

DOCKETED	
Docket Number:	25-OPT-02
Project Title:	Prairie Song Reliability Project
TN #:	268721
Document Title:	Data Request Response 5
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	2/20/2026 7:47:18 AM
Docketed Date:	2/20/2026

Data Request Response No. 5

Prairie Song Reliability Project

FEBRUARY 2026

Prepared for:

CALIFORNIA ENERGY COMMISSION

Prepared by:

PRAIRIE SONG RELIABILITY PROJECT, LLC

Table of Contents

SECTION	PAGE NO.
1 Introduction	1
2 Public Health	2

ATTACHMENTS

1 Plume Study	

1 Introduction

On January 30, 2026, the Executive Director of the California Energy Commission (CEC) issued a Determination of Complete Application for the Prairie Song Reliability Project (Project; Docket Number 25-OPT-02). CEC Staff also issued requests for information relating to Biological Resources and Public Health to further assist CEC Staff in the preparation of a Staff Assessment for the Project. Responses to the Biological Resources data requests were submitted on February 13, 2026¹. Table 1 lists the data responses provided in this document. With the submission of this Data Request Response No. 5, the Applicant has responded to all information requests issued by CEC Staff.

Table 1. Data Responses Provided Herein

Data Request Resources Area	Data Request Number
Public Health	REV 2 DR PH-1 through PH-3

¹ See, TN: 268648, 268649, 268650, 268651, and 268652. Note that the filings were submitted on February 13, 2026, and docketed by the Docket Office on February 17, 2026.

2 Public Health

The Plume Analysis in Appendix 3.9B of the Data Request Response 1 Part 1 (TN 265874) assumes a total of only 50 cells would be affected during a potential BESS thermal runaway/fire event. However, a worst-case fire could involve a whole BESS unit. In addition, only propane, butane, and carbon monoxide impacts were modeled in the plume analysis. However, a review of the literature indicates that other toxic air contaminants (TACs), such as benzene, particulate matter (including ultrafine particulates), hydrogen chloride, hydrogen fluoride, and hydrogen cyanide, acrolein, formaldehyde, VOCs (toluene, etc.), sulfur dioxide, nitrogen dioxide, phosphoryl fluoride, carbonyl fluoride could also be released, even though they are not available from the cell/module level UL 9540A test report. Staff needs additional analysis of the worst-case impacts during a potential BESS thermal runaway/fire event.

REV 2 DR PH-1. Please provide an impact analysis of all the TACs mentioned above using available representative data from the literature review or measured from any BESS test. If the data come from a BESS test, please also provide the specific analytical method(s) for determining the presence of off-gassing constituents in the test, including sample collection methods, laboratory preparation methods, analytical methods, the MDL (method detection limit) or PQL (practical quantitation limit) or RL (reporting limit) for all measured constituents, and all QA/QC (quality assurance/quality control) data including results of a spiked sample.

REV 2 DR PH-1 RESPONSE: A plume analysis was conducted to evaluate the TACs mentioned above. Please refer to Section 5.1 of Attachment 1 for a complete discussion. As described in Section 5.1 of Attachment 1, the UL9540A test for the Sungrow PowerTitan 2.0 was used as the basis for emissions of methane, acetylene, ethylene, ethane, propylene, propane, isobutane, trans butene, n-butene, pentane, isopentane, 2-methyl-1,3-butadiene, carbon monoxide, carbon dioxide, and hydrogen. The Large-Scale Burn Test (LSBT) conducted on the Sungrow PowerTitan 2.0 was used as the basis for emissions of benzene, formaldehyde, toluene, sulfur dioxide, and nitrogen dioxide. Literature review was used as the basis for emissions of acrolein, phosphoryl fluoride, carbonyl fluoride, particulate mater, hydrogen fluoride, hydrogen cyanide, and hydrochloric acid.

REV 2 DR PH-2. Please identify the assumed worst-case scenario, including but not limited to the number of cells or modules involved, state of charge, burn duration, and emission factors. Please provide justification demonstrating that the assumptions are both representative and conservative to be protective of public health. Please compare the modeled TACs concentrations to appropriate health-based exposure thresholds and demonstrate whether the acute hazard Index (HI) of TACs would be higher than the significance threshold of 1.0 at sensitive receptors. Please demonstrate whether the criteria air pollutant impacts would cause or contribute to any exceedance of ambient air quality standards.

REV 2 DR PH-2 RESPONSE: A plume analysis was conducted to evaluate the TACs mentioned above in comparison to the hazard index of 1.0 at nearby sensitive receptors. The plume study evaluates a conservative, worst case thermal runaway/fire scenario at the Project. The assumptions were intentionally selected to be protective of public health, and exceed what is expected under normal operating or documented examples of failure conditions.

The analysis assumes that an entire Sungrow PowerTitan 2.0 container undergoes thermal runaway, involving 4,992 lithium iron phosphate (LFP) cells. This assumption is conservative because UL9540A unit testing

demonstrated that only five cells in a module underwent thermal runaway with no propagation, and the Large Scale Burn Test (LSBT) required multiple forced interventions to achieve full container involvement.

LSBT observations showed emissions over approximately 28.03 hours for a forced full unit event. For the health risk evaluation presented in Attachment 1, emissions were conservatively normalized to a 1-hour release period to align with acute health based thresholds (RELs and AEGL-1 values), potentially resulting in higher modeled emission rates than would occur under time distributed release conditions. As explained above in response to REV 2 DR PH-1 and Section 5.1 of Attachment 1, representative emission factors were derived from three sources:

- UL9540A testing for primary vent gases (e.g., CO, CO₂, hydrocarbons),
- Sungrow LSBT data for benzene, formaldehyde, SO₂, and NO₂, and
- Peer-reviewed literature for HF, HCN, and HCl where system-level test data were unavailable.

Where uncertainty existed due to system-level test data unavailability, the analysis utilized airborne-relevant FTIR-based yields, scaled to total battery mass, with applicable conservative form-factor assumptions. The assumed plume model scenario included the following factors of conservatism to model a worst-case thermal runaway/fire scenario:

- It assumes complete involvement of all cells in a container, despite UL9540A and LSBT evidence showing limited propagation and self-extinguishment without repeated forced ignition.
- It ignores mitigation effects such as fire suppression, gas scavenging, deposition, enclosure losses, and chemical reactivity.
- It applies AERMOD, resulting in higher near-field ground-level concentrations than that would likely occur in an actual thermal runaway or fire event.
- Emissions were modeled as steady over 1-hour averaging periods and compared to exposure limits that assume continuous exposure for the full hour. In reality, gas releases from BESS events are time-varying and often characterized by short-duration releases followed by lower sustained release over several hours. As a result, predicted 1-hour average concentrations may over-represent actual potential public exposure conditions.

Hazard quotients were calculated for each TAC and summed by target organ system to derive acute hazard indices. The modeled results of the analysis demonstrate:

- No individual TAC exceeded its acute REL or AEGL-1 at the maximally exposed sensitive receptor.
- All acute hazard indices were below the significance threshold of 1.0, indicating no anticipated adverse non-cancer health effects, even under the assumed worst-case conditions.
- Results at all other receptors were lower than those at the maximally exposed location.

The plume study demonstrates that, under an intentionally conservative worst case thermal runaway scenario involving a full BESS container, public health and air quality impacts would remain less than significant.

REV 2 DR PH-3. If the acute HI would exceed 1.0 or the criteria air pollutant impacts would cause or contribute to any exceedance of ambient air quality standards, please explain what mitigation measures are planned to be implemented to reduce the impacts to less than significant.

REV 2 DR PH-3 RESPONSE: As demonstrated in Section 7 of Attachment 1, the Project would not result in an acute HI greater than 1.0 or cause or contribute to an exceedance of an ambient air quality standard. Therefore, no further mitigation measures are required. Many layers of safety are designed into the Project and its operation: non-inhabitable containerized BESS, liquid cooled LFP cells, compliance with multiple certifications and regulations, battery management systems, fire alarm control panels and multiple methods of failure management designed in to the container itself, 100 foot setbacks for BESS containers from the property line, emergency response control plans, hazard mitigation analysis plans, and a commitment to first responder training all limit the extent and magnitude of potential impacts for an unlikely thermal event. Based on a conservative worst-case plume analysis, the Project would not require additional mitigation measures to mitigate impacts arising from that scenario.

Attachment 1

Plume Study

MEMORANDUM

To:	California Energy Commission
From:	Prairie Song Reliability Project LLC
Subject:	Plume Study for the Prairie Song Reliability Project
Date:	February 19, 2026
Attachments:	A, Emission Calculations B, Dispersion Modeling Outputs

On January 30, 2026, the Executive Director of the California Energy Commission (CEC) issued a Determination of Complete Application for the Prairie Song Reliability Project (Project). CEC Staff also issued requests for information to further assist CEC Staff in the preparation of a Staff Assessment for the Project.

Information request REV 2 DR PH-2 requested additional analysis of potential worst-case impacts in the event of a potential battery energy storage system (BESS) thermal runaway/fire event. This memorandum provides a supplemental thermal runaway/fire scenario¹ analysis technical memorandum (plume study) for the Project in response to Information request REV 2 DR PH-2. This analysis is in addition to the previously docketed Plume Analysis prepared by Fire & Risk Alliance (TN:264382; Appendix 3.17D) and provides a complementary analysis of fire safety and public health. The contents and organization of this memorandum are as follows: Executive Summary, Project Description, Codes and Standards, Neighboring Uses, General Analysis and Methodology, Significance Criteria, Results, Conclusions, and References Cited.

1 Executive Summary

The Project would involve constructing and operating a BESS within unincorporated Los Angeles County (County), California. This plume study evaluated the Project's potential to cause adverse health effects on nearby receptors in the highly unlikely scenario of a thermal runaway event at the BESS.

This plume study provides a list of the chemical constituents that could be emitted from lithium-iron phosphate (LFP) batteries during a thermal runaway event, based on the Underwriters Laboratories ("UL") 9540A testing, the large-scale burn test (LSBT) report, and a literature review.

The Sungrow PowerTitan 2.0 has been selected for this Project application as a representative system. The UL9540A unit tests for PowerTitan 2.0 showed that three (3) initiating cells went into thermal runaway and

¹ Thermal runaway is a situation where the current flowing through the battery cell during either operation or a short circuit causes the cell temperature to rise to the point where a feedback loop can cause a thermal chain reaction.

propagated to two (2) adjacent cells, for a total of five (5) cells. The LSBT showed that after two (2) heaters forced cells into thermal runaway and sparking devices were used to ignite a fire, the fire slowed down and stopped, even in the absence of all other safety features being disabled. Additional heaters needed to be turned on and kept on to force the full unit to a burn. Therefore, this analysis conservatively assumes an entire unit would be affected (i.e., 4,992 cells), even though the LSBT showed that multiple failures and additional actions by the testers to force a full unit burn were necessary, and therefore presents a very conservative scenario that satisfies the information request for a worst-case analysis.

The potential impacts of toxic air contaminants (TACs) from a thermal runaway event were evaluated using dispersion modeling to calculate offsite concentrations of TACs. The concentrations were then compared to the Office of Environmental Health Hazard Assessment (OEHHA) acute reference exposure levels (RELs), level 1 U.S. Environmental Protection Agency (EPA) Acute Exposure Guideline Levels (AEGLs) if no REL exists, the OEHHA threshold of 1 for the acute hazard quotient, and any ambient air quality standards (AAQS), as applicable. As further discussed herein, emissions calculations indicated that the public health impacts from TACs associated with the worst-case battery cell malfunction scenario were less than significant from a public health perspective.

2 Project Description

The Project would include a 1,150-Megawatt (MW) utility-scale BESS installation designed to support grid reliability, renewable energy integration, and local energy resilience. The primary components of the Project include a containerized BESS facility, operations and maintenance (O&M) buildings, an on-site Project substation, a 500-kilovolt (kV) overhead generation interconnection (gen-tie) transmission line, and interconnection facilities within the existing Southern California Edison (SCE)-owned and operated Vincent Substation.

Electrical energy will be transferred from the existing power grid to the Project for storage and from the Project to the power grid when additional electricity is needed. The Project will provide additional capacity to the electrical grid to assist with serving load during periods of peak demand by charging when demand is low and discharging when demand is high. This operating principle increases the integration of additional intermittent renewable energy, such as wind and solar, in California's energy mix and reduces the need to operate natural gas power plants. The Project will also serve as an additional local/regional capacity resource that will enhance grid reliability, particularly to the Los Angeles Basin local reliability area and may allow for the deferral or avoidance of regional transmission facilities.

The Project will be remotely operated and monitored year-round as well as supported by on-site O&M staff seven (7) days a week. The Project will be available to receive or deliver energy 24 hours a day and 365 days a year. During the operational life of the Project, qualified technicians will inspect the Project facilities and conduct necessary maintenance to ensure reliable and safe operational readiness.

2.1 Battery Technology Overview

The energy storage facility will utilize a modular and containerized BESS. There are several battery cell technologies commercially available, with one of the most common presently being LFP cells, or similar. LFP technology is considered one of the safest, most efficient, and thus commercially financeable energy storage technologies available on the market. The initial Project concept has been developed assuming an LFP technology.

LFP batteries are a type of rechargeable lithium-ion battery that uses iron phosphate as the cathode material and a graphitic carbon electrode with a metallic backing as the anode. They offer several advantages, including a longer lifespan, higher safety, and better discharge capacity compared to traditional lithium-ion batteries. LFP batteries also have a lower environmental impact due to the use of more abundant and less toxic materials like iron and phosphorus.

The Sungrow PowerTitan 2.0 has been selected for this Plume Study as a representative system. The Sungrow PowerTitan 2.0 battery energy storage units are a liquid-cooled system engineered for high safety, efficiency, and rapid deployment. Each PowerTitan 2.0 unit integrates battery modules, Power Conversion Systems (PCS), HVAC, fire suppression systems, and Battery Energy Management System (BEMS) into a pre-assembled, containerized format. The PowerTitan 2.0 container enclosure protects the batteries from mechanical damage and weather conditions and provides a rigid metal frame to house six (6) racks of eight (8) modules, with each module containing 104 cells. This plug-and-play architecture reduces on-site installation time by up to 80% compared to conventional systems and minimizes the need for field wiring or battery handling (Sungrow 2024).

The PowerTitan 2.0 employs LFP battery chemistry, chosen for its superior thermal stability and resistance to thermal runaway. The olivine crystal structure of LFP provides strong covalent bonding between iron and phosphate ions, which stabilizes the cathode and prevents oxygen release during thermal decomposition, significantly reducing the risk of combustion (Jie 2024). The system's liquid cooling technology maintains optimal cell temperatures across a wide range of environmental conditions, from -30°C to +55°C, and supports high-density deployments without compromising safety. Each unit is National Fire Protection Association (NFPA) compliant, UL9540A-tested, and includes multi-level protection features such as gas detection, thermal sensors, and automatic fire suppression systems (Sungrow 2024).

Recent research into thermal runaway behavior confirms the advantages of LFP chemistry in large-scale applications. Compared to nickel manganese cobalt (NMC)-based systems, LFP batteries exhibit higher thermal runaway onset temperatures, lower peak heat release rates, and slower propagation between cells. The structural stability of LFP translates into a thermal runaway threshold that is typically above 270°C compared to around 150–200°C for NMC. The electrochemical potential of LFP is lower than that of NMC, resulting in a lower nominal cell voltage (approximately 3.2 V versus 3.6–3.7 V for NMC) and consequently lower energy density. LFP cells exhibit superior cycle life, often exceeding 4,000 cycles at 80% depth of discharge, and maintain performance across a wider range of temperatures. LFP cells are also less prone to capacity fade, which not only improves energy performance but also reduces thermal stress on the batteries (Preger et al. 2020). From a safety engineering perspective, the differences in thermal behavior are critical. NMC cells require more aggressive thermal management and are more likely to propagate failure across adjacent cells if a single cell enters thermal runaway. LFP cells, by contrast, tend to fail passively and are less likely to ignite or propagate heat to neighboring cells. This makes LFP a preferred chemistry for stationary applications where safety, longevity, and cost stability are prioritized over compactness. In experimental scenarios involving coupled abuse conditions such as heating combined with overcharge or external short circuit, LFP cells demonstrated delayed ignition, reduced flame height, and lower total heat release. These characteristics are critical in preventing cascading failures in densely packed installations.

The Project's design reflects these safety priorities. The PowerTitan 2.0 units are deployed in rows with physical separation, allowing for effective containment of any thermal event. The system's integrated monitoring and control platform enables real-time diagnostics, predictive maintenance, and remote shutdown capabilities. This level of visibility and control is essential for managing risk and ensuring compliance with California's evolving BESS safety regulations.

The United States' (US) installations of advanced energy storage — almost entirely lithium-ion battery systems — surpassed 3 gigawatt (GW) in the second quarter of 2024 according to research firm Wood Mackenzie Power & Renewables, which forecasts, then records and analyses energy storage deployments (Utility Dive News 2024). California had approximately 13,000 GW of utility scale battery storage installed as of 2024 and is projected to reach 54,000 GW by 2045.

3 Codes and Standards

3.1 Battery Testing Requirements and Regulations

BESS facilities and batteries are subject to several strict safety codes and standards. Some of the relevant codes and standards are discussed below.

Underwriters Laboratories (UL), a globally recognized safety certification company.

UL9540A: Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems – this test methodology evaluates the fire characteristics of battery cells, modules, and installations that are purposefully induced into thermal runaway. The data generated can be used to determine the fire and explosion protection required for installation of a BESS.

UL1973: Standard for Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications - This standard evaluates the battery system's ability to safely withstand simulated abuse conditions. This standard evaluates the system based upon the manufacturer's specified charge and discharge parameters. It requires that a BESS is not allowed to be an explosion hazard when exposed to an external fire source and that a single cell failure will not result in a cascading thermal runaway of cells.

UL1741: Inverters, Controllers, Converters, and Interconnection Equipment Standards - These requirements cover inverters, converters, charge controllers, and interconnection system equipment (ISE) intended for use in stand-alone (not grid-connected) or interactive (grid-connected) power systems. Interactive inverters, converters, and ISE are intended to be operated in parallel with an electric power system (EPS) to supply power to common loads.

UL9540: Energy Storage Systems and Equipment – This standard requires compliance with key UL sub-standards as well as standards from other recognized parties to certify safety of an integrated energy storage system.

International Fire Code (IFC): IFC is the model up-to-date fire code addressing conditions hazardous to life and property from fire, explosion, handling or use of hazardous materials and the use and occupancy of buildings and premises.

IFC specifies minimum size requiring permits (Lithium, all types, 20 kilowatt-hours (kWh)), specifies maximum limits on sizing for battery systems (Lithium all type, 50 kwh each array), seismic and structural design, spacing (minimum 3 feet separation of arrays), vehicle impact protection, testing, maintenance and repairs, maximum quantities within a building (Lithium of 600 kwh), battery management system (BMS)

monitoring, shutdown and notification requirements, automatic smoke detector requirements, automatic fire sprinkler systems, and ventilation specifications.

California Fire Code (CFC): The CFC is promulgated in the California Code of Regulations Title 24, Part 9, and contains regulations consistent with nationally recognized and accepted practices for safeguarding life and property from the following hazards:

- Fire and explosion
- Dangerous conditions arising from the storage, handling, and use of hazardous materials and devices
- Hazardous conditions in the use or occupancy of buildings or premises

The CFC also contains provisions to assist emergency response personnel. The CFC is a fully integrated code based on the IFC, described previously.

CFC Chapter 12 (Energy Systems): Chapter 12 was added to the CFC to address standby and emergency power, portable generators, photovoltaic systems, fuel cell energy systems, and energy storage systems. From CFC Chapter 12, a BESS must meet the provisions and requirements of Sections 1201 (General) and 1207 (Electrical Energy Storage Systems).

Institute of Electrical and Electronics Engineers (IEEE): The world's largest technical professional organization dedicated to advancing technology.

IEEE C2: This Code covers basic provisions for safeguarding of persons from hazards arising from the installation, operation, or maintenance of (1) conductors and equipment in electric supply stations, and (2) overhead and underground electric supply and communication lines. It also includes work rules for the construction, maintenance, and operation of electric supply and communication lines and equipment. The Code is applicable to the systems and equipment operated by utilities, or similar systems and equipment, of an industrial establishment or complex under the control of qualified persons.

National Fire Protection Association (NFPA): NFPA is an international nonprofit that develops standards to minimize risks and losses from fire, electrical hazards, and other dangers.

NFPA 70: National Electrical Code, addresses electrical design, installation, and inspection.

NFPA 550: Guide to Fire Safety Concepts Tree for Protecting Energy Systems - addresses issues such as utilizing BMS and compatible equipment, ventilation as needed, fire resistive separation, array spacing, and signage.

NFPA 855: Standard for the Installation of Stationary Energy Storage Systems - offers comprehensive criteria for the fire protection of BESS installations based on the technology used in BESS, the setting where the technology is being installed, the size and separation of BESS installations, and the fire suppression and control systems in place. Additional considerations include ventilation, detection, signage, listings, and emergency operations responding to BESS emergencies.

California Public Utilities Commission (CPUC): CPUC is a regulatory agency responsible for overseeing utility services and infrastructure in California, including electricity, natural gas, telecommunications, water, and transportation.

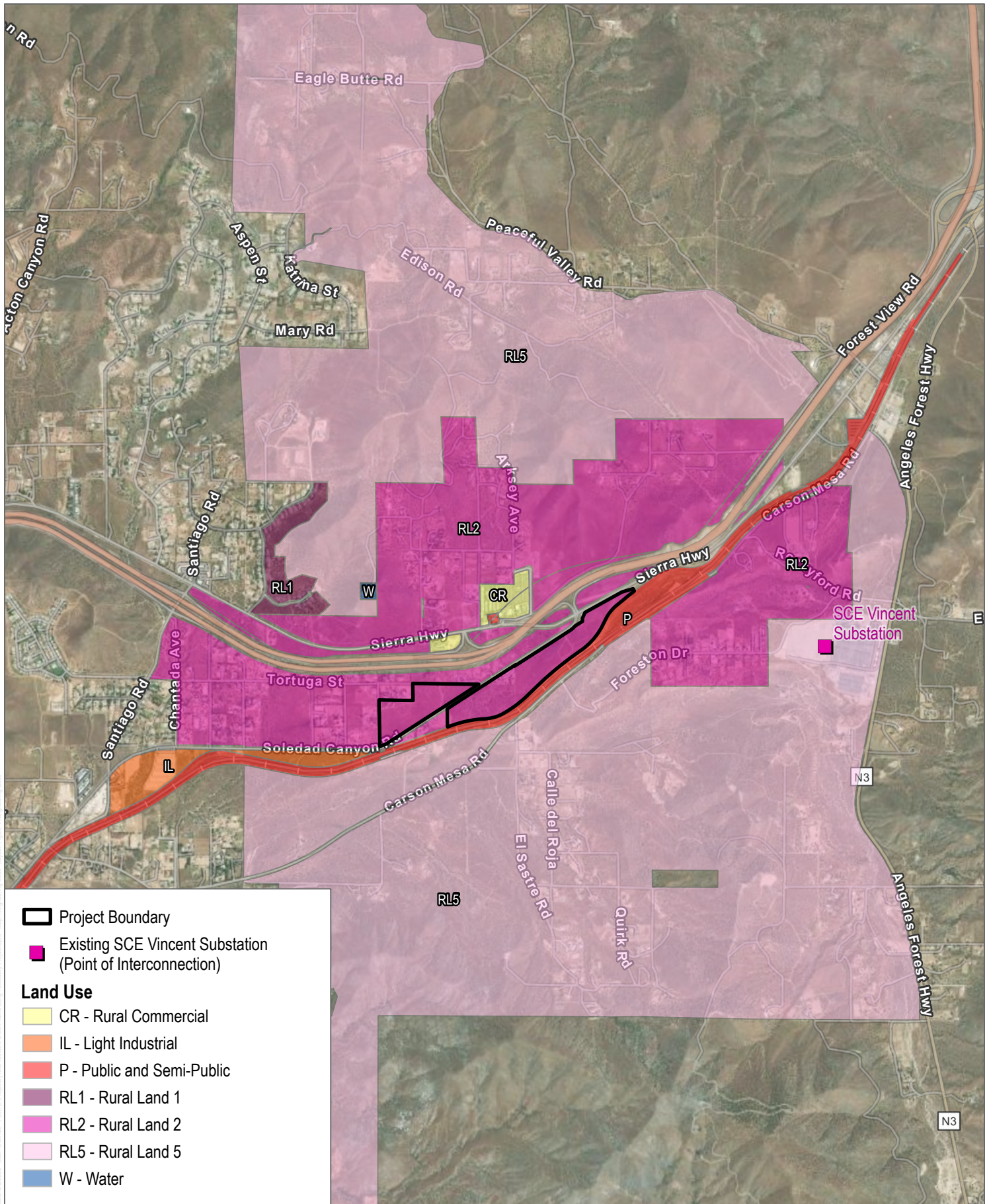
Its mission is to ensure that Californians receive safe, reliable, and affordable utility services. The CPUC sets standards, conducts inspections, and enforces regulations to maintain service quality and public safety. It also addresses consumer complaints, offers financial assistance programs, and promotes clean energy initiatives.

CPUC General Order 167-C: Operational standards and maintenance protocols for electric generation facilities and energy storage systems in California. It emphasizes the importance of reliability and safety, detailing requirements for regular inspections, performance monitoring, and reporting. The order mandates that facilities adhere to specific guidelines to ensure consistent operation and prevent outages, with a focus on maintaining equipment and infrastructure. Compliance is enforced through periodic audits and penalties for non-compliance, aiming to uphold high standards in the state's energy sector.

4 Neighboring Uses

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air-pollution-sensitive people live or spend considerable amounts of time are known as “sensitive receptors.” Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). The Antelope Valley Air Quality Management District (AVAQMD) identifies residences, daycare centers, playgrounds, and medical facilities as sensitive receptors for the purposes of identifying air quality impacts (AVAQMD 2016).

The closest sensitive receptors to the Project site are residences located immediately adjacent to the west (along Malinta Avenue), north (along Tortuga Street and Soledad Canyon Road), and south (across Soledad Canyon Road) of the BESS facility Project site boundary. The nearest school is the Meadowlark Elementary School, located approximately two (2) miles to the west of the proposed BESS facility. This analysis also assesses impacts to non-sensitive receptor commercial uses, with the nearest being approximately 815 feet to the north of the Project. The location of the neighboring uses by type are shown in Figure 1.



SOURCE: MAXAR 2022; Los Angeles County;

FIGURE 1
Neighboring Uses
 Prairie Song Reliability Project

5 General Analysis and Methodology

As described previously in Section 3, Codes and Standards, based on the requirements in Chapter 12 of the California Fire Code and the NFPA 855 standard, the risk of fire, explosion, and toxic release are minimized by the installation of energy management systems, fire detection and protection systems, explosion control systems, and ventilation. Further protection to the surrounding properties can be provided through proper pre-planning and coordination with local emergency agencies. Pre-planning for BESS facilities can be accomplished through the preparation of a Hazard Mitigation Analysis, which is used to evaluate the consequences associated with a potential project system failure and how those potential failures meet local codes and standards, in this case the Los Angeles County Fire Code. An additional pre-planning best practice is the preparation of an Emergency Response and Emergency Action Plan (ERP), which is required by Public Utilities Code Section 761.3. ERPs consider responses to potential offsite impacts, including poor air quality, and include procedures that provide for the safety of surrounding properties.

During normal operations, there will be no toxic air emissions from the Project. However, to evaluate potential worst-case public health impacts for this analysis, this report assumes the highly unlikely event of multiple safety and ventilation system failures so that a battery cell malfunction is not controlled. It is also assumed that the battery cell malfunction continues throughout the entire unit, consuming the totality of every cell until the reaction ceases. Based on the results of the UL9450A testing and the LSBT assumptions of multiple failures and additional actions by the testers required to force a full unit burn, the assumption that the totality of every cell is consumed is very conservative.

In the event of a battery cell malfunction, it is possible that a thermal runaway event and/or a fire could occur. While modern-day systems are designed to contain such fires within a single battery module or cabinet, if a fire does occur, some limited pollutants could be emitted to the atmosphere. Unlike other structural fires, the primary emissions from a thermal runaway event of a battery energy systems are flammable gases, which burn or dissipate within the vicinity of the battery unit. The majority of the battery structure is non-combustible.

To provide the worst-case scenario requested, it is assumed that the release of specific pollutants to the atmosphere would occur within a relatively short and concentrated period of time, based on the 1-hour exposure of TAC thresholds. The emissions modeled for a thermal runaway were based on the cell level UL9540A testing, the LSBT report, and applicable literature. Per the LSBT, emissions from a thermal runaway were observed for 28.03 hours for an entire unit, which were normalized to an hourly rate for the thermal runaway analysis (Sungrow 2025). Emission rates from the cell level UL9540A testing were extrapolated to an entire unit (4,992 cells). The actual rate of release would be dependent on energy stored within the individual battery system.

In the unlikely event of a battery cell malfunction, the primary emissions released would be carbon dioxide (CO₂), hydrogen (H₂), and carbon monoxide (CO), along with lesser amounts of other compounds. Table 1 provides a list of chemical constituents that could be emitted from LFP batteries during a thermal runaway event, based on the UL9540A testing, LSBT, and literature review.

Table 1. Potential Chemical Constituents Emitted from LFP Batteries

Pollutant	Chemical Formula	CAS Number	Measured Percent
UL9540A Testing			
Methane	CH ₄	74-82-8	6.421%
Acetylene	C ₂ H ₂	74-86-2	0.339%

Table 1. Potential Chemical Constituents Emitted from LFP Batteries

Pollutant	Chemical Formula	CAS Number	Measured Percent
Ethylene	C ₂ H ₄	74-85-1	3.827%
Ethane	C ₂ H ₆	74-84-0	0.996%
Propylene	C ₃ H ₆	115-07-1	1.227%
Propane	C ₃ H ₈	74-98-6	0.322%
Isobutane	C ₄ H ₁₀	75-28-5	0.013%
Butane	C ₄ H ₁₀	106-97-8	0.091%
Isobutene	C ₄ H ₈	115-11-7	0.085%
Trans Butene	C ₄ H ₈	624-64-6	0.322%
n-Butene	C ₄ H ₈	106-98-9	0.140%
Pentane	C ₅ H ₁₂	109-66-0	0.110%
Isopentane	C ₅ H ₁₂	78-78-4	0.007%
2-methyl-1,3-butadiene	C ₅ H ₈	78-79-5	0.014%
Carbon Monoxide	CO	630-08-0	13.924%
Carbon Dioxide	CO ₂	124-38-9	27.237%
Hydrogen	H ₂	1333-74-0	44.925%
Total			100.00%
Large Scale Burn Test			
Benzene	C ₆ H ₆	71-43-2	NA
Formaldehyde	CH ₂ O	50-00-0	NA
Toluene	C ₇ H ₈	108-88-3	NA
Sulfur Dioxide	SO ₂	7446-09-5	NA
Nitrogen Dioxide	NO ₂	10102-44-0	NA
Literature Review			
Hydrogen Fluoride	HF	7664-39-3	NA
Hydrogen Cyanide	HCN	74-90-8	NA
Hydrochloric Acid	HCL	7647-01-0	NA
Acrolein	H ₂ C	107-02-8	NA
Carbonyl Fluoride	COF ₂	353-50-4	NA
Course Particulate Matter	PM ₁₀	NA	NA
Fine Particulate Matter	PM _{2.5}	NA	NA
Ultrafine Particulate Matter	PM _{0.1}	NA	NA
Phosphoryl Fluoride	POF ₃	13478-20-1	NA

Sources: CCIC-CSA International Certification Co., Ltd 2023; Sungrow 2025; Sturk et al 2019; Tetra Tech 2025; Peng et al 2020; Claassen 2024; Andersson 2013; DNV GL 2019.

Notes: CAS = Chemical Abstracts Service; NA = not applicable.

Pollutants emitted and % composition based on the Cell Test Report UL9540A, large scale burn test, and literature review.

The potential impacts of TACs from a thermal runaway event were evaluated using dispersion modeling to calculate offsite concentrations of TACs. The concentrations were then compared to the OEHHA acute RELs, AEGLs if no REL exists, and the OEHHA threshold of 1 for the acute hazard quotient, and any AAQS, as applicable. The methodology of each source of emission factors is discussed further in this section.

5.1 Thermal Runaway Emission Sources

5.1.1 UL9540A Testing

The UL9540A unit tests for the Sungrow PowerTitan 2.0 forced initiating cells into thermal runaway, through the addition of heat via glass fiber thermocouples. No external flaming or flame venting occurred during the UL9540A testing at the unit level. There are no single failures identified in the failure modes and effects analysis, documented in available BESS failure literature, or reported in anecdotal case reports that show or support a mechanism of failure that would cause thermal runaway to occur in all cells within a single module simultaneously, nor propagate to other modules in a rack. As such, there is no existing test data or established failure mechanism in the UL9540A reports that documented all 104 cells within a module or 4,992 cells within a BESS to undergo thermal runaway from a single failure. Rather, thermal runaway propagation from cell to cell would remain a direct component of battery gas release timing, release conditions, and associated consequences for all potential single failures initiating thermal runaway and battery gas venting in the PowerTitan 2.0 BESS. The UL9540A test was used as the basis for emissions of methane, acetylene, ethylene, ethane, propylene, propane, isobutane, trans butene, n-butene, pentane, isopentane, 2-methyl-1,3-butadiene, carbon monoxide, carbon dioxide, and hydrogen.

5.1.2 Large Scale Burn Test

A LSBT was conducted on the Sungrow PowerTitan 2.0 where an entire unit was forced into a thermal runaway (Sungrow 2025). The ambient conditions during the testing showed wind speed between 0 and 2.7 meters per second (m/s). The CSA TS-800 standard allows up to 2.7 m/s. The wind direction was predominantly blowing from the south, west, and then east towards the end of the test. The temperature ranged from 13 to 25°C during the test (CSA standard allows 10 to 40°C). The humidity varied from 45% to 87% (CSA standard allows below 90%). A continuous gas sampling system using a Raman spectrometer was used to analyze vent gases. The following gases were monitored during the test progression in a continuous manner: H₂, O₂, CO₂, CO, and HC and H₂S. In addition, 32 discrete gas samples were collected at 10 and 20 meters downwind into sample canisters to have gas analysis performed post-test to determine concentrations of gases present. Gas chromatography-mass spectrometry (GC-MS), thermal desorption gas chromatography with mass spectrometric detection (TDS-GCMS), ion chromatography (IC), and gas chromatography-flame ionization detection (GC-FID) were used to analyze the compositions and concentrations in volume. Electric thin-film heaters were used to induce the thermal runaway in one module and sparkers were used to ignite the gases. Even though all the safety mechanisms were turned off, the first fire slowed and stopped. Later in the test, additional heaters in the module were turned on to force the rest of the module into thermal runaway. Deflagration panels worked successfully and the fire in the container did not spread to any other container or damage the internal modules of any other containers. The LSBT was used as the basis for emissions of benzene, formaldehyde, toluene, sulfur dioxide, and nitrogen dioxide.

5.1.3 Literature Review

A literature review was conducted to identify other potential emissions from a LFP thermal runaway that were not identified in the UL9540A testing and LSBT. The literature review focused on studies that were representative of the chemistry (LFP) and cell type (cylindrical). It should be noted that there were no publicly available LSBT studies to review outside that of the Sungrow PowerTitan 2.0. The available studies were conducted at the cell level with much smaller capacity cells than the Project (3.2-20 ampere-hours compared to 314 ampere-hours). The literature review was used as the basis for emissions of hydrogen fluoride, hydrogen cyanide, and hydrochloric acid.

Hydrogen Fluoride (HF)

Larsson et al showed that when testing multiple LFP cells with different sizes and form factors, reported hydrogen fluoride (HF) results had an order-of-magnitude variability at similar capacities and the HF yield depends on venting dynamics, construction, and sampling method, not capacity (Larsson et al 2017). FTIR measurements represent HF that remains in the air and is relevant to inhalation exposure, whereas water-washing or impinger methods capture total fluorine, including fluorinated intermediates (e.g., POF_3) that hydrolyze to HF during sampling and would not remain fully airborne. This report explicitly acknowledges this distinction and adopts FTIR based yields for air dispersion modeling to avoid systematic overprediction of airborne HF. It was also observed that HF originates from fluorine-based materials, not stored energy. Therefore, the cell-level results do not scale proportionally with nominal capacity; rather, they scale with electrolyte mass, electrode surface area, and total materials mass. HF generated during lithium-ion battery fires is highly water soluble and reactive and is rapidly scavenged by fire suppression water, enclosure surfaces, and soot (EPA 1993). Experimental studies of battery fires and industrial HF releases show that only a fraction of generated HF remains airborne. Larsson et al also observed that there was a 75% reduction in HF emissions in cylindrical cells compared to pouch, due to increased mechanical confinement, restricted vent paths, and partial retention or internal recombination of fluorinated species. As the Sungrow PowerTitan 2.0 includes prismatic cells, a conservative reduction factor of 0.5 was applied to the HF emission rates (which were based on pouch cells) in the analysis. While HF was not evaluated in the UL9540A or LSBT, the emission factor of 1,264 milligrams per cubic meter was included herein as the analysis of a 243Ah pouch cell is the most representative of the Project's chemistry and configuration (Liu et al 2021).

Hydrogen Cyanide (HCN)

HCN is a recognized toxic byproduct of LFP thermal runaway, formed primarily from the thermal decomposition and combustion of nitrogen containing electrolytes, binders, and polymeric components within lithium-ion cells. Experimental studies and consequence modeling analyses show that during thermal runaway—especially when cell vent gases ignite or when plastics and electrolytes burn—HCN can be released (Kwon et al 2024). In laboratory thermal runaway tests, HCN emissions are limited in total mass and duration because they involve only single cells or small modules under controlled ventilation, making the results useful for identifying formation mechanisms but not for predicting real world exposure. Therefore, the application of laboratory testing is considered conservative. HCN emissions were modeled using average volumetric results from DNV GL 2019.

Hydrogen Chloride (HCl)

HCL emissions were modeled using an emission factor of 170 mg/kg, also expressed per unit mass of battery material (Liu et al 2021). HCl is consistently a minor constituent of LFP vent gas, with mass release rates substantially lower than HF and rarely controlling exposure distances in dispersion modeling. FTIR based measurements reported by Larsson et al. show limited HCl formation during LFP events, reflecting the absence of chlorine rich cathode materials and minimal contribution from enclosure materials under nonflaming conditions (Larsson et al., 2017).

Additional testing summarized by DNV GL 2019 confirms that elevated HCl concentrations are primarily associated with combustion of external chlorinated plastics rather than intrinsic battery materials, which is not assumed in the provided AERMOD analysis. The selected HCl value therefore represents the upper mid range of gas phase HCl reported for LFP cells and conservatively accounts for airborne irritant potential without assuming combustion of nonbattery materials.

Acrolein

Two studies detected acrolein from lithium ion fire cell releases, Long et al., 2013 and Nedjalkov et al., 2016. Long et al studied burns for electric vehicles (EV) of unknown chemistry. The analysis consisted of full-scale fire testing on a battery pack and an EV. Acrolein was detected, but measurements were not recorded. Due to uncertainty on battery type, a lack of applicability between a BESS container and an EV, and a lack of reported numbers, data from the Long study cannot be applied to this analysis. Nedjalkov studied NMC cells only. Our literature review did not reveal any studies showing acrolein production during an LFP thermal event, as such acrolein was not included in the plume analysis.

Carbonyl Fluoride (COF₂)

Our literature review could not find any studies that measured COF₂ production in an LFP thermal event that would be usable for modeling purposes. The absence of COF₂ in LFP thermal runaway experiments is chemically consistent. COF₂ is highly reactive and hydrolyzes rapidly to HF and CO₂ in the presence of moisture (Bugryniec et al 2024). Battery fire environments contain water vapor, combustion radicals, and hot surfaces, all of which favor rapid destruction of COF₂. LFP batteries generally do not contain fluorinated cathode materials, limiting fluorine availability to electrolyte components, which preferentially form HF. As a result, even if COF₂ were transiently formed at the molecular scale, it would not persist as a measurable airborne toxicant, and therefore was not included in our plume study.

Particulate Matter (PM)

The particulate matter (PM) emission rates reported in Claassen 2024 are not representative of a full BESS thermal runaway event because the experiments were conducted on individual LFP and lithium-cobalt oxide cells rather than multicell modules or racks, which means the experiments lack the complex thermal propagation behavior, cascading failures, and cumulative energy release that occur in real BESS incidents. The cells were externally heated on a hot plate rather than failing from realistic mechanisms such as internal shorts, propagation, or overcharge, which strongly influences the type and quantity of emitted particles. The tests occurred inside an open, ventilated burn chamber, without the confinement, restricted airflow, gas buildup, enclosure heating, and secondary combustion typical of BESS cabinets, all of which significantly alter aerosol formation and PM concentrations. For these reasons, while the study provides valuable insights into cell level particle emissions, the measured PM rates cannot be applied to a container level BESS thermal runaway scenario.

POF₃

Andersson 2013 found the FTIR measurements show production of HF in all tests, but POF₃ could not be detected. The high dilution in the exhaust duct means that POF₃ might have been produced but not detected by the FTIR. Assuming that the ratio between HF and POF₃ concentration was 20 as seen in the spray-tests with the cone calorimeter, that would correspond with maximum POF₃-concentrations below 1 ppm in tests 1-2 and 2.5 ppm in tests 3-5 which is below the quantification limit (6 ppm) for the FTIR. POF₃ was detected in all the small scale tests using pure electrolyte. However, no POF₃ was detected in the tests on cells. Similarly, Larsson 2017 found that for all tested battery types and selected SOC-levels, POF₃ could only be measured quantitatively for type A (lithium cobalt oxide) battery cells at 0% state of charge (SOC). Repeated measurements confirmed the presence of POF₃ only for type A and only for 0% SOC. No POF₃ could thus be detected in any of the other tests (including LFP). Therefore, POF₃ was not included in this analysis.

5.2 Emissions

Battery cell malfunctions, such as thermal runaway events, can result in the release of toxic emissions and/or flammable gas mixtures to the atmosphere. For LFP batteries, the UL9540A testing, the LSBT, and applicable literature indicated that the primary toxic pollutants could be any of the pollutants listed in Table 1. The emissions analyzed in the cell-level UL9540A were scaled up to an entire unit (4,992 cells). Benzene and formaldehyde emissions results from the LSBT were used as they were most representative. Additional pollutants were evaluated from the literature review and scaled based off the mass of 4,992 cells. However, only 11 of these pollutants are TACs (that have an acute REL or AEGL) that could be potentially released during a thermal runaway event within a BESS that may have an impact on nearby receptors. The TACs include propane, butane, CO, HF, hydrogen cyanide, hydrochloric acid, sulfur dioxide, nitrogen dioxide, toluene, benzene, and formaldehyde. While emission factors for volatile organic compounds, phosphoryl fluoride, and PM are included for disclosure purposes, there was no applicable threshold to compare them to. Detailed emission calculations are included in Attachment A.

5.3 Dispersion Modeling

Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or school receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties, and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

A dispersion modeling analysis was conducted for TACs emitted from a thermal runaway event on proximate receptors. The dispersion modeling was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD), which the EPA approved for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. While, AERMOD was developed for uses such as Clean Air Act New Source Review permitting and does not account for any chemical reactivity that may occur or interaction between chemicals like a fire dynamics simulator may, the AERMOD analyses are nevertheless instructive. Accordingly, this analysis should be considered within the context of the limitations of pollutant dispersion within AERMOD in this modeling and the assumptions used for estimating emission rates. In this case, using AERMOD to model reactive compounds, like HF, introduces an additional level of conservatism into the results reported in this analysis because AERMOD:

- Does not account for a compounds high reactivity and solubility, so it ignores rapid loss due to moisture interaction, surface uptake, or chemical transformation, leading to higher modeled airborne concentrations;
- Fire plumes generate intense turbulence and entrainment; AERMOD does not explicitly model this fire induced mixing, which can understate early dilution and overstate ground level concentrations in the modeling outputs;
- Plume rise formulations are stack based and may underpredict effective plume rise for hot, buoyant fires, keeping the plume too low and increasing predicted impacts at nearby receptors; and

- Dry deposition algorithms do not capture rapid near-field scavenging of compounds onto soil, vegetation, or structures, which would reduce airborne concentrations quickly after release.

Principal parameters of the thermal runaway dispersion modeling are presented in Table 2, with complete model results included in Attachment B.

Table 2. AERMOD Principal Parameters - Thermal Runaway Analysis

Parameter	Details
Dispersion Model	The air dispersion model used was AERMOD Version 24142, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 13.0.0. A unit emission rate (1 gram per second [g/s]) was normalized over each unique source of emissions for the AERMOD run to obtain the “X/Q” values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from multiple sources. The maximum concentrations were determined for the 1-hour and 8-hour averaging period.
Meteorological Data	The latest five-year meteorological data (2016-2020) for the Palmdale Station (KPMD) were obtained from CARB and used in the analysis as the most representative data set based on proximity and wind direction. A wind rose is provided for this station in Figure 2.
Urban versus Rural Option	Urban areas typically have more surface roughness, as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. Based on the land use procedure from 4.4.1 of the OEHHA Guidance Manual, the rural dispersion was appropriate for the Project site (OEHHA 2015).
Terrain Characteristics and Elevation Data	Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with an approximately 1 arc-second resolution.
Emission Sources and Release Parameters	The thermal runaway event was assumed to occur in the BESS container near the O&M buildings as a worst-case scenario based on the predominant wind direction (blowing from the southwest, as shown in Figure 2) and receptor proximity. The BESS container venting during a thermal runaway was modeled as a buoyant line source, with the following parameters based on the source location and information from the UL9540A test data and PowerTitan 2.0 container specifications: • Base elevation of 926.31 meters; • Vertical stack (vent) height of 2.9 meters; • Container length of 6.058 meters; • Container width of 2.9 meters; • Line source width of 2.4 meters; • Separation between containers of 3 meters; • Gas exit temperature of 1,273.15 Kelvin; • Ambient air temperature of 293.15 Kelvin; • Gas exit velocity of 1 meter per second; and • Buoyancy parameter of 111.53 m⁴/s³.
Variable Emissions	No variable emissions were assumed.
Receptors	A fence line grid of receptors was generated with the following spacing to evaluate potential air pollutant impacts within a 6-mile radius of the Project:

Table 2. AERMOD Principal Parameters - Thermal Runaway Analysis

Parameter	Details
	• 25-meter spacing along the Project fence line; • 25-meter spacing from the facility boundary out to 100 meters; • 50-meter spacing from 100 meters to 250 meters; • 100-meter spacing from 250 meters to 500 meters; • 250-meter spacing from 500 meters to 1,000 meters; • 500-meter spacing from 1,000 meters to 2,000 meters; • 1,500-meter spacing from 2,000 meters to 6,000 meters. • A discrete receptor was placed 10 and 20 meters downwind.

Source: OEHHA 2015.

Notes: AERMOD = American Meteorological Society/EPA Regulatory Model; OEHHA = Office of Environmental Health Hazard Assessment; O&M = operations and maintenance; BESS = battery energy storage system; UTM = Universal Transverse Mercator. See Attachment B for model outputs and parameters.

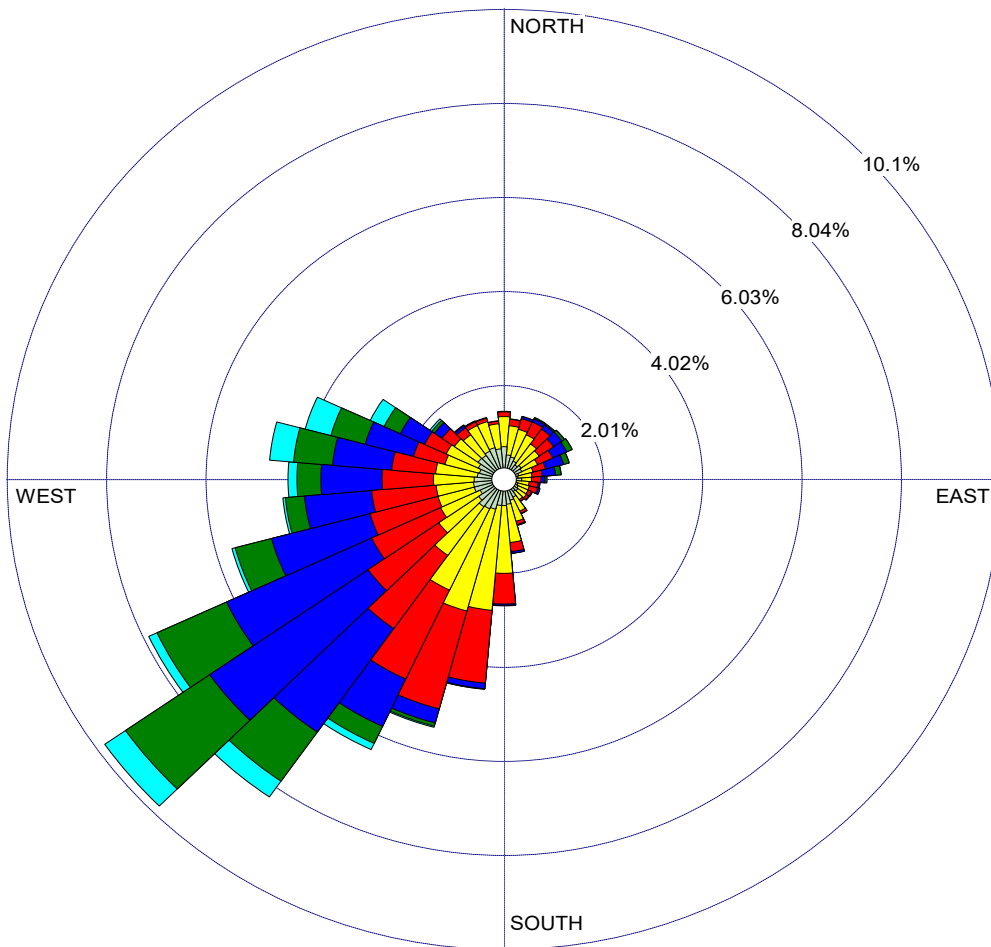
In order to scale the emission results for benzene and formaldehyde from the LSBT to be used at the Project site, the meteorological data set was filtered for only data between 0 and 2.7 meters per second (identical to the conditions in the LSBT). An AERMOD run was performed with this refined meteorological data set with a discrete receptor located at 10 and 20 meters downwind from the source (to represent the sampling locations from the LSBT). The concentrations of those modeled receptors were used to scale the LSBT results to the most impacted residential receptor.

WIND ROSE PLOT:

Palmdale Meteorological Station
Wind Rose

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(Knots)

- ≥ 21.58
 - 17.11 - 21.58
 - 11.08 - 17.11
 - 7.00 - 11.08
 - 4.08 - 7.00
 - 0.97 - 4.08
- Calms: 0.54%

COMMENTS:

DATA PERIOD:

Start Date: 1/1/2016 - 00:00
End Date: 12/31/2020 - 23:59

COMPANY NAME:

MODELER:

CALM WINDS:

0.54%

TOTAL COUNT:

43639 hrs.

AVG. WIND SPEED:

9.35 Knots

DATE:

8/5/2025

PROJECT NO.:

WRPLOT View - Lakes Environmental Software

SOURCE: Lakes Environmental Software

DUDEK

FIGURE 2
Wind Rose

Prairie Song Reliability Project

5.4 Exposure Assessment

Under the worst-case scenario studied, the burning and/or venting of the battery cells due to a battery cell malfunction would result in combustion-related emissions. Inhalation is the main pathway by which these emissions could potentially cause public health impacts.

In March 2015, the OEHHA approved the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The assessment was prepared following the 2015 Risk Assessment Guidelines Manual. Noncancer acute health risk calculations were performed for the project using ground-level unity emission concentration (X/Q) input from AERMOD. The concentration result from AERMOD was then multiplied by the emission rate of each pollutant to determine the potential Project concentration at the maximally exposed individual receptor. The Project's maximum concentration for each pollutant was then compared to the REL, the AEGL-1, and AAQS, as applicable, which are defined as follows:

- A REL is the concentration level at or below which no adverse non-cancer health effects are anticipated for the specified exposure duration (1-hour for an acute analysis) (OEHHA 2015). RELs are based on the most sensitive, relevant, adverse health effect reported in the medical and toxicological literature. RELs are designed to protect the most sensitive individuals in the population by the inclusion of factors that account for uncertainties as well as individual differences in human susceptibility to chemical exposures. The factors used in the calculation of RELs are meant to err on the side of public health protection in order to avoid underestimation of non-cancer hazards. Exceeding the REL does not automatically indicate an adverse health impact. However, increasing concentrations above the REL value increases the likelihood that the health effect will occur. The noncancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) divided by the REL, also in units of $\mu\text{g}/\text{m}^3$. The REL is typically based on health effects on a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index.
- The AEGL-1 is the airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic non-sensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.
- The national and California AAQS have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort.

As this is an acute health risk exposure assessment, the maximum 1-hour and 8-hour emission rates from thermal runaway of an entire unit was assumed. The analysis evaluated impacts at nearby receptors.

6 Significance Criteria

The applicable REL or AEGL-1 for each pollutant evaluated in this assessment is shown below in Table 3. For the acute hazard index assessment, a significant impact would be defined as having an acute hazard index of over 1 (OEHHA 2015). Finally, state and federal AAQS for CO, SO₂, and NO₂ are also presented below.

Table 3. Significance Criteria

Chemical Name	REL (µg/m³)	AEGL-1 (µg/m³)	Ambient Air Quality Standard (µg/m³)
Propane	N/A	9,919,571	N/A
Butane	N/A	13,074,029	N/A
Carbon monoxide	23,000	N/A	State 1-hour: 22,900
			Federal 1-hour: 40,100
			State 8-hour: 10,300
			Federal 8-hour: 10,300
Hydrogen fluoride	240	818	N/A
Hydrogen cyanide	340	2,208	N/A
Hydrochloric acid	2,100	2,683	N/A
Sulfur dioxide	660	571	State 1-hour: 288
			Federal 1-hour: 655
Nitrogen dioxide	470	942	State 1-hour: 339
			Federal 1-hour: 188
Benzene	27	166,090	N/A
Formaldehyde	55	1,104	N/A
Toluene	5,000	251,920	N/A

Source: OEHHA 2020; EPA 2024; CARB 2024.

Notes: N/A = not applicable; REL = reference exposure level; AEGL = acute exposure guideline levels; µg/m³ = microgram per cubic meter.

7 Results

Table 4 presents the results of the exposure results of the thermal runaway scenario compared to applicable AEGLs as discussed in Section 5, above.

Table 4. Acute Risk Results

Pollutant	Project Concentration (µg/m³)	AEGL-1 (µg/m³)	Exceeds AEGL?
Propane	75.68	9,919,571	No
Butane	28.19	13,074,029	No

Notes: AEGL = acute exposure guideline levels; µg/m³ = microgram per cubic meter.

Source: See Attachment A.

As shown in Table 4, the results of the acute risk analysis showed that the emissions from a thermal runaway event (assuming an entire unit) would not exceed the AEGL for any pollutant at the maximally exposed receptor. Table 5 presents the acute hazard quotient and index summary.

Table 5. Acute Hazard Quotient and Index Summary

Pollutant	Acute Cardiovascular HQ	Acute Respiratory HQ	Acute Eye HQ	Acute Central Nervous System HQ	Acute Immunological HQ	Acute Reproductive HQ	Acute Blood HQ
Carbon Monoxide	0.09	N/A	N/A	N/A	N/A	N/A	N/A
Hydrogen fluoride	N/A	0.63	0.63	N/A	N/A	N/A	N/A
Hydrogen cyanide	N/A	N/A	N/A	0.12	N/A	N/A	N/A
Hydrochloric acid	N/A	0.02	0.02	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	0.41	0.41	0.41
Formaldehyde	N/A	N/A	0.11	N/A	N/A	N/A	N/A
Toluene	N/A	0.003	0.003	0.003	N/A	N/A	N/A
Sulfur dioxide	N/A	0.001	N/A	N/A	N/A	N/A	N/A
Nitrogen dioxide	N/A	0.003	N/A	N/A	N/A	N/A	N/A
Hazard Index	0.09	0.66	0.77	0.12	0.41	0.41	0.41

Notes: N/A = not applicable; REL = reference exposure level; $\mu\text{g}/\text{m}^3$ = microgram per cubic meter.

The hazard quotient (HQ) measures the potential risk of non-cancer health effects from exposure to a single chemical, while the hazard index (HI) aggregates the hazard quotients of multiple chemicals affecting the same target organ or system.

Totals may not sum due to rounding.

Source: See Attachment A.

As shown in Table 5, the results of the acute risk analysis showed that the emissions from a thermal runaway event (assuming an entire unit) would not result in an acute hazard index greater than the threshold of 1.0 at the maximally exposed receptor. Results at all other receptors are lower than those presented in Table 5 above. As such, no adverse health effects are anticipated at any receptors from exposure to a thermal runaway event.

The results from the ambient air quality modeling assessment are presented in Table 6.

Table 6. Ambient Air Quality Assessment Results

Impact Parameter	Applicable Standard	Background Concentration ($\mu\text{g}/\text{m}^3$)	Project Concentration ($\mu\text{g}/\text{m}^3$)	Cumulative Concentration ($\mu\text{g}/\text{m}^3$)	AAQS Threshold ($\mu\text{g}/\text{m}^3$)
1-hour Carbon Monoxide	State	1,604	2,078.83	3,683	22,900
	Federal	1,604	2,078.83	3,683	40,100
8-hour Carbon Monoxide	State	1,260	1,576.12	2,836	10,300
	Federal	1,260	1,576.12	2,836	10,300
1-hour Sulfur Dioxide	State	20	0.79	21	288
	Federal	20	0.79	21	655
1-hour Nitrogen Dioxide	State	87	1.36	88	339
	Federal	86	1.36	88	188

Source: See Attachment A.

Note: $\mu\text{g}/\text{m}^3$ = microgram per cubic meter.

As shown in Table 6, the results of the ambient air quality analysis showed that concentrations at the maximally exposed receptor would be below the 1-hour and 8-hour state and federal AAQS. Therefore, the Project would not cause or contribute to an exceedance of an ambient air quality standard due to a thermal runaway event.

8 Conclusions

As shown in Section 7, the results of the worst-case thermal runaway analysis show that emissions from the BESS would not result in an acute hazard index greater than the threshold of 1, exceed the AEGL, or exceed any AAQS at the maximally exposed receptor, based on the conservative evaluation of a full unit undergoing thermal runaway. The risk calculations are contained in Attachment A and the dispersion modeling outputs are in Attachment B.

The results determined in this worst-case analysis reflect conservative estimates of source emissions and emission release characteristics (assuming consumption of all cell material in a container, ignoring the deposition or adsorption of compounds, the reactivity and solubility of compounds, fire induced mixing, and plume effective fire based plume rise), available meteorological data near the project site, and the use of currently approved air quality models. There are limits to the use of these available tools for such an analysis, as described herein. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and AVAQMD tend to over-predict potential impacts such that they produce conservative (i.e., health-protective) results. Accordingly, the health impacts would be less than the less than significant impacts described in this assessment. Furthermore, the assumption of one unit undergoing a complete thermal runaway is highly unlikely based on the UL9540A testing and safety systems in place.

As such, the proposed Project would not result in any significant public health or air quality impacts to proximate sensitive receptors.

9 References

- Andersson et al. 2013. Investigation of fire emissions from Li-ion batteries. <https://www.diva-portal.org/smash/get/diva2:962743/FULLTEXT01.pdf>.
- AVAQMD (Antelope Valley Air Quality Management District). 2016. *Antelope Valley AQMD California Environmental Quality Act (CEQA) and Federal Conformity Guidelines*. AVAQMD Planning, Rule Making and Grants Section, Air Monitoring Section. August 2016. Accessed February 2025. <https://avaqmd.ca.gov/files/e5b34d385/AV%20CEQA%20Guides%202016.pdf>.
- Bugrynec et al. 2024. Review of gas emissions from lithium-ion battery thermal runaway failure — Considering toxic and flammable compounds. <https://neveragainmosslanding.org/wp-content/uploads/2025/04/Review-of-gas-emissions-from-lithium-ion-battery-thermal-runaway-failure.pdf>.
- CARB (California Air Resources Board). 2024. "Ambient Air Quality Standards." July 16, 2024. Accessed February 2025. https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_07222024.pdf.
- CCIC-CSA International Certification Co., Ltd. 2023. Cell Test Report UL9540A for Rechargeable Lithium-ion cell, model L173F314. November 17, 2023.

- Claassen et al. 2024. Characterization of Lithium-Ion Battery Fire Emissions—Part 2: Particle Size Distributions and Emission Factors. October 16. <https://www.mdpi.com/2313-0105/10/10/366>.
- DNV GL. 2019. Technical Reference for Li-ion Battery Explosion Risk and Fire Suppression. November 1. https://safety4sea.com/wp-content/uploads/2020/01/DNV-GL-Technical-Reference-for-Li-Ion-Battery-Explosion-Risk-and-Fire-Suppression-2020_01.pdf.
- EPA (United States Environmental Protection Agency). 1993. Hydrogen Fluoride Study: Report to Congress, Section 112(N)(6), Clean Air Act as Amended: Final Report. <https://nepis.epa.gov/Exe/ZyNET.exe/10003920.txt?ZyActionD=ZyDocument&Client=EPA&Index=1991%20Thru%201994&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&UseQField=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5CZYFILES%5CINDEX%20DATA%5C91THRU94%5CTXT%5C00000007%5C10003920.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpf&DefSeekPage=&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=2#>.
- EPA. 2025. “Access Acute Exposure Guideline Levels (AEGs) Values.” Last updated June 2, 2025. Accessed July 2025. <https://www.epa.gov/aegl/access-acute-exposure-guideline-levels-aegls-values#chemicals>.
- IEEE (Institute of Electrical and Electronics Engineers). 2022. IEEE C2 National Electrical Safety Code® (NESC®). August 1, 2022.
- IFC (International Fire Code). 2021. 2021 International Fire Code. November 2021. Accessed May 2024. <https://codes.iccsafe.org/content/IFC2021P1/preface#:~:text=The%20International%20Fire%20Code%20AE,materials%20and%20new%20system%20designs>.
- Jie et al. 2024. “Thermal runaway and combustion characteristics, risk and hazard evaluation of lithium-iron phosphate battery under different thermal runaway triggering modes.” Applied Energy. August 15, 2024. Accessed July 2025. <https://www.sciencedirect.com/science/article/pii/S0306261924008341>.
- Kwon et al 2024. Evaluating Fire and Smoke Risks with Lithium-Ion Cells, Modules, and Batteries. <https://pubs.acs.org/doi/pdf/10.1021/acsenergylett.4c02480>.
- Larsson et al. 2017. Toxic fluoride gas emissions from lithium-ion battery fires. August 30. <https://www.nature.com/articles/s41598-017-09784-z>.
- Liu et al. 2021. Experimental study on thermal runaway and fire behaviors of large format lithium iron phosphate battery. <https://www.sciencedirect.com/science/article/abs/pii/S1359431121003963>.
- Long et al. 2013. Best Practices for Emergency Response to Incidents Involving Electric Vehicles Battery Hazards: A Report on Full-Scale Testing Results. June. https://www.energy.gov/sites/prod/files/2014/02/f8/final_report_nfpa.pdf.
- Nedjalkov et al. 2016. Toxic Gas Emissions from Damaged Lithium Ion Batteries—Analysis and Safety Enhancement Solution. March. <https://www.mdpi.com/2313-0105/2/1/5>.

- NFPA (National Fire Protection Association). 2022. *NFPA 550 Guide to the Fire Safety Concepts Tree*. Accessed May 2024. <https://link.nfpa.org/free-access/publications/550/2022>.
- NFPA. 2023. *NFPA 70 National Electrical Code*. Accessed May 2024. <https://link.nfpa.org/free-access/publications/70/2023>.
- NFPA. 2023. *NFPA 855 Standard for the Installation of Stationary Energy Storage Systems*. Accessed May 2024. <https://link.nfpa.org/free-access/publications/855/2023>
- OEHHA (Office of Environmental Health Hazard Assessment). *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015*. February 2015. Accessed July 2024. http://oehha.ca.gov/air/hot_spots/2015/2015GuidanceManual.pdf.
- OEHHA. 2023. "OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary." October 11, 2023. Accessed July 2025. <https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary>.
- Peng et al. 2020. A comprehensive investigation on the thermal and toxic hazards of large format lithium-ion batteries with LiFePO₄ cathode. January. <https://pubmed.ncbi.nlm.nih.gov/31387075/>.
- Preger et al. 2020. "Degradation of Li-ion Cells Beyond 80% Initial Capacity." Journal of The Electrochemical Society. September 2020. Accessed July 2025. <https://www.powersourcesconference.com/PowerSources23/docs/21-1.pdf>.
- Sturk et al. 2019. Analysis of Li-Ion Battery Gases Vented in an Inert Atmosphere Thermal Test Chamber. September 4. <https://www.mdpi.com/2313-0105/5/3/61>.
- Sungrow. 2024. *Liquid-Cooled PowerTitan 2.0 Battery Energy Storage System White Paper*. Accessed July 2025. <https://us.sungrowpower.com/upload/file/20240821/PowerTitan%20%20WhitePaper.pdf>.
- Sungrow. 2025. Sungrow Battery Energy Storage System (BESS) PowerTitan 2.0 – Large Scale Burn Test Report. April 22.
- Tetra Tech. 2025. Applicant responses to Data Requests REV 1 DR WS/FP/PH-1 through 4 and REV2 DR ALT-1 through 2. Corby Battery Energy Storage System Project. October 3.
- TUVRheinland, 2024. Unit Test Report UL9540A for Sungrow Power Supply Co., Ltd. PowerTitan 2.0. November 20, 2023.
- UL (Underwriters Laboratories). 2019. *UL9540A ANSI/CAN/UL Standard for Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems*. November 12, 2019. Accessed May 2024. https://www.shopulstandards.com/ProductDetail.aspx?productId=UL9540A_4_S_20191112
- UL. 2022. *UL1973 Batteries for Use in Stationary and Motive Auxiliary Power Applications*. February 25, 2022. Accessed May 2024. https://www.shopulstandards.com/ProductDetail.aspx?productId=UL1973_3_S_20220225

UL. 2023. *UL1741 Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources*. May 19, 2023. Accessed May 2024.
https://www.shopulstandards.com/ProductDetail.aspx?productId=UL1741_3_S_20210928

UL. 2023. *UL9540 Standard for Energy Storage Systems and Equipment*. June 28, 2023. Accessed May 2024.
<https://www.shopulstandards.com/ProductDetail.aspx?UniqueKey=36788>

Utility Dive News. 2024. "US energy storage deployments jumped 86% year over year to 10.5 GWh in Q2: ACP/WoodMac." October 8, 2024. Accessed July 2025. <https://www.utilitydive.com/news/us-battery-energy-storage-deployments-jump/729248/>.

Attachment A

Emission Calculations

Prairie Song BESS Project
Thermal Runaway - Emissions and Modeling Parameters

TAC Emission Calculations

Pollutant	Chemical Formula	CAS	Volume of gas (L)		Molar Mass (g/mol)	Density (g/L)	Density (kg/L)	Mass for Unit Thermal Runaway			Acute REL (µg/m3)	AEGL (ppm)	AEGL (µg/m3)
			Measured %	Cell				kg	lb	lb/hr			
Methane	CH4	74-82-8	6.421%	12.33	16.04	1.03	0.001	63.65	140.03	5.00	NA	NA	NA
Acetylene	C2H2	74-86-2	0.339%	0.65	26.04	1.68	0.002	5.46	12.00	0.43	NA	NA	NA
Ethylene	C2H4	74-85-1	3.827%	7.35	28.05	1.81	0.002	66.34	145.95	5.21	NA	NA	NA
Ethane	C2H6	74-84-0	0.996%	1.91	30.07	1.94	0.002	18.51	40.72	1.45	NA	NA	NA
Propylene	C3H6	115-07-1	1.227%	2.36	42.08	2.71	0.003	31.91	70.20	2.50	NA	NA	NA
Propane	C3H8	74-98-6	0.322%	0.62	44.10	2.84	0.003	8.78	19.31	0.69	NA	5,500	9,919,571
Hydrogen Cyanide ¹	HCN	74-90-8	0.286%	0.55	27.03	1.74	0.002	4.77	10.50	0.37	340	2	2,211
Isobutane	C4H10	75-28-5	0.013%	0.02	58.12	3.75	0.004	0.47	1.03	0.04	NA	NA	NA
Butane	C4H10	106-97-8	0.091%	0.17	58.12	3.75	0.004	3.27	7.19	0.26	NA	5,500	13,074,029
Isobutene	C4H8	115-11-7	0.085%	0.16	56.11	3.62	0.004	2.95	6.48	0.23	NA	NA	NA
Trans butene	C4H8	624-64-6	0.322%	0.62	56.11	3.62	0.004	11.17	24.57	0.88	NA	NA	NA
n-Butene	C4H8	106-98-9	0.140%	0.27	56.11	3.62	0.004	4.85	10.68	0.38	NA	NA	NA
Pentane	C5H12	109-66-0	0.110%	0.21	72.15	4.65	0.005	4.90	10.79	0.38	NA	NA	NA
Isopentane	C5H12	78-78-4	0.007%	0.01	72.15	4.65	0.005	0.31	0.69	0.02	NA	NA	NA
2-methyl-1,3-butadiene	C5H8	78-79-5	0.014%	0.03	68.12	4.39	0.004	0.59	1.30	0.05	NA	NA	NA
Carbon Monoxide	CO	630-08-0	13.924%	26.73	28.01	1.81	0.002	241.03	530.28	18.92	23,000	NA	NA
Carbon Dioxide	CO2	124-38-9	27.237%	52.30	44.01	2.84	0.003	740.80	1,629.77	58.14	NA	NA	NA
Hydrogen	H2	1333-74-0	44.925%	86.26	2.02	0.13	0.000	55.97	123.14	4.39	NA	NA	NA
Check sum			100.00%	192.00									
			Total Volume of Gas		192.00								
Pollutant	Chemical Formula	CAS	Mass for Unit Thermal Runaway					Total Emissions, lbs	lb/hr	Acute REL (ppm)	Acute REL (µg/m3)	AEGL (ppm)	AEGL (µg/m3)
			mg/m ³	mg/kg	mg/lb	lb/lb	g						
Hydrogen fluoride ^{2,3}	HF	7664393		631.86	286.61	0.00063		38.68	1.38	0.293	240	1	818
Hydrochloric Acid ²	HCL	7647010		170.43	77.31	0.00017		10.43	0.37	1.41	2100	1.8	2,683
Pollutant	Chemical Formula	CAS	10 meters (ppm)	20 meters (ppm)									
Benzene ⁴	C6H6	71432	0.12	0.17						0.0084	27	52	166,090
Formaldehyde ⁴	CH2O	50000	0.15	0.25						0.045	55	0.9	1,104
Toluene ⁴	C7H8	108883	0.17	0.19						1.33	5000	67	251,920
Sulfur Dioxide ⁴	SO2	7446095	0.02	0.02						0.252	660	0.2	571
Nitrogen Dioxide ⁴	NO2	10102440	0.03	0.04						0.25	470	0.5	942

Source: Gas Composition based on Cell Test Report UL 9540A.
AEGLs are based on 60 minute exposure period
¹ Emission concentrations from Technical Reference for Li-ion Battery Explosion Risk and Fire Suppression, DNV GL 2019
² Emission concentrations from the Experimental study on thermal runaway and fire behaviors of large format lithium iron phosphate battery, Liu et al 2021.
³ Includes application of the HF reduction factor.
⁴ Emission concentrations averaged from the Sungrow Battery Energy Storage System PowerTitan 2.0 - Large Scale Burn Test Report, Sungrow Power Supply Co., LTD. 2025.

Number of Cells/Module	104	cells/module (from UL9540 test data)
	8	modules per rack
	6	racks per unit
	4,992	cells per unit
	12.26	Battery weight per cell (lb)
	61,201.92	Battery weight entire unit (lb)
	28.03	hours of venting (from LSFT data)
	28.03	hours of venting
	1,000	degrees C, sustained temperature at ceiling of container from LSFT
	99	PSIG (from UL9540 test data)
	0.5	conservative reduction factor from pouch to cylindrical cells

Pouch to Cylindrical Reduction Factor						
Battery	Cell Type	HF (mg/Wh)	Average (mg/Wh)	Average by Cell Type (mg/Wh)	Calculated Reduction Factor	Modeled Reduction Factor
B	Pouch	150-198	174	137.8	0.75	0.5
C	Pouch	43-160	101.5			
D	Cylindrical	12-24	18	35		
E	Cylindrical	52	52			

Source: Toxic fluoride gas emissions from lithium-ion battery fires, Larsson 2017

Density Calculation:		Source:
p=PM/RT		UL9540A
P	6.74 atm	
M	Molar Mass g/mol	
R	0.08206 L.atm/K.mol	constant
T	1,273.2 K	UL9540A

AERMOD Parameters

AERMOD Source Name	Equipment Description	UTM X (m)	UTM Y (m)	Release Height (m)	Emission Rate (g/s)	Source Length (m)	Building Length (m)	Building Height (m)	Building Width (m)	Line Source Width (m)	FPRIME (m ² /s ²)
BLINE1	Battery Container Vent	394880.53	3816417.74	2.9	1.0	4.8	6.058	2.9000	2.400	2.400	111.53

Notes:
Gas exhaust temperature based on the sustained temperature at ceiling of container from LSFT
Release height (stack height) and diameter based on SunGrow PowerTitan 2.0 ST5015UX-US Battery Container Specifications

Conversions:		
1 liter =	0.03531	ft ³
1 meter =	1,000	mm
1 MPa =	9.87	atm
K =	degrees C + 273.15	
1 PSIG =	0.068046	atm

Receptors - Off-Site Nested Grid	
Distance from Bounding Box (m)	Spacing (m)
0	25
100	25
250	50
500	100
1,000	250
2,000	500
6,000	1,500

Meteorological Data			
Station Name	Years	Elev (m)	
KPMD	Palmdale	2016-2020	769.2
KPMD from https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files			
Other Model Assumption			
Rural or Urban	Rural		
Urban Grp Pop	N/A		
Variable Emissions	N/A		
Terrain Data	NED 1		
Lakes Version	13.0		
AERMOD Version	24142		

2.2.3 Ventilation Design

The battery container intakes air from the front / top side and expels it from the top, as shown below.

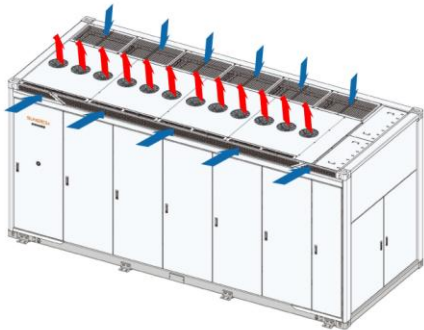


Figure 2-5 Schematic diagram of ventilation

2.2.2 Mechanical Parameters

Dimensions

The external dimensions of the container are shown in the figure.



Figure 2-3 Dimensions of battery container

Height =	2896 mm
	2.896 m
Cabinet width =	6058 mm
Per panel estimate =	1211.6 mm
2x vent diameter =	605.8 mm
Vent Diameter =	300.09 mm
Vents per container =	12

Prairie Song BESS Project
Thermal Runaway Analysis Results

Table 1. Max Emission Rates for Project - Entire Unit Thermal Runaway

Max Rates	Propane	Butane	Carbon Monoxide	Hydrogen fluoride	Hydrogen Cyanide	Hydrochloric Acid
Hourly Max, g/s	0.09	0.03	2.38	0.17	0.05	0.05
Hourly Max lbs/hr	0.69	0.26	18.92	1.38	0.37	0.37

Table 2. LSFT AERMOD Impact X/Q, (µg/m³)/(g/s)

MEIR	Receptor at 10 m downwind	Receptor at 20 m downwind
Max 1-Hour		
131.27	14,171.75	6,493.89
Distance Scaler (MEIR divided by downwind receptor concentration)	0.01	0.02

Note: These concentrations are based on the AERMOD Results Summary Report for wind between 0 and 2.7 meters per second, consistent with the LSFT sampling conditions.

Table 3. Average Concentration For Project from LSFT (ppm)

Analysis	Benzene	Formaldehyde	Toluene	Sulfur Dioxide	Nitrogen Dioxide
From LSFT 10 meters	0.12	0.15	0.17	0.02	0.03
Scaled to MEIR (91 meters)	0.001	0.001	0.002	0.0001	0.0003
From LSFT 20 meters	0.17	0.25	0.19	0.02	0.04
Scaled to MEIR (91 meters)	0.003	0.005	0.004	0.0003	0.0007
Maximum Scaled (10 or 20 meters)	0.003	0.005	0.004	0.0003	0.0007
Maximum Scaled (10 or 20 meters µg/m³)	11.2	6.2	14.33	0.79	1.36

Table 4. AERMOD Maximum Impact X/Q, (µg/m³)/(g/s)

MEIR	
Max 1-Hour	Max 8-Hour
872.12	661.22

Note: These concentrations are based on the AERMOD Results Summary Report

Table 5. Project Contribution Concentrations (µg/m3)

Pollutant	CAS No.	Hr. Max (g/s)	X/Q (µg/m3)/(g/s)	Project Concentration (µg/m3)	REL (µg/m3)	AEGL (µg/m3)	Project Exceed REL or AEGL?	Acute Hazard Quotient	Health Endpoint
		(from Table 1)	(from Table 2)						
Propane	74986	0.087	872.12	75.68	NA	9,919,571	No	NA	NA
Butane	106978	0.032	872.12	28.19	NA	13,074,029	No	NA	NA
Carbon Monoxide	630080	2.38	872.12	2,078.83	23,000	NA	No	0.09	cardiovascular
Hydrogen fluoride	7664393	0.17	872.12	151.63	240	818	No	0.63	respiratory, eye
Hydrogen Cyanide	74908	0.05	872.12	41.16	340	2,208	No	0.12	central nervous system
Hydrochloric Acid	7647010	0.05	872.12	40.90	2,100	2,683	No	0.02	respiratory, eye
Benzene	71432	NA	NA	11.16	27	166,090	No	0.41	immunological, reproductive, blood
Formaldehyde	50000	NA	NA	6.22	55	1,104	No	0.11	eye
Toluene	108883	NA	NA	14.33	5,000	251,920	No	0.003	central nervous system, respiratory, eye
Sulfur Dioxide	7446095	NA	NA	0.79	660	571	No	0.001	respiratory
Oxides of Nitrogen	10102440	NA	NA	1.36	470	942	No	0.003	respiratory
							Hazard Index	0.77	

Notes: The hazard index represents the highest combined common endpoints.

Table 6. AAQA for Prairie Song BESS Project

Impact Parameter	Applicable Standard	Project Area Maximum Background Concentration (Years 2021-2023)		Max Project Contribution (µg/m3)	Cumulative Concentration (µg/m3)	AAQS Threshold (µg/m3)	Exceed AAQS Threshold?
		ppmv	µg/m³				
1-hour CO	State	1.4	1,604	2,078.83	3,683	22,900	No
	Federal	1.4	1,604	2,078.83	3,683	40,100	No
8-hour CO	State	1.1	1,260	1,576.12	2,836	10,300	No
	Federal	1.1	1,260	1,576.12	2,836	10,300	No
1-hour SO₂	State	0.01	20	0.79	21	288	No
	Federal	0.01	20	0.79	21	655	No
1-hour NO₂	State	0.05	87	1.36	88	339	No
	Federal	0.05	86	1.36	88	188	No

Sources:

CARB. 2024. "Ambient Air Quality Standards." July 16, 2024. Accessed February 2025. https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_07222024.pdf.
CARB. 2025. "Ambient Air Quality Data – Trends Summary" [digital CARB data]. iADAM: Air Quality Data Statistics. Accessed February 2025. <https://arb.ca.gov/adam/trends/trends1.php>.
EPA. 2025. "AirData: Access to Air Pollution Data." Last updated January 8, 2025. Accessed February 2025. <https://www.epa.gov/outdoor-air-quality-data/monitor-values-report>.
SJVAPCD. 2024. APR 1925 (Policy for District Rule 2201 AAQA Modeling). Approved April 2014 and revised May 2024. Accessed April 2025. <https://ww2.valleyair.org/media/341f4sn/apr-1925-rule-2201-aaqa-modeling-may-2024.pdf>

Attachment B

Dispersion Modeling Outputs

Table of Contents

Prairie Song Plume StudyLSBTADO	2
Prairie Song Plume StudyLSBTsum	72
Prairie Song Plume Study UnitADO	119
Prairie Song Plume StudyUnitsum	2702

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/4/2026
** File: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Prairie Song\Prairie
Song Plume Study - SB\Prairie Song Plume Study.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Prairie Song Plume Study
  TITLETWO Prairie Song BESS Plume Study
  MODELOPT DFAULT CONC
  AVERTIME 1 8 24
  POLLUTID ALL
  RUNORNOT RUN
  ERRORFIL "Prairie Song Plume Study.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION BLINE1      BUOYLINE    394820.108    3816352.978    394824.886
3816352.978      922.410
** Source Parameters **
  SRCPARAM BLINE1          1.0      2.900
  BLPINPUT      6.058      2.900      2.400      2.400      3.000      111.530
  BLPGROUP ALL
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**

```

```

**
RE STARTING
  INCLUDED "Prairie Song Plume Study.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE "Met Data\Palmdale KPMD_723820_23182\col16_only_1.75_else_999.sfc"
  PROFFILE "Met Data\Palmdale KPMD_723820_23182\col8_only_1.75_else_999.pfl"
  SURFDATA 23182 2016
  UAIRDATA 3190 2016
  PROFBASE 769.2 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  RECTABLE 8 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "PRAIRIE SONG PLUME STUDY.AD\01H1GALL.PLT" 31
  PLOTFILE 8 ALL 1ST "PRAIRIE SONG PLUME STUDY.AD\08H1GALL.PLT" 32
  PLOTFILE 24 ALL 1ST "PRAIRIE SONG PLUME STUDY.AD\24H1GALL.PLT" 33
  SUMMFILE "Prairie Song Plume Study.sum"
OU FINISHED

```

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

```

A Total of          0 Fatal Error Message(s)
A Total of          3 Warning Message(s)
A Total of          0 Informational Message(s)

```

```

***** FATAL ERROR MESSAGES *****
      ***   NONE   ***

```

```

***** WARNING MESSAGES *****

```


RE W476 11 BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL)
ME W186 24 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
ME W187 24 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** *** MODEL SETUP OPTIONS SUMMARY

**- - - - -
** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: ALL

**Model Calculates 3 Short Term Average(s) of: 1-HR 8-HR 24-HR

**This Run Includes: 1 Source(s); 1 Source Group(s); and 182
Receptor(s)

with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)

and: 0 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 1 BUOYANT LINE source(s) with a total of 1 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 21112

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and
Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 769.20 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Prairie Song Plume Study.err

**File for Summary of Results: Prairie Song Plume Study.sum

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 2

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

*** BUOYANT LINE SOURCE DATA ***

RELEASE SOURCE HEIGHT ID (METERS)	URBAN SOURCE ID	NUMBER EMISSION PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	FIRST COORD X (METERS)	FIRST COORD Y (METERS)	SECOND COORD X (METERS)	SECOND COORD Y (METERS)	BASE ELEV. (METERS)

BLINE1 2.90	NO	0	0.10000E+01	394820.1	3816353.0	394824.9	3816353.0	922.4

BL GRP BUOYANCY	AVG BLDG LENGTH (METERS)	AVG BLDG HEIGHT (METERS)	AVG BLDG WIDTH (METERS)	AVG LINE WIDTH (METERS)	AVG SEPARATION BETWEEN LINES (METERS)	AVG (METER**4/SEC**3)

ALL	6.1	2.9	2.4	2.4	3.0	111.5

*** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume Study
 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 10:03:28

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

ALL BLINE1 ,
 *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume Study
 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 10:03:28

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(394827.0, 3816360.5, 922.6, 1439.5, 0.0);	(394833.9,
3816367.7, 923.1, 1439.5, 0.0);	
(394942.7, 3816483.9, 930.4, 1439.5, 0.0);	(394422.1,
3816355.7, 908.5, 1439.5, 0.0);	
(394431.5, 3816074.0, 905.1, 1439.5, 0.0);	(394505.9,
3816102.4, 907.9, 1439.5, 0.0);	
(394845.9, 3816316.9, 921.6, 1439.5, 0.0);	(394852.0,
3816171.6, 911.4, 1439.5, 0.0);	
(394938.5, 3816190.8, 911.8, 1439.5, 0.0);	(395146.9,
3816228.0, 916.8, 1353.8, 0.0);	
(395229.3, 3816259.6, 917.2, 1353.8, 0.0);	(395297.2,
3816294.9, 917.4, 1353.8, 0.0);	
(395477.2, 3816464.8, 924.4, 1353.8, 0.0);	(395717.9,
3816659.6, 932.6, 1606.9, 0.0);	
(395767.2, 3816761.3, 942.2, 1353.8, 0.0);	(395838.9,
3816885.8, 942.9, 1353.8, 0.0);	
(395978.5, 3816995.2, 946.7, 1353.8, 0.0);	(395965.3,
3817016.0, 952.6, 1353.8, 0.0);	
(395897.4, 3816995.2, 959.7, 1353.8, 0.0);	(395671.0,
3816874.5, 948.5, 1439.5, 0.0);	
(395625.3, 3816856.0, 947.5, 1439.5, 0.0);	(395595.4,
3816805.5, 944.9, 1439.5, 0.0);	
(395062.3, 3816461.6, 928.8, 1439.5, 0.0);	(394631.5,
3816455.7, 918.2, 1439.5, 0.0);	
(394629.6, 3816359.4, 915.5, 1439.5, 0.0);	(394422.9,
3816332.2, 908.2, 1439.5, 0.0);	
(394423.7, 3816308.7, 908.1, 1439.5, 0.0);	(394424.5,
3816285.2, 908.1, 1439.5, 0.0);	
(394425.3, 3816261.8, 908.1, 1439.5, 0.0);	(394426.0,
3816238.3, 908.0, 1439.5, 0.0);	
(394426.8, 3816214.8, 907.9, 1439.5, 0.0);	(394427.6,
3816191.4, 907.8, 1439.5, 0.0);	
(394428.4, 3816167.9, 907.7, 1439.5, 0.0);	(394429.2,
3816144.4, 907.4, 1439.5, 0.0);	
(394430.0, 3816120.9, 907.0, 1439.5, 0.0);	(394430.8,
3816097.5, 906.4, 1439.5, 0.0);	
(394450.1, 3816081.1, 905.9, 1439.5, 0.0);	(394468.7,
3816088.2, 906.8, 1439.5, 0.0);	
(394487.3, 3816095.3, 907.3, 1439.5, 0.0);	(394525.9,
3816115.0, 908.8, 1439.5, 0.0);	
(394545.9, 3816127.6, 909.5, 1439.5, 0.0);	(394565.9,
3816140.3, 910.3, 1439.5, 0.0);	
(394585.9, 3816152.9, 911.1, 1439.5, 0.0);	(394605.9,
3816165.5, 911.9, 1439.5, 0.0);	
(394625.9, 3816178.1, 912.6, 1439.5, 0.0);	(394645.9,

```

3816190.7,    913.3,    1439.5,    0.0);
    ( 394665.9, 3816203.3,    914.1,    1439.5,    0.0);    ( 394685.9,
3816215.9,    914.8,    1439.5,    0.0);
    ( 394705.9, 3816228.6,    915.6,    1439.5,    0.0);    ( 394725.9,
3816241.2,    916.4,    1439.5,    0.0);
    ( 394745.9, 3816253.8,    917.2,    1439.5,    0.0);    ( 394765.9,
3816266.4,    918.1,    1439.5,    0.0);
    ( 394785.9, 3816279.0,    918.9,    1439.5,    0.0);    ( 394805.9,
3816291.6,    919.7,    1439.5,    0.0);
    ( 394825.9, 3816304.2,    920.6,    1439.5,    0.0);    ( 394846.9,
3816292.6,    920.8,    1439.5,    0.0);
    ( 394847.9, 3816268.4,    919.9,    1439.5,    0.0);    ( 394849.0,
3816244.2,    919.2,    1439.5,    0.0);
    ( 394850.0, 3816220.0,    917.4,    1439.5,    0.0);    ( 394851.0,
3816195.8,    914.7,    1439.5,    0.0);
    ( 394873.6, 3816176.4,    911.8,    1439.5,    0.0);    ( 394895.3,
3816181.2,    911.7,    1439.5,    0.0);
    ( 394916.9, 3816186.0,    911.4,    1439.5,    0.0);    ( 394961.7,
3816194.9,    912.5,    1439.5,    0.0);
    ( 394984.8, 3816199.0,    913.2,    1439.5,    0.0);    ( 395008.0,
3816203.2,    913.8,    1439.5,    0.0);
    ( 395031.1, 3816207.3,    915.1,    1439.5,    0.0);    ( 395054.3,
3816211.4,    917.6,    1439.5,    0.0);
    ( 395077.5, 3816215.6,    919.6,    1353.8,    0.0);    ( 395100.6,
3816219.7,    918.5,    1353.8,    0.0);
    ( 395123.8, 3816223.9,    917.0,    1426.7,    0.0);    ( 395167.5,
3816235.9,    916.9,    1353.8,    0.0);
    ( 395188.1, 3816243.8,    917.0,    1353.8,    0.0);    ( 395208.7,
3816251.7,    917.3,    1353.8,    0.0);
    ( 395246.2, 3816268.4,    917.6,    1353.8,    0.0);    ( 395263.2,
3816277.2,    918.0,    1353.8,    0.0);
    ( 395280.2, 3816286.1,    918.0,    1353.8,    0.0);    ( 395315.2,
3816311.9,    918.4,    1353.8,    0.0);
    ( 395333.2, 3816328.9,    918.6,    1353.8,    0.0);    ( 395351.2,
3816345.9,    919.7,    1353.8,    0.0);
    ( 395369.2, 3816362.9,    920.4,    1353.8,    0.0);    ( 395387.2,
3816379.8,    921.4,    1353.8,    0.0);
    ( 395405.2, 3816396.8,    921.7,    1353.8,    0.0);    ( 395423.2,
3816413.8,    922.4,    1353.8,    0.0);
    ( 395441.2, 3816430.8,    923.1,    1353.8,    0.0);    ( 395459.2,
3816447.8,    923.4,    1426.7,    0.0);
    ( 395495.8, 3816479.8,    924.7,    1426.7,    0.0);    ( 395514.3,
3816494.8,    925.4,    1353.8,    0.0);
    ( 395532.8, 3816509.8,    926.0,    1353.8,    0.0);    ( 395551.3,
3816524.8,    926.8,    1353.8,    0.0);
^ *** AERMOD - VERSION 24142 ***    *** C:\Lakes\AERMOD View\Prairie Song Plume
Study                                ***    02/04/26
*** AERMET - VERSION 21112 ***    *** Prairie Song BESS Plume Study
***                                ***    10:03:28

```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(395569.8, 3816539.8, 927.3, 1353.8, 0.0);	(395588.3,
3816554.7, 927.7, 1353.8, 0.0);	
(395606.8, 3816569.7, 928.2, 1353.8, 0.0);	(395625.3,
3816584.7, 929.1, 1606.1, 0.0);	
(395643.8, 3816599.7, 929.8, 1606.1, 0.0);	(395662.4,
3816614.7, 930.8, 1606.1, 0.0);	
(395680.9, 3816629.7, 931.4, 1606.1, 0.0);	(395699.4,
3816644.6, 932.1, 1606.1, 0.0);	
(395727.8, 3816680.0, 935.3, 1353.8, 0.0);	(395737.6,
3816700.3, 937.6, 1353.8, 0.0);	
(395747.5, 3816720.6, 939.2, 1353.8, 0.0);	(395757.4,
3816740.9, 941.1, 1353.8, 0.0);	
(395779.2, 3816782.0, 943.1, 1353.8, 0.0);	(395791.1,
3816802.8, 943.7, 1353.8, 0.0);	
(395803.1, 3816823.5, 943.5, 1353.8, 0.0);	(395815.0,
3816844.3, 942.5, 1353.8, 0.0);	
(395827.0, 3816865.0, 942.4, 1353.8, 0.0);	(395856.4,
3816899.5, 942.1, 1439.5, 0.0);	
(395873.8, 3816913.1, 943.9, 1353.8, 0.0);	(395891.3,
3816926.8, 945.4, 1353.8, 0.0);	
(395908.7, 3816940.5, 947.1, 1353.8, 0.0);	(395926.2,
3816954.2, 949.0, 1353.8, 0.0);	
(395943.6, 3816967.9, 948.4, 1353.8, 0.0);	(395961.1,
3816981.5, 946.9, 1353.8, 0.0);	
(395942.7, 3817009.0, 954.8, 1353.8, 0.0);	(395920.0,
3817002.1, 958.2, 1353.8, 0.0);	
(395876.8, 3816984.2, 958.5, 1353.8, 0.0);	(395856.2,
3816973.3, 957.1, 1353.8, 0.0);	
(395835.7, 3816962.3, 956.1, 1353.8, 0.0);	(395815.1,
3816951.3, 955.3, 1353.8, 0.0);	
(395794.5, 3816940.3, 954.8, 1353.8, 0.0);	(395773.9,
3816929.3, 953.6, 1353.8, 0.0);	
(395753.3, 3816918.4, 952.2, 1353.8, 0.0);	(395732.8,
3816907.4, 950.9, 1353.8, 0.0);	
(395712.2, 3816896.4, 949.9, 1439.5, 0.0);	(395691.6,
3816885.4, 948.9, 1439.5, 0.0);	
(395648.2, 3816865.2, 948.0, 1439.5, 0.0);	(395615.3,
3816839.1, 946.9, 1439.5, 0.0);	
(395605.4, 3816822.3, 945.9, 1439.5, 0.0);	(395574.9,
3816792.2, 944.1, 1439.5, 0.0);	
(395554.4, 3816779.0, 943.4, 1439.5, 0.0);	(395533.9,
3816765.8, 942.7, 1439.5, 0.0);	
(395513.4, 3816752.6, 942.2, 1439.5, 0.0);	(395492.9,

10:03:28

PAGE 6

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U* BUOYLINE

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
      (METERS)

```

```
( 394468.2, 3816356.5, 909.9, 1439.5, 0.0); ( 394445.2,
3816356.1, 909.2, 1439.5, 0.0);
*** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28
```

PAGE 7

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** METEOROLOGICAL DAYS SELECTED FOR

PROCESSING ***

(1=YES; 0=NO)

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

CATEGORIES ***

(METERS/SEC)

10.80, 1.54, 3.09, 5.14, 8.23,


```

^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Prairie Song Plume
Study                                ***      02/04/26
*** AERMET - VERSION 21112 ***      *** Prairie Song BESS Plume Study
***                                ***      10:03:28

```

PAGE 8

```
*** MODELOPTs:      RegDFAULT  CONC  ELEV  RURAL  ADJ_U*  BUOYLINE
```

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: Met Data\Palmdale KPMD_723820_23182\col16_only_1.75_else_999.sfc

Met Version: 21112

Profile file: Met Data\Palmdale KPMD_723820_23182\col8_only_1.75_else_999.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 23182

Name: UNKNOWN

Upper air station no.: 3190

Name: UNKNOWN

Year: 2016

Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							

16	01	01	1	01	-7.9	0.120	-9.000	-9.000	-999.	100.	18.2	0.04	2.10
1.00	999.00	306.			10.0	269.9	2.0						
16	01	01	1	02	-8.5	0.125	-9.000	-9.000	-999.	106.	19.0	0.04	2.10
1.00	999.00	320.			10.0	270.4	2.0						
16	01	01	1	03	-6.0	0.104	-9.000	-9.000	-999.	81.	15.6	0.04	2.10
1.00	999.00	342.			10.0	269.2	2.0						
16	01	01	1	04	-14.7	0.166	-9.000	-9.000	-999.	162.	30.2	0.04	2.10
1.00	999.00	348.			10.0	269.2	2.0						
16	01	01	1	05	-5.6	0.103	-9.000	-9.000	-999.	81.	16.3	0.07	2.10
1.00	999.00	291.			10.0	268.1	2.0						
16	01	01	1	06	-8.7	0.130	-9.000	-9.000	-999.	112.	20.8	0.08	2.10
1.00	999.00	212.			10.0	265.9	2.0						
16	01	01	1	07	-4.6	0.094	-9.000	-9.000	-999.	69.	14.9	0.08	2.10
1.00	999.00	237.			10.0	265.4	2.0						
16	01	01	1	08	-6.4	0.116	-9.000	-9.000	-999.	95.	20.2	0.07	2.10
0.58	999.00	280.			10.0	268.1	2.0						
16	01	01	1	09	23.8	0.190	0.350	0.006	60.	198.	-23.8	0.04	2.10
0.35	999.00	314.			10.0	272.5	2.0						
16	01	01	1	10	86.5	0.191	0.897	0.005	278.	201.	-6.7	0.04	2.10
0.27	999.00	316.			10.0	274.2	2.0						
16	01	01	1	11	130.5	0.179	1.276	0.005	529.	182.	-3.7	0.04	2.10

0.24	999.00	355.	10.0	276.4	2.0								
16	01	01	1	12	152.4	0.236	1.449	0.005	663.	275.	-7.2	0.04	2.10
0.23	999.00	3.	10.0	278.1	2.0								
16	01	01	1	13	151.1	0.249	1.731	0.005	1140.	299.	-8.5	0.04	2.10
0.24	999.00	22.	10.0	279.9	2.0								
16	01	01	1	14	126.6	0.243	1.735	0.011	1371.	288.	-9.4	0.05	2.10
0.25	999.00	38.	10.0	280.4	2.0								
16	01	01	1	15	79.8	0.204	1.509	0.012	1429.	221.	-8.7	0.05	2.10
0.28	999.00	49.	10.0	280.4	2.0								
16	01	01	1	16	15.5	0.185	0.876	0.013	1440.	191.	-33.8	0.05	2.10
0.37	999.00	42.	10.0	280.4	2.0								
16	01	01	1	17	-17.9	0.208	-9.000	-9.000	-999.	227.	47.4	0.04	2.10
0.64	999.00	22.	10.0	278.8	2.0								
16	01	01	1	18	-15.1	0.170	-9.000	-9.000	-999.	168.	31.6	0.04	2.10
1.00	999.00	352.	10.0	278.1	2.0								
16	01	01	1	19	-6.9	0.113	-9.000	-9.000	-999.	92.	17.3	0.04	2.10
1.00	999.00	336.	10.0	277.0	2.0								
16	01	01	1	20	-12.3	0.156	-9.000	-9.000	-999.	148.	26.8	0.07	2.10
1.00	999.00	284.	10.0	275.9	2.0								
16	01	01	1	21	-14.5	0.170	-9.000	-9.000	-999.	168.	31.7	0.07	2.10
1.00	999.00	288.	10.0	275.4	2.0								
16	01	01	1	22	-13.8	0.162	-9.000	-9.000	-999.	156.	28.8	0.04	2.10
1.00	999.00	322.	10.0	275.9	2.0								
16	01	01	1	23	-19.3	0.203	-9.000	-9.000	-999.	220.	45.5	0.07	2.10
1.00	999.00	296.	10.0	274.2	2.0								
16	01	01	1	24	-9.4	0.132	-9.000	-9.000	-999.	116.	20.4	0.04	2.10
1.00	999.00	320.	10.0	275.4	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
16	01	01	01	10.0	1	306.	-99.00	269.9	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)

394826.99	3816360.50	0.00053 (17040516)	394833.91
3816367.66	0.03628 (17040516)		
394942.70	3816483.91	0.01555 (17040516)	394422.12
3816355.67	1.07724 (18031115)		
394431.55	3816074.00	0.02162 (18031115)	394505.88
3816102.42	0.00709 (18031115)		
394845.91	3816316.86	110.98389 (17121110)	394851.99
3816171.62	6.80910 (18050510)		
394938.55	3816190.78	7.36502 (17121110)	395146.90
3816227.99	5.73713 (20033014)		
395229.26	3816259.58	2.73643 (17040516)	395297.19
3816294.88	4.81895 (17040516)		
395477.24	3816464.82	5.50100 (17040516)	395717.89
3816659.64	1.32732 (17040516)		
395767.24	3816761.28	0.63514 (17040516)	395838.93
3816885.79	0.23365 (17040516)		
395978.53	3816995.21	0.11099 (17040516)	395965.33
3817015.97	0.08973 (17040516)		
395897.41	3816995.21	0.09298 (17040516)	395671.02
3816874.47	0.17756 (17040516)		
395625.29	3816855.97	0.18905 (17040516)	395595.43
3816805.48	0.32378 (17040516)		
395062.29	3816461.56	2.74866 (17040516)	394631.53
3816455.66	0.00000 (00000000)		
394629.64	3816359.44	0.54823 (18031115)	394422.91
3816332.20	1.42382 (18031115)		
394423.69	3816308.73	1.67870 (18031115)	394424.48
3816285.25	1.75947 (18031115)		
394425.26	3816261.78	1.64049 (18031115)	394426.05
3816238.31	1.36394 (18031115)		
394426.83	3816214.84	1.01973 (18031115)	394427.62
3816191.36	0.68744 (18031115)		
394428.41	3816167.89	0.41886 (18031115)	394429.19
3816144.42	0.23119 (18031115)		
394429.98	3816120.95	0.11577 (18031115)	394430.76
3816097.47	0.05272 (18031115)		
394450.13	3816081.11	0.01698 (18031115)	394468.71
3816088.21	0.01302 (18031115)		
394487.30	3816095.32	0.00974 (18031115)	394525.88
3816115.03	0.00627 (18031115)		
394545.88	3816127.65	0.00531 (18031115)	394565.89
3816140.26	0.00431 (18031115)		
394585.89	3816152.88	0.00493 (16072010)	394605.89
3816165.49	0.00778 (16072010)		

394625.89	3816178.10	0.01257	(16072010)	394645.89
3816190.72	0.02142	(16072010)		
394665.89	3816203.33	0.03975	(16072010)	394685.90
3816215.95	0.07701	(16072010)		
394705.90	3816228.56	0.15751	(16072010)	394725.90
3816241.18	0.34771	(16072010)		
394745.90	3816253.79	0.80808	(16072010)	394765.90
3816266.40	2.03124	(16072010)		
394785.90	3816279.02	7.39462	(16072010)	394805.91
3816291.63	27.11473	(16072010)		
394825.91	3816304.25	65.24427	(18050510)	394846.92
3816292.65	30.73036	(17121110)		
394847.94	3816268.45	10.64625	(18050510)	394848.95
3816244.24	9.76146	(18050510)		
394849.96	3816220.03	8.99641	(18050510)	394850.98
3816195.83	7.94908	(18050510)		
394873.63	3816176.41	5.20833	(18050510)	394895.27
3816181.20	6.43042	(17121110)		
394916.91	3816185.99	7.44951	(17121110)	394961.70
3816194.91	6.18464	(17121110)		
394984.85	3816199.05	6.44394	(20033014)	395008.00
3816203.18	7.74851	(20033014)		
395031.15	3816207.32	8.65649	(20033014)	395054.30
3816211.45	9.01998	(20033014)		
395077.45	3816215.59	8.79917	(20033014)	395100.60
3816219.72	7.84434	(20033014)		
395123.75	3816223.86	6.72540	(20033014)	395167.49
3816235.89	4.67342	(20033014)		
395188.08	3816243.79	3.71730	(20033014)	395208.67
3816251.68	2.91940	(20033014)		
395246.24	3816268.41	3.31094	(17040516)	395263.23
3816277.23	3.85706	(17040516)		
395280.21	3816286.06	4.32811	(17040516)	395315.20
3816311.87	5.76323	(17040516)		
395333.20	3816328.87	6.51034	(17040516)	395351.21
3816345.86	7.06940	(17040516)		

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 10

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

X-COORD (M) Y-COORD (M)		Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)

395369.21	3816379.85	3816362.86	(17040516)	7.34757	(17040516)	395387.21
395405.22	3816413.84	3816396.84	(17040516)	7.21918	(17040516)	395423.23
395441.23	3816447.83	3816430.83	(17040516)	6.49033	(17040516)	395459.24
395495.75	3816494.79	3816479.81	(17040516)	5.01102	(17040516)	395514.26
395532.77	3816524.76	3816509.78	(17040516)	4.09563	(17040516)	395551.29
395569.80	3816554.74	3816539.75	(17040516)	3.29922	(17040516)	395588.31
395606.82	3816584.71	3816569.72	(17040516)	2.63515	(17040516)	395625.33
395643.84	3816614.68	3816599.70	(17040516)	2.09767	(17040516)	395662.36
395680.87	3816644.65	3816629.67	(17040516)	1.66795	(17040516)	395699.38
395727.76	3816670.30	3816679.97	(17040516)	1.15578	(17040516)	395737.63
395747.50	3816700.30	3816720.62	(17040516)	0.86377	(17040516)	395757.37
395779.19	3816740.95	3816782.03	(17040516)	0.54025	(17040516)	395791.14
395803.08	3816802.78	3816823.54	(17040516)	0.38823	(17040516)	395815.03
395826.98	3816844.29	3816865.04	(17040516)	0.27705	(17040516)	395856.38
395873.83	3816899.47	3816913.15	(17040516)	0.19234	(17040516)	395891.28
395908.73	3816926.82	3816940.50	(17040516)	0.15933	(17040516)	395926.18
395943.63	3816954.18	3816967.86	(17040516)	0.13265	(17040516)	395961.08
395942.69	3816981.53	3817009.05	(17040516)	0.09091	(17040516)	395920.05
395876.83	3817002.13	3816984.23	(17040516)	0.09829	(17040516)	395856.25
395835.67	3816973.26	3816962.28	(17040516)	0.11006	(17040516)	395815.09
395794.51	3816951.30	3816940.33	(17040516)	0.12359	(17040516)	395773.92
0.13109	3816929.35	(17040516)				

395753.34	3816918.38	0.13911	(17040516)	395732.76
3816907.40	0.14773	(17040516)		
395712.18	3816896.42	0.15698	(17040516)	395691.60
3816885.45	0.16688	(17040516)		
395648.16	3816865.22	0.18337	(17040516)	395615.34
3816839.14	0.22629	(17040516)		
395605.38	3816822.31	0.27072	(17040516)	395574.92
3816792.25	0.35807	(17040516)		
395554.42	3816779.02	0.39657	(17040516)	395533.91
3816765.80	0.43975	(17040516)		
395513.41	3816752.57	0.48829	(17040516)	395492.90
3816739.34	0.54250	(17040516)		
395472.40	3816726.11	0.60331	(17040516)	395451.89
3816712.89	0.67078	(17040516)		
395431.39	3816699.66	0.74555	(17040516)	395410.88
3816686.43	0.82716	(17040516)		
395390.38	3816673.20	0.91496	(17040516)	395369.87
3816659.98	1.00743	(17040516)		
395349.37	3816646.75	1.10316	(17040516)	395328.86
3816633.52	1.19429	(17040516)		
395308.35	3816620.29	1.27695	(17040516)	395287.85
3816607.06	1.34380	(17040516)		
395267.34	3816593.84	1.40110	(17040516)	395246.84
3816580.61	1.51495	(17040516)		
395226.33	3816567.38	1.62422	(17040516)	395205.83
3816554.15	1.73199	(17040516)		
395185.32	3816540.93	1.85327	(17040516)	395164.82
3816527.70	2.00689	(17040516)		
395144.31	3816514.47	2.16081	(17040516)	395123.81
3816501.24	2.30051	(17040516)		
395103.30	3816488.02	2.42511	(17040516)	395082.80
3816474.79	2.58722	(17040516)		
395038.36	3816461.23	2.10965	(17040516)	395014.43
3816460.90	1.41807	(17040516)		
394990.50	3816460.58	0.81779	(17040516)	394966.57
3816460.25	0.37815	(17040516)		
394942.63	3816459.92	0.11108	(17040516)	394918.70
3816459.59	0.01199	(17040516)		

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

		** CONC OF ALL		IN MICROGRAMS/M**3	
		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			

394894.77	3816459.27	0.00000	(00000000)	394870.84	
3816458.94	0.00000 (00000000)				
394846.91	3816458.61	0.00000	(00000000)	394822.98	
3816458.28	0.00000 (00000000)				
394799.05	3816457.95	0.00000	(00000000)	394775.12	
3816457.63	0.00000 (00000000)				
394751.19	3816457.30	0.00000	(00000000)	394727.25	
3816456.97	0.00000 (00000000)				
394703.32	3816456.64	0.00000	(00000000)	394679.39	
3816456.32	0.00000 (00000000)				
394655.46	3816455.99	0.00000	(00000000)	394631.06	
3816431.61	0.00441 (18031115)				
394630.59	3816407.55	0.04138	(18031115)	394630.11	
3816383.50	0.19960 (18031115)				
394606.58	3816359.02	0.65105	(18031115)	394583.52	
3816358.60	0.74051 (18031115)				
394560.47	3816358.18	0.80601	(18031115)	394537.41	
3816357.76	0.85512 (18031115)				
394514.35	3816357.35	0.92384	(18031115)	394491.29	
3816356.93	0.97684 (18031115)				
394468.24	3816356.51	1.01413	(18031115)	394445.18	
3816356.09	1.04027 (18031115)				

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 12

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		

394826.99	3816360.50	0.00009m	(17040516)	394833.91
3816367.66	0.00605m	(17040516)		
394942.70	3816483.91	0.00259m	(17040516)	394422.12
3816355.67	0.17954m	(18031116)		
394431.55	3816074.00	0.00360m	(18031116)	394505.88
3816102.42	0.00118m	(18031116)		
394845.91	3816316.86	18.49731m	(17121116)	394851.99
3816171.62	1.13485m	(18050516)		
394938.55	3816190.78	1.22750m	(17121116)	395146.90
3816227.99	0.95619m	(20033016)		
395229.26	3816259.58	0.45607m	(17040516)	395297.19
3816294.88	0.80316m	(17040516)		
395477.24	3816464.82	0.91683m	(17040516)	395717.89
3816659.64	0.22122m	(17040516)		
395767.24	3816761.28	0.10586m	(17040516)	395838.93
3816885.79	0.03894m	(17040516)		
395978.53	3816995.21	0.01850m	(17040516)	395965.33
3817015.97	0.01496m	(17040516)		
395897.41	3816995.21	0.01550m	(17040516)	395671.02
3816874.47	0.02959m	(17040516)		
395625.29	3816855.97	0.03151m	(17040516)	395595.43
3816805.48	0.05396m	(17040516)		
395062.29	3816461.56	0.45811m	(17040516)	394631.53
3816455.66	0.00000	(00000000)		
394629.64	3816359.44	0.09137m	(18031116)	394422.91
3816332.20	0.23730m	(18031116)		
394423.69	3816308.73	0.27978m	(18031116)	394424.48
3816285.25	0.29325m	(18031116)		
394425.26	3816261.78	0.27342m	(18031116)	394426.05
3816238.31	0.22732m	(18031116)		
394426.83	3816214.84	0.16996m	(18031116)	394427.62
3816191.36	0.11457m	(18031116)		
394428.41	3816167.89	0.06981m	(18031116)	394429.19
3816144.42	0.03853m	(18031116)		
394429.98	3816120.95	0.01930m	(18031116)	394430.76
3816097.47	0.00879m	(18031116)		
394450.13	3816081.11	0.00283m	(18031116)	394468.71
3816088.21	0.00217m	(18031116)		
394487.30	3816095.32	0.00162m	(18031116)	394525.88
3816115.03	0.00104m	(18031116)		
394545.88	3816127.65	0.00088m	(18031116)	394565.89
3816140.26	0.00072m	(18031116)		
394585.89	3816152.88	0.00082m	(16072016)	394605.89
3816165.49	0.00130m	(16072016)		
394625.89	3816178.10	0.00210m	(16072016)	394645.89
3816190.72	0.00357m	(16072016)		

394665.89	3816203.33	0.00663m (16072016)	394685.90
3816215.95	0.01283m (16072016)		
394705.90	3816228.56	0.02625m (16072016)	394725.90
3816241.18	0.05795m (16072016)		
394745.90	3816253.79	0.13468m (16072016)	394765.90
3816266.40	0.33854m (16072016)		
394785.90	3816279.02	1.23244m (16072016)	394805.91
3816291.63	4.51912m (16072016)		
394825.91	3816304.25	10.87405m (18050516)	394846.92
3816292.65	5.12173m (17121116)		
394847.94	3816268.45	1.77438m (18050516)	394848.95
3816244.24	1.62691m (18050516)		
394849.96	3816220.03	1.49940m (18050516)	394850.98
3816195.83	1.32485m (18050516)		
394873.63	3816176.41	0.86805m (18050516)	394895.27
3816181.20	1.07174m (17121116)		
394916.91	3816185.99	1.24158m (17121116)	394961.70
3816194.91	1.03077m (17121116)		
394984.85	3816199.05	1.07399m (20033016)	395008.00
3816203.18	1.29142m (20033016)		
395031.15	3816207.32	1.44275m (20033016)	395054.30
3816211.45	1.50333m (20033016)		
395077.45	3816215.59	1.46653m (20033016)	395100.60
3816219.72	1.30739m (20033016)		
395123.75	3816223.86	1.12090m (20033016)	395167.49
3816235.89	0.77890m (20033016)		
395188.08	3816243.79	0.61955m (20033016)	395208.67
3816251.68	0.48657m (20033016)		
395246.24	3816268.41	0.55182m (17040516)	395263.23
3816277.23	0.64284m (17040516)		
395280.21	3816286.06	0.72135m (17040516)	395315.20
3816311.87	0.96054m (17040516)		
395333.20	3816328.87	1.08506m (17040516)	395351.21
3816345.86	1.17823m (17040516)		

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 13

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)
395369.21	3816362.86	1.22460m (17040516)	395387.21
3816379.85	1.23195m (17040516)		
395405.22	3816396.84	1.20320m (17040516)	395423.23
3816413.84	1.15114m (17040516)		
395441.23	3816430.83	1.08172m (17040516)	395459.24
3816447.83	1.00122m (17040516)		
395495.75	3816479.81	0.83517m (17040516)	395514.26
3816494.79	0.75680m (17040516)		
395532.77	3816509.78	0.68260m (17040516)	395551.29
3816524.76	0.61357m (17040516)		
395569.80	3816539.75	0.54987m (17040516)	395588.31
3816554.74	0.49173m (17040516)		
395606.82	3816569.72	0.43919m (17040516)	395625.33
3816584.71	0.39199m (17040516)		
395643.84	3816599.70	0.34961m (17040516)	395662.36
3816614.68	0.31178m (17040516)		
395680.87	3816629.67	0.27799m (17040516)	395699.38
3816644.65	0.24795m (17040516)		
395727.76	3816679.97	0.19263m (17040516)	395737.63
3816700.30	0.16690m (17040516)		
395747.50	3816720.62	0.14396m (17040516)	395757.37
3816740.95	0.12369m (17040516)		
395779.19	3816782.03	0.09004m (17040516)	395791.14
3816802.78	0.07641m (17040516)		
395803.08	3816823.54	0.06470m (17040516)	395815.03
3816844.29	0.05469m (17040516)		
395826.98	3816865.04	0.04617m (17040516)	395856.38
3816899.47	0.03530m (17040516)		
395873.83	3816913.15	0.03206m (17040516)	395891.28
3816926.82	0.02916m (17040516)		
395908.73	3816940.50	0.02655m (17040516)	395926.18
3816954.18	0.02422m (17040516)		
395943.63	3816967.86	0.02211m (17040516)	395961.08
3816981.53	0.02021m (17040516)		
395942.69	3817009.05	0.01515m (17040516)	395920.05
3817002.13	0.01533m (17040516)		
395876.83	3816984.23	0.01638m (17040516)	395856.25
3816973.26	0.01733m (17040516)		
395835.67	3816962.28	0.01834m (17040516)	395815.09
3816951.30	0.01943m (17040516)		
395794.51	3816940.33	0.02060m (17040516)	395773.92
3816929.35	0.02185m (17040516)		
395753.34	3816918.38	0.02318m (17040516)	395732.76
3816907.40	0.02462m (17040516)		

395712.18	3816896.42	0.02616m (17040516)	395691.60
3816885.45	0.02781m (17040516)		
395648.16	3816865.22	0.03056m (17040516)	395615.34
3816839.14	0.03771m (17040516)		
395605.38	3816822.31	0.04512m (17040516)	395574.92
3816792.25	0.05968m (17040516)		
395554.42	3816779.02	0.06610m (17040516)	395533.91
3816765.80	0.07329m (17040516)		
395513.41	3816752.57	0.08138m (17040516)	395492.90
3816739.34	0.09042m (17040516)		
395472.40	3816726.11	0.10055m (17040516)	395451.89
3816712.89	0.11180m (17040516)		
395431.39	3816699.66	0.12426m (17040516)	395410.88
3816686.43	0.13786m (17040516)		
395390.38	3816673.20	0.15249m (17040516)	395369.87
3816659.98	0.16790m (17040516)		
395349.37	3816646.75	0.18386m (17040516)	395328.86
3816633.52	0.19905m (17040516)		
395308.35	3816620.29	0.21283m (17040516)	395287.85
3816607.06	0.22397m (17040516)		
395267.34	3816593.84	0.23352m (17040516)	395246.84
3816580.61	0.25249m (17040516)		
395226.33	3816567.38	0.27070m (17040516)	395205.83
3816554.15	0.28866m (17040516)		
395185.32	3816540.93	0.30888m (17040516)	395164.82
3816527.70	0.33448m (17040516)		
395144.31	3816514.47	0.36014m (17040516)	395123.81
3816501.24	0.38342m (17040516)		
395103.30	3816488.02	0.40419m (17040516)	395082.80
3816474.79	0.43120m (17040516)		
395038.36	3816461.23	0.35161m (17040516)	395014.43
3816460.90	0.23635m (17040516)		
394990.50	3816460.58	0.13630m (17040516)	394966.57
3816460.25	0.06303m (17040516)		
394942.63	3816459.92	0.01851m (17040516)	394918.70
3816459.59	0.00200m (17040516)		

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 14

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
394894.77	3816459.27	0.00000	(00000000)	394870.84
3816458.94	0.00000	(00000000)		
394846.91	3816458.61	0.00000	(00000000)	394822.98
3816458.28	0.00000	(00000000)		
394799.05	3816457.95	0.00000	(00000000)	394775.12
3816457.63	0.00000	(00000000)		
394751.19	3816457.30	0.00000	(00000000)	394727.25
3816456.97	0.00000	(00000000)		
394703.32	3816456.64	0.00000	(00000000)	394679.39
3816456.32	0.00000	(00000000)		
394655.46	3816455.99	0.00000	(00000000)	394631.06
3816431.61	0.00074m	(18031116)		
394630.59	3816407.55	0.00690m	(18031116)	394630.11
3816383.50	0.03327m	(18031116)		
394606.58	3816359.02	0.10851m	(18031116)	394583.52
3816358.60	0.12342m	(18031116)		
394560.47	3816358.18	0.13434m	(18031116)	394537.41
3816357.76	0.14252m	(18031116)		
394514.35	3816357.35	0.15397m	(18031116)	394491.29
3816356.93	0.16281m	(18031116)		
394468.24	3816356.51	0.16902m	(18031116)	394445.18
3816356.09	0.17338m	(18031116)		

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 15

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		

394826.99	3816360.50	0.00003m (17040524)	394833.91
3816367.66	0.00202m (17040524)		
394942.70	3816483.91	0.00086m (17040524)	394422.12
3816355.67	0.05985m (18031124)		
394431.55	3816074.00	0.00120m (18031124)	394505.88
3816102.42	0.00039m (18031124)		
394845.91	3816316.86	6.16577m (17121124)	394851.99
3816171.62	0.37828m (18050524)		
394938.55	3816190.78	0.40917m (17121124)	395146.90
3816227.99	0.31873m (20033024)		
395229.26	3816259.58	0.15202m (17040524)	395297.19
3816294.88	0.26772m (17040524)		
395477.24	3816464.82	0.30561m (17040524)	395717.89
3816659.64	0.07374m (17040524)		
395767.24	3816761.28	0.03529m (17040524)	395838.93
3816885.79	0.01298m (17040524)		
395978.53	3816995.21	0.00617m (17040524)	395965.33
3817015.97	0.00499m (17040524)		
395897.41	3816995.21	0.00517m (17040524)	395671.02
3816874.47	0.00986m (17040524)		
395625.29	3816855.97	0.01050m (17040524)	395595.43
3816805.48	0.01799m (17040524)		
395062.29	3816461.56	0.15270m (17040524)	394631.53
3816455.66	0.00000 (00000000)		
394629.64	3816359.44	0.03046m (18031124)	394422.91
3816332.20	0.07910m (18031124)		
394423.69	3816308.73	0.09326m (18031124)	394424.48
3816285.25	0.09775m (18031124)		
394425.26	3816261.78	0.09114m (18031124)	394426.05
3816238.31	0.07577m (18031124)		
394426.83	3816214.84	0.05665m (18031124)	394427.62
3816191.36	0.03819m (18031124)		
394428.41	3816167.89	0.02327m (18031124)	394429.19
3816144.42	0.01284m (18031124)		
394429.98	3816120.95	0.00643m (18031124)	394430.76
3816097.47	0.00293m (18031124)		
394450.13	3816081.11	0.00094m (18031124)	394468.71
3816088.21	0.00072m (18031124)		
394487.30	3816095.32	0.00054m (18031124)	394525.88
3816115.03	0.00035m (18031124)		
394545.88	3816127.65	0.00029m (18031124)	394565.89
3816140.26	0.00024m (18031124)		
394585.89	3816152.88	0.00027m (16072024)	394605.89
3816165.49	0.00043m (16072024)		
394625.89	3816178.10	0.00070m (16072024)	394645.89
3816190.72	0.00119m (16072024)		
394665.89	3816203.33	0.00221m (16072024)	394685.90
3816215.95	0.00428m (16072024)		

394705.90	3816228.56	0.00875m (16072024)	394725.90
3816241.18	0.01932m (16072024)		
394745.90	3816253.79	0.04489m (16072024)	394765.90
3816266.40	0.11285m (16072024)		
394785.90	3816279.02	0.41081m (16072024)	394805.91
3816291.63	1.50637m (16072024)		
394825.91	3816304.25	3.62468m (18050524)	394846.92
3816292.65	1.70724m (17121124)		
394847.94	3816268.45	0.59146m (18050524)	394848.95
3816244.24	0.54230m (18050524)		
394849.96	3816220.03	0.49980m (18050524)	394850.98
3816195.83	0.44162m (18050524)		
394873.63	3816176.41	0.28935m (18050524)	394895.27
3816181.20	0.35725m (17121124)		
394916.91	3816185.99	0.41386m (17121124)	394961.70
3816194.91	0.34359m (17121124)		
394984.85	3816199.05	0.35800m (20033024)	395008.00
3816203.18	0.43047m (20033024)		
395031.15	3816207.32	0.48092m (20033024)	395054.30
3816211.45	0.50111m (20033024)		
395077.45	3816215.59	0.48884m (20033024)	395100.60
3816219.72	0.43580m (20033024)		
395123.75	3816223.86	0.37363m (20033024)	395167.49
3816235.89	0.25963m (20033024)		
395188.08	3816243.79	0.20652m (20033024)	395208.67
3816251.68	0.16219m (20033024)		
395246.24	3816268.41	0.18394m (17040524)	395263.23
3816277.23	0.21428m (17040524)		
395280.21	3816286.06	0.24045m (17040524)	395315.20
3816311.87	0.32018m (17040524)		
395333.20	3816328.87	0.36169m (17040524)	395351.21
3816345.86	0.39274m (17040524)		

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26
 *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
3816379.85	395369.21	3816362.86	0.40820m	(17040524)	395387.21
3816413.84	395405.22	0.41065m (17040524)	3816396.84	0.40107m (17040524)	395423.23
3816447.83	395441.23	0.38371m (17040524)	3816430.83	0.36057m (17040524)	395459.24
3816494.79	395495.75	0.33374m (17040524)	3816479.81	0.27839m (17040524)	395514.26
3816524.76	395532.77	0.25227m (17040524)	3816509.78	0.22753m (17040524)	395551.29
3816554.74	395569.80	0.20452m (17040524)	3816539.75	0.18329m (17040524)	395588.31
3816584.71	395606.82	0.16391m (17040524)	3816569.72	0.14640m (17040524)	395625.33
3816614.68	395643.84	0.13066m (17040524)	3816599.70	0.11654m (17040524)	395662.36
3816644.65	395680.87	0.10393m (17040524)	3816629.67	0.09266m (17040524)	395699.38
3816700.30	395727.76	0.08265m (17040524)	3816679.97	0.06421m (17040524)	395737.63
3816740.95	395747.50	0.05563m (17040524)	3816720.62	0.04799m (17040524)	395757.37
3816802.78	395779.19	0.04123m (17040524)	3816782.03	0.03001m (17040524)	395791.14
3816844.29	395803.08	0.02547m (17040524)	3816823.54	0.02157m (17040524)	395815.03
3816885.45	395826.98	0.01823m (17040524)	3816865.04	0.01539m (17040524)	395856.38
3816907.40	395873.83	0.01177m (17040524)	3816913.15	0.01069m (17040524)	395891.28
3816929.35	395908.73	0.00972m (17040524)	3816940.50	0.00885m (17040524)	395926.18
3816951.30	395943.63	0.00807m (17040524)	3816967.86	0.00737m (17040524)	395961.08
3816973.26	395981.53	0.00674m (17040524)	3817009.05	0.00505m (17040524)	395920.05
3816981.53	395942.69	0.00511m (17040524)	3816984.23	0.00546m (17040524)	395856.25
3816981.53	395876.83	0.00578m (17040524)	3816962.28	0.00611m (17040524)	395815.09
3816981.53	395835.67	0.00648m (17040524)	3816940.33	0.00687m (17040524)	395773.92
3816981.53	395794.51	0.00728m (17040524)	3816918.38	0.00773m (17040524)	395732.76
3816981.53	395753.34	0.00821m (17040524)	3816896.42	0.00872m (17040524)	395691.60
3816981.53	395712.18	0.00927m (17040524)			

395648.16	3816865.22	0.01019m (17040524)	395615.34
3816839.14	0.01257m (17040524)		
395605.38	3816822.31	0.01504m (17040524)	395574.92
3816792.25	0.01989m (17040524)		
395554.42	3816779.02	0.02203m (17040524)	395533.91
3816765.80	0.02443m (17040524)		
395513.41	3816752.57	0.02713m (17040524)	395492.90
3816739.34	0.03014m (17040524)		
395472.40	3816726.11	0.03352m (17040524)	395451.89
3816712.89	0.03727m (17040524)		
395431.39	3816699.66	0.04142m (17040524)	395410.88
3816686.43	0.04595m (17040524)		
395390.38	3816673.20	0.05083m (17040524)	395369.87
3816659.98	0.05597m (17040524)		
395349.37	3816646.75	0.06129m (17040524)	395328.86
3816633.52	0.06635m (17040524)		
395308.35	3816620.29	0.07094m (17040524)	395287.85
3816607.06	0.07466m (17040524)		
395267.34	3816593.84	0.07784m (17040524)	395246.84
3816580.61	0.08416m (17040524)		
395226.33	3816567.38	0.09023m (17040524)	395205.83
3816554.15	0.09622m (17040524)		
395185.32	3816540.93	0.10296m (17040524)	395164.82
3816527.70	0.11149m (17040524)		
395144.31	3816514.47	0.12005m (17040524)	395123.81
3816501.24	0.12781m (17040524)		
395103.30	3816488.02	0.13473m (17040524)	395082.80
3816474.79	0.14373m (17040524)		
395038.36	3816461.23	0.11720m (17040524)	395014.43
3816460.90	0.07878m (17040524)		
394990.50	3816460.58	0.04543m (17040524)	394966.57
3816460.25	0.02101m (17040524)		
394942.63	3816459.92	0.00617m (17040524)	394918.70
3816459.59	0.00067m (17040524)		

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
 Study *** 02/04/26

*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
 *** 10:03:28

PAGE 17

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): BLINE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF ALL IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
394894.77	3816459.27	0.00000	(00000000)	394870.84
3816458.94	0.00000 (00000000)			
394846.91	3816458.61	0.00000	(00000000)	394822.98
3816458.28	0.00000 (00000000)			
394799.05	3816457.95	0.00000	(00000000)	394775.12
3816457.63	0.00000 (00000000)			
394751.19	3816457.30	0.00000	(00000000)	394727.25
3816456.97	0.00000 (00000000)			
394703.32	3816456.64	0.00000	(00000000)	394679.39
3816456.32	0.00000 (00000000)			
394655.46	3816455.99	0.00000	(00000000)	394631.06
3816431.61	0.00025m (18031124)			
394630.59	3816407.55	0.00230m (18031124)		394630.11
3816383.50	0.01109m (18031124)			
394606.58	3816359.02	0.03617m (18031124)		394583.52
3816358.60	0.04114m (18031124)			
394560.47	3816358.18	0.04478m (18031124)		394537.41
3816357.76	0.04751m (18031124)			
394514.35	3816357.35	0.05132m (18031124)		394491.29
3816356.93	0.05427m (18031124)			
394468.24	3816356.51	0.05634m (18031124)		394445.18
3816356.09	0.05779m (18031124)			

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 18

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF ALL IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	(YYMMDDHH)	
-----	-----	-----	-----
-----	-----	-----	-----

ALL HIGH 1ST HIGH VALUE IS 110.98389 ON 17121110: AT (394845.91,
3816316.86, 921.57, 1439.49, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE SUMMARY OF HIGHEST 8-HR

RESULTS ***

** CONC OF ALL IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	(YYMMDDHH)	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

ALL HIGH 1ST HIGH VALUE IS 18.49731m ON 17121116: AT (394845.91,
3816316.86, 921.57, 1439.49, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

** CONC OF ALL IN MICROGRAMS/M**3

**

GROUP ID	DATE	NETWORK	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	(YYMMDDHH)	AVERAGE CONC OF TYPE GRID-ID	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

ALL HIGH 1ST HIGH VALUE IS 6.16577m ON 17121124: AT (394845.91,
3816316.86, 921.57, 1439.49, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 21

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 7311 Warning Message(s)
A Total of 43840 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 43840 Missing Hours Identified (99.98 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
Data May Not Be Acceptable for Regulatory Applications.
See Section 5.3.2 of "Meteorological Monitoring Guidance
for Regulatory Modeling Applications" (EPA-454/R-99-005).

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

RE W476	11	BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL)		
ME W186	24	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	24	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W733	8	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010108		
CN W733	16	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010116		
CN W733	24	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010124		
CN W732	24	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010124		
CN W733	32	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010208		
CN W733	40	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010216		
CN W733	48	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010224		
CN W732	48	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010224		
CN W733	56	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010308		
CN W733	64	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010316		
CN W733	72	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010324		
CN W732	72	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010324		
CN W733	80	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010408		
CN W733	88	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010416		
CN W733	96	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010424		
CN W732	96	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010424		
CN W733	104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010508		
CN W733	112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010516		
CN W733	120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010524		
CN W732	120	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010524		
CN W733	128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010608		
CN W733	136	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016010616		
CN W733	144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010624		
CN W732	144	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010624		
CN W733	152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010708		
CN W733	160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010716		
CN W733	168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010724		
CN W732	168	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010724		
CN W733	176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010808		
CN W733	184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010816		
CN W733	192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010824		
CN W732	192	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010824		
CN W733	200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010908		
CN W733	208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010916		
CN W733	216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010924		
CN W732	216	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010924		
CN W733	224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011008		
CN W733	232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011016		
CN W733	240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011024		
CN W732	240	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011024		
CN W733	248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011108		
CN W733	256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011116		
CN W733	264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011124		
CN W732	264	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011124		
CN W733	272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011208		
CN W733	280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011216		
CN W733	288	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016011224		
CN W732	288	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011224		
CN W733	296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011308		
CN W733	304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011316		
CN W733	312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011324		
CN W732	312	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011324		
CN W733	320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011408		
CN W733	328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011416		
CN W733	336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011424		
CN W732	336	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011424		
CN W733	344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011508		
CN W733	352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011516		
CN W733	360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011524		
CN W732	360	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011524		
CN W733	368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011608		
CN W733	376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011616		
CN W733	384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011624		
CN W732	384	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011624		
CN W733	392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011708		
CN W733	400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011716		
CN W733	408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011724		
CN W732	408	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011724		
CN W733	416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011808		
CN W733	424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011816		
CN W733	432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011824		
CN W732	432	AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016011824		
CN W733	440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011908		
CN W733	448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011916		
CN W733	456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011924		
CN W732	456	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011924		
CN W733	464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012008		
CN W733	472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012016		
CN W733	480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012024		
CN W732	480	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012024		
CN W733	488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012108		
CN W733	496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012116		
CN W733	504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012124		
CN W732	504	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012124		
CN W733	512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012208		
CN W733	520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012216		
CN W733	528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012224		
CN W732	528	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012224		
CN W733	536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012308		
CN W733	544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012316		
CN W733	552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012324		
CN W732	552	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012324		
CN W733	560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012408		
CN W733	568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012416		
CN W733	576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012424		
CN W732	576	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012424		
CN W733	584	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016012508		
CN W733	592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012516		
CN W733	600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012524		
CN W732	600	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012524		
CN W733	608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012608		
CN W733	616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012616		
CN W733	624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012624		
CN W732	624	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012624		
CN W733	632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012708		
CN W733	640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012716		
CN W733	648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012724		
CN W732	648	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012724		
CN W733	656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012808		
CN W733	664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012816		
CN W733	672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012824		
CN W732	672	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012824		
CN W733	680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012908		
CN W733	688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012916		
CN W733	696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012924		
CN W732	696	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012924		
CN W733	704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016013008		
CN W733	712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016013016		
CN W733	720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016013024		
CN W732	720	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016013024		
CN W733	728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016013108		
CN W733	736	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016013116		
CN W733	744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016013124		
CN W732	744	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016013124		
CN W733	752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020108		
CN W733	760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020116		
CN W733	768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020124		
CN W732	768	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020124		
CN W733	776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020208		
CN W733	784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020216		
CN W733	792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020224		
CN W732	792	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020224		
CN W733	800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020308		
CN W733	808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020316		
CN W733	816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020324		
CN W732	816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020324		
CN W733	824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020408		
CN W733	832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020416		
CN W733	840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020424		
CN W732	840	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020424		
CN W733	848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020508		
CN W733	856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020516		
CN W733	864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020524		
CN W732	864	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020524		
CN W733	872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020608		
CN W733	880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020616		
CN W733	888	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016020624			
CN W732	888		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020624			
CN W733	896		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020708			
CN W733	904		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020716			
CN W733	912		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020724			
CN W732	912		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020724			
CN W733	920		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020808			
CN W733	928		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020816			
CN W733	936		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020824			
CN W732	936		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020824			
CN W733	944		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020908			
CN W733	952		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020916			
CN W733	960		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020924			
CN W732	960		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020924			
CN W733	968		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021008			
CN W733	976		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021016			
CN W733	984		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021024			
CN W732	984		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021024			
CN W733	992		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021108			
CN W733	1000		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021116			
CN W733	1008		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021124			
CN W732	1008		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021124			
CN W733	1016		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021208			
CN W733	1024		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021216			
CN W733	1032		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021224			
CN W732	1032		AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016021224		
CN W733	1040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021308		
CN W733	1048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021316		
CN W733	1056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021324		
CN W732	1056	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021324		
CN W733	1064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021408		
CN W733	1072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021416		
CN W733	1080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021424		
CN W732	1080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021424		
CN W733	1088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021508		
CN W733	1096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021516		
CN W733	1104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021524		
CN W732	1104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021524		
CN W733	1112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021608		
CN W733	1120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021616		
CN W733	1128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021624		
CN W732	1128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021624		
CN W733	1136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021708		
CN W733	1144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021716		
CN W733	1152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021724		
CN W732	1152	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021724		
CN W733	1160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021808		
CN W733	1168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021816		
CN W733	1176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021824		
CN W732	1176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021824		
CN W733	1184	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016021908		
CN W733	1192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021916		
CN W733	1200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021924		
CN W732	1200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021924		
CN W733	1208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022008		
CN W733	1216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022016		
CN W733	1224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022024		
CN W732	1224	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022024		
CN W733	1232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022108		
CN W733	1240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022116		
CN W733	1248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022124		
CN W732	1248	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022124		
CN W733	1256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022208		
CN W733	1264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022216		
CN W733	1272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022224		
CN W732	1272	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022224		
CN W733	1280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022308		
CN W733	1288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022316		
CN W733	1296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022324		
CN W732	1296	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022324		
CN W733	1304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022408		
CN W733	1312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022416		
CN W733	1320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022424		
CN W732	1320	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022424		
CN W733	1328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022508		
CN W733	1336	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016022516		
CN W733	1344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022524		
CN W732	1344	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022524		
CN W733	1352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022608		
CN W733	1360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022616		
CN W733	1368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022624		
CN W732	1368	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022624		
CN W733	1376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022708		
CN W733	1384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022716		
CN W733	1392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022724		
CN W732	1392	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022724		
CN W733	1400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022808		
CN W733	1408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022816		
CN W733	1416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022824		
CN W732	1416	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022824		
CN W733	1424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022908		
CN W733	1432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022916		
CN W733	1440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022924		
CN W732	1440	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022924		
CN W733	1448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030108		
CN W733	1456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030116		
CN W733	1464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030124		
CN W732	1464	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030124		
CN W733	1472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030208		
CN W733	1480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030216		
CN W733	1488	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016030224			
CN W732	1488		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030224			
CN W733	1496		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030308			
CN W733	1504		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030316			
CN W733	1512		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030324			
CN W732	1512		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030324			
CN W733	1520		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030408			
CN W733	1528		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030416			
CN W733	1536		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030424			
CN W732	1536		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030424			
CN W733	1544		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030508			
CN W733	1552		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030516			
CN W733	1560		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030524			
CN W732	1560		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030524			
CN W733	1568		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030608			
CN W733	1576		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030616			
CN W733	1584		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030624			
CN W732	1584		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030624			
CN W733	1592		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030708			
CN W733	1600		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030716			
CN W733	1608		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030724			
CN W732	1608		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030724			
CN W733	1616		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030808			
CN W733	1624		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030816			
CN W733	1632		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030824			
CN W732	1632		AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016030824		
CN W733	1640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030908		
CN W733	1648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030916		
CN W733	1656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030924		
CN W732	1656	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030924		
CN W733	1664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031008		
CN W733	1672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031016		
CN W733	1680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031024		
CN W732	1680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031024		
CN W733	1688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031108		
CN W733	1696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031116		
CN W733	1704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031124		
CN W732	1704	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031124		
CN W733	1712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031208		
CN W733	1720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031216		
CN W733	1728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031224		
CN W732	1728	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031224		
CN W733	1736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031308		
CN W733	1744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031316		
CN W733	1752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031324		
CN W732	1752	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031324		
CN W733	1760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031408		
CN W733	1768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031416		
CN W733	1776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031424		
CN W732	1776	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031424		
CN W733	1784	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016031508		
CN W733	1792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031516		
CN W733	1800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031524		
CN W732	1800	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031524		
CN W733	1808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031608		
CN W733	1816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031616		
CN W733	1824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031624		
CN W732	1824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031624		
CN W733	1832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031708		
CN W733	1840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031716		
CN W733	1848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031724		
CN W732	1848	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031724		
CN W733	1856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031808		
CN W733	1864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031816		
CN W733	1872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031824		
CN W732	1872	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031824		
CN W733	1880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031908		
CN W733	1888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031916		
CN W733	1896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031924		
CN W732	1896	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031924		
CN W733	1904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032008		
CN W733	1912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032016		
CN W733	1920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032024		
CN W732	1920	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032024		
CN W733	1928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032108		
CN W733	1936	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016032116		
CN W733	1944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032124		
CN W732	1944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032124		
CN W733	1952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032208		
CN W733	1960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032216		
CN W733	1968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032224		
CN W732	1968	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032224		
CN W733	1976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032308		
CN W733	1984	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032316		
CN W733	1992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032324		
CN W732	1992	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032324		
CN W733	2000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032408		
CN W733	2008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032416		
CN W733	2016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032424		
CN W732	2016	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032424		
CN W733	2024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032508		
CN W733	2032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032516		
CN W733	2040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032524		
CN W732	2040	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032524		
CN W733	2048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032608		
CN W733	2056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032616		
CN W733	2064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032624		
CN W732	2064	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032624		
CN W733	2072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032708		
CN W733	2080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032716		
CN W733	2088	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016032724		
CN W732	2088	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032724		
CN W733	2096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032808		
CN W733	2104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032816		
CN W733	2112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032824		
CN W732	2112	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032824		
CN W733	2120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032908		
CN W733	2128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032916		
CN W733	2136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032924		
CN W732	2136	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032924		
CN W733	2144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033008		
CN W733	2152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033016		
CN W733	2160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033024		
CN W732	2160	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016033024		
CN W733	2168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033108		
CN W733	2176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033116		
CN W733	2184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033124		
CN W732	2184	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016033124		
CN W733	2192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040108		
CN W733	2200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040116		
CN W733	2208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040124		
CN W732	2208	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040124		
CN W733	2216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040208		
CN W733	2224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040216		
CN W733	2232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040224		
CN W732	2232	AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016040224		
CN W733	2240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040308		
CN W733	2248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040316		
CN W733	2256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040324		
CN W732	2256	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040324		
CN W733	2264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040408		
CN W733	2272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040416		
CN W733	2280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040424		
CN W732	2280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040424		
CN W733	2288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040508		
CN W733	2296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040516		
CN W733	2304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040524		
CN W732	2304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040524		
CN W733	2312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040608		
CN W733	2320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040616		
CN W733	2328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040624		
CN W732	2328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040624		
CN W733	2336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040708		
CN W733	2344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040716		
CN W733	2352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040724		
CN W732	2352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040724		
CN W733	2360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040808		
CN W733	2368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040816		
CN W733	2376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040824		
CN W732	2376	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040824		
CN W733	2384	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016040908		
CN W733	2392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040916		
CN W733	2400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040924		
CN W732	2400	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040924		
CN W733	2408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041008		
CN W733	2416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041016		
CN W733	2424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041024		
CN W732	2424	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041024		
CN W733	2432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041108		
CN W733	2440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041116		
CN W733	2448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041124		
CN W732	2448	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041124		
CN W733	2456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041208		
CN W733	2464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041216		
CN W733	2472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041224		
CN W732	2472	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041224		
CN W733	2480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041308		
CN W733	2488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041316		
CN W733	2496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041324		
CN W732	2496	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041324		
CN W733	2504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041408		
CN W733	2512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041416		
CN W733	2520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041424		
CN W732	2520	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041424		
CN W733	2528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041508		
CN W733	2536	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016041516		
CN W733	2544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041524		
CN W732	2544	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041524		
CN W733	2552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041608		
CN W733	2560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041616		
CN W733	2568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041624		
CN W732	2568	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041624		
CN W733	2576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041708		
CN W733	2584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041716		
CN W733	2592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041724		
CN W732	2592	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041724		
CN W733	2600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041808		
CN W733	2608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041816		
CN W733	2616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041824		
CN W732	2616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041824		
CN W733	2624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041908		
CN W733	2632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041916		
CN W733	2640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041924		
CN W732	2640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041924		
CN W733	2648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042008		
CN W733	2656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042016		
CN W733	2664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042024		
CN W732	2664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042024		
CN W733	2672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042108		
CN W733	2680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042116		
CN W733	2688	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016042124		
CN W732	2688	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042124		
CN W733	2696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042208		
CN W733	2704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042216		
CN W733	2712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042224		
CN W732	2712	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042224		
CN W733	2720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042308		
CN W733	2728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042316		
CN W733	2736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042324		
CN W732	2736	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042324		
CN W733	2744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042408		
CN W733	2752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042416		
CN W733	2760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042424		
CN W732	2760	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042424		
CN W733	2768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042508		
CN W733	2776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042516		
CN W733	2784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042524		
CN W732	2784	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042524		
CN W733	2792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042608		
CN W733	2800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042616		
CN W733	2808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042624		
CN W732	2808	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042624		
CN W733	2816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042708		
CN W733	2824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042716		
CN W733	2832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042724		
CN W732	2832	AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016042724		
CN W733	2840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042808		
CN W733	2848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042816		
CN W733	2856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042824		
CN W732	2856	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042824		
CN W733	2864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042908		
CN W733	2872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042916		
CN W733	2880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042924		
CN W732	2880	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042924		
CN W733	2888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016043008		
CN W733	2896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016043016		
CN W733	2904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016043024		
CN W732	2904	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016043024		
CN W733	2912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050108		
CN W733	2920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050116		
CN W733	2928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050124		
CN W732	2928	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050124		
CN W733	2936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050208		
CN W733	2944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050216		
CN W733	2952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050224		
CN W732	2952	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050224		
CN W733	2960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050308		
CN W733	2968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050316		
CN W733	2976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050324		
CN W732	2976	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050324		
CN W733	2984	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016050408		
CN W733	2992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050416		
CN W733	3000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050424		
CN W732	3000	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050424		
CN W733	3008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050508		
CN W733	3016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050516		
CN W733	3024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050524		
CN W732	3024	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050524		
CN W733	3032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050608		
CN W733	3040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050616		
CN W733	3048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050624		
CN W732	3048	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050624		
CN W733	3056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050708		
CN W733	3064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050716		
CN W733	3072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050724		
CN W732	3072	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050724		
CN W733	3080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050808		
CN W733	3088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050816		
CN W733	3096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050824		
CN W732	3096	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050824		
CN W733	3104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050908		
CN W733	3112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050916		
CN W733	3120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050924		
CN W732	3120	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050924		
CN W733	3128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051008		
CN W733	3136	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016051016			
CN W733	3144		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051024			
CN W732	3144		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051024			
CN W733	3152		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051108			
CN W733	3160		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051116			
CN W733	3168		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051124			
CN W732	3168		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051124			
CN W733	3176		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051208			
CN W733	3184		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051216			
CN W733	3192		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051224			
CN W732	3192		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051224			
CN W733	3200		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051308			
CN W733	3208		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051316			
CN W733	3216		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051324			
CN W732	3216		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051324			
CN W733	3224		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051408			
CN W733	3232		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051416			
CN W733	3240		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051424			
CN W732	3240		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051424			
CN W733	3248		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051508			
CN W733	3256		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051516			
CN W733	3264		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051524			
CN W732	3264		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051524			
CN W733	3272		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051608			
CN W733	3280		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051616			
CN W733	3288		AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016051624			
CN W732	3288		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051624			
CN W733	3296		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051708			
CN W733	3304		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051716			
CN W733	3312		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051724			
CN W732	3312		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051724			
CN W733	3320		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051808			
CN W733	3328		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051816			
CN W733	3336		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051824			
CN W732	3336		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051824			
CN W733	3344		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051908			
CN W733	3352		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051916			
CN W733	3360		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051924			
CN W732	3360		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051924			
CN W733	3368		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052008			
CN W733	3376		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052016			
CN W733	3384		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052024			
CN W732	3384		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052024			
CN W733	3392		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052108			
CN W733	3400		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052116			
CN W733	3408		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052124			
CN W732	3408		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052124			
CN W733	3416		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052208			
CN W733	3424		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052216			
CN W733	3432		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052224			
CN W732	3432		AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016052224		
CN W733	3440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052308		
CN W733	3448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052316		
CN W733	3456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052324		
CN W732	3456	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052324		
CN W733	3464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052408		
CN W733	3472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052416		
CN W733	3480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052424		
CN W732	3480	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052424		
CN W733	3488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052508		
CN W733	3496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052516		
CN W733	3504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052524		
CN W732	3504	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052524		
CN W733	3512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052608		
CN W733	3520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052616		
CN W733	3528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052624		
CN W732	3528	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052624		
CN W733	3536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052708		
CN W733	3544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052716		
CN W733	3552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052724		
CN W732	3552	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052724		
CN W733	3560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052808		
CN W733	3568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052816		
CN W733	3576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052824		
CN W732	3576	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052824		
CN W733	3584	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016052908		
CN W733	3592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052916		
CN W733	3600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052924		
CN W732	3600	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052924		
CN W733	3608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053008		
CN W733	3616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053016		
CN W733	3624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053024		
CN W732	3624	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016053024		
CN W733	3632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053108		
CN W733	3640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053116		
CN W733	3648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053124		
CN W732	3648	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016053124		
CN W733	3656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060108		
CN W733	3664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060116		
CN W733	3672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060124		
CN W732	3672	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060124		
CN W733	3680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060208		
CN W733	3688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060216		
CN W733	3696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060224		
CN W732	3696	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060224		
CN W733	3704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060308		
CN W733	3712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060316		
CN W733	3720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060324		
CN W732	3720	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060324		
CN W733	3728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060408		
CN W733	3736	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016060416		
CN W733	3744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060424		
CN W732	3744	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060424		
CN W733	3752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060508		
CN W733	3760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060516		
CN W733	3768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060524		
CN W732	3768	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060524		
CN W733	3776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060608		
CN W733	3784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060616		
CN W733	3792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060624		
CN W732	3792	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060624		
CN W733	3800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060708		
CN W733	3808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060716		
CN W733	3816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060724		
CN W732	3816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060724		
CN W733	3824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060808		
CN W733	3832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060816		
CN W733	3840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060824		
CN W732	3840	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060824		
CN W733	3848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060908		
CN W733	3856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060916		
CN W733	3864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060924		
CN W732	3864	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060924		
CN W733	3872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061008		
CN W733	3880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061016		
CN W733	3888	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016061024			
CN W732	3888		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061024			
CN W733	3896		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061108			
CN W733	3904		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061116			
CN W733	3912		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061124			
CN W732	3912		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061124			
CN W733	3920		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061208			
CN W733	3928		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061216			
CN W733	3936		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061224			
CN W732	3936		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061224			
CN W733	3944		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061308			
CN W733	3952		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061316			
CN W733	3960		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061324			
CN W732	3960		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061324			
CN W733	3968		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061408			
CN W733	3976		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061416			
CN W733	3984		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061424			
CN W732	3984		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061424			
CN W733	3992		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061508			
CN W733	4000		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061516			
CN W733	4008		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061524			
CN W732	4008		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061524			
CN W733	4016		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061608			
CN W733	4024		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061616			
CN W733	4032		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061624			
CN W732	4032		AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016061624		
CN W733	4040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061708		
CN W733	4048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061716		
CN W733	4056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061724		
CN W732	4056	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061724		
CN W733	4064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061808		
CN W733	4072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061816		
CN W733	4080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061824		
CN W732	4080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061824		
CN W733	4088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061908		
CN W733	4096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061916		
CN W733	4104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061924		
CN W732	4104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061924		
CN W733	4112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062008		
CN W733	4120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062016		
CN W733	4128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062024		
CN W732	4128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062024		
CN W733	4136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062108		
CN W733	4144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062116		
CN W733	4152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062124		
CN W732	4152	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062124		
CN W733	4160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062208		
CN W733	4168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062216		
CN W733	4176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062224		
CN W732	4176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062224		
CN W733	4184	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016062308		
CN W733	4192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062316		
CN W733	4200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062324		
CN W732	4200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062324		
CN W733	4208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062408		
CN W733	4216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062416		
CN W733	4224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062424		
CN W732	4224	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062424		
CN W733	4232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062508		
CN W733	4240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062516		
CN W733	4248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062524		
CN W732	4248	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062524		
CN W733	4256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062608		
CN W733	4264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062616		
CN W733	4272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062624		
CN W732	4272	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062624		
CN W733	4280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062708		
CN W733	4288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062716		
CN W733	4296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062724		
CN W732	4296	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062724		
CN W733	4304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062808		
CN W733	4312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062816		
CN W733	4320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062824		
CN W732	4320	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062824		
CN W733	4328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062908		
CN W733	4336	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016062916		
CN W733	4344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062924		
CN W732	4344	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062924		
CN W733	4352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016063008		
CN W733	4360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016063016		
CN W733	4368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016063024		
CN W732	4368	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016063024		
CN W733	4376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070108		
CN W733	4384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070116		
CN W733	4392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070124		
CN W732	4392	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070124		
CN W733	4400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070208		
CN W733	4408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070216		
CN W733	4416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070224		
CN W732	4416	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070224		
CN W733	4424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070308		
CN W733	4432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070316		
CN W733	4440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070324		
CN W732	4440	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070324		
CN W733	4448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070408		
CN W733	4456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070416		
CN W733	4464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070424		
CN W732	4464	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070424		
CN W733	4472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070508		
CN W733	4480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070516		
CN W733	4488	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016070524			
CN W732	4488		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070524			
CN W733	4496		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070608			
CN W733	4504		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070616			
CN W733	4512		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070624			
CN W732	4512		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070624			
CN W733	4520		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070708			
CN W733	4528		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070716			
CN W733	4536		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070724			
CN W732	4536		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070724			
CN W733	4544		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070808			
CN W733	4552		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070816			
CN W733	4560		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070824			
CN W732	4560		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070824			
CN W733	4568		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070908			
CN W733	4576		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070916			
CN W733	4584		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070924			
CN W732	4584		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070924			
CN W733	4592		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071008			
CN W733	4600		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071016			
CN W733	4608		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071024			
CN W732	4608		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071024			
CN W733	4616		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071108			
CN W733	4624		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071116			
CN W733	4632		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071124			
CN W732	4632		AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016071124		
CN W733	4640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071208		
CN W733	4648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071216		
CN W733	4656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071224		
CN W732	4656	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071224		
CN W733	4664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071308		
CN W733	4672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071316		
CN W733	4680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071324		
CN W732	4680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071324		
CN W733	4688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071408		
CN W733	4696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071416		
CN W733	4704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071424		
CN W732	4704	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071424		
CN W733	4712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071508		
CN W733	4720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071516		
CN W733	4728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071524		
CN W732	4728	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071524		
CN W733	4736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071608		
CN W733	4744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071616		
CN W733	4752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071624		
CN W732	4752	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071624		
CN W733	4760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071708		
CN W733	4768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071716		
CN W733	4776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071724		
CN W732	4776	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071724		
CN W733	4784	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016071808		
CN W733	4792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071816		
CN W733	4800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071824		
CN W732	4800	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071824		
CN W733	4808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071908		
CN W733	4816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071916		
CN W733	4824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071924		
CN W732	4824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071924		
CN W733	4832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072008		
CN W733	4840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072016		
CN W733	4848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072024		
CN W732	4848	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072024		
CN W733	4856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072108		
CN W733	4864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072116		
CN W733	4872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072124		
CN W732	4872	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072124		
CN W733	4880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072208		
CN W733	4888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072216		
CN W733	4896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072224		
CN W732	4896	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072224		
CN W733	4904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072308		
CN W733	4912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072316		
CN W733	4920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072324		
CN W732	4920	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072324		
CN W733	4928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072408		
CN W733	4936	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016072416		
CN W733	4944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072424		
CN W732	4944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072424		
CN W733	4952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072508		
CN W733	4960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072516		
CN W733	4968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072524		
CN W732	4968	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072524		
CN W733	4976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072608		
CN W733	4984	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072616		
CN W733	4992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072624		
CN W732	4992	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072624		
CN W733	5000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072708		
CN W733	5008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072716		
CN W733	5016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072724		
CN W732	5016	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072724		
CN W733	5024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072808		
CN W733	5032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072816		
CN W733	5040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072824		
CN W732	5040	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072824		
CN W733	5048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072908		
CN W733	5056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072916		
CN W733	5064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072924		
CN W732	5064	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072924		
CN W733	5072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073008		
CN W733	5080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073016		
CN W733	5088	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016073024		
CN W732	5088	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016073024		
CN W733	5096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073108		
CN W733	5104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073116		
CN W733	5112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073124		
CN W732	5112	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016073124		
CN W733	5120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080108		
CN W733	5128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080116		
CN W733	5136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080124		
CN W732	5136	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080124		
CN W733	5144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080208		
CN W733	5152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080216		
CN W733	5160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080224		
CN W732	5160	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080224		
CN W733	5168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080308		
CN W733	5176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080316		
CN W733	5184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080324		
CN W732	5184	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080324		
CN W733	5192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080408		
CN W733	5200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080416		
CN W733	5208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080424		
CN W732	5208	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080424		
CN W733	5216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080508		
CN W733	5224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080516		
CN W733	5232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080524		
CN W732	5232	AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016080524		
CN W733	5240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080608		
CN W733	5248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080616		
CN W733	5256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080624		
CN W732	5256	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080624		
CN W733	5264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080708		
CN W733	5272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080716		
CN W733	5280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080724		
CN W732	5280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080724		
CN W733	5288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080808		
CN W733	5296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080816		
CN W733	5304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080824		
CN W732	5304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080824		
CN W733	5312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080908		
CN W733	5320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080916		
CN W733	5328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080924		
CN W732	5328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080924		
CN W733	5336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081008		
CN W733	5344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081016		
CN W733	5352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081024		
CN W732	5352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081024		
CN W733	5360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081108		
CN W733	5368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081116		
CN W733	5376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081124		
CN W732	5376	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081124		
CN W733	5384	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016081208		
CN W733	5392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081216		
CN W733	5400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081224		
CN W732	5400	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081224		
CN W733	5408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081308		
CN W733	5416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081316		
CN W733	5424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081324		
CN W732	5424	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081324		
CN W733	5432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081408		
CN W733	5440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081416		
CN W733	5448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081424		
CN W732	5448	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081424		
CN W733	5456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081508		
CN W733	5464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081516		
CN W733	5472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081524		
CN W732	5472	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081524		
CN W733	5480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081608		
CN W733	5488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081616		
CN W733	5496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081624		
CN W732	5496	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081624		
CN W733	5504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081708		
CN W733	5512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081716		
CN W733	5520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081724		
CN W732	5520	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081724		
CN W733	5528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081808		
CN W733	5536	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016081816		
CN W733	5544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081824		
CN W732	5544	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081824		
CN W733	5552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081908		
CN W733	5560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081916		
CN W733	5568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081924		
CN W732	5568	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081924		
CN W733	5576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082008		
CN W733	5584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082016		
CN W733	5592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082024		
CN W732	5592	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082024		
CN W733	5600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082108		
CN W733	5608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082116		
CN W733	5616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082124		
CN W732	5616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082124		
CN W733	5624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082208		
CN W733	5632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082216		
CN W733	5640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082224		
CN W732	5640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082224		
CN W733	5648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082308		
CN W733	5656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082316		
CN W733	5664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082324		
CN W732	5664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082324		
CN W733	5672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082408		
CN W733	5680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082416		
CN W733	5688	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2016082424			
CN W732	5688		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082424			
CN W733	5696		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082508			
CN W733	5704		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082516			
CN W733	5712		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082524			
CN W732	5712		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082524			
CN W733	5720		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082608			
CN W733	5728		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082616			
CN W733	5736		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082624			
CN W732	5736		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082624			
CN W733	5744		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082708			
CN W733	5752		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082716			
CN W733	5760		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082724			
CN W732	5760		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082724			
CN W733	5768		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082808			
CN W733	5776		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082816			
CN W733	5784		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082824			
CN W732	5784		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082824			
CN W733	5792		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082908			
CN W733	5800		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082916			
CN W733	5808		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082924			
CN W732	5808		AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082924			
CN W733	5816		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083008			
CN W733	5824		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083016			
CN W733	5832		AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083024			
CN W732	5832		AVER: 24-hr avg, < 18 hours of data, calms policy used.

2016083024		
CN W733	5840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083108		
CN W733	5848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083116		
CN W733	5856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083124		
CN W732	5856	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016083124		
CN W733	5864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090108		
CN W733	5872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090116		
CN W733	5880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090124		
CN W732	5880	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090124		
CN W733	5888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090208		
CN W733	5896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090216		
CN W733	5904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090224		
CN W732	5904	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090224		
CN W733	5912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090308		
CN W733	5920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090316		
CN W733	5928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090324		
CN W732	5928	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090324		
CN W733	5936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090408		
CN W733	5944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090416		
CN W733	5952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090424		
CN W732	5952	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090424		
CN W733	5960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090508		
CN W733	5968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090516		
CN W733	5976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090524		
CN W732	5976	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090524		

More Than 999 Warning Messages Found. See ERRORFIL Output for the Remainder.

```
*****  
*** AERMOD Finishes Successfully ***  
*****
```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 1

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: ALL

**Model Calculates 3 Short Term Average(s) of: 1-HR 8-HR 24-HR

**This Run Includes: 1 Source(s); 1 Source Group(s); and 182
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 1 BUOYANT LINE source(s) with a total of 1 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

(METERS/SEC)

.....

16 01 01	1 01	-7.9	0.120	-9.000	-9.000	-999.	100.	18.2	0.04	2.10
1.00	999.00	306.	10.0	269.9	2.0					
16 01 01	1 02	-8.5	0.125	-9.000	-9.000	-999.	106.	19.0	0.04	2.10
1.00	999.00	320.	10.0	270.4	2.0					
16 01 01	1 03	-6.0	0.104	-9.000	-9.000	-999.	81.	15.6	0.04	2.10
1.00	999.00	342.	10.0	269.2	2.0					
16 01 01	1 04	-14.7	0.166	-9.000	-9.000	-999.	162.	30.2	0.04	2.10
1.00	999.00	348.	10.0	269.2	2.0					
16 01 01	1 05	-5.6	0.103	-9.000	-9.000	-999.	81.	16.3	0.07	2.10
1.00	999.00	291.	10.0	268.1	2.0					
16 01 01	1 06	-8.7	0.130	-9.000	-9.000	-999.	112.	20.8	0.08	2.10
1.00	999.00	212.	10.0	265.9	2.0					
16 01 01	1 07	-4.6	0.094	-9.000	-9.000	-999.	69.	14.9	0.08	2.10
1.00	999.00	237.	10.0	265.4	2.0					
16 01 01	1 08	-6.4	0.116	-9.000	-9.000	-999.	95.	20.2	0.07	2.10
0.58	999.00	280.	10.0	268.1	2.0					
16 01 01	1 09	23.8	0.190	0.350	0.006	60.	198.	-23.8	0.04	2.10
0.35	999.00	314.	10.0	272.5	2.0					
16 01 01	1 10	86.5	0.191	0.897	0.005	278.	201.	-6.7	0.04	2.10
0.27	999.00	316.	10.0	274.2	2.0					
16 01 01	1 11	130.5	0.179	1.276	0.005	529.	182.	-3.7	0.04	2.10
0.24	999.00	355.	10.0	276.4	2.0					
16 01 01	1 12	152.4	0.236	1.449	0.005	663.	275.	-7.2	0.04	2.10
0.23	999.00	3.	10.0	278.1	2.0					
16 01 01	1 13	151.1	0.249	1.731	0.005	1140.	299.	-8.5	0.04	2.10
0.24	999.00	22.	10.0	279.9	2.0					
16 01 01	1 14	126.6	0.243	1.735	0.011	1371.	288.	-9.4	0.05	2.10
0.25	999.00	38.	10.0	280.4	2.0					
16 01 01	1 15	79.8	0.204	1.509	0.012	1429.	221.	-8.7	0.05	2.10
0.28	999.00	49.	10.0	280.4	2.0					
16 01 01	1 16	15.5	0.185	0.876	0.013	1440.	191.	-33.8	0.05	2.10
0.37	999.00	42.	10.0	280.4	2.0					
16 01 01	1 17	-17.9	0.208	-9.000	-9.000	-999.	227.	47.4	0.04	2.10
0.64	999.00	22.	10.0	278.8	2.0					
16 01 01	1 18	-15.1	0.170	-9.000	-9.000	-999.	168.	31.6	0.04	2.10
1.00	999.00	352.	10.0	278.1	2.0					
16 01 01	1 19	-6.9	0.113	-9.000	-9.000	-999.	92.	17.3	0.04	2.10
1.00	999.00	336.	10.0	277.0	2.0					
16 01 01	1 20	-12.3	0.156	-9.000	-9.000	-999.	148.	26.8	0.07	2.10
1.00	999.00	284.	10.0	275.9	2.0					
16 01 01	1 21	-14.5	0.170	-9.000	-9.000	-999.	168.	31.7	0.07	2.10
1.00	999.00	288.	10.0	275.4	2.0					
16 01 01	1 22	-13.8	0.162	-9.000	-9.000	-999.	156.	28.8	0.04	2.10
1.00	999.00	322.	10.0	275.9	2.0					
16 01 01	1 23	-19.3	0.203	-9.000	-9.000	-999.	220.	45.5	0.07	2.10
1.00	999.00	296.	10.0	274.2	2.0					
16 01 01	1 24	-9.4	0.132	-9.000	-9.000	-999.	116.	20.4	0.04	2.10
1.00	999.00	320.	10.0	275.4	2.0					

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
16	01	01	01	10.0	1	306.	-99.00	269.9	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF ALL IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	(YYMMDDHH)	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

ALL HIGH 1ST HIGH VALUE IS 110.98389 ON 17121110: AT (394845.91,
3816316.86, 921.57, 1439.49, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 5

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE SUMMARY OF HIGHEST 8-HR

RESULTS ***

** CONC OF ALL IN MICROGRAMS/M**3

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR

ALL HIGH 1ST HIGH VALUE IS 18.49731m ON 17121116: AT (394845.91,
3816316.86, 921.57, 1439.49, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

PAGE 6

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

** CONC OF ALL IN MICROGRAMS/M**3

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR

ALL HIGH 1ST HIGH VALUE IS 6.16577m ON 17121124: AT (394845.91,
3816316.86, 921.57, 1439.49, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/04/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 10:03:28

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 7311 Warning Message(s)
 A Total of 43840 Informational Message(s)

 A Total of 43848 Hours Were Processed

 A Total of 0 Calm Hours Identified

 A Total of 43840 Missing Hours Identified (99.98 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
 Data May Not Be Acceptable for Regulatory Applications.
 See Section 5.3.2 of "Meteorological Monitoring Guidance
 for Regulatory Modeling Applications" (EPA-454/R-99-005).

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****

RE W476	11	BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL)		
ME W186	24	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	24	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W733	8	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010108		
CN W733	16	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010116		
CN W733	24	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010124		
CN W732	24	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010124		
CN W733	32	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010208		
CN W733	40	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010216		
CN W733	48	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010224		
CN W732	48	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016010224		

CN W733 2016010308	56	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010316	64	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010324	72	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016010324	72	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016010408	80	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010416	88	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010424	96	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016010424	96	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016010508	104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010516	112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010524	120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016010524	120	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016010608	128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010616	136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010624	144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016010624	144	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016010708	152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010716	160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010724	168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016010724	168	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016010808	176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010816	184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010824	192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016010824	192	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016010908	200	AVER: 8-hr avg, < 6 hours of data, calms policy used.

CN W733 2016010916	208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016010924	216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016010924	216	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016011008	224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011016	232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011024	240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016011024	240	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016011108	248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011116	256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011124	264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016011124	264	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016011208	272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011216	280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011224	288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016011224	288	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016011308	296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011316	304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011324	312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016011324	312	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016011408	320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011416	328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011424	336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016011424	336	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016011508	344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016011516	352	AVER: 8-hr avg, < 6 hours of data, calms policy used.

CN W733	360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011524		
CN W732	360	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011524		
CN W733	368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011608		
CN W733	376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011616		
CN W733	384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011624		
CN W732	384	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011624		
CN W733	392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011708		
CN W733	400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011716		
CN W733	408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011724		
CN W732	408	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011724		
CN W733	416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011808		
CN W733	424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011816		
CN W733	432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011824		
CN W732	432	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011824		
CN W733	440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011908		
CN W733	448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011916		
CN W733	456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011924		
CN W732	456	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016011924		
CN W733	464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012008		
CN W733	472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012016		
CN W733	480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012024		
CN W732	480	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012024		
CN W733	488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012108		
CN W733	496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012116		
CN W733	504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012124		

CN W732	504	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012124		
CN W733	512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012208		
CN W733	520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012216		
CN W733	528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012224		
CN W732	528	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012224		
CN W733	536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012308		
CN W733	544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012316		
CN W733	552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012324		
CN W732	552	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012324		
CN W733	560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012408		
CN W733	568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012416		
CN W733	576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012424		
CN W732	576	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012424		
CN W733	584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012508		
CN W733	592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012516		
CN W733	600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012524		
CN W732	600	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012524		
CN W733	608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012608		
CN W733	616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012616		
CN W733	624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012624		
CN W732	624	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012624		
CN W733	632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012708		
CN W733	640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012716		
CN W733	648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016012724		
CN W732	648	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016012724		

CN W733 2016012808	656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016012816	664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016012824	672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016012824	672	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016012908	680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016012916	688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016012924	696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016012924	696	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016013008	704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016013016	712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016013024	720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016013024	720	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016013108	728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016013116	736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016013124	744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016013124	744	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016020108	752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016020116	760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016020124	768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016020124	768	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016020208	776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016020216	784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016020224	792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016020224	792	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016020308	800	AVER: 8-hr avg, < 6 hours of data, calms policy used.

CN W733	808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020316		
CN W733	816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020324		
CN W732	816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020324		
CN W733	824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020408		
CN W733	832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020416		
CN W733	840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020424		
CN W732	840	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020424		
CN W733	848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020508		
CN W733	856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020516		
CN W733	864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020524		
CN W732	864	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020524		
CN W733	872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020608		
CN W733	880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020616		
CN W733	888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020624		
CN W732	888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020624		
CN W733	896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020708		
CN W733	904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020716		
CN W733	912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020724		
CN W732	912	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020724		
CN W733	920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020808		
CN W733	928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020816		
CN W733	936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020824		
CN W732	936	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020824		
CN W733	944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020908		
CN W733	952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020916		

CN W733	960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020924		
CN W732	960	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016020924		
CN W733	968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021008		
CN W733	976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021016		
CN W733	984	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021024		
CN W732	984	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021024		
CN W733	992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021108		
CN W733	1000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021116		
CN W733	1008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021124		
CN W732	1008	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021124		
CN W733	1016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021208		
CN W733	1024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021216		
CN W733	1032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021224		
CN W732	1032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021224		
CN W733	1040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021308		
CN W733	1048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021316		
CN W733	1056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021324		
CN W732	1056	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021324		
CN W733	1064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021408		
CN W733	1072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021416		
CN W733	1080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021424		
CN W732	1080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021424		
CN W733	1088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021508		
CN W733	1096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021516		
CN W733	1104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021524		

CN W732	1104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021524		
CN W733	1112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021608		
CN W733	1120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021616		
CN W733	1128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021624		
CN W732	1128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021624		
CN W733	1136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021708		
CN W733	1144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021716		
CN W733	1152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021724		
CN W732	1152	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021724		
CN W733	1160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021808		
CN W733	1168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021816		
CN W733	1176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021824		
CN W732	1176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021824		
CN W733	1184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021908		
CN W733	1192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021916		
CN W733	1200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016021924		
CN W732	1200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016021924		
CN W733	1208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022008		
CN W733	1216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022016		
CN W733	1224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022024		
CN W732	1224	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022024		
CN W733	1232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022108		
CN W733	1240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022116		
CN W733	1248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022124		
CN W732	1248	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022124		

CN W733	1256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022208		
CN W733	1264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022216		
CN W733	1272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022224		
CN W732	1272	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022224		
CN W733	1280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022308		
CN W733	1288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022316		
CN W733	1296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022324		
CN W732	1296	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022324		
CN W733	1304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022408		
CN W733	1312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022416		
CN W733	1320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022424		
CN W732	1320	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022424		
CN W733	1328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022508		
CN W733	1336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022516		
CN W733	1344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022524		
CN W732	1344	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022524		
CN W733	1352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022608		
CN W733	1360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022616		
CN W733	1368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022624		
CN W732	1368	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022624		
CN W733	1376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022708		
CN W733	1384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022716		
CN W733	1392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022724		
CN W732	1392	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022724		
CN W733	1400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022808		

CN W733	1408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022816		
CN W733	1416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022824		
CN W732	1416	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022824		
CN W733	1424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022908		
CN W733	1432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022916		
CN W733	1440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016022924		
CN W732	1440	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016022924		
CN W733	1448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030108		
CN W733	1456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030116		
CN W733	1464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030124		
CN W732	1464	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030124		
CN W733	1472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030208		
CN W733	1480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030216		
CN W733	1488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030224		
CN W732	1488	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030224		
CN W733	1496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030308		
CN W733	1504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030316		
CN W733	1512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030324		
CN W732	1512	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030324		
CN W733	1520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030408		
CN W733	1528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030416		
CN W733	1536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030424		
CN W732	1536	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030424		
CN W733	1544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030508		
CN W733	1552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030516		

CN W733	1560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030524		
CN W732	1560	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030524		
CN W733	1568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030608		
CN W733	1576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030616		
CN W733	1584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030624		
CN W732	1584	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030624		
CN W733	1592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030708		
CN W733	1600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030716		
CN W733	1608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030724		
CN W732	1608	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030724		
CN W733	1616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030808		
CN W733	1624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030816		
CN W733	1632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030824		
CN W732	1632	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030824		
CN W733	1640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030908		
CN W733	1648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030916		
CN W733	1656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016030924		
CN W732	1656	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016030924		
CN W733	1664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031008		
CN W733	1672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031016		
CN W733	1680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031024		
CN W732	1680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031024		
CN W733	1688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031108		
CN W733	1696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031116		
CN W733	1704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031124		

CN W732	1704	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031124		
CN W733	1712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031208		
CN W733	1720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031216		
CN W733	1728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031224		
CN W732	1728	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031224		
CN W733	1736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031308		
CN W733	1744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031316		
CN W733	1752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031324		
CN W732	1752	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031324		
CN W733	1760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031408		
CN W733	1768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031416		
CN W733	1776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031424		
CN W732	1776	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031424		
CN W733	1784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031508		
CN W733	1792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031516		
CN W733	1800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031524		
CN W732	1800	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031524		
CN W733	1808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031608		
CN W733	1816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031616		
CN W733	1824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031624		
CN W732	1824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031624		
CN W733	1832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031708		
CN W733	1840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031716		
CN W733	1848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031724		
CN W732	1848	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031724		

CN W733	1856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031808		
CN W733	1864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031816		
CN W733	1872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031824		
CN W732	1872	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031824		
CN W733	1880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031908		
CN W733	1888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031916		
CN W733	1896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031924		
CN W732	1896	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031924		
CN W733	1904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032008		
CN W733	1912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032016		
CN W733	1920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032024		
CN W732	1920	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032024		
CN W733	1928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032108		
CN W733	1936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032116		
CN W733	1944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032124		
CN W732	1944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032124		
CN W733	1952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032208		
CN W733	1960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032216		
CN W733	1968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032224		
CN W732	1968	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032224		
CN W733	1976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032308		
CN W733	1984	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032316		
CN W733	1992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032324		
CN W732	1992	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032324		
CN W733	2000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032408		

CN W733	2008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032416		
CN W733	2016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032424		
CN W732	2016	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032424		
CN W733	2024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032508		
CN W733	2032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032516		
CN W733	2040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032524		
CN W732	2040	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032524		
CN W733	2048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032608		
CN W733	2056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032616		
CN W733	2064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032624		
CN W732	2064	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032624		
CN W733	2072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032708		
CN W733	2080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032716		
CN W733	2088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032724		
CN W732	2088	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032724		
CN W733	2096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032808		
CN W733	2104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032816		
CN W733	2112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032824		
CN W732	2112	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032824		
CN W733	2120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032908		
CN W733	2128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032916		
CN W733	2136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032924		
CN W732	2136	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016032924		
CN W733	2144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033008		
CN W733	2152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033016		

CN W733	2160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033024		
CN W732	2160	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016033024		
CN W733	2168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033108		
CN W733	2176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033116		
CN W733	2184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016033124		
CN W732	2184	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016033124		
CN W733	2192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040108		
CN W733	2200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040116		
CN W733	2208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040124		
CN W732	2208	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040124		
CN W733	2216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040208		
CN W733	2224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040216		
CN W733	2232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040224		
CN W732	2232	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040224		
CN W733	2240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040308		
CN W733	2248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040316		
CN W733	2256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040324		
CN W732	2256	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040324		
CN W733	2264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040408		
CN W733	2272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040416		
CN W733	2280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040424		
CN W732	2280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040424		
CN W733	2288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040508		
CN W733	2296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040516		
CN W733	2304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040524		

CN W732	2304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040524		
CN W733	2312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040608		
CN W733	2320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040616		
CN W733	2328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040624		
CN W732	2328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040624		
CN W733	2336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040708		
CN W733	2344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040716		
CN W733	2352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040724		
CN W732	2352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040724		
CN W733	2360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040808		
CN W733	2368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040816		
CN W733	2376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040824		
CN W732	2376	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040824		
CN W733	2384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040908		
CN W733	2392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040916		
CN W733	2400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040924		
CN W732	2400	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016040924		
CN W733	2408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041008		
CN W733	2416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041016		
CN W733	2424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041024		
CN W732	2424	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041024		
CN W733	2432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041108		
CN W733	2440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041116		
CN W733	2448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041124		
CN W732	2448	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041124		

CN W733	2456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041208		
CN W733	2464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041216		
CN W733	2472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041224		
CN W732	2472	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041224		
CN W733	2480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041308		
CN W733	2488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041316		
CN W733	2496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041324		
CN W732	2496	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041324		
CN W733	2504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041408		
CN W733	2512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041416		
CN W733	2520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041424		
CN W732	2520	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041424		
CN W733	2528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041508		
CN W733	2536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041516		
CN W733	2544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041524		
CN W732	2544	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041524		
CN W733	2552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041608		
CN W733	2560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041616		
CN W733	2568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041624		
CN W732	2568	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041624		
CN W733	2576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041708		
CN W733	2584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041716		
CN W733	2592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041724		
CN W732	2592	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041724		
CN W733	2600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041808		

CN W733	2608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041816		
CN W733	2616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041824		
CN W732	2616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041824		
CN W733	2624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041908		
CN W733	2632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041916		
CN W733	2640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016041924		
CN W732	2640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016041924		
CN W733	2648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042008		
CN W733	2656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042016		
CN W733	2664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042024		
CN W732	2664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042024		
CN W733	2672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042108		
CN W733	2680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042116		
CN W733	2688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042124		
CN W732	2688	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042124		
CN W733	2696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042208		
CN W733	2704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042216		
CN W733	2712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042224		
CN W732	2712	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042224		
CN W733	2720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042308		
CN W733	2728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042316		
CN W733	2736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042324		
CN W732	2736	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042324		
CN W733	2744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042408		
CN W733	2752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042416		

CN W733	2760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042424		
CN W732	2760	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042424		
CN W733	2768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042508		
CN W733	2776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042516		
CN W733	2784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042524		
CN W732	2784	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042524		
CN W733	2792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042608		
CN W733	2800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042616		
CN W733	2808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042624		
CN W732	2808	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042624		
CN W733	2816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042708		
CN W733	2824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042716		
CN W733	2832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042724		
CN W732	2832	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042724		
CN W733	2840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042808		
CN W733	2848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042816		
CN W733	2856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042824		
CN W732	2856	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042824		
CN W733	2864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042908		
CN W733	2872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042916		
CN W733	2880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016042924		
CN W732	2880	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016042924		
CN W733	2888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016043008		
CN W733	2896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016043016		
CN W733	2904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016043024		

CN W732	2904	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016043024		
CN W733	2912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050108		
CN W733	2920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050116		
CN W733	2928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050124		
CN W732	2928	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050124		
CN W733	2936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050208		
CN W733	2944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050216		
CN W733	2952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050224		
CN W732	2952	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050224		
CN W733	2960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050308		
CN W733	2968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050316		
CN W733	2976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050324		
CN W732	2976	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050324		
CN W733	2984	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050408		
CN W733	2992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050416		
CN W733	3000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050424		
CN W732	3000	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050424		
CN W733	3008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050508		
CN W733	3016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050516		
CN W733	3024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050524		
CN W732	3024	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050524		
CN W733	3032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050608		
CN W733	3040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050616		
CN W733	3048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050624		
CN W732	3048	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016050624		

CN W733 2016050708	3056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016050716	3064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016050724	3072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016050724	3072	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016050808	3080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016050816	3088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016050824	3096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016050824	3096	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016050908	3104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016050916	3112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016050924	3120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016050924	3120	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016051008	3128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016051016	3136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016051024	3144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016051024	3144	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016051108	3152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016051116	3160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016051124	3168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016051124	3168	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016051208	3176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016051216	3184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W733 2016051224	3192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
CN W732 2016051224	3192	AVER: 24-hr avg, < 18 hours of data, calms policy used.
CN W733 2016051308	3200	AVER: 8-hr avg, < 6 hours of data, calms policy used.

CN W733	3208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051316		
CN W733	3216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051324		
CN W732	3216	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051324		
CN W733	3224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051408		
CN W733	3232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051416		
CN W733	3240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051424		
CN W732	3240	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051424		
CN W733	3248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051508		
CN W733	3256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051516		
CN W733	3264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051524		
CN W732	3264	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051524		
CN W733	3272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051608		
CN W733	3280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051616		
CN W733	3288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051624		
CN W732	3288	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051624		
CN W733	3296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051708		
CN W733	3304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051716		
CN W733	3312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051724		
CN W732	3312	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051724		
CN W733	3320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051808		
CN W733	3328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051816		
CN W733	3336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051824		
CN W732	3336	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051824		
CN W733	3344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051908		
CN W733	3352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051916		

CN W733	3360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051924		
CN W732	3360	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016051924		
CN W733	3368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052008		
CN W733	3376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052016		
CN W733	3384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052024		
CN W732	3384	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052024		
CN W733	3392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052108		
CN W733	3400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052116		
CN W733	3408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052124		
CN W732	3408	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052124		
CN W733	3416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052208		
CN W733	3424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052216		
CN W733	3432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052224		
CN W732	3432	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052224		
CN W733	3440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052308		
CN W733	3448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052316		
CN W733	3456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052324		
CN W732	3456	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052324		
CN W733	3464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052408		
CN W733	3472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052416		
CN W733	3480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052424		
CN W732	3480	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052424		
CN W733	3488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052508		
CN W733	3496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052516		
CN W733	3504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052524		

CN W732	3504	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052524		
CN W733	3512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052608		
CN W733	3520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052616		
CN W733	3528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052624		
CN W732	3528	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052624		
CN W733	3536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052708		
CN W733	3544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052716		
CN W733	3552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052724		
CN W732	3552	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052724		
CN W733	3560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052808		
CN W733	3568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052816		
CN W733	3576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052824		
CN W732	3576	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052824		
CN W733	3584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052908		
CN W733	3592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052916		
CN W733	3600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016052924		
CN W732	3600	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016052924		
CN W733	3608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053008		
CN W733	3616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053016		
CN W733	3624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053024		
CN W732	3624	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016053024		
CN W733	3632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053108		
CN W733	3640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053116		
CN W733	3648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016053124		
CN W732	3648	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016053124		

CN W733	3656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060108		
CN W733	3664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060116		
CN W733	3672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060124		
CN W732	3672	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060124		
CN W733	3680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060208		
CN W733	3688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060216		
CN W733	3696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060224		
CN W732	3696	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060224		
CN W733	3704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060308		
CN W733	3712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060316		
CN W733	3720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060324		
CN W732	3720	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060324		
CN W733	3728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060408		
CN W733	3736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060416		
CN W733	3744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060424		
CN W732	3744	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060424		
CN W733	3752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060508		
CN W733	3760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060516		
CN W733	3768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060524		
CN W732	3768	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060524		
CN W733	3776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060608		
CN W733	3784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060616		
CN W733	3792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060624		
CN W732	3792	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060624		
CN W733	3800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060708		

CN W733	3808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060716		
CN W733	3816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060724		
CN W732	3816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060724		
CN W733	3824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060808		
CN W733	3832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060816		
CN W733	3840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060824		
CN W732	3840	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060824		
CN W733	3848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060908		
CN W733	3856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060916		
CN W733	3864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060924		
CN W732	3864	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016060924		
CN W733	3872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061008		
CN W733	3880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061016		
CN W733	3888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061024		
CN W732	3888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061024		
CN W733	3896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061108		
CN W733	3904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061116		
CN W733	3912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061124		
CN W732	3912	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061124		
CN W733	3920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061208		
CN W733	3928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061216		
CN W733	3936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061224		
CN W732	3936	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061224		
CN W733	3944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061308		
CN W733	3952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061316		

CN W733	3960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061324		
CN W732	3960	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061324		
CN W733	3968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061408		
CN W733	3976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061416		
CN W733	3984	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061424		
CN W732	3984	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061424		
CN W733	3992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061508		
CN W733	4000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061516		
CN W733	4008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061524		
CN W732	4008	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061524		
CN W733	4016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061608		
CN W733	4024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061616		
CN W733	4032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061624		
CN W732	4032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061624		
CN W733	4040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061708		
CN W733	4048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061716		
CN W733	4056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061724		
CN W732	4056	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061724		
CN W733	4064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061808		
CN W733	4072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061816		
CN W733	4080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061824		
CN W732	4080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061824		
CN W733	4088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061908		
CN W733	4096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061916		
CN W733	4104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016061924		

CN W732	4104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016061924		
CN W733	4112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062008		
CN W733	4120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062016		
CN W733	4128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062024		
CN W732	4128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062024		
CN W733	4136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062108		
CN W733	4144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062116		
CN W733	4152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062124		
CN W732	4152	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062124		
CN W733	4160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062208		
CN W733	4168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062216		
CN W733	4176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062224		
CN W732	4176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062224		
CN W733	4184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062308		
CN W733	4192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062316		
CN W733	4200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062324		
CN W732	4200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062324		
CN W733	4208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062408		
CN W733	4216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062416		
CN W733	4224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062424		
CN W732	4224	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062424		
CN W733	4232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062508		
CN W733	4240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062516		
CN W733	4248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062524		
CN W732	4248	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062524		

CN W733	4256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062608		
CN W733	4264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062616		
CN W733	4272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062624		
CN W732	4272	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062624		
CN W733	4280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062708		
CN W733	4288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062716		
CN W733	4296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062724		
CN W732	4296	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062724		
CN W733	4304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062808		
CN W733	4312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062816		
CN W733	4320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062824		
CN W732	4320	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062824		
CN W733	4328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062908		
CN W733	4336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062916		
CN W733	4344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062924		
CN W732	4344	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016062924		
CN W733	4352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016063008		
CN W733	4360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016063016		
CN W733	4368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016063024		
CN W732	4368	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016063024		
CN W733	4376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070108		
CN W733	4384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070116		
CN W733	4392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070124		
CN W732	4392	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070124		
CN W733	4400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070208		

CN W733	4408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070216		
CN W733	4416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070224		
CN W732	4416	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070224		
CN W733	4424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070308		
CN W733	4432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070316		
CN W733	4440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070324		
CN W732	4440	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070324		
CN W733	4448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070408		
CN W733	4456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070416		
CN W733	4464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070424		
CN W732	4464	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070424		
CN W733	4472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070508		
CN W733	4480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070516		
CN W733	4488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070524		
CN W732	4488	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070524		
CN W733	4496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070608		
CN W733	4504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070616		
CN W733	4512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070624		
CN W732	4512	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070624		
CN W733	4520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070708		
CN W733	4528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070716		
CN W733	4536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070724		
CN W732	4536	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070724		
CN W733	4544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070808		
CN W733	4552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070816		

CN W733	4560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070824		
CN W732	4560	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070824		
CN W733	4568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070908		
CN W733	4576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070916		
CN W733	4584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070924		
CN W732	4584	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016070924		
CN W733	4592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071008		
CN W733	4600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071016		
CN W733	4608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071024		
CN W732	4608	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071024		
CN W733	4616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071108		
CN W733	4624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071116		
CN W733	4632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071124		
CN W732	4632	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071124		
CN W733	4640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071208		
CN W733	4648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071216		
CN W733	4656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071224		
CN W732	4656	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071224		
CN W733	4664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071308		
CN W733	4672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071316		
CN W733	4680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071324		
CN W732	4680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071324		
CN W733	4688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071408		
CN W733	4696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071416		
CN W733	4704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071424		

CN W732	4704	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071424		
CN W733	4712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071508		
CN W733	4720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071516		
CN W733	4728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071524		
CN W732	4728	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071524		
CN W733	4736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071608		
CN W733	4744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071616		
CN W733	4752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071624		
CN W732	4752	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071624		
CN W733	4760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071708		
CN W733	4768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071716		
CN W733	4776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071724		
CN W732	4776	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071724		
CN W733	4784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071808		
CN W733	4792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071816		
CN W733	4800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071824		
CN W732	4800	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071824		
CN W733	4808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071908		
CN W733	4816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071916		
CN W733	4824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071924		
CN W732	4824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016071924		
CN W733	4832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072008		
CN W733	4840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072016		
CN W733	4848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072024		
CN W732	4848	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072024		

CN W733	4856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072108		
CN W733	4864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072116		
CN W733	4872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072124		
CN W732	4872	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072124		
CN W733	4880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072208		
CN W733	4888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072216		
CN W733	4896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072224		
CN W732	4896	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072224		
CN W733	4904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072308		
CN W733	4912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072316		
CN W733	4920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072324		
CN W732	4920	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072324		
CN W733	4928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072408		
CN W733	4936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072416		
CN W733	4944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072424		
CN W732	4944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072424		
CN W733	4952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072508		
CN W733	4960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072516		
CN W733	4968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072524		
CN W732	4968	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072524		
CN W733	4976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072608		
CN W733	4984	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072616		
CN W733	4992	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072624		
CN W732	4992	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072624		
CN W733	5000	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072708		

CN W733	5008	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072716		
CN W733	5016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072724		
CN W732	5016	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072724		
CN W733	5024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072808		
CN W733	5032	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072816		
CN W733	5040	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072824		
CN W732	5040	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072824		
CN W733	5048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072908		
CN W733	5056	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072916		
CN W733	5064	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072924		
CN W732	5064	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016072924		
CN W733	5072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073008		
CN W733	5080	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073016		
CN W733	5088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073024		
CN W732	5088	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016073024		
CN W733	5096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073108		
CN W733	5104	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073116		
CN W733	5112	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073124		
CN W732	5112	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016073124		
CN W733	5120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080108		
CN W733	5128	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080116		
CN W733	5136	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080124		
CN W732	5136	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080124		
CN W733	5144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080208		
CN W733	5152	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080216		

CN W733	5160	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080224		
CN W732	5160	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080224		
CN W733	5168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080308		
CN W733	5176	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080316		
CN W733	5184	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080324		
CN W732	5184	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080324		
CN W733	5192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080408		
CN W733	5200	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080416		
CN W733	5208	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080424		
CN W732	5208	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080424		
CN W733	5216	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080508		
CN W733	5224	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080516		
CN W733	5232	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080524		
CN W732	5232	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080524		
CN W733	5240	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080608		
CN W733	5248	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080616		
CN W733	5256	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080624		
CN W732	5256	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080624		
CN W733	5264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080708		
CN W733	5272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080716		
CN W733	5280	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080724		
CN W732	5280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080724		
CN W733	5288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080808		
CN W733	5296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080816		
CN W733	5304	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080824		

CN W732	5304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080824		
CN W733	5312	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080908		
CN W733	5320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080916		
CN W733	5328	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016080924		
CN W732	5328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016080924		
CN W733	5336	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081008		
CN W733	5344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081016		
CN W733	5352	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081024		
CN W732	5352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081024		
CN W733	5360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081108		
CN W733	5368	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081116		
CN W733	5376	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081124		
CN W732	5376	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081124		
CN W733	5384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081208		
CN W733	5392	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081216		
CN W733	5400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081224		
CN W732	5400	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081224		
CN W733	5408	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081308		
CN W733	5416	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081316		
CN W733	5424	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081324		
CN W732	5424	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081324		
CN W733	5432	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081408		
CN W733	5440	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081416		
CN W733	5448	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081424		
CN W732	5448	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081424		

CN W733	5456	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081508		
CN W733	5464	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081516		
CN W733	5472	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081524		
CN W732	5472	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081524		
CN W733	5480	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081608		
CN W733	5488	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081616		
CN W733	5496	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081624		
CN W732	5496	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081624		
CN W733	5504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081708		
CN W733	5512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081716		
CN W733	5520	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081724		
CN W732	5520	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081724		
CN W733	5528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081808		
CN W733	5536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081816		
CN W733	5544	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081824		
CN W732	5544	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081824		
CN W733	5552	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081908		
CN W733	5560	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081916		
CN W733	5568	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081924		
CN W732	5568	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081924		
CN W733	5576	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082008		
CN W733	5584	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082016		
CN W733	5592	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082024		
CN W732	5592	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082024		
CN W733	5600	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082108		

CN W733	5608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082116		
CN W733	5616	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082124		
CN W732	5616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082124		
CN W733	5624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082208		
CN W733	5632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082216		
CN W733	5640	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082224		
CN W732	5640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082224		
CN W733	5648	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082308		
CN W733	5656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082316		
CN W733	5664	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082324		
CN W732	5664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082324		
CN W733	5672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082408		
CN W733	5680	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082416		
CN W733	5688	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082424		
CN W732	5688	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082424		
CN W733	5696	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082508		
CN W733	5704	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082516		
CN W733	5712	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082524		
CN W732	5712	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082524		
CN W733	5720	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082608		
CN W733	5728	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082616		
CN W733	5736	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082624		
CN W732	5736	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082624		
CN W733	5744	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082708		
CN W733	5752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082716		

CN W733	5760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082724		
CN W732	5760	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082724		
CN W733	5768	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082808		
CN W733	5776	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082816		
CN W733	5784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082824		
CN W732	5784	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082824		
CN W733	5792	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082908		
CN W733	5800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082916		
CN W733	5808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082924		
CN W732	5808	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016082924		
CN W733	5816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083008		
CN W733	5824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083016		
CN W733	5832	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083024		
CN W732	5832	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016083024		
CN W733	5840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083108		
CN W733	5848	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083116		
CN W733	5856	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016083124		
CN W732	5856	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016083124		
CN W733	5864	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090108		
CN W733	5872	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090116		
CN W733	5880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090124		
CN W732	5880	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090124		
CN W733	5888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090208		
CN W733	5896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090216		
CN W733	5904	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090224		

CN W732	5904	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090224		
CN W733	5912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090308		
CN W733	5920	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090316		
CN W733	5928	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090324		
CN W732	5928	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090324		
CN W733	5936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090408		
CN W733	5944	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090416		
CN W733	5952	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090424		
CN W732	5952	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090424		
CN W733	5960	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090508		
CN W733	5968	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090516		
CN W733	5976	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016090524		
CN W732	5976	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016090524		
More Than 999 Warning Messages Found. See ERRORFIL Output for the Remainder.		

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/10/2026
** File: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Prairie Song\Prairie
Song Plume Study - Unit\Prairie Song Plume Study.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Prairie Song Plume Study
  TITLETWO Prairie Song BESS Plume Study
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  POLLUTID ALL
  RUNORNOT RUN
  ERRORFIL "Prairie Song Plume Study.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION BLINE1      BUOYLINE    394880.530   3816417.740   394885.310
3816417.740      926.310
** Source Parameters **
  SRCPARAM BLINE1          1.0      2.900
  BLPINPUT      6.058      2.900      2.400      2.400      3.000      111.530
  BLPGROUP ALL
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**

```

**

RE STARTING

INCLUDED "Prairie Song Plume Study.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "Met Data\Palmdale KPMD_723820_23182\723820_2016-2020_AdjU.sfc"

PROFFILE "Met Data\Palmdale KPMD_723820_23182\723820_2016-2020_AdjU.PFL"

SURFDATA 23182 2016

UAIRDATA 3190 2016

PROFBASE 769.2 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 8 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "PRAIRIE SONG PLUME STUDY.AD\01H1GALL.PLT" 31

PLOTFILE 8 ALL 1ST "PRAIRIE SONG PLUME STUDY.AD\08H1GALL.PLT" 32

SUMMFILE "Prairie Song Plume Study.sum"

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

A Total of	0 Fatal Error Message(s)
A Total of	3 Warning Message(s)
A Total of	0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
RE W476 11 BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL)

ME W186	24	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	24	MEOPEN: ADJ U* Option for Stable Low Winds used in AERMET

```
*****
*** SETUP Finishes Successfully ***
*****
```

```

^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Prairie Song Plume
Study                                ***      02/10/26
*** AERMET - VERSION 21112 ***      *** Prairie Song BESS Plume Study
***                                ***      17:54:19

```

PAGE 1

```
*** MODELOPTs:  RegDFAULT  CONC  ELEV  RURAL  ADJ U*  BUOYLINE
```

*** MODEL SETUP OPTIONS SUMMARY

```
** Model Options Selected:
```

- ```

* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses RURAL Dispersion Only.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* CCVR_Sub - Meteorological data includes CCVR substitutions
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Assumes No FLAGPOLE Receptor Heights.
* The User Specified a Pollutant Type of: ALL

```

**\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR**

```

**This Run Includes: 1 Source(s); 1 Source Group(s); and 34698
Receptor(s)

```

```
with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 0 AREA type source(s)
```

and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 1 BUOYANT LINE source(s) with a total of 1 line(s)  
and: 0 SWPOINT source(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 21112

\*\*Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)  
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE  
Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and  
Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 769.20 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 8.1 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Prairie Song Plume Study.err

\*\*File for Summary of Results: Prairie Song Plume Study.sum

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 2

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* BUOYANT LINE SOURCE DATA \*\*\*

| RELEASE<br>SOURCE<br>HEIGHT<br>ID<br>(METERS) | URBAN<br>SOURCE<br>CATS. | NUMBER<br>EMISSION<br>PART.<br>SCALAR<br>VARY<br>BY | EMISSION RATE<br>(GRAMS/SEC) | FIRST COORD<br>X Y<br>(METERS) (METERS) |  | SECOND COORD<br>X Y<br>(METERS) (METERS) |  | BASE<br>ELEV.<br>(METERS) |
|-----------------------------------------------|--------------------------|-----------------------------------------------------|------------------------------|-----------------------------------------|--|------------------------------------------|--|---------------------------|
|-----------------------------------------------|--------------------------|-----------------------------------------------------|------------------------------|-----------------------------------------|--|------------------------------------------|--|---------------------------|

|                |         |             |          |           |          |           |       |
|----------------|---------|-------------|----------|-----------|----------|-----------|-------|
| BLINE1<br>2.90 | 0<br>NO | 0.10000E+01 | 394880.5 | 3816417.7 | 394885.3 | 3816417.7 | 926.3 |
|----------------|---------|-------------|----------|-----------|----------|-----------|-------|

| BL GRP<br>BUOYANCY<br>PARAMETER<br>(METER**4/SEC**3) | AVG BLDG<br>LENGTH<br>(METERS) | AVG BLDG<br>HEIGHT<br>(METERS) | AVG BLDG<br>WIDTH<br>(METERS) | AVG LINE<br>WIDTH<br>(METERS) | AVG SEPARATION<br>BETWEEN LINES<br>(METERS) | AVG |
|------------------------------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------------------|-----|
|------------------------------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------------------|-----|

|              |     |     |     |     |     |  |
|--------------|-----|-----|-----|-----|-----|--|
| ALL<br>111.5 | 6.1 | 2.9 | 2.4 | 2.4 | 3.0 |  |
|--------------|-----|-----|-----|-----|-----|--|

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 17:54:19

PAGE 3

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

| SRCGROUP ID<br>----- | SOURCE IDs<br>----- |
|----------------------|---------------------|
|----------------------|---------------------|

ALL BLINE1 ,  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 17:54:19

PAGE 4

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*



(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 394631.2, 3816480.7, 919.2, 1439.5, 0.0); | ( 394655.1, |
| 3816481.0, 920.1, 1439.5, 0.0);             |             |
| ( 394679.0, 3816481.3, 921.1, 1439.5, 0.0); | ( 394703.0, |
| 3816481.6, 922.0, 1439.5, 0.0);             |             |
| ( 394726.9, 3816482.0, 923.0, 1439.5, 0.0); | ( 394750.8, |
| 3816482.3, 924.2, 1439.5, 0.0);             |             |
| ( 394774.8, 3816482.6, 925.6, 1439.5, 0.0); | ( 394798.7, |
| 3816482.9, 926.4, 1439.5, 0.0);             |             |
| ( 394822.6, 3816483.3, 927.2, 1439.5, 0.0); | ( 394846.6, |
| 3816483.6, 927.9, 1439.5, 0.0);             |             |
| ( 394870.5, 3816483.9, 928.7, 1439.5, 0.0); | ( 394894.4, |
| 3816484.3, 929.6, 1439.5, 0.0);             |             |
| ( 394918.4, 3816484.6, 930.3, 1439.5, 0.0); | ( 394942.3, |
| 3816484.9, 930.5, 1439.5, 0.0);             |             |
| ( 394966.2, 3816485.2, 930.2, 1439.5, 0.0); | ( 394990.1, |
| 3816485.6, 930.0, 1439.5, 0.0);             |             |
| ( 395014.1, 3816485.9, 930.1, 1439.5, 0.0); | ( 395038.0, |
| 3816486.2, 930.2, 1439.5, 0.0);             |             |
| ( 395062.0, 3816486.6, 930.2, 1439.5, 0.0); | ( 394613.6, |
| 3816498.4, 919.4, 1439.5, 0.0);             |             |
| ( 394588.9, 3816473.9, 917.1, 1439.5, 0.0); | ( 394654.8, |
| 3816506.0, 921.3, 1439.5, 0.0);             |             |
| ( 394678.7, 3816506.3, 922.2, 1439.5, 0.0); | ( 394702.6, |
| 3816506.6, 923.1, 1439.5, 0.0);             |             |
| ( 394726.6, 3816507.0, 924.1, 1439.5, 0.0); | ( 394750.5, |
| 3816507.3, 925.2, 1439.5, 0.0);             |             |
| ( 394774.4, 3816507.6, 926.3, 1439.5, 0.0); | ( 394798.4, |
| 3816507.9, 927.3, 1439.5, 0.0);             |             |
| ( 394822.3, 3816508.3, 928.3, 1439.5, 0.0); | ( 394846.2, |
| 3816508.6, 929.2, 1439.5, 0.0);             |             |
| ( 394870.2, 3816508.9, 930.0, 1439.5, 0.0); | ( 394894.1, |
| 3816509.3, 930.7, 1439.5, 0.0);             |             |
| ( 394918.0, 3816509.6, 931.3, 1439.5, 0.0); | ( 394942.0, |
| 3816509.9, 931.6, 1439.5, 0.0);             |             |
| ( 394965.9, 3816510.2, 931.6, 1439.5, 0.0); | ( 394989.8, |
| 3816510.6, 931.5, 1439.5, 0.0);             |             |
| ( 395013.7, 3816510.9, 931.6, 1439.5, 0.0); | ( 395037.7, |
| 3816511.2, 931.6, 1439.5, 0.0);             |             |
| ( 395061.6, 3816511.6, 931.6, 1439.5, 0.0); | ( 394613.2, |
| 3816523.4, 921.7, 1439.5, 0.0);             |             |
| ( 394571.3, 3816491.6, 917.0, 1439.5, 0.0); | ( 394654.4, |
| 3816531.0, 924.3, 1439.5, 0.0);             |             |
| ( 394678.4, 3816531.3, 925.0, 1439.5, 0.0); | ( 394702.3, |
| 3816531.6, 925.7, 1439.5, 0.0);             |             |
| ( 394726.2, 3816532.0, 926.6, 1439.5, 0.0); | ( 394750.2, |
| 3816532.3, 927.5, 1439.5, 0.0);             |             |
| ( 394774.1, 3816532.6, 928.3, 1439.5, 0.0); | ( 394798.0, |

```

3816532.9, 929.2, 1439.5, 0.0);
(394822.0, 3816533.3, 930.2, 1439.5, 0.0); (394845.9,
3816533.6, 931.2, 1439.5, 0.0);
(394869.8, 3816533.9, 931.9, 1439.5, 0.0); (394893.8,
3816534.3, 932.6, 1439.5, 0.0);
(394917.7, 3816534.6, 933.1, 1439.5, 0.0); (394941.6,
3816534.9, 933.4, 1439.5, 0.0);
(394965.5, 3816535.2, 933.2, 1439.5, 0.0); (394989.5,
3816535.6, 933.0, 1439.5, 0.0);
(395013.4, 3816535.9, 933.0, 1439.5, 0.0); (395037.3,
3816536.2, 933.1, 1439.5, 0.0);
(395061.3, 3816536.5, 933.0, 1439.5, 0.0); (394612.9,
3816548.4, 926.3, 1439.5, 0.0);
(394578.3, 3816533.8, 922.6, 1439.5, 0.0); (394553.7,
3816509.3, 917.6, 1439.5, 0.0);
(394538.9, 3816474.9, 915.1, 1439.5, 0.0); (394654.1,
3816556.0, 927.9, 1439.5, 0.0);
(394678.0, 3816556.3, 928.5, 1439.5, 0.0); (394702.0,
3816556.6, 929.0, 1439.5, 0.0);
(394725.9, 3816557.0, 929.8, 1439.5, 0.0); (394749.8,
3816557.3, 930.7, 1439.5, 0.0);
(394773.8, 3816557.6, 931.5, 1439.5, 0.0); (394797.7,
3816557.9, 932.4, 1439.5, 0.0);
(394821.6, 3816558.3, 933.2, 1439.5, 0.0); (394845.5,
3816558.6, 934.0, 1439.5, 0.0);
(394869.5, 3816558.9, 934.8, 1439.5, 0.0); (394893.4,
3816559.3, 935.5, 1439.5, 0.0);
(394917.3, 3816559.6, 936.1, 1439.5, 0.0); (394941.3,
3816559.9, 936.4, 1439.5, 0.0);
(394965.2, 3816560.2, 936.4, 1439.5, 0.0); (394989.1,
3816560.6, 936.2, 1439.5, 0.0);
(395013.1, 3816560.9, 935.9, 1439.5, 0.0); (395037.0,
3816561.2, 935.4, 1439.5, 0.0);
(395060.9, 3816561.5, 934.8, 1439.5, 0.0); (394608.7,
3816596.9, 931.0, 1439.5, 0.0);
(394588.0, 3816588.2, 929.8, 1439.5, 0.0); (394567.3,
3816579.5, 928.4, 1439.5, 0.0);
(394516.9, 3816541.3, 923.1, 1439.5, 0.0); (394499.2,
3816500.0, 915.8, 1439.5, 0.0);
(394490.4, 3816479.3, 914.0, 1439.5, 0.0); (394653.4,
3816606.0, 932.1, 1439.5, 0.0);
(394677.3, 3816606.3, 932.2, 1439.5, 0.0); (394701.3,
3816606.6, 932.3, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 5

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 394725.2, 3816607.0, 932.5, 1439.5, 0.0); | ( 394749.1, |
| 3816607.3, 933.4, 1439.5, 0.0);             |             |
| ( 394773.1, 3816607.6, 934.7, 1439.5, 0.0); | ( 394797.0, |
| 3816607.9, 935.4, 1439.5, 0.0);             |             |
| ( 394820.9, 3816608.3, 935.9, 1439.5, 0.0); | ( 394844.9, |
| 3816608.6, 936.4, 1439.5, 0.0);             |             |
| ( 394868.8, 3816608.9, 936.9, 1439.5, 0.0); | ( 394892.7, |
| 3816609.2, 937.6, 1439.5, 0.0);             |             |
| ( 394916.6, 3816609.6, 938.3, 1439.5, 0.0); | ( 394940.6, |
| 3816609.9, 939.0, 1439.5, 0.0);             |             |
| ( 394964.5, 3816610.2, 939.6, 1439.5, 0.0); | ( 394988.4, |
| 3816610.6, 940.3, 1439.5, 0.0);             |             |
| ( 395012.4, 3816610.9, 940.8, 1439.5, 0.0); | ( 395036.3, |
| 3816611.2, 941.0, 1439.5, 0.0);             |             |
| ( 395060.2, 3816611.5, 940.9, 1439.5, 0.0); | ( 394609.0, |
| 3816647.3, 934.0, 1439.5, 0.0);             |             |
| ( 394569.5, 3816630.7, 933.1, 1439.5, 0.0); | ( 394530.0, |
| 3816614.1, 932.4, 1439.5, 0.0);             |             |
| ( 394482.1, 3816577.8, 926.9, 1439.5, 0.0); | ( 394465.3, |
| 3816538.4, 921.6, 1439.5, 0.0);             |             |
| ( 394448.4, 3816499.0, 915.0, 1439.5, 0.0); | ( 394652.7, |
| 3816656.0, 934.5, 1439.5, 0.0);             |             |
| ( 394676.6, 3816656.3, 935.0, 1439.5, 0.0); | ( 394700.6, |
| 3816656.6, 935.5, 1439.5, 0.0);             |             |
| ( 394724.5, 3816656.9, 935.7, 1439.5, 0.0); | ( 394748.5, |
| 3816657.3, 936.2, 1439.5, 0.0);             |             |
| ( 394772.4, 3816657.6, 936.4, 1439.5, 0.0); | ( 394796.3, |
| 3816657.9, 936.5, 1439.5, 0.0);             |             |
| ( 394820.2, 3816658.3, 936.8, 1439.5, 0.0); | ( 394844.2, |
| 3816658.6, 937.4, 1439.5, 0.0);             |             |
| ( 394868.1, 3816658.9, 938.2, 1439.5, 0.0); | ( 394892.0, |
| 3816659.2, 939.2, 1439.5, 0.0);             |             |
| ( 394916.0, 3816659.6, 940.2, 1439.5, 0.0); | ( 394939.9, |
| 3816659.9, 940.8, 1439.5, 0.0);             |             |
| ( 394963.8, 3816660.2, 941.2, 1439.5, 0.0); | ( 394987.8, |
| 3816660.6, 941.4, 1439.5, 0.0);             |             |
| ( 395011.7, 3816660.9, 941.5, 1439.5, 0.0); | ( 395035.6, |
| 3816661.2, 941.7, 1439.5, 0.0);             |             |
| ( 395059.5, 3816661.5, 941.8, 1439.5, 0.0); | ( 394606.5, |
| 3816696.5, 939.7, 1439.5, 0.0);             |             |
| ( 394584.9, 3816687.5, 939.1, 1439.5, 0.0); | ( 394563.3, |
| 3816678.4, 938.4, 1439.5, 0.0);             |             |
| ( 394541.7, 3816669.3, 937.5, 1439.5, 0.0); | ( 394520.1, |
| 3816660.2, 936.7, 1439.5, 0.0);             |             |
| ( 394498.5, 3816651.1, 936.1, 1439.5, 0.0); | ( 394476.9, |

```

3816642.0, 935.5, 1439.5, 0.0);
 (394446.1, 3816611.4, 932.5, 1439.5, 0.0); (394436.8,
3816589.9, 928.5, 1439.5, 0.0);
 (394427.6, 3816568.3, 925.4, 1439.5, 0.0); (394418.4,
3816546.8, 922.8, 1439.5, 0.0);
 (394409.2, 3816525.2, 918.4, 1439.5, 0.0); (394400.0,
3816503.7, 915.3, 1439.5, 0.0);
 (394390.8, 3816482.1, 912.9, 1439.5, 0.0); (394628.1,
3816705.6, 940.4, 1439.5, 0.0);
 (394652.0, 3816706.0, 939.9, 1439.5, 0.0); (394676.0,
3816706.3, 939.9, 1439.5, 0.0);
 (394699.9, 3816706.6, 940.2, 1439.5, 0.0); (394723.8,
3816706.9, 940.4, 1439.5, 0.0);
 (394747.8, 3816707.3, 940.7, 1439.5, 0.0); (394771.7,
3816707.6, 941.9, 1439.5, 0.0);
 (394795.6, 3816707.9, 942.0, 1439.5, 0.0); (394819.6,
3816708.3, 941.4, 1439.5, 0.0);
 (394843.5, 3816708.6, 941.1, 1439.5, 0.0); (394867.4,
3816708.9, 941.1, 1439.5, 0.0);
 (394891.3, 3816709.2, 941.5, 1439.5, 0.0); (394915.3,
3816709.6, 942.9, 1439.5, 0.0);
 (394939.2, 3816709.9, 944.5, 1439.5, 0.0); (394963.1,
3816710.2, 944.8, 1439.5, 0.0);
 (394987.1, 3816710.5, 944.5, 1439.5, 0.0); (395011.0,
3816710.9, 944.6, 1439.5, 0.0);
 (395034.9, 3816711.2, 945.6, 1439.5, 0.0); (395058.9,
3816711.5, 948.1, 1439.5, 0.0);
 (394606.7, 3816746.9, 947.3, 1439.5, 0.0); (394585.9,
3816738.2, 947.0, 1439.5, 0.0);
 (394544.5, 3816720.8, 946.4, 1439.5, 0.0); (394523.7,
3816712.0, 945.4, 1439.5, 0.0);
 (394482.2, 3816694.6, 944.1, 1439.5, 0.0); (394461.5,
3816685.9, 943.4, 1439.5, 0.0);
 (394411.2, 3816647.7, 936.4, 1439.5, 0.0); (394402.3,
3816627.0, 933.9, 1439.5, 0.0);
 (394393.5, 3816606.4, 931.5, 1439.5, 0.0); (394375.8,
3816565.0, 924.8, 1439.5, 0.0);
 (394367.0, 3816544.3, 921.7, 1439.5, 0.0); (394358.1,
3816523.6, 917.4, 1439.5, 0.0);
 (394340.4, 3816482.2, 911.8, 1439.5, 0.0); (394651.3,
3816756.0, 946.4, 1439.5, 0.0);
 (394675.3, 3816756.3, 945.8, 1439.5, 0.0); (394699.2,
3816756.6, 945.9, 1439.5, 0.0);
 (394723.1, 3816756.9, 946.3, 1439.5, 0.0); (394747.1,
3816757.3, 946.6, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 394771.0, 3816757.6, 946.4, 1439.5, 0.0); | ( 394794.9, |
| 3816757.9, 946.0, 1439.5, 0.0);             |             |
| ( 394818.9, 3816758.2, 945.9, 1439.5, 0.0); | ( 394842.8, |
| 3816758.6, 946.1, 1439.5, 0.0);             |             |
| ( 394866.7, 3816758.9, 946.4, 1439.5, 0.0); | ( 394890.7, |
| 3816759.2, 946.9, 1439.5, 0.0);             |             |
| ( 394914.6, 3816759.6, 947.6, 1439.5, 0.0); | ( 394938.5, |
| 3816759.9, 948.1, 1439.5, 0.0);             |             |
| ( 394962.5, 3816760.2, 948.2, 1439.5, 0.0); | ( 394986.4, |
| 3816760.5, 947.9, 1439.5, 0.0);             |             |
| ( 395010.3, 3816760.9, 948.1, 1439.5, 0.0); | ( 395034.2, |
| 3816761.2, 949.2, 1439.5, 0.0);             |             |
| ( 395058.2, 3816761.5, 951.2, 1439.5, 0.0); | ( 394604.7, |
| 3816796.4, 955.6, 1439.5, 0.0);             |             |
| ( 394582.7, 3816787.1, 955.8, 1439.5, 0.0); | ( 394560.8, |
| 3816777.9, 956.1, 1439.5, 0.0);             |             |
| ( 394538.8, 3816768.6, 956.0, 1439.5, 0.0); | ( 394516.8, |
| 3816759.4, 954.9, 1439.5, 0.0);             |             |
| ( 394494.8, 3816750.1, 954.1, 1439.5, 0.0); | ( 394472.8, |
| 3816740.9, 954.0, 1439.5, 0.0);             |             |
| ( 394450.8, 3816731.6, 952.9, 1439.5, 0.0); | ( 394428.8, |
| 3816722.4, 951.5, 1439.5, 0.0);             |             |
| ( 394406.8, 3816713.1, 950.2, 1439.5, 0.0); | ( 394375.4, |
| 3816681.9, 944.2, 1439.5, 0.0);             |             |
| ( 394366.0, 3816660.0, 939.6, 1439.5, 0.0); | ( 394356.6, |
| 3816638.1, 935.6, 1439.5, 0.0);             |             |
| ( 394347.3, 3816616.1, 933.1, 1439.5, 0.0); | ( 394337.9, |
| 3816594.2, 929.3, 1439.5, 0.0);             |             |
| ( 394328.5, 3816572.2, 925.7, 1439.5, 0.0); | ( 394319.1, |
| 3816550.3, 922.8, 1439.5, 0.0);             |             |
| ( 394309.7, 3816528.4, 918.1, 1439.5, 0.0); | ( 394300.4, |
| 3816506.4, 914.8, 1439.5, 0.0);             |             |
| ( 394291.0, 3816484.5, 912.4, 1439.5, 0.0); | ( 394626.7, |
| 3816805.6, 955.4, 1439.5, 0.0);             |             |
| ( 394650.7, 3816805.9, 953.8, 1439.5, 0.0); | ( 394674.6, |
| 3816806.3, 952.4, 1439.5, 0.0);             |             |
| ( 394698.5, 3816806.6, 952.1, 1439.5, 0.0); | ( 394722.5, |
| 3816806.9, 952.5, 1439.5, 0.0);             |             |
| ( 394746.4, 3816807.3, 952.5, 1439.5, 0.0); | ( 394770.3, |
| 3816807.6, 952.1, 1439.5, 0.0);             |             |
| ( 394794.2, 3816807.9, 951.5, 1439.5, 0.0); | ( 394818.2, |
| 3816808.2, 951.0, 1439.5, 0.0);             |             |
| ( 394842.1, 3816808.6, 950.8, 1439.5, 0.0); | ( 394866.0, |

```

3816808.9, 952.0, 1439.5, 0.0);
 (394890.0, 3816809.2, 954.2, 1439.5, 0.0); (394913.9,
3816809.6, 954.8, 1439.5, 0.0);
 (394937.8, 3816809.9, 952.9, 1439.5, 0.0); (394961.8,
3816810.2, 951.9, 1439.5, 0.0);
 (394985.7, 3816810.5, 951.6, 1439.5, 0.0); (395009.6,
3816810.9, 951.6, 1439.5, 0.0);
 (395033.6, 3816811.2, 952.2, 1439.5, 0.0); (395057.5,
3816811.5, 953.1, 1439.5, 0.0);
 (394604.6, 3816896.9, 979.1, 1439.5, 0.0); (394583.9,
3816888.2, 979.8, 1439.5, 0.0);
 (394542.4, 3816870.7, 979.6, 1439.5, 0.0); (394521.7,
3816862.0, 979.1, 1439.5, 0.0);
 (394480.2, 3816844.6, 978.0, 1439.5, 0.0); (394438.7,
3816827.1, 977.5, 1439.5, 0.0);
 (394418.0, 3816818.4, 977.5, 1439.5, 0.0); (394376.5,
3816801.0, 981.8, 1439.5, 0.0);
 (394355.8, 3816792.2, 983.3, 1439.5, 0.0); (394305.4,
3816754.1, 977.0, 1439.5, 0.0);
 (394287.8, 3816712.7, 960.2, 1439.5, 0.0); (394278.9,
3816692.0, 952.1, 1439.5, 0.0);
 (394270.1, 3816671.4, 944.9, 1439.5, 0.0); (394252.4,
3816630.0, 935.0, 1439.5, 0.0);
 (394243.5, 3816609.3, 931.8, 1439.5, 0.0); (394234.7,
3816588.6, 928.6, 1439.5, 0.0);
 (394217.0, 3816547.2, 922.4, 1439.5, 0.0); (394208.1,
3816526.6, 919.1, 1439.5, 0.0);
 (394199.3, 3816505.9, 916.1, 1439.5, 0.0); (394649.3,
3816905.9, 972.7, 1439.5, 0.0);
 (394673.2, 3816906.3, 968.4, 1439.5, 0.0); (394697.2,
3816906.6, 966.4, 1439.5, 0.0);
 (394721.1, 3816906.9, 964.8, 1439.5, 0.0); (394745.0,
3816907.3, 964.5, 1439.5, 0.0);
 (394769.0, 3816907.6, 965.1, 1439.5, 0.0); (394792.9,
3816907.9, 965.6, 1439.5, 0.0);
 (394816.8, 3816908.2, 965.1, 1439.5, 0.0); (394840.8,
3816908.6, 963.7, 1439.5, 0.0);
 (394864.7, 3816908.9, 962.5, 1439.5, 0.0); (394888.6,
3816909.2, 961.8, 1439.5, 0.0);
 (394912.5, 3816909.5, 960.9, 1439.5, 0.0); (394936.5,
3816909.9, 959.8, 1439.5, 0.0);
 (394960.4, 3816910.2, 958.7, 1439.5, 0.0); (394984.3,
3816910.5, 958.2, 1439.5, 0.0);
 (395008.3, 3816910.9, 958.6, 1439.5, 0.0); (395032.2,
3816911.2, 959.3, 1439.5, 0.0);
 (395056.1, 3816911.5, 960.0, 1439.5, 0.0); (394602.9,
3816996.7, 1002.0, 1439.5, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 7

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 394581.8, 3816987.8, 1009.5, 1186.5, 0.0); | ( 394560.6, |
| 3816979.0, 1017.7, 1186.5, 0.0);             |             |
| ( 394539.5, 3816970.1, 1021.8, 1186.5, 0.0); | ( 394518.4, |
| 3816961.2, 1021.5, 1186.5, 0.0);             |             |
| ( 394497.3, 3816952.3, 1016.5, 1186.5, 0.0); | ( 394476.1, |
| 3816943.4, 1012.8, 1186.5, 0.0);             |             |
| ( 394455.0, 3816934.5, 1015.3, 1186.5, 0.0); | ( 394433.9, |
| 3816925.7, 1017.4, 1186.5, 0.0);             |             |
| ( 394412.8, 3816916.8, 1017.1, 1186.5, 0.0); | ( 394391.6, |
| 3816907.9, 1015.5, 1186.5, 0.0);             |             |
| ( 394370.5, 3816899.0, 1017.2, 1186.5, 0.0); | ( 394349.4, |
| 3816890.1, 1023.4, 1186.5, 0.0);             |             |
| ( 394328.3, 3816881.2, 1027.6, 1186.5, 0.0); | ( 394307.1, |
| 3816872.4, 1026.8, 1186.5, 0.0);             |             |
| ( 394286.0, 3816863.5, 1020.4, 1186.5, 0.0); | ( 394264.9, |
| 3816854.6, 1010.6, 1186.5, 0.0);             |             |
| ( 394234.8, 3816824.6, 987.9, 1439.5, 0.0);  | ( 394225.8, |
| 3816803.6, 977.7, 1439.5, 0.0);              |             |
| ( 394216.8, 3816782.5, 970.2, 1439.5, 0.0);  | ( 394207.8, |
| 3816761.4, 963.9, 1439.5, 0.0);              |             |
| ( 394198.7, 3816740.4, 958.8, 1439.5, 0.0);  | ( 394189.7, |
| 3816719.3, 952.9, 1439.5, 0.0);              |             |
| ( 394180.7, 3816698.2, 947.8, 1439.5, 0.0);  | ( 394171.7, |
| 3816677.2, 943.0, 1439.5, 0.0);              |             |
| ( 394162.7, 3816656.1, 939.1, 1439.5, 0.0);  | ( 394153.7, |
| 3816635.0, 935.7, 1439.5, 0.0);              |             |
| ( 394144.7, 3816613.9, 932.6, 1439.5, 0.0);  | ( 394135.7, |
| 3816592.9, 929.6, 1439.5, 0.0);              |             |
| ( 394126.7, 3816571.8, 926.3, 1439.5, 0.0);  | ( 394117.7, |
| 3816550.7, 922.9, 1439.5, 0.0);              |             |
| ( 394108.7, 3816529.7, 919.6, 1439.5, 0.0);  | ( 394099.6, |
| 3816508.6, 916.5, 1439.5, 0.0);              |             |
| ( 394090.6, 3816487.5, 913.6, 1439.5, 0.0);  | ( 394624.0, |
| 3817005.6, 996.7, 1439.5, 0.0);              |             |
| ( 394647.9, 3817005.9, 990.7, 1439.5, 0.0);  | ( 394671.9, |
| 3817006.3, 984.9, 1439.5, 0.0);              |             |
| ( 394695.8, 3817006.6, 980.0, 1439.5, 0.0);  | ( 394719.7, |
| 3817006.9, 977.2, 1439.5, 0.0);              |             |
| ( 394743.6, 3817007.2, 975.8, 1439.5, 0.0);  | ( 394767.6, |
| 3817007.6, 974.5, 1439.5, 0.0);              |             |
| ( 394791.5, 3817007.9, 973.4, 1439.5, 0.0);  | ( 394815.5, |

3817008.2, 972.5, 1439.5, 0.0);  
 ( 394839.4, 3817008.6, 971.1, 1439.5, 0.0); ( 394863.3,  
 3817008.9, 969.7, 1439.5, 0.0);  
 ( 394887.2, 3817009.2, 968.4, 1439.5, 0.0); ( 394911.2,  
 3817009.5, 967.0, 1439.5, 0.0);  
 ( 394935.1, 3817009.9, 965.7, 1439.5, 0.0); ( 394959.0,  
 3817010.2, 965.6, 1439.5, 0.0);  
 ( 394983.0, 3817010.5, 966.0, 1439.5, 0.0); ( 395006.9,  
 3817010.8, 966.2, 1439.5, 0.0);  
 ( 395030.8, 3817011.2, 966.6, 1439.5, 0.0); ( 395054.8,  
 3817011.5, 967.3, 1439.5, 0.0);  
 ( 394601.2, 3817096.6, 1001.7, 1439.5, 0.0); ( 394579.8,  
 3817087.6, 1005.5, 1439.5, 0.0);  
 ( 394558.4, 3817078.6, 1010.2, 1439.5, 0.0); ( 394537.0,  
 3817069.6, 1017.0, 1426.7, 0.0);  
 ( 394515.6, 3817060.6, 1026.5, 1186.5, 0.0); ( 394494.2,  
 3817051.6, 1035.1, 1186.5, 0.0);  
 ( 394472.8, 3817042.6, 1043.3, 1186.5, 0.0); ( 394451.5,  
 3817033.6, 1050.2, 1186.5, 0.0);  
 ( 394430.0, 3817024.6, 1054.5, 1186.5, 0.0); ( 394408.6,  
 3817015.6, 1057.1, 1186.5, 0.0);  
 ( 394387.2, 3817006.6, 1056.2, 1186.5, 0.0); ( 394365.9,  
 3816997.6, 1052.8, 1186.5, 0.0);  
 ( 394344.5, 3816988.6, 1052.1, 1186.5, 0.0); ( 394323.1,  
 3816979.6, 1052.2, 1186.5, 0.0);  
 ( 394301.7, 3816970.6, 1046.2, 1186.5, 0.0); ( 394280.3,  
 3816961.6, 1038.3, 1186.5, 0.0);  
 ( 394258.9, 3816952.6, 1029.4, 1186.5, 0.0); ( 394237.5,  
 3816943.6, 1019.6, 1186.5, 0.0);  
 ( 394216.1, 3816934.6, 1009.3, 1439.5, 0.0); ( 394194.7,  
 3816925.6, 999.1, 1439.5, 0.0);  
 ( 394164.1, 3816895.3, 982.2, 1439.5, 0.0); ( 394155.0,  
 3816874.0, 975.9, 1439.5, 0.0);  
 ( 394145.9, 3816852.6, 969.7, 1439.5, 0.0); ( 394136.8,  
 3816831.3, 963.9, 1439.5, 0.0);  
 ( 394127.6, 3816809.9, 958.9, 1439.5, 0.0); ( 394118.5,  
 3816788.6, 954.2, 1439.5, 0.0);  
 ( 394109.4, 3816767.2, 950.1, 1439.5, 0.0); ( 394100.3,  
 3816745.9, 947.6, 1439.5, 0.0);  
 ( 394091.1, 3816724.5, 944.4, 1439.5, 0.0); ( 394082.0,  
 3816703.2, 940.4, 1439.5, 0.0);  
 ( 394072.9, 3816681.9, 937.4, 1439.5, 0.0); ( 394063.8,  
 3816660.5, 934.2, 1439.5, 0.0);  
 ( 394054.6, 3816639.2, 931.6, 1439.5, 0.0); ( 394045.5,  
 3816617.8, 930.4, 1439.5, 0.0);  
 ( 394036.4, 3816596.5, 928.4, 1439.5, 0.0); ( 394027.3,  
 3816575.1, 925.7, 1439.5, 0.0);  
 ( 394018.2, 3816553.8, 922.5, 1439.5, 0.0); ( 394009.0,  
 3816532.5, 919.4, 1439.5, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume



Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 8

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 393999.9, 3816511.1, 916.6, 1439.5, 0.0);  | ( 393990.8, |
| 3816489.8, 914.3, 1439.5, 0.0);              |             |
| ( 394622.6, 3817105.6, 997.8, 1439.5, 0.0);  | ( 394646.6, |
| 3817105.9, 994.1, 1439.5, 0.0);              |             |
| ( 394670.5, 3817106.2, 990.7, 1439.5, 0.0);  | ( 394694.4, |
| 3817106.6, 987.8, 1439.5, 0.0);              |             |
| ( 394718.3, 3817106.9, 985.5, 1439.5, 0.0);  | ( 394742.3, |
| 3817107.2, 983.8, 1439.5, 0.0);              |             |
| ( 394766.2, 3817107.6, 982.2, 1439.5, 0.0);  | ( 394790.1, |
| 3817107.9, 980.7, 1439.5, 0.0);              |             |
| ( 394814.1, 3817108.2, 979.1, 1439.5, 0.0);  | ( 394838.0, |
| 3817108.5, 977.5, 1439.5, 0.0);              |             |
| ( 394861.9, 3817108.9, 975.8, 1439.5, 0.0);  | ( 394885.9, |
| 3817109.2, 974.5, 1439.5, 0.0);              |             |
| ( 394909.8, 3817109.5, 973.6, 1439.5, 0.0);  | ( 394933.7, |
| 3817109.9, 974.0, 1439.5, 0.0);              |             |
| ( 394957.7, 3817110.2, 974.5, 1439.5, 0.0);  | ( 394981.6, |
| 3817110.5, 975.0, 1439.5, 0.0);              |             |
| ( 395005.5, 3817110.8, 975.2, 1439.5, 0.0);  | ( 395029.5, |
| 3817111.2, 975.4, 1439.5, 0.0);              |             |
| ( 395053.4, 3817111.5, 975.6, 1439.5, 0.0);  | ( 394599.7, |
| 3817196.5, 1003.9, 1439.5, 0.0);             |             |
| ( 394578.0, 3817187.4, 1007.5, 1439.5, 0.0); | ( 394556.5, |
| 3817178.3, 1011.7, 1439.5, 0.0);             |             |
| ( 394534.8, 3817169.2, 1017.3, 1439.5, 0.0); | ( 394513.2, |
| 3817160.2, 1024.5, 1439.5, 0.0);             |             |
| ( 394491.6, 3817151.1, 1033.3, 1186.5, 0.0); | ( 394470.0, |
| 3817142.0, 1042.5, 1186.5, 0.0);             |             |
| ( 394448.4, 3817132.9, 1049.9, 1186.5, 0.0); | ( 394426.8, |
| 3817123.8, 1051.4, 1186.5, 0.0);             |             |
| ( 394405.2, 3817114.8, 1047.1, 1186.5, 0.0); | ( 394383.6, |
| 3817105.7, 1040.2, 1186.5, 0.0);             |             |
| ( 394362.0, 3817096.6, 1034.8, 1186.5, 0.0); | ( 394340.4, |
| 3817087.5, 1031.6, 1186.5, 0.0);             |             |
| ( 394318.8, 3817078.4, 1029.6, 1186.5, 0.0); | ( 394297.2, |
| 3817069.3, 1026.5, 1186.5, 0.0);             |             |
| ( 394275.6, 3817060.2, 1022.2, 1439.5, 0.0); | ( 394254.0, |
| 3817051.1, 1016.4, 1439.5, 0.0);             |             |
| ( 394232.4, 3817042.1, 1009.4, 1439.5, 0.0); | ( 394210.8, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817033.0,  | 1002.0,    | 1439.5, | 0.0);   |       |             |
| ( 394189.2, | 3817023.9, | 995.0,  | 1439.5, | 0.0); | ( 394167.6, |
| 3817014.8,  | 988.1,     | 1439.5, | 0.0);   |       |             |
| ( 394146.0, | 3817005.7, | 982.2,  | 1439.5, | 0.0); | ( 394124.4, |
| 3816996.6,  | 977.1,     | 1439.5, | 0.0);   |       |             |
| ( 394093.6, | 3816966.0, | 970.5,  | 1439.5, | 0.0); | ( 394084.3, |
| 3816944.5,  | 968.4,     | 1439.5, | 0.0);   |       |             |
| ( 394075.1, | 3816922.9, | 965.9,  | 1439.5, | 0.0); | ( 394065.9, |
| 3816901.4,  | 962.4,     | 1439.5, | 0.0);   |       |             |
| ( 394056.7, | 3816879.8, | 959.3,  | 1439.5, | 0.0); | ( 394047.5, |
| 3816858.3,  | 956.2,     | 1439.5, | 0.0);   |       |             |
| ( 394038.3, | 3816836.7, | 953.1,  | 1439.5, | 0.0); | ( 394029.1, |
| 3816815.2,  | 950.0,     | 1439.5, | 0.0);   |       |             |
| ( 394019.9, | 3816793.6, | 947.0,  | 1439.5, | 0.0); | ( 394010.6, |
| 3816772.1,  | 944.1,     | 1439.5, | 0.0);   |       |             |
| ( 394001.4, | 3816750.5, | 941.4,  | 1439.5, | 0.0); | ( 393992.2, |
| 3816729.0,  | 938.9,     | 1439.5, | 0.0);   |       |             |
| ( 393983.0, | 3816707.4, | 936.4,  | 1439.5, | 0.0); | ( 393973.8, |
| 3816685.9,  | 933.6,     | 1439.5, | 0.0);   |       |             |
| ( 393964.6, | 3816664.3, | 931.1,  | 1439.5, | 0.0); | ( 393955.4, |
| 3816642.8,  | 929.1,     | 1439.5, | 0.0);   |       |             |
| ( 393946.2, | 3816621.2, | 928.6,  | 1439.5, | 0.0); | ( 393937.0, |
| 3816599.7,  | 925.6,     | 1439.5, | 0.0);   |       |             |
| ( 393927.7, | 3816578.1, | 922.3,  | 1439.5, | 0.0); | ( 393918.5, |
| 3816556.6,  | 920.3,     | 1439.5, | 0.0);   |       |             |
| ( 393909.3, | 3816535.0, | 916.4,  | 1439.5, | 0.0); | ( 393900.1, |
| 3816513.5,  | 913.3,     | 1439.5, | 0.0);   |       |             |
| ( 393890.9, | 3816491.9, | 911.0,  | 1439.5, | 0.0); | ( 394621.3, |
| 3817205.6,  | 1001.1,    | 1439.5, | 0.0);   |       |             |
| ( 394645.2, | 3817205.9, | 998.3,  | 1439.5, | 0.0); | ( 394669.1, |
| 3817206.2,  | 995.8,     | 1439.5, | 0.0);   |       |             |
| ( 394693.0, | 3817206.6, | 993.6,  | 1439.5, | 0.0); | ( 394717.0, |
| 3817206.9,  | 992.0,     | 1439.5, | 0.0);   |       |             |
| ( 394740.9, | 3817207.2, | 990.6,  | 1439.5, | 0.0); | ( 394764.8, |
| 3817207.6,  | 989.0,     | 1439.5, | 0.0);   |       |             |
| ( 394788.8, | 3817207.9, | 987.4,  | 1439.5, | 0.0); | ( 394812.7, |
| 3817208.2,  | 986.1,     | 1439.5, | 0.0);   |       |             |
| ( 394836.6, | 3817208.5, | 984.9,  | 1439.5, | 0.0); | ( 394860.6, |
| 3817208.9,  | 983.8,     | 1439.5, | 0.0);   |       |             |
| ( 394884.5, | 3817209.2, | 982.9,  | 1439.5, | 0.0); | ( 394908.4, |
| 3817209.5,  | 982.6,     | 1439.5, | 0.0);   |       |             |
| ( 394932.4, | 3817209.8, | 982.4,  | 1439.5, | 0.0); | ( 394956.3, |
| 3817210.2,  | 983.0,     | 1439.5, | 0.0);   |       |             |
| ( 394980.2, | 3817210.5, | 983.7,  | 1439.5, | 0.0); | ( 395004.2, |
| 3817210.8,  | 984.1,     | 1439.5, | 0.0);   |       |             |
| ( 395028.1, | 3817211.2, | 984.3,  | 1439.5, | 0.0); | ( 395052.0, |
| 3817211.5,  | 984.5,     | 1439.5, | 0.0);   |       |             |
| ( 394598.1, | 3817296.4, | 1006.2, | 1439.5, | 0.0); | ( 394576.4, |
| 3817287.3,  | 1007.5,    | 1439.5, | 0.0);   |       |             |
| ( 394554.6, | 3817278.1, | 1009.8, | 1439.5, | 0.0); | ( 394532.8, |

3817269.0, 1012.7, 1439.5, 0.0);  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 9

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 394511.1, 3817259.8, 1016.2, 1439.5, 0.0); | ( 394489.3, |
| 3817250.7, 1020.5, 1439.5, 0.0);             |             |
| ( 394467.5, 3817241.5, 1025.4, 1439.5, 0.0); | ( 394445.8, |
| 3817232.4, 1030.5, 1439.5, 0.0);             |             |
| ( 394424.0, 3817223.2, 1035.8, 1186.5, 0.0); | ( 394402.3, |
| 3817214.1, 1041.9, 1186.5, 0.0);             |             |
| ( 394380.5, 3817204.9, 1044.6, 1186.5, 0.0); | ( 394358.7, |
| 3817195.8, 1042.1, 1186.5, 0.0);             |             |
| ( 394337.0, 3817186.6, 1034.8, 1186.5, 0.0); | ( 394315.2, |
| 3817177.5, 1026.7, 1439.5, 0.0);             |             |
| ( 394293.4, 3817168.3, 1019.4, 1439.5, 0.0); | ( 394271.7, |
| 3817159.1, 1011.6, 1439.5, 0.0);             |             |
| ( 394249.9, 3817150.0, 1004.9, 1439.5, 0.0); | ( 394228.1, |
| 3817140.8, 999.9, 1439.5, 0.0);              |             |
| ( 394206.4, 3817131.7, 996.7, 1439.5, 0.0);  | ( 394184.6, |
| 3817122.5, 994.1, 1439.5, 0.0);              |             |
| ( 394162.9, 3817113.4, 991.9, 1439.5, 0.0);  | ( 394141.1, |
| 3817104.2, 991.4, 1439.5, 0.0);              |             |
| ( 394119.3, 3817095.1, 989.4, 1439.5, 0.0);  | ( 394097.6, |
| 3817085.9, 985.3, 1439.5, 0.0);              |             |
| ( 394075.8, 3817076.8, 980.9, 1439.5, 0.0);  | ( 394054.0, |
| 3817067.6, 977.8, 1439.5, 0.0);              |             |
| ( 394023.0, 3817036.8, 970.1, 1439.5, 0.0);  | ( 394013.7, |
| 3817015.1, 966.8, 1439.5, 0.0);              |             |
| ( 394004.4, 3816993.4, 965.3, 1439.5, 0.0);  | ( 393995.1, |
| 3816971.6, 963.5, 1439.5, 0.0);              |             |
| ( 393985.9, 3816949.9, 961.6, 1439.5, 0.0);  | ( 393976.6, |
| 3816928.2, 959.2, 1439.5, 0.0);              |             |
| ( 393967.3, 3816906.5, 955.3, 1439.5, 0.0);  | ( 393958.0, |
| 3816884.8, 951.5, 1439.5, 0.0);              |             |
| ( 393948.8, 3816863.1, 948.3, 1439.5, 0.0);  | ( 393939.5, |
| 3816841.4, 945.7, 1439.5, 0.0);              |             |
| ( 393930.2, 3816819.7, 943.6, 1439.5, 0.0);  | ( 393920.9, |
| 3816798.0, 941.5, 1439.5, 0.0);              |             |
| ( 393911.6, 3816776.3, 939.2, 1439.5, 0.0);  | ( 393902.3, |
| 3816754.6, 936.8, 1439.5, 0.0);              |             |
| ( 393893.1, 3816732.9, 934.7, 1439.5, 0.0);  | ( 393883.8, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816711.1,  | 932.4,     | 1439.5, | 0.0);   |       |             |
| ( 393874.5, | 3816689.4, | 929.7,  | 1439.5, | 0.0); | ( 393865.2, |
| 3816667.7,  | 927.6,     | 1439.5, | 0.0);   |       |             |
| ( 393855.9, | 3816646.0, | 926.1,  | 1439.5, | 0.0); | ( 393846.7, |
| 3816624.3,  | 923.8,     | 1439.5, | 0.0);   |       |             |
| ( 393837.4, | 3816602.6, | 921.3,  | 1439.5, | 0.0); | ( 393828.1, |
| 3816580.9,  | 918.9,     | 1439.5, | 0.0);   |       |             |
| ( 393818.8, | 3816559.2, | 915.4,  | 1439.5, | 0.0); | ( 393809.5, |
| 3816537.5,  | 912.6,     | 1439.5, | 0.0);   |       |             |
| ( 393800.3, | 3816515.8, | 910.2,  | 1439.5, | 0.0); | ( 393791.0, |
| 3816494.1,  | 908.0,     | 1439.5, | 0.0);   |       |             |
| ( 394619.9, | 3817305.6, | 1005.5, | 1439.5, | 0.0); | ( 394643.8, |
| 3817305.9,  | 1004.2,    | 1439.5, | 0.0);   |       |             |
| ( 394667.8, | 3817306.2, | 1002.7, | 1439.5, | 0.0); | ( 394691.7, |
| 3817306.6,  | 1001.3,    | 1439.5, | 0.0);   |       |             |
| ( 394715.6, | 3817306.9, | 1000.0, | 1439.5, | 0.0); | ( 394739.5, |
| 3817307.2,  | 998.9,     | 1439.5, | 0.0);   |       |             |
| ( 394763.5, | 3817307.5, | 997.9,  | 1439.5, | 0.0); | ( 394787.4, |
| 3817307.9,  | 997.2,     | 1439.5, | 0.0);   |       |             |
| ( 394811.3, | 3817308.2, | 996.6,  | 1439.5, | 0.0); | ( 394835.3, |
| 3817308.5,  | 996.2,     | 1439.5, | 0.0);   |       |             |
| ( 394859.2, | 3817308.9, | 995.4,  | 1439.5, | 0.0); | ( 394883.1, |
| 3817309.2,  | 994.3,     | 1439.5, | 0.0);   |       |             |
| ( 394907.1, | 3817309.5, | 993.3,  | 1439.5, | 0.0); | ( 394931.0, |
| 3817309.8,  | 992.3,     | 1439.5, | 0.0);   |       |             |
| ( 394954.9, | 3817310.2, | 991.6,  | 1439.5, | 0.0); | ( 394978.9, |
| 3817310.5,  | 991.9,     | 1439.5, | 0.0);   |       |             |
| ( 395002.8, | 3817310.8, | 992.7,  | 1439.5, | 0.0); | ( 395026.7, |
| 3817311.1,  | 993.3,     | 1439.5, | 0.0);   |       |             |
| ( 395050.6, | 3817311.5, | 993.7,  | 1439.5, | 0.0); | ( 394594.7, |
| 3817546.4,  | 1035.8,    | 1439.5, | 0.0);   |       |             |
| ( 394573.0, | 3817537.3, | 1034.6, | 1439.5, | 0.0); | ( 394551.3, |
| 3817528.1,  | 1034.1,    | 1439.5, | 0.0);   |       |             |
| ( 394529.6, | 3817519.0, | 1033.7, | 1439.5, | 0.0); | ( 394507.8, |
| 3817509.9,  | 1033.2,    | 1439.5, | 0.0);   |       |             |
| ( 394486.1, | 3817500.7, | 1031.6, | 1439.5, | 0.0); | ( 394464.4, |
| 3817491.6,  | 1031.3,    | 1439.5, | 0.0);   |       |             |
| ( 394442.6, | 3817482.5, | 1033.1, | 1439.5, | 0.0); | ( 394420.9, |
| 3817473.3,  | 1036.1,    | 1439.5, | 0.0);   |       |             |
| ( 394399.2, | 3817464.2, | 1039.7, | 1439.5, | 0.0); | ( 394377.5, |
| 3817455.1,  | 1044.0,    | 1439.5, | 0.0);   |       |             |
| ( 394355.7, | 3817445.9, | 1048.6, | 1439.5, | 0.0); | ( 394334.0, |
| 3817436.8,  | 1053.4,    | 1439.5, | 0.0);   |       |             |
| ( 394312.3, | 3817427.6, | 1059.8, | 1186.5, | 0.0); | ( 394290.6, |
| 3817418.5,  | 1067.2,    | 1186.5, | 0.0);   |       |             |
| ( 394268.8, | 3817409.4, | 1072.6, | 1186.5, | 0.0); | ( 394247.1, |
| 3817400.2,  | 1073.4,    | 1186.5, | 0.0);   |       |             |
| ( 394225.4, | 3817391.1, | 1072.0, | 1186.5, | 0.0); | ( 394203.7, |
| 3817382.0,  | 1066.5,    | 1186.5, | 0.0);   |       |             |
| ( 394181.9, | 3817372.8, | 1063.2, | 1186.5, | 0.0); | ( 394160.2, |

3817363.7, 1064.1, 1186.5, 0.0);  
( 394138.5, 3817354.6, 1067.4, 1186.5, 0.0); ( 394116.8,  
3817345.4, 1068.8, 1186.5, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 10

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 394095.0, 3817336.3, 1070.0, 1186.5, 0.0); ( 394073.3,  
3817327.1, 1071.6, 1186.5, 0.0);  
( 394051.6, 3817318.0, 1067.5, 1186.5, 0.0); ( 394029.8,  
3817308.9, 1057.7, 1186.5, 0.0);  
( 394008.1, 3817299.7, 1045.0, 1439.5, 0.0); ( 393986.4,  
3817290.6, 1031.4, 1439.5, 0.0);  
( 393964.7, 3817281.5, 1018.1, 1439.5, 0.0); ( 393942.9,  
3817272.3, 1006.5, 1439.5, 0.0);  
( 393921.2, 3817263.2, 997.1, 1439.5, 0.0); ( 393899.5,  
3817254.1, 989.0, 1439.5, 0.0);  
( 393877.8, 3817244.9, 981.7, 1439.5, 0.0); ( 393846.8,  
3817214.1, 972.5, 1439.5, 0.0);  
( 393837.5, 3817192.4, 969.6, 1439.5, 0.0); ( 393828.2,  
3817170.8, 966.6, 1439.5, 0.0);  
( 393819.0, 3817149.1, 963.9, 1439.5, 0.0); ( 393809.7,  
3817127.4, 960.8, 1439.5, 0.0);  
( 393800.4, 3817105.8, 957.3, 1439.5, 0.0); ( 393791.2,  
3817084.1, 954.1, 1439.5, 0.0);  
( 393781.9, 3817062.4, 950.7, 1439.5, 0.0); ( 393772.6,  
3817040.7, 947.1, 1439.5, 0.0);  
( 393763.4, 3817019.1, 943.3, 1439.5, 0.0); ( 393754.1,  
3816997.4, 940.0, 1439.5, 0.0);  
( 393744.8, 3816975.7, 937.7, 1439.5, 0.0); ( 393735.6,  
3816954.0, 935.4, 1439.5, 0.0);  
( 393726.3, 3816932.4, 932.7, 1439.5, 0.0); ( 393717.0,  
3816910.7, 930.6, 1439.5, 0.0);  
( 393707.8, 3816889.0, 928.3, 1439.5, 0.0); ( 393698.5,  
3816867.4, 926.0, 1439.5, 0.0);  
( 393689.2, 3816845.7, 923.4, 1439.5, 0.0); ( 393680.0,  
3816824.0, 921.2, 1439.5, 0.0);  
( 393670.7, 3816802.3, 919.3, 1439.5, 0.0); ( 393661.5,  
3816780.7, 917.7, 1439.5, 0.0);  
( 393652.2, 3816759.0, 916.6, 1439.5, 0.0); ( 393642.9,  
3816737.3, 916.1, 1439.5, 0.0);  
( 393633.7, 3816715.7, 914.5, 1439.5, 0.0); ( 393624.4,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816694.0,  | 913.4,     | 1439.5, | 0.0);   |       |             |
| ( 393615.1, | 3816672.3, | 911.9,  | 1439.5, | 0.0); | ( 393605.9, |
| 3816650.6,  | 909.0,     | 1439.5, | 0.0);   |       |             |
| ( 393596.6, | 3816629.0, | 907.3,  | 1439.5, | 0.0); | ( 393587.3, |
| 3816607.3,  | 905.8,     | 1439.5, | 0.0);   |       |             |
| ( 393578.1, | 3816585.6, | 904.2,  | 1439.5, | 0.0); | ( 393568.8, |
| 3816563.9,  | 902.7,     | 1439.5, | 0.0);   |       |             |
| ( 393559.5, | 3816542.3, | 901.2,  | 1439.5, | 0.0); | ( 393550.3, |
| 3816520.6,  | 899.8,     | 1439.5, | 0.0);   |       |             |
| ( 393541.0, | 3816498.9, | 898.3,  | 1439.5, | 0.0); | ( 394616.5, |
| 3817555.6,  | 1037.6,    | 1439.5, | 0.0);   |       |             |
| ( 394640.4, | 3817555.9, | 1037.4, | 1439.5, | 0.0); | ( 394664.3, |
| 3817556.2,  | 1036.7,    | 1439.5, | 0.0);   |       |             |
| ( 394688.3, | 3817556.5, | 1035.6, | 1439.5, | 0.0); | ( 394712.2, |
| 3817556.9,  | 1034.9,    | 1439.5, | 0.0);   |       |             |
| ( 394736.1, | 3817557.2, | 1035.2, | 1439.5, | 0.0); | ( 394760.0, |
| 3817557.5,  | 1036.1,    | 1439.5, | 0.0);   |       |             |
| ( 394784.0, | 3817557.8, | 1034.5, | 1439.5, | 0.0); | ( 394807.9, |
| 3817558.2,  | 1033.6,    | 1439.5, | 0.0);   |       |             |
| ( 394831.8, | 3817558.5, | 1033.2, | 1439.5, | 0.0); | ( 394855.8, |
| 3817558.8,  | 1033.0,    | 1439.5, | 0.0);   |       |             |
| ( 394879.7, | 3817559.2, | 1033.1, | 1439.5, | 0.0); | ( 394903.6, |
| 3817559.5,  | 1034.2,    | 1439.5, | 0.0);   |       |             |
| ( 394927.6, | 3817559.8, | 1033.9, | 1439.5, | 0.0); | ( 394951.5, |
| 3817560.1,  | 1030.2,    | 1439.5, | 0.0);   |       |             |
| ( 394975.4, | 3817560.5, | 1024.8, | 1439.5, | 0.0); | ( 394999.4, |
| 3817560.8,  | 1020.6,    | 1439.5, | 0.0);   |       |             |
| ( 395023.3, | 3817561.1, | 1018.1, | 1439.5, | 0.0); | ( 395047.2, |
| 3817561.5,  | 1016.4,    | 1439.5, | 0.0);   |       |             |
| ( 394591.3, | 3817796.4, | 1089.3, | 1186.5, | 0.0); | ( 394569.6, |
| 3817787.3,  | 1082.7,    | 1426.7, | 0.0);   |       |             |
| ( 394547.9, | 3817778.1, | 1075.9, | 1439.5, | 0.0); | ( 394526.2, |
| 3817769.0,  | 1070.4,    | 1439.5, | 0.0);   |       |             |
| ( 394504.5, | 3817759.9, | 1067.5, | 1439.5, | 0.0); | ( 394482.8, |
| 3817750.8,  | 1066.2,    | 1439.5, | 0.0);   |       |             |
| ( 394461.1, | 3817741.6, | 1065.8, | 1439.5, | 0.0); | ( 394439.4, |
| 3817732.5,  | 1063.7,    | 1439.5, | 0.0);   |       |             |
| ( 394417.7, | 3817723.4, | 1061.8, | 1439.5, | 0.0); | ( 394396.0, |
| 3817714.3,  | 1060.0,    | 1439.5, | 0.0);   |       |             |
| ( 394374.3, | 3817705.1, | 1058.2, | 1439.5, | 0.0); | ( 394352.6, |
| 3817696.0,  | 1056.1,    | 1439.5, | 0.0);   |       |             |
| ( 394330.9, | 3817686.9, | 1053.0, | 1439.5, | 0.0); | ( 394309.2, |
| 3817677.8,  | 1049.9,    | 1439.5, | 0.0);   |       |             |
| ( 394287.5, | 3817668.6, | 1044.0, | 1439.5, | 0.0); | ( 394265.8, |
| 3817659.5,  | 1037.2,    | 1439.5, | 0.0);   |       |             |
| ( 394244.1, | 3817650.4, | 1033.5, | 1439.5, | 0.0); | ( 394222.4, |
| 3817641.2,  | 1030.0,    | 1439.5, | 0.0);   |       |             |
| ( 394200.7, | 3817632.1, | 1026.7, | 1439.5, | 0.0); | ( 394179.0, |
| 3817623.0,  | 1025.2,    | 1439.5, | 0.0);   |       |             |
| ( 394157.3, | 3817613.9, | 1023.8, | 1439.5, | 0.0); | ( 394135.6, |

```

3817604.8, 1021.4, 1439.5, 0.0);
(394113.8, 3817595.6, 1018.5, 1439.5, 0.0); (394092.1,
3817586.5, 1015.4, 1439.5, 0.0);
(394070.5, 3817577.4, 1011.3, 1439.5, 0.0); (394048.7,
3817568.2, 1006.8, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 11

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394027.0, 3817559.1, 1003.2, 1439.5, 0.0); (394005.3,
3817550.0, 1000.5, 1439.5, 0.0);
(393983.6, 3817540.9, 997.4, 1439.5, 0.0); (393961.9,
3817531.7, 994.7, 1439.5, 0.0);
(393940.2, 3817522.6, 991.4, 1439.5, 0.0); (393918.5,
3817513.5, 987.7, 1439.5, 0.0);
(393896.8, 3817504.3, 984.4, 1439.5, 0.0); (393875.1,
3817495.2, 981.0, 1439.5, 0.0);
(393853.4, 3817486.1, 977.5, 1439.5, 0.0); (393831.7,
3817477.0, 974.2, 1439.5, 0.0);
(393810.0, 3817467.8, 970.9, 1439.5, 0.0); (393788.3,
3817458.7, 968.0, 1439.5, 0.0);
(393766.6, 3817449.6, 964.2, 1439.5, 0.0); (393744.9,
3817440.5, 961.8, 1439.5, 0.0);
(393723.2, 3817431.3, 958.9, 1439.5, 0.0); (393701.5,
3817422.2, 956.2, 1439.5, 0.0);
(393670.5, 3817391.4, 951.2, 1439.5, 0.0); (393661.3,
3817369.8, 949.3, 1439.5, 0.0);
(393652.0, 3817348.1, 947.1, 1439.5, 0.0); (393642.8,
3817326.5, 945.2, 1439.5, 0.0);
(393633.5, 3817304.8, 943.7, 1439.5, 0.0); (393624.2,
3817283.2, 942.1, 1439.5, 0.0);
(393615.0, 3817261.5, 940.0, 1439.5, 0.0); (393605.7,
3817239.9, 937.2, 1439.5, 0.0);
(393596.5, 3817218.2, 935.3, 1439.5, 0.0); (393587.2,
3817196.6, 933.5, 1439.5, 0.0);
(393578.0, 3817174.9, 932.2, 1439.5, 0.0); (393568.7,
3817153.3, 931.2, 1439.5, 0.0);
(393559.5, 3817131.6, 930.2, 1439.5, 0.0); (393550.2,
3817110.0, 928.9, 1439.5, 0.0);
(393540.9, 3817088.3, 927.6, 1439.5, 0.0); (393531.7,
3817066.7, 925.9, 1439.5, 0.0);
(393522.4, 3817045.0, 924.3, 1439.5, 0.0); (393513.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817023.4,  | 922.7,     | 1439.5, | 0.0);   |       |             |
| ( 393503.9, | 3817001.8, | 921.0,  | 1439.5, | 0.0); | ( 393494.7, |
| 3816980.1,  | 919.7,     | 1439.5, | 0.0);   |       |             |
| ( 393485.4, | 3816958.4, | 918.5,  | 1439.5, | 0.0); | ( 393476.2, |
| 3816936.8,  | 917.0,     | 1439.5, | 0.0);   |       |             |
| ( 393466.9, | 3816915.2, | 915.7,  | 1439.5, | 0.0); | ( 393457.6, |
| 3816893.5,  | 914.4,     | 1439.5, | 0.0);   |       |             |
| ( 393448.4, | 3816871.9, | 913.5,  | 1439.5, | 0.0); | ( 393439.1, |
| 3816850.2,  | 912.6,     | 1439.5, | 0.0);   |       |             |
| ( 393429.9, | 3816828.6, | 911.5,  | 1439.5, | 0.0); | ( 393420.6, |
| 3816806.9,  | 910.8,     | 1439.5, | 0.0);   |       |             |
| ( 393411.4, | 3816785.3, | 909.1,  | 1439.5, | 0.0); | ( 393402.1, |
| 3816763.6,  | 907.4,     | 1439.5, | 0.0);   |       |             |
| ( 393392.9, | 3816742.0, | 906.2,  | 1439.5, | 0.0); | ( 393383.6, |
| 3816720.3,  | 905.1,     | 1439.5, | 0.0);   |       |             |
| ( 393374.3, | 3816698.7, | 904.0,  | 1439.5, | 0.0); | ( 393365.1, |
| 3816677.0,  | 902.9,     | 1439.5, | 0.0);   |       |             |
| ( 393355.8, | 3816655.4, | 901.8,  | 1439.5, | 0.0); | ( 393346.6, |
| 3816633.7,  | 900.9,     | 1439.5, | 0.0);   |       |             |
| ( 393337.3, | 3816612.1, | 900.0,  | 1439.5, | 0.0); | ( 393328.1, |
| 3816590.4,  | 899.1,     | 1439.5, | 0.0);   |       |             |
| ( 393318.8, | 3816568.8, | 898.4,  | 1439.5, | 0.0); | ( 393309.6, |
| 3816547.1,  | 897.9,     | 1439.5, | 0.0);   |       |             |
| ( 393300.3, | 3816525.5, | 897.3,  | 1439.5, | 0.0); | ( 393291.0, |
| 3816503.8,  | 896.5,     | 1439.5, | 0.0);   |       |             |
| ( 394613.0, | 3817805.5, | 1095.2, | 1186.5, | 0.0); | ( 394637.0, |
| 3817805.9,  | 1102.3,    | 1186.5, | 0.0);   |       |             |
| ( 394660.9, | 3817806.2, | 1108.5, | 1186.5, | 0.0); | ( 394684.8, |
| 3817806.5,  | 1110.7,    | 1186.5, | 0.0);   |       |             |
| ( 394708.8, | 3817806.8, | 1105.7, | 1186.5, | 0.0); | ( 394732.7, |
| 3817807.2,  | 1097.5,    | 1186.5, | 0.0);   |       |             |
| ( 394756.6, | 3817807.5, | 1088.8, | 1186.5, | 0.0); | ( 394780.6, |
| 3817807.8,  | 1080.6,    | 1186.5, | 0.0);   |       |             |
| ( 394804.5, | 3817808.2, | 1073.6, | 1439.5, | 0.0); | ( 394828.4, |
| 3817808.5,  | 1068.2,    | 1439.5, | 0.0);   |       |             |
| ( 394852.3, | 3817808.8, | 1064.0, | 1439.5, | 0.0); | ( 394876.3, |
| 3817809.1,  | 1060.4,    | 1439.5, | 0.0);   |       |             |
| ( 394900.2, | 3817809.5, | 1057.1, | 1439.5, | 0.0); | ( 394924.1, |
| 3817809.8,  | 1053.4,    | 1439.5, | 0.0);   |       |             |
| ( 394948.1, | 3817810.1, | 1049.3, | 1439.5, | 0.0); | ( 394972.0, |
| 3817810.4,  | 1046.0,    | 1439.5, | 0.0);   |       |             |
| ( 394995.9, | 3817810.8, | 1044.7, | 1439.5, | 0.0); | ( 395019.9, |
| 3817811.1,  | 1043.9,    | 1439.5, | 0.0);   |       |             |
| ( 395043.8, | 3817811.4, | 1041.9, | 1439.5, | 0.0); | ( 394587.9, |
| 3818046.4,  | 1129.6,    | 1186.5, | 0.0);   |       |             |
| ( 394566.2, | 3818037.3, | 1129.2, | 1186.5, | 0.0); | ( 394544.5, |
| 3818028.1,  | 1131.1,    | 1186.5, | 0.0);   |       |             |
| ( 394522.9, | 3818019.0, | 1133.7, | 1186.5, | 0.0); | ( 394501.2, |
| 3818009.9,  | 1135.0,    | 1186.5, | 0.0);   |       |             |
| ( 394479.5, | 3818000.8, | 1133.7, | 1186.5, | 0.0); | ( 394457.8, |



```

3817991.7, 1129.8, 1186.5, 0.0);
 (394436.1, 3817982.5, 1124.7, 1186.5, 0.0); (394414.4,
3817973.4, 1121.1, 1186.5, 0.0);
 (394392.7, 3817964.3, 1118.3, 1186.5, 0.0); (394371.0,
3817955.2, 1114.4, 1186.5, 0.0);
 (394349.4, 3817946.1, 1110.3, 1186.5, 0.0); (394327.7,
3817936.9, 1103.8, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394306.0, 3817927.8, 1092.6, 1439.5, 0.0); (394284.3,
3817918.7, 1080.2, 1439.5, 0.0);
 (394262.6, 3817909.6, 1067.8, 1439.5, 0.0); (394240.9,
3817900.5, 1055.8, 1439.5, 0.0);
 (394219.2, 3817891.3, 1044.8, 1439.5, 0.0); (394197.5,
3817882.2, 1035.0, 1439.5, 0.0);
 (394175.9, 3817873.1, 1026.3, 1439.5, 0.0); (394154.2,
3817864.0, 1019.2, 1439.5, 0.0);
 (394132.5, 3817854.9, 1014.1, 1439.5, 0.0); (394110.8,
3817845.8, 1009.9, 1439.5, 0.0);
 (394089.1, 3817836.6, 1005.8, 1439.5, 0.0); (394067.4,
3817827.5, 1002.1, 1439.5, 0.0);
 (394045.7, 3817818.4, 998.8, 1439.5, 0.0); (394024.0,
3817809.3, 995.7, 1439.5, 0.0);
 (394002.3, 3817800.1, 991.7, 1439.5, 0.0); (393980.7,
3817791.0, 989.3, 1439.5, 0.0);
 (393959.0, 3817781.9, 987.0, 1439.5, 0.0); (393937.3,
3817772.8, 984.2, 1439.5, 0.0);
 (393915.6, 3817763.7, 981.4, 1439.5, 0.0); (393893.9,
3817754.5, 979.2, 1439.5, 0.0);
 (393872.2, 3817745.4, 976.3, 1439.5, 0.0); (393850.5,
3817736.3, 973.8, 1439.5, 0.0);
 (393828.8, 3817727.2, 971.3, 1439.5, 0.0); (393807.2,
3817718.1, 968.8, 1439.5, 0.0);
 (393785.5, 3817708.9, 966.1, 1439.5, 0.0); (393763.8,
3817699.8, 963.4, 1439.5, 0.0);
 (393742.1, 3817690.7, 961.6, 1439.5, 0.0); (393720.4,
3817681.6, 959.5, 1439.5, 0.0);
 (393698.7, 3817672.5, 956.5, 1439.5, 0.0); (393677.0,
3817663.3, 953.5, 1439.5, 0.0);
 (393655.3, 3817654.2, 951.1, 1439.5, 0.0); (393633.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817645.1,  | 949.1,     | 1439.5, | 0.0);   |       |             |
| ( 393612.0, | 3817636.0, | 947.3,  | 1439.5, | 0.0); | ( 393590.3, |
| 3817626.9,  | 946.6,     | 1439.5, | 0.0);   |       |             |
| ( 393568.6, | 3817617.8, | 946.6,  | 1439.5, | 0.0); | ( 393546.9, |
| 3817608.6,  | 947.1,     | 1439.5, | 0.0);   |       |             |
| ( 393525.2, | 3817599.5, | 947.8,  | 1439.5, | 0.0); | ( 393494.3, |
| 3817568.8,  | 946.0,     | 1439.5, | 0.0);   |       |             |
| ( 393485.0, | 3817547.1, | 944.5,  | 1439.5, | 0.0); | ( 393475.8, |
| 3817525.5,  | 943.4,     | 1439.5, | 0.0);   |       |             |
| ( 393466.5, | 3817503.8, | 942.9,  | 1439.5, | 0.0); | ( 393457.3, |
| 3817482.2,  | 942.3,     | 1439.5, | 0.0);   |       |             |
| ( 393448.0, | 3817460.6, | 940.5,  | 1439.5, | 0.0); | ( 393438.8, |
| 3817438.9,  | 939.0,     | 1439.5, | 0.0);   |       |             |
| ( 393429.5, | 3817417.3, | 937.2,  | 1439.5, | 0.0); | ( 393420.3, |
| 3817395.7,  | 935.8,     | 1439.5, | 0.0);   |       |             |
| ( 393411.0, | 3817374.0, | 934.4,  | 1439.5, | 0.0); | ( 393401.8, |
| 3817352.4,  | 932.9,     | 1439.5, | 0.0);   |       |             |
| ( 393392.5, | 3817330.8, | 931.3,  | 1439.5, | 0.0); | ( 393383.3, |
| 3817309.1,  | 929.2,     | 1439.5, | 0.0);   |       |             |
| ( 393374.0, | 3817287.5, | 927.7,  | 1439.5, | 0.0); | ( 393364.8, |
| 3817265.9,  | 926.9,     | 1439.5, | 0.0);   |       |             |
| ( 393355.5, | 3817244.2, | 926.1,  | 1439.5, | 0.0); | ( 393346.3, |
| 3817222.6,  | 924.9,     | 1439.5, | 0.0);   |       |             |
| ( 393337.0, | 3817201.0, | 923.6,  | 1439.5, | 0.0); | ( 393327.8, |
| 3817179.3,  | 922.1,     | 1439.5, | 0.0);   |       |             |
| ( 393318.5, | 3817157.7, | 920.6,  | 1439.5, | 0.0); | ( 393309.3, |
| 3817136.1,  | 919.7,     | 1439.5, | 0.0);   |       |             |
| ( 393300.0, | 3817114.4, | 919.0,  | 1439.5, | 0.0); | ( 393290.8, |
| 3817092.8,  | 917.6,     | 1439.5, | 0.0);   |       |             |
| ( 393281.6, | 3817071.2, | 916.0,  | 1439.5, | 0.0); | ( 393272.3, |
| 3817049.5,  | 914.2,     | 1439.5, | 0.0);   |       |             |
| ( 393263.1, | 3817027.9, | 913.2,  | 1439.5, | 0.0); | ( 393253.8, |
| 3817006.3,  | 912.0,     | 1439.5, | 0.0);   |       |             |
| ( 393244.6, | 3816984.6, | 911.8,  | 1439.5, | 0.0); | ( 393235.3, |
| 3816963.0,  | 910.7,     | 1439.5, | 0.0);   |       |             |
| ( 393226.1, | 3816941.4, | 910.1,  | 1439.5, | 0.0); | ( 393216.8, |
| 3816919.8,  | 908.7,     | 1439.5, | 0.0);   |       |             |
| ( 393207.6, | 3816898.1, | 906.6,  | 1439.5, | 0.0); | ( 393198.3, |
| 3816876.5,  | 904.7,     | 1439.5, | 0.0);   |       |             |
| ( 393189.1, | 3816854.8, | 903.4,  | 1439.5, | 0.0); | ( 393179.8, |
| 3816833.2,  | 902.3,     | 1439.5, | 0.0);   |       |             |
| ( 393170.6, | 3816811.6, | 901.1,  | 1439.5, | 0.0); | ( 393161.3, |
| 3816789.9,  | 900.1,     | 1439.5, | 0.0);   |       |             |
| ( 393152.1, | 3816768.3, | 899.3,  | 1439.5, | 0.0); | ( 393142.8, |
| 3816746.7,  | 899.0,     | 1439.5, | 0.0);   |       |             |
| ( 393133.6, | 3816725.0, | 900.1,  | 1439.5, | 0.0); | ( 393124.3, |
| 3816703.4,  | 901.0,     | 1439.5, | 0.0);   |       |             |
| ( 393115.1, | 3816681.8, | 901.9,  | 1439.5, | 0.0); | ( 393105.8, |
| 3816660.1,  | 902.3,     | 1439.5, | 0.0);   |       |             |
| ( 393096.6, | 3816638.5, | 902.9,  | 1439.5, | 0.0); | ( 393087.3, |

```

3816616.9, 903.1, 1439.5, 0.0);
 (393078.1, 3816595.2, 902.7, 1439.5, 0.0); (393068.8,
3816573.6, 901.7, 1439.5, 0.0);
 (393059.6, 3816552.0, 900.6, 1439.5, 0.0); (393050.3,
3816530.3, 899.2, 1439.5, 0.0);
 (393041.1, 3816508.7, 897.8, 1439.5, 0.0); (394609.6,
3818055.5, 1135.2, 1186.5, 0.0);
 (394633.5, 3818055.8, 1141.8, 1186.5, 0.0); (394657.5,
3818056.2, 1149.3, 1186.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 13

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394681.4, 3818056.5, 1155.0, 1186.5, 0.0); (394705.3,
3818056.8, 1158.1, 1186.5, 0.0);
 (394729.3, 3818057.1, 1158.4, 1186.5, 0.0); (394753.2,
3818057.5, 1154.9, 1186.5, 0.0);
 (394777.1, 3818057.8, 1147.8, 1186.5, 0.0); (394801.1,
3818058.1, 1138.7, 1186.5, 0.0);
 (394825.0, 3818058.5, 1129.1, 1186.5, 0.0); (394848.9,
3818058.8, 1119.9, 1186.5, 0.0);
 (394872.9, 3818059.1, 1111.1, 1186.5, 0.0); (394896.8,
3818059.4, 1102.6, 1186.5, 0.0);
 (394920.7, 3818059.8, 1094.1, 1186.5, 0.0); (394944.6,
3818060.1, 1085.8, 1439.5, 0.0);
 (394968.6, 3818060.4, 1080.7, 1439.5, 0.0); (394992.5,
3818060.8, 1079.9, 1439.5, 0.0);
 (395016.5, 3818061.1, 1084.6, 1439.5, 0.0); (395040.4,
3818061.4, 1091.8, 1186.5, 0.0);
 (394584.1, 3818296.2, 1096.9, 1439.5, 0.0); (394562.1,
3818286.9, 1099.0, 1439.5, 0.0);
 (394540.0, 3818277.7, 1101.6, 1439.5, 0.0); (394518.0,
3818268.4, 1095.9, 1439.5, 0.0);
 (394495.9, 3818259.1, 1086.6, 1439.5, 0.0); (394473.9,
3818249.8, 1078.0, 1439.5, 0.0);
 (394451.8, 3818240.6, 1072.9, 1439.5, 0.0); (394429.8,
3818231.3, 1071.5, 1439.5, 0.0);
 (394407.7, 3818222.0, 1069.6, 1439.5, 0.0); (394385.7,
3818212.8, 1066.9, 1439.5, 0.0);
 (394363.6, 3818203.5, 1062.8, 1439.5, 0.0); (394341.6,
3818194.2, 1056.9, 1439.5, 0.0);
 (394319.5, 3818184.9, 1050.1, 1439.5, 0.0); (394297.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818175.7,  | 1043.4,    | 1439.5, | 0.0);   |       |             |
| ( 394275.4, | 3818166.4, | 1037.5, | 1439.5, | 0.0); | ( 394253.4, |
| 3818157.1,  | 1032.5,    | 1439.5, | 0.0);   |       |             |
| ( 394231.3, | 3818147.9, | 1028.7, | 1439.5, | 0.0); | ( 394209.3, |
| 3818138.6,  | 1026.0,    | 1439.5, | 0.0);   |       |             |
| ( 394187.2, | 3818129.3, | 1022.6, | 1439.5, | 0.0); | ( 394165.2, |
| 3818120.0,  | 1018.4,    | 1439.5, | 0.0);   |       |             |
| ( 394143.1, | 3818110.8, | 1014.1, | 1439.5, | 0.0); | ( 394121.1, |
| 3818101.5,  | 1009.9,    | 1439.5, | 0.0);   |       |             |
| ( 394099.0, | 3818092.2, | 1005.8, | 1439.5, | 0.0); | ( 394077.0, |
| 3818082.9,  | 1002.8,    | 1439.5, | 0.0);   |       |             |
| ( 394054.9, | 3818073.7, | 999.5,  | 1439.5, | 0.0); | ( 394032.9, |
| 3818064.4,  | 995.5,     | 1439.5, | 0.0);   |       |             |
| ( 394010.8, | 3818055.1, | 991.8,  | 1439.5, | 0.0); | ( 393988.8, |
| 3818045.9,  | 988.6,     | 1439.5, | 0.0);   |       |             |
| ( 393966.7, | 3818036.6, | 985.7,  | 1439.5, | 0.0); | ( 393944.7, |
| 3818027.3,  | 983.1,     | 1439.5, | 0.0);   |       |             |
| ( 393922.6, | 3818018.0, | 980.7,  | 1439.5, | 0.0); | ( 393900.6, |
| 3818008.8,  | 978.7,     | 1439.5, | 0.0);   |       |             |
| ( 393878.5, | 3817999.5, | 977.2,  | 1439.5, | 0.0); | ( 393856.5, |
| 3817990.2,  | 975.5,     | 1439.5, | 0.0);   |       |             |
| ( 393834.4, | 3817980.9, | 973.5,  | 1439.5, | 0.0); | ( 393812.4, |
| 3817971.7,  | 971.3,     | 1439.5, | 0.0);   |       |             |
| ( 393790.3, | 3817962.4, | 968.8,  | 1439.5, | 0.0); | ( 393768.3, |
| 3817953.1,  | 966.6,     | 1439.5, | 0.0);   |       |             |
| ( 393746.2, | 3817943.9, | 964.9,  | 1439.5, | 0.0); | ( 393724.2, |
| 3817934.6,  | 963.9,     | 1439.5, | 0.0);   |       |             |
| ( 393702.1, | 3817925.3, | 962.8,  | 1439.5, | 0.0); | ( 393680.1, |
| 3817916.0,  | 962.1,     | 1439.5, | 0.0);   |       |             |
| ( 393658.0, | 3817906.8, | 962.6,  | 1439.5, | 0.0); | ( 393636.0, |
| 3817897.5,  | 964.4,     | 1439.5, | 0.0);   |       |             |
| ( 393613.9, | 3817888.2, | 967.9,  | 1439.5, | 0.0); | ( 393591.9, |
| 3817879.0,  | 974.2,     | 1439.5, | 0.0);   |       |             |
| ( 393569.8, | 3817869.7, | 978.1,  | 1439.5, | 0.0); | ( 393547.8, |
| 3817860.4,  | 980.1,     | 1439.5, | 0.0);   |       |             |
| ( 393525.7, | 3817851.1, | 978.2,  | 1439.5, | 0.0); | ( 393503.7, |
| 3817841.9,  | 974.0,     | 1439.5, | 0.0);   |       |             |
| ( 393481.6, | 3817832.6, | 970.9,  | 1439.5, | 0.0); | ( 393459.6, |
| 3817823.3,  | 970.1,     | 1439.5, | 0.0);   |       |             |
| ( 393437.5, | 3817814.0, | 970.2,  | 1439.5, | 0.0); | ( 393415.5, |
| 3817804.8,  | 971.1,     | 1439.5, | 0.0);   |       |             |
| ( 393393.4, | 3817795.5, | 972.9,  | 1439.5, | 0.0); | ( 393371.4, |
| 3817786.2,  | 973.6,     | 1439.5, | 0.0);   |       |             |
| ( 393349.3, | 3817777.0, | 972.3,  | 1439.5, | 0.0); | ( 393317.9, |
| 3817745.7,  | 966.9,     | 1439.5, | 0.0);   |       |             |
| ( 393308.5, | 3817723.7, | 964.4,  | 1439.5, | 0.0); | ( 393299.1, |
| 3817701.7,  | 961.8,     | 1439.5, | 0.0);   |       |             |
| ( 393289.7, | 3817679.7, | 958.3,  | 1439.5, | 0.0); | ( 393280.3, |
| 3817657.7,  | 955.7,     | 1439.5, | 0.0);   |       |             |
| ( 393270.9, | 3817635.7, | 953.6,  | 1439.5, | 0.0); | ( 393261.5, |

```

3817613.7, 951.2, 1439.5, 0.0);
 (393252.0, 3817591.7, 947.8, 1439.5, 0.0); (393242.6,
3817569.7, 945.0, 1439.5, 0.0);
 (393233.2, 3817547.7, 942.7, 1439.5, 0.0); (393223.8,
3817525.8, 939.9, 1439.5, 0.0);
 (393214.4, 3817503.8, 937.7, 1439.5, 0.0); (393205.0,
3817481.8, 935.8, 1439.5, 0.0);
 (393195.6, 3817459.8, 934.4, 1439.5, 0.0); (393186.2,
3817437.8, 933.2, 1439.5, 0.0);
 (393176.8, 3817415.8, 931.9, 1439.5, 0.0); (393167.4,
3817393.8, 931.1, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 14

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (393158.0, 3817371.8, 929.9, 1439.5, 0.0); (393148.6,
3817349.8, 928.2, 1439.5, 0.0);
 (393139.2, 3817327.8, 926.5, 1439.5, 0.0); (393129.8,
3817305.8, 925.1, 1439.5, 0.0);
 (393120.4, 3817283.8, 923.9, 1439.5, 0.0); (393111.0,
3817261.8, 922.7, 1439.5, 0.0);
 (393101.6, 3817239.8, 921.4, 1439.5, 0.0); (393092.2,
3817217.8, 920.7, 1439.5, 0.0);
 (393082.8, 3817195.8, 920.3, 1439.5, 0.0); (393073.4,
3817173.8, 920.1, 1439.5, 0.0);
 (393064.0, 3817151.8, 919.6, 1439.5, 0.0); (393054.6,
3817129.8, 919.3, 1439.5, 0.0);
 (393045.2, 3817107.8, 918.8, 1439.5, 0.0); (393035.8,
3817085.8, 917.1, 1439.5, 0.0);
 (393026.4, 3817063.9, 916.1, 1439.5, 0.0); (393017.0,
3817041.9, 915.6, 1439.5, 0.0);
 (393007.6, 3817019.9, 915.9, 1439.5, 0.0); (392998.2,
3816997.9, 917.6, 1439.5, 0.0);
 (392988.8, 3816975.9, 920.4, 1439.5, 0.0); (392979.4,
3816953.9, 923.1, 1439.5, 0.0);
 (392970.0, 3816931.9, 925.7, 1439.5, 0.0); (392960.5,
3816909.9, 927.9, 1439.5, 0.0);
 (392951.1, 3816887.9, 929.7, 1439.5, 0.0); (392941.7,
3816865.9, 931.5, 1439.5, 0.0);
 (392932.3, 3816843.9, 933.8, 1439.5, 0.0); (392922.9,
3816821.9, 936.3, 1439.5, 0.0);
 (392913.5, 3816799.9, 939.3, 1439.5, 0.0); (392904.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816777.9,  | 943.1,     | 1439.5, | 0.0);   |       |             |
| ( 392894.7, | 3816755.9, | 947.3,  | 1439.5, | 0.0); | ( 392885.3, |
| 3816733.9,  | 945.9,     | 1439.5, | 0.0);   |       |             |
| ( 392875.9, | 3816711.9, | 940.8,  | 1439.5, | 0.0); | ( 392866.5, |
| 3816689.9,  | 934.4,     | 1439.5, | 0.0);   |       |             |
| ( 392857.1, | 3816667.9, | 930.6,  | 1439.5, | 0.0); | ( 392847.7, |
| 3816646.0,  | 927.0,     | 1439.5, | 0.0);   |       |             |
| ( 392838.3, | 3816624.0, | 923.0,  | 1439.5, | 0.0); | ( 392828.9, |
| 3816602.0,  | 920.2,     | 1439.5, | 0.0);   |       |             |
| ( 392819.5, | 3816580.0, | 917.4,  | 1439.5, | 0.0); | ( 392810.1, |
| 3816558.0,  | 914.6,     | 1439.5, | 0.0);   |       |             |
| ( 392800.7, | 3816536.0, | 912.1,  | 1439.5, | 0.0); | ( 392791.3, |
| 3816514.0,  | 909.6,     | 1439.5, | 0.0);   |       |             |
| ( 394606.2, | 3818305.5, | 1099.0, | 1439.5, | 0.0); | ( 394630.1, |
| 3818305.8,  | 1106.2,    | 1439.5, | 0.0);   |       |             |
| ( 394654.1, | 3818306.1, | 1114.2, | 1439.5, | 0.0); | ( 394678.0, |
| 3818306.5,  | 1122.7,    | 1439.5, | 0.0);   |       |             |
| ( 394701.9, | 3818306.8, | 1131.5, | 1186.5, | 0.0); | ( 394725.8, |
| 3818307.1,  | 1140.2,    | 1186.5, | 0.0);   |       |             |
| ( 394749.8, | 3818307.4, | 1148.7, | 1186.5, | 0.0); | ( 394773.7, |
| 3818307.8,  | 1156.3,    | 1186.5, | 0.0);   |       |             |
| ( 394797.6, | 3818308.1, | 1161.1, | 1186.5, | 0.0); | ( 394821.6, |
| 3818308.4,  | 1159.8,    | 1186.5, | 0.0);   |       |             |
| ( 394845.5, | 3818308.8, | 1152.6, | 1186.5, | 0.0); | ( 394869.4, |
| 3818309.1,  | 1145.6,    | 1186.5, | 0.0);   |       |             |
| ( 394893.4, | 3818309.4, | 1143.9, | 1186.5, | 0.0); | ( 394917.3, |
| 3818309.8,  | 1145.7,    | 1186.5, | 0.0);   |       |             |
| ( 394941.2, | 3818310.1, | 1147.5, | 1186.5, | 0.0); | ( 394965.2, |
| 3818310.4,  | 1146.1,    | 1186.5, | 0.0);   |       |             |
| ( 394989.1, | 3818310.7, | 1141.6, | 1186.5, | 0.0); | ( 395013.0, |
| 3818311.1,  | 1135.4,    | 1186.5, | 0.0);   |       |             |
| ( 395037.0, | 3818311.4, | 1129.1, | 1186.5, | 0.0); | ( 394577.4, |
| 3818796.2,  | 1038.1,    | 1439.5, | 0.0);   |       |             |
| ( 394555.4, | 3818787.0, | 1036.9, | 1439.5, | 0.0); | ( 394533.5, |
| 3818777.7,  | 1035.6,    | 1439.5, | 0.0);   |       |             |
| ( 394511.5, | 3818768.5, | 1033.8, | 1439.5, | 0.0); | ( 394489.6, |
| 3818759.3,  | 1032.8,    | 1439.5, | 0.0);   |       |             |
| ( 394467.6, | 3818750.0, | 1031.5, | 1439.5, | 0.0); | ( 394445.7, |
| 3818740.8,  | 1029.9,    | 1439.5, | 0.0);   |       |             |
| ( 394423.7, | 3818731.6, | 1028.1, | 1439.5, | 0.0); | ( 394401.8, |
| 3818722.3,  | 1026.2,    | 1439.5, | 0.0);   |       |             |
| ( 394379.8, | 3818713.1, | 1023.4, | 1439.5, | 0.0); | ( 394357.9, |
| 3818703.9,  | 1020.3,    | 1439.5, | 0.0);   |       |             |
| ( 394335.9, | 3818694.7, | 1019.4, | 1439.5, | 0.0); | ( 394314.0, |
| 3818685.4,  | 1020.9,    | 1439.5, | 0.0);   |       |             |
| ( 394292.0, | 3818676.2, | 1019.8, | 1439.5, | 0.0); | ( 394270.0, |
| 3818667.0,  | 1018.3,    | 1439.5, | 0.0);   |       |             |
| ( 394248.1, | 3818657.7, | 1017.1, | 1439.5, | 0.0); | ( 394226.1, |
| 3818648.5,  | 1016.0,    | 1439.5, | 0.0);   |       |             |
| ( 394204.2, | 3818639.3, | 1015.2, | 1439.5, | 0.0); | ( 394182.2, |

```

3818630.0, 1014.3, 1439.5, 0.0);
(394160.3, 3818620.8, 1013.5, 1439.5, 0.0); (394138.3,
3818611.6, 1012.9, 1439.5, 0.0);
(394116.4, 3818602.3, 1012.6, 1439.5, 0.0); (394094.4,
3818593.1, 1012.3, 1439.5, 0.0);
(394072.5, 3818583.9, 1012.0, 1439.5, 0.0); (394050.5,
3818574.6, 1011.9, 1439.5, 0.0);
(394028.5, 3818565.4, 1011.8, 1439.5, 0.0); (394006.6,
3818556.2, 1011.7, 1439.5, 0.0);
(393984.6, 3818546.9, 1010.9, 1439.5, 0.0); (393962.7,
3818537.7, 1009.9, 1439.5, 0.0);
(393940.7, 3818528.5, 1009.1, 1439.5, 0.0); (393918.8,
3818519.3, 1008.0, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 15

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393896.8, 3818510.0, 1007.1, 1439.5, 0.0); (393874.9,
3818500.8, 1008.5, 1439.5, 0.0);
(393852.9, 3818491.6, 1011.3, 1439.5, 0.0); (393831.0,
3818482.3, 1015.4, 1439.5, 0.0);
(393809.0, 3818473.1, 1021.4, 1439.5, 0.0); (393787.1,
3818463.9, 1028.8, 1439.5, 0.0);
(393765.1, 3818454.6, 1034.5, 1439.5, 0.0); (393743.1,
3818445.4, 1037.2, 1439.5, 0.0);
(393721.2, 3818436.2, 1037.3, 1439.5, 0.0); (393699.2,
3818426.9, 1033.0, 1439.5, 0.0);
(393677.3, 3818417.7, 1028.0, 1439.5, 0.0); (393655.3,
3818408.5, 1022.6, 1439.5, 0.0);
(393633.4, 3818399.2, 1017.0, 1439.5, 0.0); (393611.4,
3818390.0, 1011.8, 1439.5, 0.0);
(393589.5, 3818380.8, 1006.6, 1439.5, 0.0); (393567.5,
3818371.5, 1001.5, 1439.5, 0.0);
(393545.6, 3818362.3, 997.3, 1439.5, 0.0); (393523.6,
3818353.1, 996.1, 1439.5, 0.0);
(393501.7, 3818343.8, 994.2, 1439.5, 0.0); (393479.7,
3818334.6, 991.7, 1439.5, 0.0);
(393457.8, 3818325.4, 988.9, 1439.5, 0.0); (393435.8,
3818316.2, 986.5, 1439.5, 0.0);
(393413.8, 3818306.9, 985.6, 1439.5, 0.0); (393391.9,
3818297.7, 983.4, 1439.5, 0.0);
(393369.9, 3818288.5, 981.6, 1439.5, 0.0); (393348.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818279.2,  | 980.1,     | 1439.5, | 0.0);   |       |             |
| ( 393326.0, | 3818270.0, | 979.3,  | 1439.5, | 0.0); | ( 393304.1, |
| 3818260.8,  | 978.8,     | 1439.5, | 0.0);   |       |             |
| ( 393282.1, | 3818251.5, | 978.4,  | 1439.5, | 0.0); | ( 393260.2, |
| 3818242.3,  | 977.1,     | 1439.5, | 0.0);   |       |             |
| ( 393238.2, | 3818233.1, | 975.8,  | 1439.5, | 0.0); | ( 393216.3, |
| 3818223.8,  | 974.7,     | 1439.5, | 0.0);   |       |             |
| ( 393194.3, | 3818214.6, | 973.4,  | 1439.5, | 0.0); | ( 393172.4, |
| 3818205.4,  | 972.1,     | 1439.5, | 0.0);   |       |             |
| ( 393150.4, | 3818196.1, | 970.8,  | 1439.5, | 0.0); | ( 393128.5, |
| 3818186.9,  | 969.9,     | 1439.5, | 0.0);   |       |             |
| ( 393106.5, | 3818177.7, | 968.9,  | 1439.5, | 0.0); | ( 393084.5, |
| 3818168.4,  | 968.4,     | 1439.5, | 0.0);   |       |             |
| ( 393062.6, | 3818159.2, | 968.7,  | 1439.5, | 0.0); | ( 393040.6, |
| 3818150.0,  | 967.8,     | 1439.5, | 0.0);   |       |             |
| ( 393018.7, | 3818140.8, | 966.6,  | 1439.5, | 0.0); | ( 392996.7, |
| 3818131.5,  | 965.6,     | 1439.5, | 0.0);   |       |             |
| ( 392965.4, | 3818100.4, | 962.8,  | 1439.5, | 0.0); | ( 392956.0, |
| 3818078.5,  | 960.1,     | 1439.5, | 0.0);   |       |             |
| ( 392946.7, | 3818056.6, | 958.3,  | 1439.5, | 0.0); | ( 392937.3, |
| 3818034.7,  | 956.5,     | 1439.5, | 0.0);   |       |             |
| ( 392928.0, | 3818012.8, | 954.8,  | 1439.5, | 0.0); | ( 392918.6, |
| 3817990.9,  | 954.1,     | 1439.5, | 0.0);   |       |             |
| ( 392909.2, | 3817969.0, | 953.3,  | 1439.5, | 0.0); | ( 392899.9, |
| 3817947.1,  | 952.4,     | 1439.5, | 0.0);   |       |             |
| ( 392890.5, | 3817925.2, | 952.3,  | 1439.5, | 0.0); | ( 392881.1, |
| 3817903.3,  | 951.4,     | 1439.5, | 0.0);   |       |             |
| ( 392871.8, | 3817881.4, | 950.2,  | 1439.5, | 0.0); | ( 392862.4, |
| 3817859.5,  | 949.5,     | 1439.5, | 0.0);   |       |             |
| ( 392853.1, | 3817837.6, | 949.2,  | 1439.5, | 0.0); | ( 392843.7, |
| 3817815.7,  | 948.7,     | 1439.5, | 0.0);   |       |             |
| ( 392834.3, | 3817793.8, | 948.3,  | 1439.5, | 0.0); | ( 392825.0, |
| 3817771.9,  | 947.6,     | 1439.5, | 0.0);   |       |             |
| ( 392815.6, | 3817750.0, | 946.8,  | 1439.5, | 0.0); | ( 392806.3, |
| 3817728.1,  | 946.0,     | 1439.5, | 0.0);   |       |             |
| ( 392796.9, | 3817706.2, | 945.1,  | 1439.5, | 0.0); | ( 392787.5, |
| 3817684.3,  | 943.9,     | 1439.5, | 0.0);   |       |             |
| ( 392778.2, | 3817662.4, | 942.8,  | 1439.5, | 0.0); | ( 392768.8, |
| 3817640.5,  | 941.7,     | 1439.5, | 0.0);   |       |             |
| ( 392759.5, | 3817618.6, | 940.4,  | 1439.5, | 0.0); | ( 392750.1, |
| 3817596.7,  | 939.3,     | 1439.5, | 0.0);   |       |             |
| ( 392740.7, | 3817574.8, | 938.2,  | 1439.5, | 0.0); | ( 392731.4, |
| 3817552.9,  | 937.1,     | 1439.5, | 0.0);   |       |             |
| ( 392722.0, | 3817531.0, | 935.9,  | 1439.5, | 0.0); | ( 392712.6, |
| 3817509.1,  | 934.9,     | 1439.5, | 0.0);   |       |             |
| ( 392703.3, | 3817487.2, | 933.8,  | 1439.5, | 0.0); | ( 392693.9, |
| 3817465.3,  | 932.7,     | 1439.5, | 0.0);   |       |             |
| ( 392684.5, | 3817443.4, | 931.7,  | 1439.5, | 0.0); | ( 392675.2, |
| 3817421.5,  | 930.6,     | 1439.5, | 0.0);   |       |             |
| ( 392665.8, | 3817399.6, | 929.5,  | 1439.5, | 0.0); | ( 392656.5, |



```

3817377.8, 930.5, 1439.5, 0.0);
 (392647.1, 3817355.8, 932.2, 1439.5, 0.0); (392637.7,
3817333.9, 933.0, 1439.5, 0.0);
 (392628.4, 3817312.0, 934.3, 1439.5, 0.0); (392619.0,
3817290.1, 935.0, 1439.5, 0.0);
 (392609.7, 3817268.2, 936.3, 1439.5, 0.0); (392600.3,
3817246.4, 938.6, 1439.5, 0.0);
 (392590.9, 3817224.5, 941.6, 1439.5, 0.0); (392581.6,
3817202.6, 945.0, 1439.5, 0.0);
 (392572.2, 3817180.7, 948.7, 1439.5, 0.0); (392562.8,
3817158.8, 952.5, 1439.5, 0.0);
 (392553.5, 3817136.9, 957.2, 1439.5, 0.0); (392544.1,
3817115.0, 962.2, 1439.5, 0.0);
 (392534.8, 3817093.1, 968.0, 1439.5, 0.0); (392525.4,
3817071.2, 974.8, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 16

```

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (392516.0, 3817049.3, 975.3, 1439.5, 0.0); (392506.7,
3817027.4, 972.1, 1439.5, 0.0);
 (392497.3, 3817005.5, 967.8, 1439.5, 0.0); (392488.0,
3816983.6, 964.7, 1439.5, 0.0);
 (392478.6, 3816961.7, 962.3, 1439.5, 0.0); (392469.2,
3816939.8, 959.7, 1439.5, 0.0);
 (392459.9, 3816917.9, 956.8, 1439.5, 0.0); (392450.5,
3816896.0, 953.7, 1439.5, 0.0);
 (392441.1, 3816874.1, 950.7, 1439.5, 0.0); (392431.8,
3816852.2, 949.6, 1439.5, 0.0);
 (392422.4, 3816830.3, 947.4, 1439.5, 0.0); (392413.0,
3816808.4, 945.1, 1439.5, 0.0);
 (392403.7, 3816786.5, 943.4, 1439.5, 0.0); (392394.3,
3816764.6, 941.0, 1439.5, 0.0);
 (392385.0, 3816742.7, 939.5, 1439.5, 0.0); (392375.6,
3816720.8, 939.2, 1439.5, 0.0);
 (392366.2, 3816698.9, 939.3, 1439.5, 0.0); (392356.9,
3816677.0, 938.9, 1439.5, 0.0);
 (392347.5, 3816655.1, 939.0, 1439.5, 0.0); (392338.2,
3816633.2, 939.9, 1439.5, 0.0);
 (392328.8, 3816611.3, 939.9, 1439.5, 0.0); (392319.4,
3816589.4, 939.7, 1439.5, 0.0);
 (392310.1, 3816567.5, 939.6, 1439.5, 0.0); (392300.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816545.6,  | 940.9,     | 1439.5, | 0.0);   |       |             |
| ( 392291.3, | 3816523.7, | 942.9,  | 1439.5, | 0.0); | ( 394599.3, |
| 3818805.4,  | 1040.5,    | 1439.5, | 0.0);   |       |             |
| ( 394623.3, | 3818805.8, | 1043.3, | 1439.5, | 0.0); | ( 394647.2, |
| 3818806.1,  | 1047.2,    | 1439.5, | 0.0);   |       |             |
| ( 394671.1, | 3818806.4, | 1051.8, | 1439.5, | 0.0); | ( 394695.1, |
| 3818806.8,  | 1055.5,    | 1439.5, | 0.0);   |       |             |
| ( 394719.0, | 3818807.1, | 1058.3, | 1439.5, | 0.0); | ( 394742.9, |
| 3818807.4,  | 1061.5,    | 1439.5, | 0.0);   |       |             |
| ( 394766.9, | 3818807.7, | 1065.9, | 1439.5, | 0.0); | ( 394790.8, |
| 3818808.1,  | 1070.7,    | 1439.5, | 0.0);   |       |             |
| ( 394814.7, | 3818808.4, | 1072.9, | 1439.5, | 0.0); | ( 394838.7, |
| 3818808.7,  | 1071.8,    | 1439.5, | 0.0);   |       |             |
| ( 394862.6, | 3818809.0, | 1070.2, | 1439.5, | 0.0); | ( 394886.5, |
| 3818809.4,  | 1069.2,    | 1439.5, | 0.0);   |       |             |
| ( 394910.5, | 3818809.7, | 1067.5, | 1439.5, | 0.0); | ( 394934.4, |
| 3818810.0,  | 1065.4,    | 1439.5, | 0.0);   |       |             |
| ( 394958.3, | 3818810.4, | 1063.9, | 1439.5, | 0.0); | ( 394982.2, |
| 3818810.7,  | 1063.0,    | 1439.5, | 0.0);   |       |             |
| ( 395006.2, | 3818811.0, | 1062.5, | 1439.5, | 0.0); | ( 395030.1, |
| 3818811.3,  | 1062.2,    | 1439.5, | 0.0);   |       |             |
| ( 394570.6, | 3819296.2, | 1099.5, | 1439.5, | 0.0); | ( 394548.7, |
| 3819287.0,  | 1101.5,    | 1439.5, | 0.0);   |       |             |
| ( 394526.8, | 3819277.8, | 1102.9, | 1439.5, | 0.0); | ( 394504.9, |
| 3819268.6,  | 1103.3,    | 1439.5, | 0.0);   |       |             |
| ( 394483.0, | 3819259.4, | 1102.8, | 1439.5, | 0.0); | ( 394461.1, |
| 3819250.2,  | 1099.7,    | 1439.5, | 0.0);   |       |             |
| ( 394439.3, | 3819240.9, | 1098.0, | 1439.5, | 0.0); | ( 394417.4, |
| 3819231.8,  | 1098.9,    | 1439.5, | 0.0);   |       |             |
| ( 394395.5, | 3819222.5, | 1099.1, | 1439.5, | 0.0); | ( 394373.6, |
| 3819213.3,  | 1099.5,    | 1439.5, | 0.0);   |       |             |
| ( 394351.7, | 3819204.1, | 1100.8, | 1439.5, | 0.0); | ( 394329.8, |
| 3819194.9,  | 1103.0,    | 1439.5, | 0.0);   |       |             |
| ( 394307.9, | 3819185.7, | 1102.7, | 1439.5, | 0.0); | ( 394286.0, |
| 3819176.5,  | 1098.4,    | 1439.5, | 0.0);   |       |             |
| ( 394264.1, | 3819167.3, | 1092.3, | 1439.5, | 0.0); | ( 394242.2, |
| 3819158.1,  | 1088.3,    | 1439.5, | 0.0);   |       |             |
| ( 394220.3, | 3819148.9, | 1085.9, | 1439.5, | 0.0); | ( 394198.5, |
| 3819139.7,  | 1083.5,    | 1439.5, | 0.0);   |       |             |
| ( 394176.6, | 3819130.5, | 1083.1, | 1439.5, | 0.0); | ( 394154.7, |
| 3819121.3,  | 1081.6,    | 1439.5, | 0.0);   |       |             |
| ( 394132.8, | 3819112.1, | 1078.3, | 1439.5, | 0.0); | ( 394110.9, |
| 3819102.9,  | 1074.7,    | 1439.5, | 0.0);   |       |             |
| ( 394089.0, | 3819093.7, | 1074.7, | 1439.5, | 0.0); | ( 394067.1, |
| 3819084.5,  | 1075.8,    | 1439.5, | 0.0);   |       |             |
| ( 394045.2, | 3819075.2, | 1075.2, | 1439.5, | 0.0); | ( 394023.3, |
| 3819066.0,  | 1073.1,    | 1439.5, | 0.0);   |       |             |
| ( 394001.4, | 3819056.8, | 1070.7, | 1439.5, | 0.0); | ( 393979.5, |
| 3819047.6,  | 1067.8,    | 1439.5, | 0.0);   |       |             |
| ( 393957.6, | 3819038.4, | 1062.0, | 1439.5, | 0.0); | ( 393935.8, |

```

3819029.2, 1053.7, 1439.5, 0.0);
(393913.9, 3819020.0, 1047.4, 1439.5, 0.0); (393892.0,
3819010.8, 1045.1, 1439.5, 0.0);
(393870.1, 3819001.6, 1044.4, 1439.5, 0.0); (393848.2,
3818992.4, 1042.8, 1439.5, 0.0);
(393826.3, 3818983.2, 1040.8, 1439.5, 0.0); (393804.4,
3818974.0, 1042.1, 1439.5, 0.0);
(393782.5, 3818964.8, 1045.8, 1439.5, 0.0); (393760.6,
3818955.6, 1045.4, 1439.5, 0.0);
(393738.7, 3818946.4, 1044.7, 1439.5, 0.0); (393716.8,
3818937.2, 1045.7, 1439.5, 0.0);
(393695.0, 3818928.0, 1047.0, 1439.5, 0.0); (393673.1,
3818918.8, 1047.6, 1439.5, 0.0);
(393651.2, 3818909.5, 1048.3, 1439.5, 0.0); (393629.3,
3818900.3, 1044.5, 1439.5, 0.0);
(393607.4, 3818891.1, 1039.8, 1439.5, 0.0); (393585.5,
3818881.9, 1037.1, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 17

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393563.6, 3818872.7, 1035.8, 1439.5, 0.0); (393541.7,
3818863.5, 1034.5, 1439.5, 0.0);
(393519.8, 3818854.3, 1033.1, 1439.5, 0.0); (393497.9,
3818845.1, 1032.7, 1439.5, 0.0);
(393476.0, 3818835.9, 1033.8, 1439.5, 0.0); (393454.1,
3818826.7, 1040.7, 1439.5, 0.0);
(393432.2, 3818817.5, 1049.2, 1439.5, 0.0); (393410.4,
3818808.3, 1056.5, 1439.5, 0.0);
(393388.5, 3818799.1, 1059.8, 1439.5, 0.0); (393366.6,
3818789.9, 1061.1, 1439.5, 0.0);
(393344.7, 3818780.7, 1058.5, 1439.5, 0.0); (393322.8,
3818771.5, 1051.7, 1439.5, 0.0);
(393300.9, 3818762.3, 1048.7, 1439.5, 0.0); (393279.0,
3818753.1, 1047.9, 1439.5, 0.0);
(393257.1, 3818743.9, 1051.1, 1439.5, 0.0); (393235.2,
3818734.6, 1055.6, 1439.5, 0.0);
(393213.3, 3818725.4, 1058.1, 1439.5, 0.0); (393191.5,
3818716.2, 1058.3, 1439.5, 0.0);
(393169.6, 3818707.0, 1055.5, 1439.5, 0.0); (393147.7,
3818697.8, 1051.6, 1439.5, 0.0);
(393125.8, 3818688.6, 1046.5, 1439.5, 0.0); (393103.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818679.4,  | 1038.2,    | 1439.5, | 0.0);   |       |             |
| ( 393082.0, | 3818670.2, | 1030.1, | 1439.5, | 0.0); | ( 393060.1, |
| 3818661.0,  | 1022.8,    | 1439.5, | 0.0);   |       |             |
| ( 393038.2, | 3818651.8, | 1017.7, | 1439.5, | 0.0); | ( 393016.3, |
| 3818642.6,  | 1016.5,    | 1439.5, | 0.0);   |       |             |
| ( 392994.4, | 3818633.4, | 1014.4, | 1439.5, | 0.0); | ( 392972.5, |
| 3818624.2,  | 1011.3,    | 1439.5, | 0.0);   |       |             |
| ( 392950.6, | 3818615.0, | 1007.9, | 1439.5, | 0.0); | ( 392928.8, |
| 3818605.8,  | 1005.0,    | 1439.5, | 0.0);   |       |             |
| ( 392906.9, | 3818596.6, | 1003.5, | 1439.5, | 0.0); | ( 392885.0, |
| 3818587.4,  | 1003.5,    | 1439.5, | 0.0);   |       |             |
| ( 392863.1, | 3818578.2, | 1001.1, | 1439.5, | 0.0); | ( 392841.2, |
| 3818568.9,  | 998.6,     | 1439.5, | 0.0);   |       |             |
| ( 392819.3, | 3818559.7, | 995.5,  | 1439.5, | 0.0); | ( 392797.4, |
| 3818550.5,  | 994.4,     | 1439.5, | 0.0);   |       |             |
| ( 392775.5, | 3818541.3, | 995.4,  | 1439.5, | 0.0); | ( 392753.6, |
| 3818532.1,  | 998.2,     | 1439.5, | 0.0);   |       |             |
| ( 392731.7, | 3818522.9, | 1001.8, | 1439.5, | 0.0); | ( 392709.8, |
| 3818513.7,  | 1005.0,    | 1439.5, | 0.0);   |       |             |
| ( 392688.0, | 3818504.5, | 1008.5, | 1439.5, | 0.0); | ( 392666.1, |
| 3818495.3,  | 1010.1,    | 1439.5, | 0.0);   |       |             |
| ( 392644.2, | 3818486.1, | 1007.8, | 1439.5, | 0.0); | ( 392612.9, |
| 3818455.1,  | 998.9,     | 1439.5, | 0.0);   |       |             |
| ( 392603.6, | 3818433.2, | 994.9,  | 1439.5, | 0.0); | ( 392594.3, |
| 3818411.4,  | 991.6,     | 1439.5, | 0.0);   |       |             |
| ( 392584.9, | 3818389.5, | 988.5,  | 1439.5, | 0.0); | ( 392575.6, |
| 3818367.7,  | 986.0,     | 1439.5, | 0.0);   |       |             |
| ( 392566.3, | 3818345.9, | 984.0,  | 1439.5, | 0.0); | ( 392556.9, |
| 3818324.0,  | 982.3,     | 1439.5, | 0.0);   |       |             |
| ( 392547.6, | 3818302.2, | 981.0,  | 1439.5, | 0.0); | ( 392538.2, |
| 3818280.4,  | 980.5,     | 1439.5, | 0.0);   |       |             |
| ( 392528.9, | 3818258.5, | 979.7,  | 1439.5, | 0.0); | ( 392519.6, |
| 3818236.7,  | 978.5,     | 1439.5, | 0.0);   |       |             |
| ( 392510.2, | 3818214.9, | 977.2,  | 1439.5, | 0.0); | ( 392500.9, |
| 3818193.0,  | 975.8,     | 1439.5, | 0.0);   |       |             |
| ( 392491.6, | 3818171.2, | 974.4,  | 1439.5, | 0.0); | ( 392482.2, |
| 3818149.3,  | 972.9,     | 1439.5, | 0.0);   |       |             |
| ( 392472.9, | 3818127.5, | 971.4,  | 1439.5, | 0.0); | ( 392463.6, |
| 3818105.7,  | 969.8,     | 1439.5, | 0.0);   |       |             |
| ( 392454.2, | 3818083.8, | 968.2,  | 1439.5, | 0.0); | ( 392444.9, |
| 3818062.0,  | 966.7,     | 1439.5, | 0.0);   |       |             |
| ( 392435.6, | 3818040.2, | 965.4,  | 1439.5, | 0.0); | ( 392426.2, |
| 3818018.3,  | 964.0,     | 1439.5, | 0.0);   |       |             |
| ( 392416.9, | 3817996.5, | 962.9,  | 1439.5, | 0.0); | ( 392407.6, |
| 3817974.7,  | 961.9,     | 1439.5, | 0.0);   |       |             |
| ( 392398.2, | 3817952.8, | 960.8,  | 1439.5, | 0.0); | ( 392388.9, |
| 3817931.0,  | 959.6,     | 1439.5, | 0.0);   |       |             |
| ( 392379.5, | 3817909.1, | 958.2,  | 1439.5, | 0.0); | ( 392370.2, |
| 3817887.3,  | 956.8,     | 1439.5, | 0.0);   |       |             |
| ( 392360.9, | 3817865.5, | 955.6,  | 1439.5, | 0.0); | ( 392351.5, |

```

3817843.6, 954.8, 1439.5, 0.0);
(392342.2, 3817821.8, 953.9, 1439.5, 0.0); (392332.9,
3817800.0, 953.2, 1439.5, 0.0);
(392323.5, 3817778.1, 952.5, 1439.5, 0.0); (392314.2,
3817756.3, 951.6, 1439.5, 0.0);
(392304.9, 3817734.5, 950.5, 1439.5, 0.0); (392295.5,
3817712.6, 949.3, 1439.5, 0.0);
(392286.2, 3817690.8, 948.1, 1439.5, 0.0); (392276.9,
3817668.9, 946.9, 1439.5, 0.0);
(392267.5, 3817647.1, 945.8, 1439.5, 0.0); (392258.2,
3817625.3, 944.8, 1439.5, 0.0);
(392248.8, 3817603.4, 944.3, 1439.5, 0.0); (392239.5,
3817581.6, 944.6, 1439.5, 0.0);
(392230.2, 3817559.8, 945.4, 1439.5, 0.0); (392220.8,
3817537.9, 946.2, 1439.5, 0.0);
(392211.5, 3817516.1, 946.7, 1439.5, 0.0); (392202.2,
3817494.3, 946.9, 1439.5, 0.0);
(392192.8, 3817472.4, 947.1, 1439.5, 0.0); (392183.5,
3817450.6, 951.3, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 18

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392174.2, 3817428.8, 958.2, 1439.5, 0.0); (392164.8,
3817406.9, 968.8, 1439.5, 0.0);
(392155.5, 3817385.1, 971.5, 1439.5, 0.0); (392146.2,
3817363.2, 976.1, 1439.5, 0.0);
(392136.8, 3817341.4, 981.6, 1439.5, 0.0); (392127.5,
3817319.6, 987.6, 1439.5, 0.0);
(392118.2, 3817297.7, 993.0, 1439.5, 0.0); (392108.8,
3817275.9, 997.1, 1439.5, 0.0);
(392099.5, 3817254.1, 999.9, 1439.5, 0.0); (392090.1,
3817232.2, 998.3, 1439.5, 0.0);
(392080.8, 3817210.4, 995.4, 1439.5, 0.0); (392071.5,
3817188.5, 990.9, 1439.5, 0.0);
(392062.1, 3817166.7, 986.2, 1439.5, 0.0); (392052.8,
3817144.9, 984.4, 1439.5, 0.0);
(392043.5, 3817123.0, 985.8, 1439.5, 0.0); (392034.1,
3817101.2, 989.5, 1439.5, 0.0);
(392024.8, 3817079.4, 993.3, 1439.5, 0.0); (392015.5,
3817057.5, 997.7, 1439.5, 0.0);
(392006.1, 3817035.7, 1001.9, 1439.5, 0.0); (391996.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817013.9,  | 1006.8,    | 1439.5, | 0.0);   |       |             |
| ( 391987.5, | 3816992.0, | 1013.2, | 1439.5, | 0.0); | ( 391978.1, |
| 3816970.2,  | 1019.8,    | 1032.9, | 0.0);   |       |             |
| ( 391968.8, | 3816948.4, | 1025.0, | 1032.9, | 0.0); | ( 391959.5, |
| 3816926.5,  | 1025.2,    | 1032.9, | 0.0);   |       |             |
| ( 391950.1, | 3816904.7, | 1024.9, | 1032.9, | 0.0); | ( 391940.8, |
| 3816882.8,  | 1022.2,    | 1032.9, | 0.0);   |       |             |
| ( 391931.5, | 3816861.0, | 1019.1, | 1032.9, | 0.0); | ( 391922.1, |
| 3816839.2,  | 1019.2,    | 1031.8, | 0.0);   |       |             |
| ( 391912.8, | 3816817.3, | 1016.4, | 1032.9, | 0.0); | ( 391903.4, |
| 3816795.5,  | 1011.8,    | 1032.9, | 0.0);   |       |             |
| ( 391894.1, | 3816773.7, | 1008.9, | 1032.9, | 0.0); | ( 391884.8, |
| 3816751.8,  | 1006.4,    | 1034.2, | 0.0);   |       |             |
| ( 391875.4, | 3816730.0, | 1007.0, | 1034.2, | 0.0); | ( 391866.1, |
| 3816708.2,  | 1012.6,    | 1034.2, | 0.0);   |       |             |
| ( 391856.8, | 3816686.3, | 1019.4, | 1027.3, | 0.0); | ( 391847.4, |
| 3816664.5,  | 1023.0,    | 1027.2, | 0.0);   |       |             |
| ( 391838.1, | 3816642.6, | 1021.0, | 1027.3, | 0.0); | ( 391828.8, |
| 3816620.8,  | 1018.4,    | 1034.2, | 0.0);   |       |             |
| ( 391819.4, | 3816599.0, | 1018.6, | 1034.2, | 0.0); | ( 391810.1, |
| 3816577.1,  | 1023.1,    | 1034.2, | 0.0);   |       |             |
| ( 391800.8, | 3816555.3, | 1027.7, | 1034.2, | 0.0); | ( 391791.4, |
| 3816533.5,  | 1031.8,    | 1034.1, | 0.0);   |       |             |
| ( 394592.5, | 3819305.4, | 1098.6, | 1439.5, | 0.0); | ( 394616.4, |
| 3819305.7,  | 1100.8,    | 1439.5, | 0.0);   |       |             |
| ( 394640.4, | 3819306.0, | 1103.9, | 1439.5, | 0.0); | ( 394664.3, |
| 3819306.4,  | 1103.5,    | 1439.5, | 0.0);   |       |             |
| ( 394688.2, | 3819306.7, | 1101.7, | 1439.5, | 0.0); | ( 394712.1, |
| 3819307.0,  | 1102.1,    | 1439.5, | 0.0);   |       |             |
| ( 394736.1, | 3819307.4, | 1103.8, | 1439.5, | 0.0); | ( 394760.0, |
| 3819307.7,  | 1102.3,    | 1439.5, | 0.0);   |       |             |
| ( 394784.0, | 3819308.0, | 1096.3, | 1439.5, | 0.0); | ( 394807.9, |
| 3819308.3,  | 1089.7,    | 1439.5, | 0.0);   |       |             |
| ( 394831.8, | 3819308.7, | 1085.1, | 1439.5, | 0.0); | ( 394855.7, |
| 3819309.0,  | 1082.5,    | 1439.5, | 0.0);   |       |             |
| ( 394879.7, | 3819309.3, | 1081.7, | 1439.5, | 0.0); | ( 394903.6, |
| 3819309.6,  | 1081.0,    | 1439.5, | 0.0);   |       |             |
| ( 394927.5, | 3819310.0, | 1079.0, | 1439.5, | 0.0); | ( 394951.5, |
| 3819310.3,  | 1077.1,    | 1439.5, | 0.0);   |       |             |
| ( 394975.4, | 3819310.6, | 1076.6, | 1439.5, | 0.0); | ( 394999.3, |
| 3819311.0,  | 1077.1,    | 1439.5, | 0.0);   |       |             |
| ( 395023.3, | 3819311.3, | 1078.0, | 1439.5, | 0.0); | ( 394563.6, |
| 3819796.1,  | 1112.6,    | 1439.5, | 0.0);   |       |             |
| ( 394541.5, | 3819786.8, | 1115.8, | 1439.5, | 0.0); | ( 394519.5, |
| 3819777.5,  | 1119.1,    | 1439.5, | 0.0);   |       |             |
| ( 394497.4, | 3819768.2, | 1122.4, | 1439.5, | 0.0); | ( 394475.4, |
| 3819759.0,  | 1126.0,    | 1439.5, | 0.0);   |       |             |
| ( 394453.3, | 3819749.7, | 1129.8, | 1439.5, | 0.0); | ( 394431.3, |
| 3819740.4,  | 1134.0,    | 1439.5, | 0.0);   |       |             |
| ( 394409.2, | 3819731.1, | 1139.2, | 1439.5, | 0.0); | ( 394387.1, |

```

3819721.9, 1146.1, 1439.5, 0.0);
(394365.1, 3819712.6, 1154.5, 1439.5, 0.0); (394343.0,
3819703.3, 1163.6, 1439.5, 0.0);
(394321.0, 3819694.0, 1172.5, 1439.5, 0.0); (394298.9,
3819684.8, 1178.6, 1439.5, 0.0);
(394276.9, 3819675.5, 1179.4, 1439.5, 0.0); (394254.8,
3819666.2, 1175.8, 1439.5, 0.0);
(394232.8, 3819656.9, 1169.8, 1439.5, 0.0); (394210.7,
3819647.7, 1163.3, 1439.5, 0.0);
(394188.6, 3819638.4, 1157.2, 1439.5, 0.0); (394166.6,
3819629.1, 1150.6, 1439.5, 0.0);
(394144.5, 3819619.8, 1143.4, 1439.5, 0.0); (394122.5,
3819610.6, 1136.1, 1439.5, 0.0);
(394100.4, 3819601.3, 1129.5, 1439.5, 0.0); (394078.4,
3819592.0, 1122.8, 1439.5, 0.0);
(394056.3, 3819582.8, 1116.8, 1439.5, 0.0); (394034.2,
3819573.5, 1110.4, 1439.5, 0.0);
(394012.2, 3819564.2, 1101.6, 1439.5, 0.0); (393990.1,
3819554.9, 1093.9, 1439.5, 0.0);
(393968.1, 3819545.6, 1092.7, 1439.5, 0.0); (393946.0,
3819536.4, 1099.6, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 19

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393924.0, 3819527.1, 1107.6, 1439.5, 0.0); (393901.9,
3819517.8, 1114.0, 1439.5, 0.0);
(393879.9, 3819508.5, 1115.0, 1439.5, 0.0); (393857.8,
3819499.3, 1110.8, 1439.5, 0.0);
(393835.8, 3819490.0, 1105.5, 1439.5, 0.0); (393813.7,
3819480.7, 1100.3, 1439.5, 0.0);
(393791.6, 3819471.4, 1098.2, 1439.5, 0.0); (393769.6,
3819462.2, 1096.8, 1439.5, 0.0);
(393747.5, 3819452.9, 1095.1, 1439.5, 0.0); (393725.5,
3819443.6, 1092.8, 1439.5, 0.0);
(393703.4, 3819434.4, 1091.4, 1439.5, 0.0); (393681.4,
3819425.1, 1091.6, 1439.5, 0.0);
(393659.3, 3819415.8, 1090.3, 1439.5, 0.0); (393637.2,
3819406.5, 1089.6, 1439.5, 0.0);
(393615.2, 3819397.3, 1089.5, 1439.5, 0.0); (393593.1,
3819388.0, 1089.2, 1439.5, 0.0);
(393571.1, 3819378.7, 1090.6, 1439.5, 0.0); (393549.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819369.4,  | 1093.3,    | 1439.5, | 0.0);   |       |             |
| ( 393527.0, | 3819360.2, | 1095.5, | 1439.5, | 0.0); | ( 393504.9, |
| 3819350.9,  | 1096.2,    | 1439.5, | 0.0);   |       |             |
| ( 393482.8, | 3819341.6, | 1096.5, | 1439.5, | 0.0); | ( 393460.8, |
| 3819332.3,  | 1097.3,    | 1439.5, | 0.0);   |       |             |
| ( 393438.7, | 3819323.1, | 1096.2, | 1439.5, | 0.0); | ( 393416.7, |
| 3819313.8,  | 1095.5,    | 1439.5, | 0.0);   |       |             |
| ( 393394.6, | 3819304.5, | 1096.1, | 1439.5, | 0.0); | ( 393372.6, |
| 3819295.2,  | 1096.4,    | 1439.5, | 0.0);   |       |             |
| ( 393350.5, | 3819286.0, | 1096.2, | 1439.5, | 0.0); | ( 393328.5, |
| 3819276.7,  | 1098.9,    | 1439.5, | 0.0);   |       |             |
| ( 393306.4, | 3819267.4, | 1101.4, | 1439.5, | 0.0); | ( 393284.3, |
| 3819258.1,  | 1103.1,    | 1439.5, | 0.0);   |       |             |
| ( 393262.3, | 3819248.9, | 1104.2, | 1439.5, | 0.0); | ( 393240.2, |
| 3819239.6,  | 1104.0,    | 1439.5, | 0.0);   |       |             |
| ( 393218.2, | 3819230.3, | 1102.0, | 1439.5, | 0.0); | ( 393196.1, |
| 3819221.0,  | 1102.4,    | 1439.5, | 0.0);   |       |             |
| ( 393174.1, | 3819211.8, | 1100.2, | 1439.5, | 0.0); | ( 393152.0, |
| 3819202.5,  | 1096.1,    | 1439.5, | 0.0);   |       |             |
| ( 393130.0, | 3819193.2, | 1092.3, | 1439.5, | 0.0); | ( 393107.9, |
| 3819183.9,  | 1090.7,    | 1439.5, | 0.0);   |       |             |
| ( 393085.8, | 3819174.7, | 1090.4, | 1439.5, | 0.0); | ( 393063.8, |
| 3819165.4,  | 1090.7,    | 1439.5, | 0.0);   |       |             |
| ( 393041.7, | 3819156.1, | 1088.0, | 1439.5, | 0.0); | ( 393019.7, |
| 3819146.8,  | 1080.8,    | 1439.5, | 0.0);   |       |             |
| ( 392997.6, | 3819137.6, | 1071.5, | 1439.5, | 0.0); | ( 392975.6, |
| 3819128.3,  | 1065.4,    | 1439.5, | 0.0);   |       |             |
| ( 392953.5, | 3819119.0, | 1063.5, | 1439.5, | 0.0); | ( 392931.5, |
| 3819109.7,  | 1062.1,    | 1439.5, | 0.0);   |       |             |
| ( 392909.4, | 3819100.5, | 1062.5, | 1439.5, | 0.0); | ( 392887.3, |
| 3819091.2,  | 1066.8,    | 1439.5, | 0.0);   |       |             |
| ( 392865.3, | 3819081.9, | 1070.0, | 1439.5, | 0.0); | ( 392843.2, |
| 3819072.6,  | 1071.4,    | 1439.5, | 0.0);   |       |             |
| ( 392821.2, | 3819063.4, | 1070.8, | 1439.5, | 0.0); | ( 392799.1, |
| 3819054.1,  | 1067.3,    | 1439.5, | 0.0);   |       |             |
| ( 392777.1, | 3819044.8, | 1064.8, | 1439.5, | 0.0); | ( 392755.0, |
| 3819035.5,  | 1063.6,    | 1439.5, | 0.0);   |       |             |
| ( 392733.0, | 3819026.3, | 1062.4, | 1439.5, | 0.0); | ( 392710.9, |
| 3819017.0,  | 1060.7,    | 1439.5, | 0.0);   |       |             |
| ( 392688.8, | 3819007.7, | 1056.1, | 1439.5, | 0.0); | ( 392666.8, |
| 3818998.4,  | 1049.0,    | 1439.5, | 0.0);   |       |             |
| ( 392644.7, | 3818989.2, | 1042.8, | 1439.5, | 0.0); | ( 392622.7, |
| 3818979.9,  | 1037.9,    | 1439.5, | 0.0);   |       |             |
| ( 392600.6, | 3818970.6, | 1034.5, | 1439.5, | 0.0); | ( 392578.6, |
| 3818961.3,  | 1032.0,    | 1439.5, | 0.0);   |       |             |
| ( 392556.5, | 3818952.1, | 1029.7, | 1439.5, | 0.0); | ( 392534.4, |
| 3818942.8,  | 1026.6,    | 1439.5, | 0.0);   |       |             |
| ( 392512.4, | 3818933.5, | 1024.3, | 1439.5, | 0.0); | ( 392490.3, |
| 3818924.2,  | 1021.8,    | 1439.5, | 0.0);   |       |             |
| ( 392468.3, | 3818915.0, | 1019.3, | 1439.5, | 0.0); | ( 392446.2, |



```

3818905.7, 1017.4, 1439.5, 0.0);
(392424.2, 3818896.4, 1015.9, 1439.5, 0.0); (392402.1,
3818887.1, 1014.5, 1439.5, 0.0);
(392380.0, 3818877.9, 1013.2, 1439.5, 0.0); (392358.0,
3818868.6, 1013.4, 1439.5, 0.0);
(392335.9, 3818859.3, 1013.8, 1439.5, 0.0); (392313.9,
3818850.0, 1014.4, 1439.5, 0.0);
(392291.8, 3818840.8, 1014.4, 1439.5, 0.0); (392260.4,
3818809.5, 1012.0, 1439.5, 0.0);
(392251.0, 3818787.5, 1010.3, 1439.5, 0.0); (392241.6,
3818765.5, 1008.7, 1439.5, 0.0);
(392232.1, 3818743.5, 1007.1, 1439.5, 0.0); (392222.7,
3818721.5, 1005.6, 1439.5, 0.0);
(392213.3, 3818699.5, 1004.0, 1439.5, 0.0); (392203.9,
3818677.5, 1002.4, 1439.5, 0.0);
(392194.5, 3818655.5, 1001.0, 1439.5, 0.0); (392185.1,
3818633.5, 999.6, 1439.5, 0.0);
(392175.7, 3818611.5, 998.2, 1439.5, 0.0); (392166.3,
3818589.5, 996.9, 1439.5, 0.0);
(392156.9, 3818567.5, 995.4, 1439.5, 0.0); (392147.5,
3818545.5, 994.0, 1439.5, 0.0);
(392138.1, 3818523.5, 992.5, 1439.5, 0.0); (392128.7,
3818501.5, 990.9, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 20

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392119.3, 3818479.5, 989.4, 1439.5, 0.0); (392109.9,
3818457.5, 987.9, 1439.5, 0.0);
(392100.5, 3818435.5, 986.4, 1439.5, 0.0); (392091.1,
3818413.5, 984.7, 1439.5, 0.0);
(392081.7, 3818391.5, 983.6, 1439.5, 0.0); (392072.2,
3818369.5, 983.5, 1439.5, 0.0);
(392062.8, 3818347.5, 983.9, 1439.5, 0.0); (392053.4,
3818325.5, 984.8, 1439.5, 0.0);
(392044.0, 3818303.5, 985.7, 1439.5, 0.0); (392034.6,
3818281.5, 985.7, 1439.5, 0.0);
(392025.2, 3818259.5, 983.5, 1439.5, 0.0); (392015.8,
3818237.5, 980.4, 1439.5, 0.0);
(392006.4, 3818215.5, 977.9, 1439.5, 0.0); (391997.0,
3818193.5, 976.1, 1439.5, 0.0);
(391987.6, 3818171.5, 975.2, 1439.5, 0.0); (391978.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818149.5,  | 974.8,     | 1439.5, | 0.0);   |       |             |
| ( 391968.8, | 3818127.5, | 972.8,  | 1439.5, | 0.0); | ( 391959.4, |
| 3818105.5,  | 970.9,     | 1439.5, | 0.0);   |       |             |
| ( 391950.0, | 3818083.5, | 969.9,  | 1439.5, | 0.0); | ( 391940.6, |
| 3818061.5,  | 969.5,     | 1439.5, | 0.0);   |       |             |
| ( 391931.2, | 3818039.5, | 968.0,  | 1439.5, | 0.0); | ( 391921.8, |
| 3818017.5,  | 966.1,     | 1439.5, | 0.0);   |       |             |
| ( 391912.4, | 3817995.5, | 964.3,  | 1439.5, | 0.0); | ( 391903.0, |
| 3817973.5,  | 963.5,     | 1439.5, | 0.0);   |       |             |
| ( 391893.5, | 3817951.5, | 963.3,  | 1439.5, | 0.0); | ( 391884.1, |
| 3817929.5,  | 962.8,     | 1439.5, | 0.0);   |       |             |
| ( 391874.7, | 3817907.5, | 962.0,  | 1439.5, | 0.0); | ( 391865.3, |
| 3817885.5,  | 962.0,     | 1439.5, | 0.0);   |       |             |
| ( 391855.9, | 3817863.5, | 962.1,  | 1439.5, | 0.0); | ( 391846.5, |
| 3817841.5,  | 961.8,     | 1439.5, | 0.0);   |       |             |
| ( 391837.1, | 3817819.5, | 960.3,  | 1439.5, | 0.0); | ( 391827.7, |
| 3817797.5,  | 958.4,     | 1439.5, | 0.0);   |       |             |
| ( 391818.3, | 3817775.5, | 957.2,  | 1439.5, | 0.0); | ( 391808.9, |
| 3817753.5,  | 957.7,     | 1439.5, | 0.0);   |       |             |
| ( 391799.5, | 3817731.5, | 959.5,  | 1439.5, | 0.0); | ( 391790.1, |
| 3817709.5,  | 961.1,     | 1439.5, | 0.0);   |       |             |
| ( 391780.7, | 3817687.5, | 962.4,  | 1439.5, | 0.0); | ( 391771.3, |
| 3817665.5,  | 963.1,     | 1439.5, | 0.0);   |       |             |
| ( 391761.9, | 3817643.5, | 963.6,  | 1439.5, | 0.0); | ( 391752.5, |
| 3817621.5,  | 963.1,     | 1439.5, | 0.0);   |       |             |
| ( 391743.0, | 3817599.5, | 960.8,  | 1439.5, | 0.0); | ( 391733.6, |
| 3817577.5,  | 956.6,     | 1439.5, | 0.0);   |       |             |
| ( 391724.2, | 3817555.5, | 952.3,  | 1439.5, | 0.0); | ( 391714.8, |
| 3817533.5,  | 948.8,     | 1439.5, | 0.0);   |       |             |
| ( 391705.4, | 3817511.5, | 945.9,  | 1439.5, | 0.0); | ( 391696.0, |
| 3817489.5,  | 942.8,     | 1439.5, | 0.0);   |       |             |
| ( 391686.6, | 3817467.5, | 939.7,  | 1439.5, | 0.0); | ( 391677.2, |
| 3817445.5,  | 935.7,     | 1439.5, | 0.0);   |       |             |
| ( 391667.8, | 3817423.5, | 932.3,  | 1439.5, | 0.0); | ( 391658.4, |
| 3817401.5,  | 929.5,     | 1439.5, | 0.0);   |       |             |
| ( 391649.0, | 3817379.5, | 927.7,  | 1439.5, | 0.0); | ( 391639.6, |
| 3817357.5,  | 927.6,     | 1439.5, | 0.0);   |       |             |
| ( 391630.2, | 3817335.5, | 924.6,  | 1439.5, | 0.0); | ( 391620.8, |
| 3817313.5,  | 920.5,     | 1439.5, | 0.0);   |       |             |
| ( 391611.4, | 3817291.5, | 916.8,  | 1439.5, | 0.0); | ( 391602.0, |
| 3817269.5,  | 915.8,     | 1439.5, | 0.0);   |       |             |
| ( 391592.6, | 3817247.5, | 914.7,  | 1439.5, | 0.0); | ( 391583.2, |
| 3817225.5,  | 914.1,     | 1439.5, | 0.0);   |       |             |
| ( 391573.8, | 3817203.5, | 913.8,  | 1439.5, | 0.0); | ( 391564.3, |
| 3817181.5,  | 913.8,     | 1439.5, | 0.0);   |       |             |
| ( 391554.9, | 3817159.5, | 914.1,  | 1439.5, | 0.0); | ( 391545.5, |
| 3817137.5,  | 914.7,     | 1439.5, | 0.0);   |       |             |
| ( 391536.1, | 3817115.5, | 914.6,  | 1439.5, | 0.0); | ( 391526.7, |
| 3817093.5,  | 914.8,     | 1439.5, | 0.0);   |       |             |
| ( 391517.3, | 3817071.5, | 916.1,  | 1439.5, | 0.0); | ( 391507.9, |

```

3817049.5, 920.6, 1439.5, 0.0);
 (391498.5, 3817027.5, 926.1, 1439.5, 0.0); (391489.1,
3817005.5, 932.1, 1439.5, 0.0);
 (391479.7, 3816983.5, 937.6, 1439.5, 0.0); (391470.3,
3816961.5, 939.8, 1439.5, 0.0);
 (391460.9, 3816939.5, 939.6, 1439.5, 0.0); (391451.5,
3816917.5, 936.9, 1439.5, 0.0);
 (391442.1, 3816895.5, 932.0, 1439.5, 0.0); (391432.7,
3816873.5, 927.2, 1439.5, 0.0);
 (391423.3, 3816851.5, 923.7, 1439.5, 0.0); (391413.9,
3816829.5, 920.9, 1439.5, 0.0);
 (391404.5, 3816807.5, 920.7, 1439.5, 0.0); (391395.0,
3816785.5, 921.1, 1439.5, 0.0);
 (391385.6, 3816763.4, 921.1, 1439.5, 0.0); (391376.2,
3816741.4, 920.4, 1439.5, 0.0);
 (391366.8, 3816719.4, 919.9, 1439.5, 0.0); (391357.4,
3816697.4, 921.6, 1439.5, 0.0);
 (391348.0, 3816675.4, 924.7, 1439.5, 0.0); (391338.6,
3816653.4, 924.6, 1439.5, 0.0);
 (391329.2, 3816631.4, 921.2, 1439.5, 0.0); (391319.8,
3816609.4, 917.3, 1439.5, 0.0);
 (391310.4, 3816587.4, 914.2, 1439.5, 0.0); (391301.0,
3816565.4, 912.4, 1439.5, 0.0);
 (391291.6, 3816543.4, 910.1, 1439.5, 0.0); (394585.6,
3819805.3, 1109.8, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 21

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394609.6, 3819805.7, 1107.9, 1439.5, 0.0); (394633.5,
3819806.0, 1106.6, 1439.5, 0.0);
 (394657.4, 3819806.3, 1105.6, 1439.5, 0.0); (394681.4,
3819806.7, 1104.9, 1439.5, 0.0);
 (394705.3, 3819807.0, 1104.2, 1439.5, 0.0); (394729.2,
3819807.3, 1103.1, 1439.5, 0.0);
 (394753.2, 3819807.6, 1102.1, 1439.5, 0.0); (394777.1,
3819808.0, 1101.6, 1439.5, 0.0);
 (394801.0, 3819808.3, 1101.4, 1439.5, 0.0); (394825.0,
3819808.6, 1102.8, 1439.5, 0.0);
 (394848.9, 3819808.9, 1106.4, 1439.5, 0.0); (394872.8,
3819809.3, 1111.6, 1439.5, 0.0);
 (394896.8, 3819809.6, 1117.9, 1439.5, 0.0); (394920.7,

```

3819809.9, 1124.1, 1439.5, 0.0);  
( 394944.6, 3819810.3, 1129.1, 1439.5, 0.0); ( 394968.5,  
3819810.6, 1132.7, 1439.5, 0.0);  
( 394992.5, 3819810.9, 1135.9, 1439.5, 0.0); ( 395016.4,  
3819811.2, 1138.5, 1439.5, 0.0);  
( 394556.8, 3820296.0, 1136.6, 1439.5, 0.0); ( 394534.8,  
3820286.8, 1138.3, 1439.5, 0.0);  
( 394512.8, 3820277.5, 1139.7, 1439.5, 0.0); ( 394490.8,  
3820268.3, 1140.6, 1439.5, 0.0);  
( 394468.8, 3820259.0, 1141.3, 1439.5, 0.0); ( 394446.8,  
3820249.8, 1142.3, 1439.5, 0.0);  
( 394424.8, 3820240.5, 1142.8, 1439.5, 0.0); ( 394402.8,  
3820231.3, 1142.9, 1439.5, 0.0);  
( 394380.8, 3820222.0, 1142.8, 1439.5, 0.0); ( 394358.8,  
3820212.8, 1142.8, 1439.5, 0.0);  
( 394336.8, 3820203.5, 1142.7, 1439.5, 0.0); ( 394314.8,  
3820194.3, 1142.7, 1439.5, 0.0);  
( 394292.8, 3820185.0, 1142.8, 1439.5, 0.0); ( 394270.9,  
3820175.8, 1142.7, 1439.5, 0.0);  
( 394248.9, 3820166.6, 1142.6, 1439.5, 0.0); ( 394226.9,  
3820157.3, 1142.7, 1439.5, 0.0);  
( 394204.9, 3820148.1, 1143.0, 1439.5, 0.0); ( 394182.9,  
3820138.8, 1143.2, 1439.5, 0.0);  
( 394160.9, 3820129.6, 1143.2, 1439.5, 0.0); ( 394138.9,  
3820120.3, 1143.1, 1439.5, 0.0);  
( 394116.9, 3820111.1, 1143.2, 1439.5, 0.0); ( 394094.9,  
3820101.8, 1143.9, 1439.5, 0.0);  
( 394072.9, 3820092.6, 1146.1, 1439.5, 0.0); ( 394050.9,  
3820083.3, 1149.4, 1439.5, 0.0);  
( 394028.9, 3820074.1, 1152.1, 1439.5, 0.0); ( 394006.9,  
3820064.8, 1154.5, 1439.5, 0.0);  
( 393984.9, 3820055.6, 1156.5, 1439.5, 0.0); ( 393962.9,  
3820046.3, 1158.5, 1439.5, 0.0);  
( 393940.9, 3820037.1, 1161.0, 1439.5, 0.0); ( 393918.9,  
3820027.8, 1164.3, 1439.5, 0.0);  
( 393896.9, 3820018.6, 1168.5, 1439.5, 0.0); ( 393874.9,  
3820009.3, 1173.0, 1439.5, 0.0);  
( 393852.9, 3820000.1, 1178.0, 1439.5, 0.0); ( 393830.9,  
3819990.8, 1183.9, 1439.5, 0.0);  
( 393808.9, 3819981.6, 1190.6, 1439.5, 0.0); ( 393786.9,  
3819972.3, 1198.0, 1439.5, 0.0);  
( 393765.0, 3819963.1, 1206.6, 1439.5, 0.0); ( 393743.0,  
3819953.8, 1216.6, 1439.5, 0.0);  
( 393721.0, 3819944.6, 1228.1, 1439.5, 0.0); ( 393699.0,  
3819935.3, 1239.6, 1439.5, 0.0);  
( 393677.0, 3819926.1, 1250.5, 1439.5, 0.0); ( 393655.0,  
3819916.8, 1262.0, 1439.5, 0.0);  
( 393633.0, 3819907.6, 1271.1, 1439.5, 0.0); ( 393611.0,  
3819898.3, 1274.2, 1439.5, 0.0);  
( 393589.0, 3819889.1, 1262.8, 1439.5, 0.0); ( 393567.0,

```

3819879.8, 1247.0, 1439.5, 0.0);
(393545.0, 3819870.6, 1232.3, 1439.5, 0.0); (393523.0,
3819861.3, 1217.6, 1439.5, 0.0);
(393501.0, 3819852.1, 1203.9, 1439.5, 0.0); (393479.0,
3819842.8, 1191.9, 1439.5, 0.0);
(393457.0, 3819833.6, 1181.0, 1439.5, 0.0); (393435.0,
3819824.3, 1171.1, 1439.5, 0.0);
(393413.0, 3819815.1, 1162.0, 1439.5, 0.0); (393391.0,
3819805.8, 1152.9, 1439.5, 0.0);
(393369.0, 3819796.6, 1144.5, 1439.5, 0.0); (393347.0,
3819787.3, 1137.3, 1439.5, 0.0);
(393325.0, 3819778.1, 1130.7, 1439.5, 0.0); (393303.0,
3819768.8, 1124.8, 1439.5, 0.0);
(393281.0, 3819759.6, 1124.1, 1439.5, 0.0); (393259.0,
3819750.3, 1126.3, 1439.5, 0.0);
(393237.0, 3819741.1, 1129.2, 1439.5, 0.0); (393215.0,
3819731.8, 1132.7, 1439.5, 0.0);
(393193.0, 3819722.6, 1136.5, 1439.5, 0.0); (393171.0,
3819713.3, 1140.2, 1439.5, 0.0);
(393149.0, 3819704.1, 1143.6, 1439.5, 0.0); (393127.1,
3819694.8, 1148.0, 1439.5, 0.0);
(393105.1, 3819685.6, 1147.7, 1439.5, 0.0); (393083.1,
3819676.3, 1141.7, 1439.5, 0.0);
(393061.1, 3819667.1, 1134.0, 1439.5, 0.0); (393039.1,
3819657.8, 1126.2, 1439.5, 0.0);
(393017.1, 3819648.6, 1118.5, 1439.5, 0.0); (392995.1,
3819639.3, 1111.9, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 22

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392973.1, 3819630.1, 1105.7, 1439.5, 0.0); (392951.1,
3819620.8, 1100.6, 1439.5, 0.0);
(392929.1, 3819611.6, 1096.6, 1439.5, 0.0); (392907.1,
3819602.3, 1093.4, 1439.5, 0.0);
(392885.1, 3819593.1, 1090.8, 1439.5, 0.0); (392863.1,
3819583.8, 1088.5, 1439.5, 0.0);
(392841.1, 3819574.6, 1086.5, 1439.5, 0.0); (392819.1,
3819565.3, 1084.6, 1439.5, 0.0);
(392797.1, 3819556.1, 1082.8, 1439.5, 0.0); (392775.1,
3819546.8, 1081.0, 1439.5, 0.0);
(392753.1, 3819537.6, 1079.2, 1439.5, 0.0); (392731.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819528.3,  | 1077.3,    | 1439.5, | 0.0);   |       |             |
| ( 392709.1, | 3819519.1, | 1075.2, | 1439.5, | 0.0); | ( 392687.1, |
| 3819509.8,  | 1072.8,    | 1439.5, | 0.0);   |       |             |
| ( 392665.1, | 3819500.6, | 1070.5, | 1439.5, | 0.0); | ( 392643.1, |
| 3819491.3,  | 1067.6,    | 1439.5, | 0.0);   |       |             |
| ( 392621.1, | 3819482.1, | 1062.3, | 1439.5, | 0.0); | ( 392599.1, |
| 3819472.8,  | 1058.7,    | 1439.5, | 0.0);   |       |             |
| ( 392577.2, | 3819463.6, | 1057.2, | 1439.5, | 0.0); | ( 392555.2, |
| 3819454.3,  | 1058.2,    | 1439.5, | 0.0);   |       |             |
| ( 392533.2, | 3819445.1, | 1060.8, | 1439.5, | 0.0); | ( 392511.2, |
| 3819435.8,  | 1064.4,    | 1439.5, | 0.0);   |       |             |
| ( 392489.2, | 3819426.6, | 1063.4, | 1439.5, | 0.0); | ( 392467.2, |
| 3819417.3,  | 1061.0,    | 1439.5, | 0.0);   |       |             |
| ( 392445.2, | 3819408.1, | 1057.0, | 1439.5, | 0.0); | ( 392423.2, |
| 3819398.8,  | 1052.2,    | 1439.5, | 0.0);   |       |             |
| ( 392401.2, | 3819389.6, | 1047.1, | 1439.5, | 0.0); | ( 392379.2, |
| 3819380.3,  | 1042.3,    | 1439.5, | 0.0);   |       |             |
| ( 392357.2, | 3819371.1, | 1038.4, | 1439.5, | 0.0); | ( 392335.2, |
| 3819361.8,  | 1036.0,    | 1439.5, | 0.0);   |       |             |
| ( 392313.2, | 3819352.6, | 1034.5, | 1439.5, | 0.0); | ( 392291.2, |
| 3819343.3,  | 1033.1,    | 1439.5, | 0.0);   |       |             |
| ( 392269.2, | 3819334.1, | 1032.2, | 1439.5, | 0.0); | ( 392247.2, |
| 3819324.8,  | 1030.4,    | 1439.5, | 0.0);   |       |             |
| ( 392225.2, | 3819315.6, | 1028.2, | 1525.3, | 0.0); | ( 392203.2, |
| 3819306.3,  | 1027.5,    | 1525.3, | 0.0);   |       |             |
| ( 392181.2, | 3819297.1, | 1026.3, | 1525.3, | 0.0); | ( 392159.2, |
| 3819287.8,  | 1025.0,    | 1529.1, | 0.0);   |       |             |
| ( 392137.2, | 3819278.6, | 1024.0, | 1529.1, | 0.0); | ( 392115.2, |
| 3819269.3,  | 1022.7,    | 1529.1, | 0.0);   |       |             |
| ( 392093.2, | 3819260.1, | 1021.2, | 1586.3, | 0.0); | ( 392071.2, |
| 3819250.8,  | 1020.8,    | 1586.8, | 0.0);   |       |             |
| ( 392049.2, | 3819241.6, | 1020.8, | 1586.8, | 0.0); | ( 392027.2, |
| 3819232.3,  | 1018.7,    | 1586.8, | 0.0);   |       |             |
| ( 392005.3, | 3819223.1, | 1019.8, | 1586.8, | 0.0); | ( 391983.3, |
| 3819213.8,  | 1025.5,    | 1586.3, | 0.0);   |       |             |
| ( 391961.3, | 3819204.6, | 1031.6, | 1525.3, | 0.0); | ( 391939.3, |
| 3819195.3,  | 1036.8,    | 1524.6, | 0.0);   |       |             |
| ( 391907.9, | 3819164.2, | 1039.2, | 1439.5, | 0.0); | ( 391898.5, |
| 3819142.2,  | 1032.8,    | 1525.3, | 0.0);   |       |             |
| ( 391889.1, | 3819120.3, | 1025.6, | 1529.1, | 0.0); | ( 391879.8, |
| 3819098.3,  | 1018.6,    | 1586.8, | 0.0);   |       |             |
| ( 391870.4, | 3819076.4, | 1012.1, | 1586.8, | 0.0); | ( 391861.0, |
| 3819054.5,  | 1008.5,    | 1586.8, | 0.0);   |       |             |
| ( 391851.6, | 3819032.5, | 1006.1, | 1586.8, | 0.0); | ( 391842.2, |
| 3819010.6,  | 1003.2,    | 1586.8, | 0.0);   |       |             |
| ( 391832.8, | 3818988.6, | 1000.8, | 1586.8, | 0.0); | ( 391823.5, |
| 3818966.7,  | 998.5,     | 1586.8, | 0.0);   |       |             |
| ( 391814.1, | 3818944.8, | 996.7,  | 1586.8, | 0.0); | ( 391804.7, |
| 3818922.8,  | 995.5,     | 1586.8, | 0.0);   |       |             |
| ( 391795.3, | 3818900.9, | 994.1,  | 1586.8, | 0.0); | ( 391786.0, |

```

3818878.9, 993.0, 1586.8, 0.0);
 (391776.6, 3818857.0, 991.7, 1586.8, 0.0); (391767.2,
3818835.0, 990.4, 1586.8, 0.0);
 (391757.8, 3818813.1, 989.4, 1586.8, 0.0); (391748.4,
3818791.2, 988.2, 1586.8, 0.0);
 (391739.0, 3818769.2, 986.8, 1586.8, 0.0); (391729.7,
3818747.3, 985.9, 1586.8, 0.0);
 (391720.3, 3818725.3, 984.6, 1586.8, 0.0); (391710.9,
3818703.4, 983.2, 1586.8, 0.0);
 (391701.5, 3818681.5, 982.1, 1586.8, 0.0); (391692.1,
3818659.5, 980.9, 1586.8, 0.0);
 (391682.8, 3818637.6, 979.5, 1586.8, 0.0); (391673.4,
3818615.6, 978.3, 1586.8, 0.0);
 (391664.0, 3818593.7, 976.8, 1586.8, 0.0); (391654.6,
3818571.8, 975.9, 1586.8, 0.0);
 (391645.2, 3818549.8, 975.2, 1586.8, 0.0); (391635.9,
3818527.9, 973.5, 1586.8, 0.0);
 (391626.5, 3818505.9, 972.4, 1586.8, 0.0); (391617.1,
3818484.0, 970.6, 1586.8, 0.0);
 (391607.7, 3818462.1, 968.6, 1586.8, 0.0); (391598.3,
3818440.1, 967.6, 1586.8, 0.0);
 (391589.0, 3818418.2, 966.7, 1586.8, 0.0); (391579.6,
3818396.2, 964.9, 1586.8, 0.0);
 (391570.2, 3818374.3, 963.7, 1586.8, 0.0); (391560.8,
3818352.3, 962.5, 1586.8, 0.0);
 (391551.5, 3818330.4, 961.9, 1586.8, 0.0); (391542.1,
3818308.5, 962.5, 1586.8, 0.0);
 (391532.7, 3818286.5, 964.8, 1586.8, 0.0); (391523.3,
3818264.6, 965.2, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 23

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (391513.9, 3818242.6, 963.7, 1586.8, 0.0); (391504.5,
3818220.7, 960.4, 1586.8, 0.0);
 (391495.2, 3818198.8, 956.2, 1586.8, 0.0); (391485.8,
3818176.8, 952.9, 1586.8, 0.0);
 (391476.4, 3818154.9, 951.1, 1586.8, 0.0); (391467.0,
3818132.9, 952.4, 1586.8, 0.0);
 (391457.6, 3818111.0, 952.4, 1586.8, 0.0); (391448.3,
3818089.1, 952.1, 1586.8, 0.0);
 (391438.9, 3818067.1, 953.3, 1586.8, 0.0); (391429.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818045.2,  | 952.8,     | 1586.8, | 0.0);   |       |             |
| ( 391420.1, | 3818023.2, | 950.8,  | 1586.8, | 0.0); | ( 391410.7, |
| 3818001.3,  | 947.7,     | 1586.8, | 0.0);   |       |             |
| ( 391401.4, | 3817979.4, | 947.3,  | 1586.8, | 0.0); | ( 391392.0, |
| 3817957.4,  | 948.3,     | 1586.8, | 0.0);   |       |             |
| ( 391382.6, | 3817935.5, | 949.4,  | 1586.8, | 0.0); | ( 391373.2, |
| 3817913.5,  | 948.8,     | 1586.8, | 0.0);   |       |             |
| ( 391363.8, | 3817891.6, | 947.5,  | 1586.8, | 0.0); | ( 391354.5, |
| 3817869.6,  | 947.4,     | 1586.8, | 0.0);   |       |             |
| ( 391345.1, | 3817847.7, | 949.3,  | 1439.5, | 0.0); | ( 391335.7, |
| 3817825.8,  | 949.4,     | 1439.5, | 0.0);   |       |             |
| ( 391326.3, | 3817803.8, | 946.9,  | 1439.5, | 0.0); | ( 391316.9, |
| 3817781.9,  | 943.9,     | 1586.3, | 0.0);   |       |             |
| ( 391307.6, | 3817759.9, | 942.3,  | 1586.3, | 0.0); | ( 391298.2, |
| 3817738.0,  | 941.6,     | 1439.5, | 0.0);   |       |             |
| ( 391288.8, | 3817716.1, | 940.8,  | 1439.5, | 0.0); | ( 391279.4, |
| 3817694.1,  | 939.4,     | 1439.5, | 0.0);   |       |             |
| ( 391270.0, | 3817672.2, | 937.4,  | 1439.5, | 0.0); | ( 391260.7, |
| 3817650.2,  | 935.7,     | 1439.5, | 0.0);   |       |             |
| ( 391251.3, | 3817628.3, | 933.9,  | 1439.5, | 0.0); | ( 391241.9, |
| 3817606.4,  | 932.2,     | 1439.5, | 0.0);   |       |             |
| ( 391232.5, | 3817584.4, | 930.0,  | 1586.3, | 0.0); | ( 391223.1, |
| 3817562.5,  | 927.8,     | 1586.3, | 0.0);   |       |             |
| ( 391213.8, | 3817540.5, | 925.5,  | 1586.3, | 0.0); | ( 391204.4, |
| 3817518.6,  | 923.9,     | 1586.3, | 0.0);   |       |             |
| ( 391195.0, | 3817496.7, | 922.4,  | 1586.3, | 0.0); | ( 391185.6, |
| 3817474.7,  | 920.9,     | 1586.3, | 0.0);   |       |             |
| ( 391176.2, | 3817452.8, | 919.8,  | 1586.3, | 0.0); | ( 391166.9, |
| 3817430.8,  | 917.3,     | 1586.8, | 0.0);   |       |             |
| ( 391157.5, | 3817408.9, | 913.6,  | 1586.8, | 0.0); | ( 391148.1, |
| 3817387.0,  | 908.9,     | 1586.8, | 0.0);   |       |             |
| ( 391138.7, | 3817365.0, | 906.1,  | 1586.8, | 0.0); | ( 391129.3, |
| 3817343.1,  | 904.0,     | 1586.8, | 0.0);   |       |             |
| ( 391120.0, | 3817321.1, | 902.4,  | 1586.8, | 0.0); | ( 391110.6, |
| 3817299.2,  | 900.9,     | 1586.8, | 0.0);   |       |             |
| ( 391101.2, | 3817277.2, | 900.1,  | 1586.8, | 0.0); | ( 391091.8, |
| 3817255.3,  | 898.8,     | 1586.8, | 0.0);   |       |             |
| ( 391082.4, | 3817233.4, | 897.6,  | 1586.8, | 0.0); | ( 391073.1, |
| 3817211.4,  | 896.7,     | 1586.8, | 0.0);   |       |             |
| ( 391063.7, | 3817189.5, | 895.6,  | 1586.8, | 0.0); | ( 391054.3, |
| 3817167.5,  | 894.6,     | 1586.8, | 0.0);   |       |             |
| ( 391044.9, | 3817145.6, | 893.7,  | 1586.8, | 0.0); | ( 391035.5, |
| 3817123.7,  | 892.9,     | 1586.8, | 0.0);   |       |             |
| ( 391026.2, | 3817101.7, | 892.1,  | 1586.8, | 0.0); | ( 391016.8, |
| 3817079.8,  | 891.2,     | 1586.8, | 0.0);   |       |             |
| ( 391007.4, | 3817057.8, | 890.9,  | 1586.3, | 0.0); | ( 390998.0, |
| 3817035.9,  | 890.3,     | 1586.3, | 0.0);   |       |             |
| ( 390988.6, | 3817014.0, | 889.1,  | 1439.5, | 0.0); | ( 390979.3, |
| 3816992.0,  | 887.7,     | 1439.5, | 0.0);   |       |             |
| ( 390969.9, | 3816970.1, | 886.4,  | 1439.5, | 0.0); | ( 390960.5, |



```

3816948.1, 885.4, 1439.5, 0.0);
 (390951.1, 3816926.2, 884.6, 1439.5, 0.0); (390941.7,
3816904.3, 884.3, 1439.5, 0.0);
 (390932.4, 3816882.3, 884.2, 1439.5, 0.0); (390923.0,
3816860.4, 883.6, 1439.5, 0.0);
 (390913.6, 3816838.4, 881.7, 1439.5, 0.0); (390904.2,
3816816.5, 880.5, 1439.5, 0.0);
 (390894.8, 3816794.6, 879.8, 1439.5, 0.0); (390885.5,
3816772.6, 879.3, 1439.5, 0.0);
 (390876.1, 3816750.7, 878.3, 1439.5, 0.0); (390866.7,
3816728.7, 878.0, 1439.5, 0.0);
 (390857.3, 3816706.8, 878.3, 1439.5, 0.0); (390847.9,
3816684.8, 879.6, 1439.5, 0.0);
 (390838.5, 3816662.9, 879.1, 1439.5, 0.0); (390829.2,
3816641.0, 878.5, 1439.5, 0.0);
 (390819.8, 3816619.0, 877.6, 1439.5, 0.0); (390810.4,
3816597.1, 876.5, 1439.5, 0.0);
 (390801.0, 3816575.1, 875.5, 1439.5, 0.0); (390791.6,
3816553.2, 874.4, 1439.5, 0.0);
 (394578.8, 3820305.3, 1134.9, 1439.5, 0.0); (394602.7,
3820305.6, 1133.0, 1439.5, 0.0);
 (394626.7, 3820305.9, 1131.6, 1439.5, 0.0); (394650.6,
3820306.3, 1130.7, 1439.5, 0.0);
 (394674.5, 3820306.6, 1130.0, 1439.5, 0.0); (394698.5,
3820306.9, 1129.9, 1439.5, 0.0);
 (394722.4, 3820307.3, 1130.7, 1439.5, 0.0); (394746.3,
3820307.6, 1133.1, 1439.5, 0.0);
 (394770.2, 3820307.9, 1136.9, 1439.5, 0.0); (394794.2,
3820308.2, 1138.8, 1439.5, 0.0);
 (394818.1, 3820308.6, 1136.0, 1439.5, 0.0); (394842.0,
3820308.9, 1131.8, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 24

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394866.0, 3820309.2, 1128.3, 1439.5, 0.0); (394889.9,
3820309.6, 1126.0, 1439.5, 0.0);
 (394913.8, 3820309.9, 1124.0, 1439.5, 0.0); (394937.8,
3820310.2, 1123.4, 1439.5, 0.0);
 (394961.7, 3820310.5, 1123.9, 1439.5, 0.0); (394985.6,
3820310.9, 1124.0, 1439.5, 0.0);
 (395009.6, 3820311.2, 1123.4, 1439.5, 0.0); (394538.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821629.3,  | 1374.8,    | 1379.3, | 0.0);   |       |             |
| ( 394516.6, | 3821620.0, | 1373.9, | 1379.3, | 0.0); | ( 394494.6, |
| 3821610.8,  | 1373.0,    | 1379.3, | 0.0);   |       |             |
| ( 394472.6, | 3821601.5, | 1372.7, | 1375.8, | 0.0); | ( 394450.6, |
| 3821592.3,  | 1370.9,    | 1376.5, | 0.0);   |       |             |
| ( 394428.6, | 3821583.0, | 1369.3, | 1369.3, | 0.0); | ( 394406.7, |
| 3821573.8,  | 1367.5,    | 1369.4, | 0.0);   |       |             |
| ( 394384.7, | 3821564.5, | 1364.3, | 1378.5, | 0.0); | ( 394362.7, |
| 3821555.3,  | 1359.6,    | 1379.4, | 0.0);   |       |             |
| ( 394340.7, | 3821546.1, | 1353.0, | 1379.4, | 0.0); | ( 394318.7, |
| 3821536.8,  | 1343.9,    | 1379.4, | 0.0);   |       |             |
| ( 394296.7, | 3821527.6, | 1332.8, | 1379.4, | 0.0); | ( 394274.8, |
| 3821518.3,  | 1321.5,    | 1400.8, | 0.0);   |       |             |
| ( 394252.8, | 3821509.1, | 1311.8, | 1439.5, | 0.0); | ( 394230.8, |
| 3821499.8,  | 1308.2,    | 1439.5, | 0.0);   |       |             |
| ( 394208.8, | 3821490.6, | 1309.3, | 1439.5, | 0.0); | ( 394186.8, |
| 3821481.4,  | 1312.1,    | 1439.5, | 0.0);   |       |             |
| ( 394164.8, | 3821472.1, | 1318.9, | 1439.5, | 0.0); | ( 394142.9, |
| 3821462.9,  | 1327.3,    | 1439.5, | 0.0);   |       |             |
| ( 394120.9, | 3821453.6, | 1332.8, | 1439.5, | 0.0); | ( 394098.9, |
| 3821444.4,  | 1329.8,    | 1439.5, | 0.0);   |       |             |
| ( 394076.9, | 3821435.1, | 1322.2, | 1439.5, | 0.0); | ( 394054.9, |
| 3821425.9,  | 1313.2,    | 1439.5, | 0.0);   |       |             |
| ( 394032.9, | 3821416.6, | 1305.0, | 1439.5, | 0.0); | ( 394011.0, |
| 3821407.4,  | 1297.9,    | 1439.5, | 0.0);   |       |             |
| ( 393989.0, | 3821398.2, | 1290.3, | 1439.5, | 0.0); | ( 393967.0, |
| 3821388.9,  | 1285.2,    | 1439.5, | 0.0);   |       |             |
| ( 393945.0, | 3821379.7, | 1280.0, | 1439.5, | 0.0); | ( 393923.0, |
| 3821370.4,  | 1274.2,    | 1439.5, | 0.0);   |       |             |
| ( 393901.0, | 3821361.2, | 1269.0, | 1439.5, | 0.0); | ( 393879.1, |
| 3821351.9,  | 1268.2,    | 1439.5, | 0.0);   |       |             |
| ( 393857.1, | 3821342.7, | 1271.5, | 1439.5, | 0.0); | ( 393835.1, |
| 3821333.4,  | 1276.6,    | 1439.5, | 0.0);   |       |             |
| ( 393813.1, | 3821324.2, | 1282.7, | 1439.5, | 0.0); | ( 393791.1, |
| 3821315.0,  | 1288.4,    | 1439.5, | 0.0);   |       |             |
| ( 393769.1, | 3821305.7, | 1294.3, | 1439.5, | 0.0); | ( 393747.2, |
| 3821296.5,  | 1302.7,    | 1439.5, | 0.0);   |       |             |
| ( 393725.2, | 3821287.2, | 1312.7, | 1439.5, | 0.0); | ( 393703.2, |
| 3821278.0,  | 1322.5,    | 1439.5, | 0.0);   |       |             |
| ( 393681.2, | 3821268.7, | 1329.7, | 1439.5, | 0.0); | ( 393659.2, |
| 3821259.5,  | 1328.8,    | 1439.5, | 0.0);   |       |             |
| ( 393637.2, | 3821250.2, | 1323.5, | 1439.5, | 0.0); | ( 393615.3, |
| 3821241.0,  | 1316.0,    | 1439.5, | 0.0);   |       |             |
| ( 393593.3, | 3821231.8, | 1309.8, | 1439.5, | 0.0); | ( 393571.3, |
| 3821222.5,  | 1307.8,    | 1439.5, | 0.0);   |       |             |
| ( 393549.3, | 3821213.3, | 1309.6, | 1439.5, | 0.0); | ( 393527.3, |
| 3821204.0,  | 1312.6,    | 1439.5, | 0.0);   |       |             |
| ( 393505.3, | 3821194.8, | 1319.5, | 1439.5, | 0.0); | ( 393483.4, |
| 3821185.5,  | 1328.9,    | 1439.5, | 0.0);   |       |             |
| ( 393461.4, | 3821176.3, | 1339.5, | 1439.5, | 0.0); | ( 393439.4, |

```

3821167.0, 1348.6, 1439.5, 0.0);
(393417.4, 3821157.8, 1353.3, 1439.5, 0.0); (393395.4,
3821148.6, 1351.3, 1439.5, 0.0);
(393373.5, 3821139.3, 1345.3, 1439.5, 0.0); (393351.5,
3821130.1, 1344.4, 1439.5, 0.0);
(393329.5, 3821120.8, 1348.7, 1439.5, 0.0); (393307.5,
3821111.6, 1361.3, 1439.5, 0.0);
(393285.5, 3821102.3, 1375.2, 1439.5, 0.0); (393263.5,
3821093.1, 1388.8, 1439.5, 0.0);
(393241.5, 3821083.9, 1400.7, 1439.5, 0.0); (393219.6,
3821074.6, 1412.6, 1439.5, 0.0);
(393197.6, 3821065.4, 1423.9, 1439.5, 0.0); (393175.6,
3821056.1, 1432.6, 1439.5, 0.0);
(393153.6, 3821046.9, 1436.5, 1439.5, 0.0); (393131.6,
3821037.6, 1434.1, 1439.5, 0.0);
(393109.6, 3821028.4, 1427.5, 1439.5, 0.0); (393087.7,
3821019.1, 1418.8, 1439.5, 0.0);
(393065.7, 3821009.9, 1409.8, 1439.5, 0.0); (393043.7,
3821000.7, 1400.0, 1439.5, 0.0);
(393021.7, 3820991.4, 1388.7, 1439.5, 0.0); (392999.7,
3820982.2, 1377.4, 1439.5, 0.0);
(392977.8, 3820972.9, 1367.0, 1439.5, 0.0); (392955.8,
3820963.7, 1356.5, 1439.5, 0.0);
(392933.8, 3820954.4, 1346.1, 1439.5, 0.0); (392911.8,
3820945.2, 1337.5, 1439.5, 0.0);
(392889.8, 3820935.9, 1330.5, 1439.5, 0.0); (392867.8,
3820926.7, 1321.4, 1439.5, 0.0);
(392845.8, 3820917.5, 1312.7, 1439.5, 0.0); (392823.9,
3820908.2, 1309.3, 1439.5, 0.0);
(392801.9, 3820899.0, 1311.9, 1439.5, 0.0); (392779.9,
3820889.7, 1315.4, 1439.5, 0.0);
(392757.9, 3820880.5, 1317.2, 1439.5, 0.0); (392735.9,
3820871.2, 1318.9, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 25

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392714.0, 3820862.0, 1320.0, 1439.5, 0.0); (392692.0,
3820852.8, 1316.5, 1439.5, 0.0);
(392670.0, 3820843.5, 1308.7, 1439.5, 0.0); (392648.0,
3820834.3, 1299.2, 1439.5, 0.0);
(392626.0, 3820825.0, 1289.9, 1439.5, 0.0); (392604.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820815.8,  | 1280.9,    | 1439.5, | 0.0);   |       |             |
| ( 392582.0, | 3820806.5, | 1273.8, | 1439.5, | 0.0); | ( 392560.1, |
| 3820797.3,  | 1268.6,    | 1439.5, | 0.0);   |       |             |
| ( 392538.1, | 3820788.0, | 1272.1, | 1439.5, | 0.0); | ( 392516.1, |
| 3820778.8,  | 1280.9,    | 1439.5, | 0.0);   |       |             |
| ( 392494.1, | 3820769.5, | 1290.1, | 1439.5, | 0.0); | ( 392472.1, |
| 3820760.3,  | 1298.3,    | 1439.5, | 0.0);   |       |             |
| ( 392450.1, | 3820751.1, | 1304.6, | 1439.5, | 0.0); | ( 392428.2, |
| 3820741.8,  | 1311.7,    | 1439.5, | 0.0);   |       |             |
| ( 392406.2, | 3820732.6, | 1320.0, | 1439.5, | 0.0); | ( 392384.2, |
| 3820723.3,  | 1329.0,    | 1439.5, | 0.0);   |       |             |
| ( 392362.2, | 3820714.1, | 1337.4, | 1439.5, | 0.0); | ( 392340.2, |
| 3820704.8,  | 1344.6,    | 1439.5, | 0.0);   |       |             |
| ( 392318.2, | 3820695.6, | 1350.7, | 1422.1, | 0.0); | ( 392296.3, |
| 3820686.4,  | 1354.3,    | 1422.1, | 0.0);   |       |             |
| ( 392274.3, | 3820677.1, | 1355.1, | 1422.1, | 0.0); | ( 392252.3, |
| 3820667.9,  | 1353.0,    | 1422.1, | 0.0);   |       |             |
| ( 392230.3, | 3820658.6, | 1347.4, | 1422.1, | 0.0); | ( 392208.3, |
| 3820649.4,  | 1339.6,    | 1422.1, | 0.0);   |       |             |
| ( 392186.3, | 3820640.1, | 1330.9, | 1439.5, | 0.0); | ( 392164.4, |
| 3820630.9,  | 1322.5,    | 1439.5, | 0.0);   |       |             |
| ( 392142.4, | 3820621.6, | 1317.1, | 1439.5, | 0.0); | ( 392120.4, |
| 3820612.4,  | 1314.2,    | 1439.5, | 0.0);   |       |             |
| ( 392098.4, | 3820603.2, | 1305.1, | 1439.5, | 0.0); | ( 392076.4, |
| 3820593.9,  | 1294.5,    | 1439.5, | 0.0);   |       |             |
| ( 392054.5, | 3820584.7, | 1284.1, | 1439.5, | 0.0); | ( 392032.5, |
| 3820575.4,  | 1276.0,    | 1439.5, | 0.0);   |       |             |
| ( 392010.5, | 3820566.2, | 1271.0, | 1439.5, | 0.0); | ( 391988.5, |
| 3820556.9,  | 1269.9,    | 1439.5, | 0.0);   |       |             |
| ( 391966.5, | 3820547.7, | 1267.8, | 1439.5, | 0.0); | ( 391944.5, |
| 3820538.4,  | 1262.8,    | 1439.5, | 0.0);   |       |             |
| ( 391922.5, | 3820529.2, | 1256.9, | 1439.5, | 0.0); | ( 391900.6, |
| 3820520.0,  | 1250.8,    | 1439.5, | 0.0);   |       |             |
| ( 391878.6, | 3820510.7, | 1244.2, | 1439.5, | 0.0); | ( 391856.6, |
| 3820501.5,  | 1235.6,    | 1439.5, | 0.0);   |       |             |
| ( 391834.6, | 3820492.2, | 1226.0, | 1439.5, | 0.0); | ( 391812.6, |
| 3820483.0,  | 1215.8,    | 1439.5, | 0.0);   |       |             |
| ( 391790.6, | 3820473.7, | 1207.8, | 1439.5, | 0.0); | ( 391768.7, |
| 3820464.5,  | 1201.5,    | 1439.5, | 0.0);   |       |             |
| ( 391746.7, | 3820455.2, | 1196.2, | 1439.5, | 0.0); | ( 391724.7, |
| 3820446.0,  | 1190.6,    | 1439.5, | 0.0);   |       |             |
| ( 391702.7, | 3820436.8, | 1183.1, | 1439.5, | 0.0); | ( 391680.7, |
| 3820427.5,  | 1174.1,    | 1439.5, | 0.0);   |       |             |
| ( 391658.8, | 3820418.3, | 1164.1, | 1439.5, | 0.0); | ( 391636.8, |
| 3820409.0,  | 1155.9,    | 1439.5, | 0.0);   |       |             |
| ( 391614.8, | 3820399.8, | 1148.6, | 1525.3, | 0.0); | ( 391592.8, |
| 3820390.5,  | 1141.5,    | 1529.1, | 0.0);   |       |             |
| ( 391570.8, | 3820381.3, | 1135.7, | 1586.8, | 0.0); | ( 391548.8, |
| 3820372.1,  | 1130.5,    | 1586.8, | 0.0);   |       |             |
| ( 391526.8, | 3820362.8, | 1126.3, | 1586.8, | 0.0); | ( 391504.9, |

```

3820353.6, 1119.8, 1586.8, 0.0);
(391482.9, 3820344.3, 1113.1, 1586.8, 0.0); (391460.9,
3820335.1, 1108.8, 1586.8, 0.0);
(391438.9, 3820325.8, 1106.3, 1586.8, 0.0); (391416.9,
3820316.6, 1104.4, 1586.8, 0.0);
(391395.0, 3820307.3, 1102.8, 1586.8, 0.0); (391373.0,
3820298.1, 1100.8, 1586.8, 0.0);
(391351.0, 3820288.9, 1097.5, 1586.8, 0.0); (391329.0,
3820279.6, 1093.4, 1586.8, 0.0);
(391307.0, 3820270.4, 1088.2, 1587.8, 0.0); (391285.0,
3820261.1, 1082.4, 1587.8, 0.0);
(391263.0, 3820251.9, 1076.4, 1587.8, 0.0); (391241.1,
3820242.6, 1070.9, 1588.1, 0.0);
(391219.1, 3820233.4, 1066.2, 1590.0, 0.0); (391197.1,
3820224.1, 1062.6, 1590.0, 0.0);
(391175.1, 3820214.9, 1060.8, 1590.0, 0.0); (391153.1,
3820205.7, 1058.8, 1590.0, 0.0);
(391131.1, 3820196.4, 1056.4, 1590.1, 0.0); (391109.2,
3820187.2, 1053.7, 1590.1, 0.0);
(391087.2, 3820177.9, 1051.0, 1590.1, 0.0); (391065.2,
3820168.7, 1048.6, 1590.1, 0.0);
(391043.2, 3820159.4, 1046.0, 1590.1, 0.0); (391021.2,
3820150.2, 1043.7, 1590.1, 0.0);
(390999.2, 3820140.9, 1041.6, 1590.1, 0.0); (390967.9,
3820109.8, 1037.6, 1590.1, 0.0);
(390958.5, 3820087.8, 1036.3, 1590.1, 0.0); (390949.1,
3820065.9, 1035.1, 1590.1, 0.0);
(390939.8, 3820044.0, 1034.3, 1590.1, 0.0); (390930.4,
3820022.1, 1032.8, 1590.1, 0.0);
(390921.0, 3820000.1, 1031.3, 1590.1, 0.0); (390911.6,
3819978.2, 1029.6, 1590.1, 0.0);
(390902.3, 3819956.3, 1027.8, 1590.1, 0.0); (390892.9,
3819934.4, 1025.8, 1590.1, 0.0);
(390883.5, 3819912.4, 1023.7, 1590.1, 0.0); (390874.1,
3819890.5, 1021.7, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 26

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390864.8, 3819868.6, 1020.0, 1590.1, 0.0); (390855.4,
3819846.6, 1018.2, 1590.1, 0.0);
(390846.0, 3819824.7, 1016.3, 1590.1, 0.0); (390836.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819802.8,  | 1014.5,    | 1590.1, | 0.0);   |       |             |
| ( 390827.3, | 3819780.9, | 1012.6, | 1590.1, | 0.0); | ( 390817.9, |
| 3819758.9,  | 1010.9,    | 1590.1, | 0.0);   |       |             |
| ( 390808.5, | 3819737.0, | 1009.4, | 1590.1, | 0.0); | ( 390799.1, |
| 3819715.1,  | 1007.2,    | 1590.1, | 0.0);   |       |             |
| ( 390789.8, | 3819693.1, | 1004.7, | 1590.1, | 0.0); | ( 390780.4, |
| 3819671.2,  | 1001.8,    | 1590.1, | 0.0);   |       |             |
| ( 390771.0, | 3819649.3, | 999.7,  | 1590.1, | 0.0); | ( 390761.6, |
| 3819627.4,  | 998.1,     | 1590.1, | 0.0);   |       |             |
| ( 390752.3, | 3819605.4, | 996.9,  | 1590.1, | 0.0); | ( 390742.9, |
| 3819583.5,  | 996.2,     | 1590.1, | 0.0);   |       |             |
| ( 390733.5, | 3819561.6, | 995.9,  | 1590.1, | 0.0); | ( 390724.1, |
| 3819539.6,  | 996.0,     | 1590.1, | 0.0);   |       |             |
| ( 390714.8, | 3819517.7, | 996.0,  | 1590.1, | 0.0); | ( 390705.4, |
| 3819495.8,  | 995.7,     | 1590.1, | 0.0);   |       |             |
| ( 390696.0, | 3819473.9, | 994.7,  | 1590.1, | 0.0); | ( 390686.6, |
| 3819451.9,  | 993.5,     | 1590.1, | 0.0);   |       |             |
| ( 390677.3, | 3819430.0, | 992.2,  | 1590.1, | 0.0); | ( 390667.9, |
| 3819408.1,  | 991.0,     | 1590.1, | 0.0);   |       |             |
| ( 390658.5, | 3819386.2, | 989.9,  | 1590.1, | 0.0); | ( 390649.2, |
| 3819364.2,  | 988.9,     | 1590.1, | 0.0);   |       |             |
| ( 390639.8, | 3819342.3, | 987.6,  | 1590.1, | 0.0); | ( 390630.4, |
| 3819320.4,  | 986.4,     | 1590.1, | 0.0);   |       |             |
| ( 390621.0, | 3819298.4, | 985.2,  | 1590.1, | 0.0); | ( 390611.7, |
| 3819276.5,  | 984.0,     | 1590.1, | 0.0);   |       |             |
| ( 390602.3, | 3819254.6, | 982.7,  | 1590.1, | 0.0); | ( 390592.9, |
| 3819232.7,  | 981.3,     | 1590.1, | 0.0);   |       |             |
| ( 390583.5, | 3819210.7, | 979.9,  | 1590.1, | 0.0); | ( 390574.2, |
| 3819188.8,  | 978.4,     | 1590.1, | 0.0);   |       |             |
| ( 390564.8, | 3819166.9, | 977.4,  | 1590.1, | 0.0); | ( 390555.4, |
| 3819144.9,  | 976.4,     | 1590.1, | 0.0);   |       |             |
| ( 390546.0, | 3819123.0, | 975.6,  | 1590.1, | 0.0); | ( 390536.7, |
| 3819101.1,  | 974.0,     | 1590.1, | 0.0);   |       |             |
| ( 390527.3, | 3819079.2, | 972.5,  | 1590.1, | 0.0); | ( 390517.9, |
| 3819057.2,  | 971.3,     | 1590.1, | 0.0);   |       |             |
| ( 390508.5, | 3819035.3, | 969.9,  | 1590.1, | 0.0); | ( 390499.2, |
| 3819013.4,  | 969.0,     | 1590.1, | 0.0);   |       |             |
| ( 390489.8, | 3818991.4, | 968.1,  | 1590.1, | 0.0); | ( 390480.4, |
| 3818969.5,  | 966.7,     | 1590.1, | 0.0);   |       |             |
| ( 390471.0, | 3818947.6, | 965.5,  | 1590.1, | 0.0); | ( 390461.7, |
| 3818925.7,  | 964.3,     | 1590.1, | 0.0);   |       |             |
| ( 390452.3, | 3818903.7, | 963.1,  | 1590.1, | 0.0); | ( 390442.9, |
| 3818881.8,  | 962.3,     | 1590.1, | 0.0);   |       |             |
| ( 390433.5, | 3818859.9, | 961.5,  | 1590.1, | 0.0); | ( 390424.2, |
| 3818838.0,  | 960.6,     | 1590.1, | 0.0);   |       |             |
| ( 390414.8, | 3818816.0, | 960.1,  | 1590.1, | 0.0); | ( 390405.4, |
| 3818794.1,  | 959.5,     | 1590.1, | 0.0);   |       |             |
| ( 390396.0, | 3818772.2, | 958.8,  | 1590.1, | 0.0); | ( 390386.7, |
| 3818750.2,  | 958.3,     | 1590.1, | 0.0);   |       |             |
| ( 390377.3, | 3818728.3, | 957.5,  | 1590.1, | 0.0); | ( 390367.9, |

```

3818706.4, 956.8, 1590.1, 0.0);
 (390358.5, 3818684.5, 955.7, 1590.1, 0.0); (390349.2,
3818662.5, 954.7, 1590.1, 0.0);
 (390339.8, 3818640.6, 953.5, 1590.1, 0.0); (390330.4,
3818618.7, 952.4, 1590.1, 0.0);
 (390321.0, 3818596.8, 951.0, 1590.1, 0.0); (390311.7,
3818574.8, 949.4, 1590.1, 0.0);
 (390302.3, 3818552.9, 949.1, 1590.1, 0.0); (390292.9,
3818531.0, 949.0, 1590.1, 0.0);
 (390283.5, 3818509.0, 949.0, 1590.1, 0.0); (390274.2,
3818487.1, 947.9, 1590.1, 0.0);
 (390264.8, 3818465.2, 946.7, 1590.1, 0.0); (390255.4,
3818443.3, 946.0, 1590.1, 0.0);
 (390246.0, 3818421.3, 945.1, 1590.1, 0.0); (390236.7,
3818399.4, 943.9, 1590.1, 0.0);
 (390227.3, 3818377.5, 942.7, 1590.1, 0.0); (390217.9,
3818355.5, 941.8, 1590.1, 0.0);
 (390208.5, 3818333.6, 940.9, 1590.1, 0.0); (390199.2,
3818311.7, 940.0, 1590.1, 0.0);
 (390189.8, 3818289.8, 939.2, 1590.1, 0.0); (390180.4,
3818267.8, 938.4, 1590.1, 0.0);
 (390171.0, 3818245.9, 937.3, 1590.1, 0.0); (390161.7,
3818224.0, 935.9, 1590.1, 0.0);
 (390152.3, 3818202.0, 934.4, 1590.1, 0.0); (390142.9,
3818180.1, 934.2, 1590.1, 0.0);
 (390133.5, 3818158.2, 933.6, 1590.1, 0.0); (390124.2,
3818136.3, 932.4, 1590.1, 0.0);
 (390114.8, 3818114.3, 931.5, 1590.1, 0.0); (390105.4,
3818092.4, 930.5, 1590.1, 0.0);
 (390096.0, 3818070.5, 929.4, 1590.1, 0.0); (390086.7,
3818048.5, 928.3, 1590.1, 0.0);
 (390077.3, 3818026.6, 927.3, 1590.1, 0.0); (390067.9,
3818004.7, 926.3, 1590.1, 0.0);
 (390058.5, 3817982.8, 925.5, 1590.1, 0.0); (390049.2,
3817960.8, 924.6, 1590.1, 0.0);
 (390039.8, 3817938.9, 923.5, 1590.1, 0.0); (390030.4,
3817917.0, 922.5, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 27

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390021.0, 3817895.1, 921.7, 1590.1, 0.0); (390011.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817873.1,  | 920.7,     | 1590.1, | 0.0);   |       |             |
| ( 390002.3, | 3817851.2, | 919.9,  | 1590.1, | 0.0); | ( 389992.9, |
| 3817829.3,  | 919.1,     | 1590.1, | 0.0);   |       |             |
| ( 389983.5, | 3817807.3, | 918.2,  | 1590.1, | 0.0); | ( 389974.2, |
| 3817785.4,  | 917.4,     | 1590.1, | 0.0);   |       |             |
| ( 389964.8, | 3817763.5, | 916.5,  | 1590.1, | 0.0); | ( 389955.4, |
| 3817741.6,  | 915.6,     | 1590.1, | 0.0);   |       |             |
| ( 389946.0, | 3817719.6, | 914.8,  | 1590.1, | 0.0); | ( 389936.7, |
| 3817697.7,  | 913.9,     | 1590.1, | 0.0);   |       |             |
| ( 389927.3, | 3817675.8, | 912.9,  | 1590.1, | 0.0); | ( 389917.9, |
| 3817653.8,  | 912.0,     | 1590.1, | 0.0);   |       |             |
| ( 389908.6, | 3817631.9, | 911.2,  | 1590.1, | 0.0); | ( 389899.2, |
| 3817610.0,  | 910.2,     | 1590.1, | 0.0);   |       |             |
| ( 389889.8, | 3817588.1, | 909.2,  | 1590.1, | 0.0); | ( 389880.4, |
| 3817566.1,  | 908.4,     | 1590.1, | 0.0);   |       |             |
| ( 389871.1, | 3817544.2, | 907.5,  | 1590.1, | 0.0); | ( 389861.7, |
| 3817522.3,  | 906.8,     | 1590.1, | 0.0);   |       |             |
| ( 389852.3, | 3817500.4, | 905.7,  | 1590.1, | 0.0); | ( 389842.9, |
| 3817478.4,  | 904.4,     | 1590.1, | 0.0);   |       |             |
| ( 389833.6, | 3817456.5, | 903.5,  | 1590.1, | 0.0); | ( 389824.2, |
| 3817434.6,  | 902.7,     | 1590.1, | 0.0);   |       |             |
| ( 389814.8, | 3817412.6, | 901.7,  | 1590.1, | 0.0); | ( 389805.4, |
| 3817390.7,  | 900.8,     | 1590.1, | 0.0);   |       |             |
| ( 389796.1, | 3817368.8, | 900.1,  | 1590.1, | 0.0); | ( 389786.7, |
| 3817346.9,  | 899.2,     | 1590.1, | 0.0);   |       |             |
| ( 389777.3, | 3817324.9, | 898.5,  | 1590.1, | 0.0); | ( 389767.9, |
| 3817303.0,  | 897.6,     | 1590.1, | 0.0);   |       |             |
| ( 389758.6, | 3817281.1, | 896.4,  | 1590.1, | 0.0); | ( 389749.2, |
| 3817259.1,  | 896.2,     | 1590.1, | 0.0);   |       |             |
| ( 389739.8, | 3817237.2, | 895.0,  | 1590.1, | 0.0); | ( 389730.4, |
| 3817215.3,  | 893.4,     | 1590.1, | 0.0);   |       |             |
| ( 389721.1, | 3817193.4, | 891.9,  | 1590.1, | 0.0); | ( 389711.7, |
| 3817171.4,  | 890.8,     | 1590.1, | 0.0);   |       |             |
| ( 389702.3, | 3817149.5, | 889.7,  | 1590.1, | 0.0); | ( 389692.9, |
| 3817127.6,  | 888.5,     | 1590.1, | 0.0);   |       |             |
| ( 389683.6, | 3817105.6, | 887.3,  | 1590.1, | 0.0); | ( 389674.2, |
| 3817083.7,  | 886.2,     | 1590.1, | 0.0);   |       |             |
| ( 389664.8, | 3817061.8, | 885.0,  | 1590.1, | 0.0); | ( 389655.4, |
| 3817039.9,  | 883.9,     | 1590.1, | 0.0);   |       |             |
| ( 389646.1, | 3817017.9, | 882.8,  | 1590.1, | 0.0); | ( 389636.7, |
| 3816996.0,  | 881.7,     | 1590.1, | 0.0);   |       |             |
| ( 389627.3, | 3816974.1, | 880.6,  | 1590.1, | 0.0); | ( 389617.9, |
| 3816952.2,  | 879.5,     | 1590.1, | 0.0);   |       |             |
| ( 389608.6, | 3816930.2, | 878.3,  | 1590.1, | 0.0); | ( 389599.2, |
| 3816908.3,  | 877.2,     | 1590.1, | 0.0);   |       |             |
| ( 389589.8, | 3816886.4, | 876.3,  | 1590.1, | 0.0); | ( 389580.4, |
| 3816864.4,  | 875.2,     | 1590.1, | 0.0);   |       |             |
| ( 389571.1, | 3816842.5, | 874.2,  | 1590.1, | 0.0); | ( 389561.7, |
| 3816820.6,  | 873.1,     | 1590.1, | 0.0);   |       |             |
| ( 389552.3, | 3816798.7, | 872.1,  | 1590.1, | 0.0); | ( 389542.9, |



```

3816776.7, 871.2, 1590.1, 0.0);
(389533.6, 3816754.8, 870.3, 1590.1, 0.0); (389524.2,
3816732.9, 869.5, 1590.1, 0.0);
(389514.8, 3816710.9, 868.6, 1590.1, 0.0); (389505.4,
3816689.0, 867.6, 1590.1, 0.0);
(389496.1, 3816667.1, 866.5, 1590.1, 0.0); (389486.7,
3816645.2, 865.2, 1590.1, 0.0);
(389477.3, 3816623.2, 864.0, 1590.1, 0.0); (389468.0,
3816601.3, 863.0, 1590.1, 0.0);
(389458.6, 3816579.4, 861.9, 1590.1, 0.0); (394560.5,
3821638.5, 1374.4, 1379.3, 0.0);
(394584.5, 3821638.8, 1374.5, 1379.2, 0.0); (394608.4,
3821639.2, 1372.4, 1379.3, 0.0);
(394632.3, 3821639.5, 1366.5, 1379.4, 0.0); (394656.3,
3821639.8, 1358.6, 1379.4, 0.0);
(394680.2, 3821640.1, 1349.6, 1379.4, 0.0); (394704.1,
3821640.5, 1342.3, 1379.4, 0.0);
(394728.1, 3821640.8, 1338.5, 1379.4, 0.0); (394752.0,
3821641.1, 1336.7, 1379.4, 0.0);
(394775.9, 3821641.5, 1335.6, 1379.4, 0.0); (394799.8,
3821641.8, 1336.1, 1379.4, 0.0);
(394823.8, 3821642.1, 1337.1, 1379.4, 0.0); (394847.7,
3821642.4, 1336.8, 1379.4, 0.0);
(394871.6, 3821642.8, 1334.6, 1379.4, 0.0); (394895.6,
3821643.1, 1331.1, 1379.4, 0.0);
(394919.5, 3821643.4, 1326.1, 1379.4, 0.0); (394943.4,
3821643.8, 1319.6, 1379.4, 0.0);
(394967.4, 3821644.1, 1312.9, 1379.4, 0.0); (394991.3,
3821644.4, 1309.0, 1379.4, 0.0);
(394520.3, 3822962.5, 1016.7, 1439.5, 0.0); (394498.3,
3822953.2, 1019.9, 1439.5, 0.0);
(394476.3, 3822944.0, 1023.3, 1439.5, 0.0); (394454.4,
3822934.8, 1026.9, 1439.5, 0.0);
(394432.4, 3822925.5, 1030.5, 1439.5, 0.0); (394410.4,
3822916.3, 1032.2, 1439.5, 0.0);
(394388.5, 3822907.0, 1035.3, 1439.5, 0.0); (394366.5,
3822897.8, 1039.8, 1439.5, 0.0);
(394344.5, 3822888.5, 1043.2, 1439.5, 0.0); (394322.5,
3822879.3, 1044.9, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 28

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 394300.5, 3822870.1, 1045.2, 1439.5, | 0.0); | ( 394278.6, |
| 3822860.8, 1046.0, 1439.5, 0.0);       |       |             |
| ( 394256.6, 3822851.6, 1049.0, 1439.5, | 0.0); | ( 394234.6, |
| 3822842.3, 1053.8, 1439.5, 0.0);       |       |             |
| ( 394212.6, 3822833.1, 1057.1, 1439.5, | 0.0); | ( 394190.7, |
| 3822823.9, 1059.9, 1439.5, 0.0);       |       |             |
| ( 394168.7, 3822814.6, 1060.3, 1439.5, | 0.0); | ( 394146.7, |
| 3822805.4, 1059.3, 1439.5, 0.0);       |       |             |
| ( 394124.7, 3822796.1, 1056.7, 1439.5, | 0.0); | ( 394102.8, |
| 3822786.9, 1053.8, 1439.5, 0.0);       |       |             |
| ( 394080.8, 3822777.6, 1050.9, 1439.5, | 0.0); | ( 394058.8, |
| 3822768.4, 1044.8, 1439.5, 0.0);       |       |             |
| ( 394036.8, 3822759.2, 1040.6, 1439.5, | 0.0); | ( 394014.9, |
| 3822749.9, 1040.3, 1439.5, 0.0);       |       |             |
| ( 393992.9, 3822740.7, 1043.8, 1439.5, | 0.0); | ( 393970.9, |
| 3822731.4, 1047.8, 1439.5, 0.0);       |       |             |
| ( 393948.9, 3822722.2, 1048.9, 1439.5, | 0.0); | ( 393927.0, |
| 3822713.0, 1048.3, 1439.5, 0.0);       |       |             |
| ( 393905.0, 3822703.7, 1049.3, 1439.5, | 0.0); | ( 393883.0, |
| 3822694.5, 1050.0, 1439.5, 0.0);       |       |             |
| ( 393861.0, 3822685.2, 1050.4, 1523.5, | 0.0); | ( 393839.1, |
| 3822676.0, 1050.1, 1525.3, 0.0);       |       |             |
| ( 393817.1, 3822666.8, 1048.3, 1525.3, | 0.0); | ( 393795.1, |
| 3822657.5, 1045.2, 1529.1, 0.0);       |       |             |
| ( 393773.1, 3822648.3, 1041.4, 1529.1, | 0.0); | ( 393751.2, |
| 3822639.0, 1039.8, 1583.4, 0.0);       |       |             |
| ( 393729.2, 3822629.8, 1039.8, 1585.1, | 0.0); | ( 393707.2, |
| 3822620.6, 1043.6, 1584.3, 0.0);       |       |             |
| ( 393685.2, 3822611.3, 1049.9, 1529.1, | 0.0); | ( 393663.2, |
| 3822602.1, 1055.0, 1529.1, 0.0);       |       |             |
| ( 393641.3, 3822592.8, 1054.4, 1529.1, | 0.0); | ( 393619.3, |
| 3822583.6, 1049.5, 1586.8, 0.0);       |       |             |
| ( 393597.3, 3822574.3, 1049.2, 1586.8, | 0.0); | ( 393575.3, |
| 3822565.1, 1050.4, 1586.8, 0.0);       |       |             |
| ( 393553.4, 3822555.9, 1050.3, 1586.8, | 0.0); | ( 393531.4, |
| 3822546.6, 1048.3, 1586.8, 0.0);       |       |             |
| ( 393509.4, 3822537.4, 1044.7, 1586.8, | 0.0); | ( 393487.5, |
| 3822528.1, 1041.0, 1586.8, 0.0);       |       |             |
| ( 393465.5, 3822518.9, 1039.1, 1586.8, | 0.0); | ( 393443.5, |
| 3822509.7, 1037.7, 1586.8, 0.0);       |       |             |
| ( 393421.5, 3822500.4, 1037.5, 1586.8, | 0.0); | ( 393399.5, |
| 3822491.2, 1037.3, 1586.8, 0.0);       |       |             |
| ( 393377.6, 3822481.9, 1037.4, 1586.8, | 0.0); | ( 393355.6, |
| 3822472.7, 1038.7, 1586.8, 0.0);       |       |             |
| ( 393333.6, 3822463.5, 1040.5, 1586.8, | 0.0); | ( 393311.6, |
| 3822454.2, 1042.3, 1586.8, 0.0);       |       |             |
| ( 393289.7, 3822445.0, 1043.8, 1586.8, | 0.0); | ( 393267.7, |
| 3822435.7, 1046.7, 1586.8, 0.0);       |       |             |
| ( 393245.7, 3822426.5, 1049.1, 1586.8, | 0.0); | ( 393223.7, |

```

3822417.3, 1050.5, 1586.8, 0.0);
(393201.8, 3822408.0, 1053.2, 1586.8, 0.0); (393179.8,
3822398.8, 1055.3, 1586.8, 0.0);
(393157.8, 3822389.5, 1058.1, 1586.8, 0.0); (393135.8,
3822380.3, 1061.3, 1586.8, 0.0);
(393113.9, 3822371.0, 1062.9, 1586.8, 0.0); (393091.9,
3822361.8, 1065.7, 1586.8, 0.0);
(393069.9, 3822352.6, 1068.5, 1586.8, 0.0); (393047.9,
3822343.3, 1071.1, 1586.8, 0.0);
(393026.0, 3822334.1, 1072.7, 1586.8, 0.0); (393004.0,
3822324.8, 1074.2, 1586.8, 0.0);
(392982.0, 3822315.6, 1078.0, 1586.8, 0.0); (392960.0,
3822306.4, 1081.1, 1586.8, 0.0);
(392938.1, 3822297.1, 1084.0, 1586.8, 0.0); (392916.1,
3822287.9, 1087.9, 1586.8, 0.0);
(392894.1, 3822278.6, 1091.3, 1586.8, 0.0); (392872.1,
3822269.4, 1094.2, 1586.8, 0.0);
(392850.1, 3822260.2, 1096.8, 1586.8, 0.0); (392828.2,
3822250.9, 1101.1, 1586.8, 0.0);
(392806.2, 3822241.7, 1106.1, 1586.8, 0.0); (392784.2,
3822232.4, 1111.4, 1586.8, 0.0);
(392762.2, 3822223.2, 1116.5, 1586.8, 0.0); (392740.3,
3822213.9, 1122.5, 1586.8, 0.0);
(392718.3, 3822204.7, 1129.4, 1586.3, 0.0); (392696.3,
3822195.5, 1135.2, 1580.7, 0.0);
(392674.3, 3822186.2, 1139.7, 1529.1, 0.0); (392652.4,
3822177.0, 1144.4, 1529.1, 0.0);
(392630.4, 3822167.8, 1147.2, 1529.1, 0.0); (392608.4,
3822158.5, 1151.7, 1529.1, 0.0);
(392586.5, 3822149.3, 1158.2, 1525.3, 0.0); (392564.5,
3822140.0, 1165.4, 1525.3, 0.0);
(392542.5, 3822130.8, 1171.9, 1439.5, 0.0); (392520.5,
3822121.5, 1177.6, 1439.5, 0.0);
(392498.5, 3822112.3, 1183.0, 1439.5, 0.0); (392476.6,
3822103.1, 1188.2, 1439.5, 0.0);
(392454.6, 3822093.8, 1194.3, 1439.5, 0.0); (392432.6,
3822084.6, 1202.2, 1439.5, 0.0);
(392410.6, 3822075.3, 1212.0, 1439.5, 0.0); (392388.7,
3822066.1, 1223.0, 1439.5, 0.0);
(392366.7, 3822056.9, 1233.8, 1439.5, 0.0); (392344.7,
3822047.6, 1237.9, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 29

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 392322.7, 3822038.4, 1238.9, 1439.5, 0.0); | ( 392300.8, |
| 3822029.1, 1242.4, 1439.5, 0.0);             |             |
| ( 392278.8, 3822019.9, 1249.3, 1439.5, 0.0); | ( 392256.8, |
| 3822010.6, 1253.9, 1439.5, 0.0);             |             |
| ( 392234.8, 3822001.4, 1250.5, 1439.5, 0.0); | ( 392212.9, |
| 3821992.2, 1245.6, 1439.5, 0.0);             |             |
| ( 392190.9, 3821982.9, 1244.8, 1439.5, 0.0); | ( 392168.9, |
| 3821973.7, 1247.5, 1439.5, 0.0);             |             |
| ( 392146.9, 3821964.4, 1253.3, 1439.5, 0.0); | ( 392125.0, |
| 3821955.2, 1261.8, 1439.5, 0.0);             |             |
| ( 392103.0, 3821946.0, 1268.9, 1439.5, 0.0); | ( 392081.0, |
| 3821936.7, 1272.9, 1439.5, 0.0);             |             |
| ( 392059.0, 3821927.5, 1280.5, 1439.5, 0.0); | ( 392037.0, |
| 3821918.2, 1287.3, 1439.5, 0.0);             |             |
| ( 392015.1, 3821909.0, 1293.7, 1439.5, 0.0); | ( 391993.1, |
| 3821899.8, 1301.2, 1422.1, 0.0);             |             |
| ( 391971.1, 3821890.5, 1308.0, 1422.1, 0.0); | ( 391949.1, |
| 3821881.3, 1313.1, 1422.1, 0.0);             |             |
| ( 391927.2, 3821872.0, 1318.4, 1422.1, 0.0); | ( 391905.2, |
| 3821862.8, 1324.7, 1422.1, 0.0);             |             |
| ( 391883.2, 3821853.6, 1329.5, 1422.1, 0.0); | ( 391861.2, |
| 3821844.3, 1333.6, 1422.1, 0.0);             |             |
| ( 391839.3, 3821835.1, 1337.3, 1422.1, 0.0); | ( 391817.3, |
| 3821825.8, 1336.1, 1422.1, 0.0);             |             |
| ( 391795.3, 3821816.6, 1329.7, 1422.1, 0.0); | ( 391773.3, |
| 3821807.3, 1319.8, 1422.1, 0.0);             |             |
| ( 391751.4, 3821798.1, 1310.9, 1422.1, 0.0); | ( 391729.4, |
| 3821788.9, 1303.0, 1422.1, 0.0);             |             |
| ( 391707.4, 3821779.6, 1294.0, 1422.1, 0.0); | ( 391685.4, |
| 3821770.4, 1285.5, 1422.1, 0.0);             |             |
| ( 391663.5, 3821761.1, 1278.4, 1422.1, 0.0); | ( 391641.5, |
| 3821751.9, 1274.6, 1422.1, 0.0);             |             |
| ( 391619.5, 3821742.7, 1276.8, 1422.1, 0.0); | ( 391597.5, |
| 3821733.4, 1279.7, 1422.1, 0.0);             |             |
| ( 391575.6, 3821724.2, 1279.0, 1422.1, 0.0); | ( 391553.6, |
| 3821714.9, 1275.2, 1422.1, 0.0);             |             |
| ( 391531.6, 3821705.7, 1269.8, 1422.1, 0.0); | ( 391509.6, |
| 3821696.5, 1263.2, 1439.5, 0.0);             |             |
| ( 391487.7, 3821687.2, 1255.8, 1439.5, 0.0); | ( 391465.7, |
| 3821678.0, 1248.4, 1523.5, 0.0);             |             |
| ( 391443.7, 3821668.7, 1241.2, 1529.1, 0.0); | ( 391421.7, |
| 3821659.5, 1232.8, 1529.1, 0.0);             |             |
| ( 391399.8, 3821650.2, 1226.1, 1586.8, 0.0); | ( 391377.8, |
| 3821641.0, 1222.8, 1586.8, 0.0);             |             |
| ( 391355.8, 3821631.8, 1222.2, 1586.8, 0.0); | ( 391333.8, |
| 3821622.5, 1221.6, 1586.8, 0.0);             |             |
| ( 391311.9, 3821613.3, 1218.6, 1586.8, 0.0); | ( 391289.9, |

```

3821604.0, 1211.2, 1586.8, 0.0);
(391267.9, 3821594.8, 1200.6, 1586.8, 0.0); (391245.9,
3821585.6, 1189.6, 1586.8, 0.0);
(391224.0, 3821576.3, 1179.8, 1586.8, 0.0); (391202.0,
3821567.1, 1173.5, 1586.8, 0.0);
(391180.0, 3821557.8, 1171.2, 1586.8, 0.0); (391158.0,
3821548.6, 1169.8, 1586.8, 0.0);
(391136.0, 3821539.4, 1163.7, 1587.8, 0.0); (391114.1,
3821530.1, 1157.1, 1587.8, 0.0);
(391092.1, 3821520.9, 1151.5, 1588.1, 0.0); (391070.1,
3821511.6, 1145.2, 1588.1, 0.0);
(391048.1, 3821502.4, 1138.6, 1590.0, 0.0); (391026.2,
3821493.2, 1132.6, 1590.0, 0.0);
(391004.2, 3821483.9, 1127.2, 1590.1, 0.0); (390982.2,
3821474.7, 1122.0, 1590.1, 0.0);
(390960.2, 3821465.4, 1118.9, 1590.1, 0.0); (390938.3,
3821456.2, 1118.6, 1590.1, 0.0);
(390916.3, 3821446.9, 1119.9, 1590.1, 0.0); (390894.3,
3821437.7, 1120.3, 1590.1, 0.0);
(390872.3, 3821428.5, 1119.0, 1590.1, 0.0); (390850.4,
3821419.2, 1117.4, 1590.1, 0.0);
(390828.4, 3821410.0, 1115.7, 1590.1, 0.0); (390806.4,
3821400.8, 1114.0, 1590.1, 0.0);
(390784.4, 3821391.5, 1112.4, 1590.1, 0.0); (390762.5,
3821382.3, 1110.7, 1590.1, 0.0);
(390740.5, 3821373.0, 1108.8, 1590.1, 0.0); (390718.5,
3821363.8, 1106.4, 1590.1, 0.0);
(390696.5, 3821354.5, 1102.1, 1590.1, 0.0); (390674.6,
3821345.3, 1096.5, 1590.1, 0.0);
(390652.6, 3821336.1, 1094.1, 1590.1, 0.0); (390630.6,
3821326.8, 1095.0, 1590.1, 0.0);
(390608.6, 3821317.6, 1098.0, 1590.1, 0.0); (390586.7,
3821308.3, 1100.3, 1590.1, 0.0);
(390564.7, 3821299.1, 1100.0, 1590.1, 0.0); (390542.7,
3821289.9, 1099.7, 1590.1, 0.0);
(390520.7, 3821280.6, 1099.5, 1590.1, 0.0); (390498.8,
3821271.4, 1099.7, 1590.1, 0.0);
(390476.8, 3821262.1, 1099.6, 1590.1, 0.0); (390454.8,
3821252.9, 1098.9, 1590.1, 0.0);
(390432.8, 3821243.6, 1098.4, 1590.1, 0.0); (390410.8,
3821234.4, 1098.8, 1590.1, 0.0);
(390388.9, 3821225.2, 1098.8, 1590.1, 0.0); (390366.9,
3821215.9, 1097.9, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 30

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 390344.9, 3821206.7, 1096.1, 1590.1, | 0.0); | ( 390323.0, |
| 3821197.4, 1097.3, 1590.1, 0.0);       |       |             |
| ( 390301.0, 3821188.2, 1101.5, 1590.1, | 0.0); | ( 390279.0, |
| 3821179.0, 1108.2, 1590.1, 0.0);       |       |             |
| ( 390257.0, 3821169.7, 1115.0, 1590.1, | 0.0); | ( 390235.0, |
| 3821160.5, 1121.7, 1590.1, 0.0);       |       |             |
| ( 390213.1, 3821151.2, 1128.1, 1590.1, | 0.0); | ( 390191.1, |
| 3821142.0, 1133.7, 1590.1, 0.0);       |       |             |
| ( 390169.1, 3821132.8, 1137.8, 1590.1, | 0.0); | ( 390147.1, |
| 3821123.5, 1141.1, 1590.1, 0.0);       |       |             |
| ( 390125.2, 3821114.3, 1143.7, 1590.1, | 0.0); | ( 390103.2, |
| 3821105.0, 1146.7, 1590.1, 0.0);       |       |             |
| ( 390081.2, 3821095.8, 1150.9, 1590.1, | 0.0); | ( 390059.2, |
| 3821086.5, 1156.0, 1590.1, 0.0);       |       |             |
| ( 390027.9, 3821055.4, 1161.3, 1590.1, | 0.0); | ( 390018.5, |
| 3821033.5, 1157.2, 1590.1, 0.0);       |       |             |
| ( 390009.1, 3821011.5, 1151.2, 1590.1, | 0.0); | ( 389999.8, |
| 3820989.6, 1145.8, 1590.1, 0.0);       |       |             |
| ( 389990.4, 3820967.7, 1140.5, 1590.1, | 0.0); | ( 389981.0, |
| 3820945.8, 1134.2, 1590.1, 0.0);       |       |             |
| ( 389971.7, 3820923.9, 1130.9, 1590.1, | 0.0); | ( 389962.3, |
| 3820901.9, 1127.8, 1590.1, 0.0);       |       |             |
| ( 389952.9, 3820880.0, 1126.3, 1590.1, | 0.0); | ( 389943.5, |
| 3820858.1, 1130.6, 1590.1, 0.0);       |       |             |
| ( 389934.2, 3820836.2, 1136.9, 1590.1, | 0.0); | ( 389924.8, |
| 3820814.3, 1144.5, 1590.1, 0.0);       |       |             |
| ( 389915.4, 3820792.3, 1154.6, 1590.1, | 0.0); | ( 389906.1, |
| 3820770.4, 1159.9, 1590.1, 0.0);       |       |             |
| ( 389896.7, 3820748.5, 1160.5, 1590.1, | 0.0); | ( 389887.3, |
| 3820726.6, 1157.9, 1590.1, 0.0);       |       |             |
| ( 389878.0, 3820704.7, 1155.0, 1590.1, | 0.0); | ( 389868.6, |
| 3820682.8, 1157.8, 1590.1, 0.0);       |       |             |
| ( 389859.2, 3820660.8, 1162.6, 1590.1, | 0.0); | ( 389849.8, |
| 3820638.9, 1167.3, 1590.1, 0.0);       |       |             |
| ( 389840.5, 3820617.0, 1166.9, 1590.1, | 0.0); | ( 389831.1, |
| 3820595.1, 1165.3, 1590.1, 0.0);       |       |             |
| ( 389821.7, 3820573.1, 1163.3, 1590.1, | 0.0); | ( 389812.3, |
| 3820551.2, 1161.0, 1590.1, 0.0);       |       |             |
| ( 389803.0, 3820529.3, 1157.0, 1590.1, | 0.0); | ( 389793.6, |
| 3820507.4, 1152.0, 1590.1, 0.0);       |       |             |
| ( 389784.2, 3820485.5, 1146.5, 1590.1, | 0.0); | ( 389774.9, |
| 3820463.5, 1142.4, 1590.1, 0.0);       |       |             |
| ( 389765.5, 3820441.6, 1139.6, 1590.1, | 0.0); | ( 389756.1, |
| 3820419.7, 1137.2, 1590.1, 0.0);       |       |             |
| ( 389746.8, 3820397.8, 1135.3, 1590.1, | 0.0); | ( 389737.4, |

```

3820375.9, 1130.5, 1590.1, 0.0);
 (389728.0, 3820353.9, 1124.3, 1590.1, 0.0); (389718.6,
3820332.0, 1116.9, 1590.1, 0.0);
 (389709.3, 3820310.1, 1111.5, 1590.1, 0.0); (389699.9,
3820288.2, 1109.5, 1590.1, 0.0);
 (389690.5, 3820266.3, 1108.9, 1590.1, 0.0); (389681.1,
3820244.3, 1110.0, 1590.1, 0.0);
 (389671.8, 3820222.4, 1115.8, 1590.1, 0.0); (389662.4,
3820200.5, 1121.8, 1590.1, 0.0);
 (389653.0, 3820178.6, 1126.2, 1590.1, 0.0); (389643.7,
3820156.7, 1131.5, 1590.1, 0.0);
 (389634.3, 3820134.7, 1136.1, 1590.1, 0.0); (389624.9,
3820112.8, 1138.5, 1590.1, 0.0);
 (389615.5, 3820090.9, 1140.9, 1590.1, 0.0); (389606.2,
3820069.0, 1139.2, 1590.1, 0.0);
 (389596.8, 3820047.1, 1134.0, 1590.1, 0.0); (389587.4,
3820025.1, 1127.7, 1590.1, 0.0);
 (389578.1, 3820003.2, 1117.4, 1590.1, 0.0); (389568.7,
3819981.3, 1108.5, 1590.1, 0.0);
 (389559.3, 3819959.4, 1101.2, 1590.1, 0.0); (389550.0,
3819937.4, 1100.5, 1590.1, 0.0);
 (389540.6, 3819915.5, 1102.7, 1590.1, 0.0); (389531.2,
3819893.6, 1105.0, 1590.1, 0.0);
 (389521.8, 3819871.7, 1106.4, 1590.1, 0.0); (389512.5,
3819849.8, 1105.9, 1590.1, 0.0);
 (389503.1, 3819827.8, 1105.2, 1590.1, 0.0); (389493.7,
3819805.9, 1104.2, 1590.1, 0.0);
 (389484.3, 3819784.0, 1102.3, 1590.1, 0.0); (389475.0,
3819762.1, 1098.7, 1590.1, 0.0);
 (389465.6, 3819740.2, 1093.9, 1590.1, 0.0); (389456.2,
3819718.2, 1088.2, 1590.1, 0.0);
 (389446.9, 3819696.3, 1083.3, 1590.1, 0.0); (389437.5,
3819674.4, 1079.1, 1590.1, 0.0);
 (389428.1, 3819652.5, 1075.6, 1590.1, 0.0); (389418.8,
3819630.6, 1072.3, 1590.1, 0.0);
 (389409.4, 3819608.6, 1068.2, 1590.1, 0.0); (389400.0,
3819586.7, 1064.3, 1590.1, 0.0);
 (389390.6, 3819564.8, 1061.6, 1590.1, 0.0); (389381.3,
3819542.9, 1059.4, 1590.1, 0.0);
 (389371.9, 3819521.0, 1057.4, 1590.1, 0.0); (389362.5,
3819499.0, 1055.9, 1590.1, 0.0);
 (389353.1, 3819477.1, 1055.3, 1590.1, 0.0); (389343.8,
3819455.2, 1054.9, 1590.1, 0.0);
 (389334.4, 3819433.3, 1055.5, 1590.1, 0.0); (389325.0,
3819411.4, 1056.7, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 389315.7, 3819389.4, 1059.0, 1590.1, 0.0); | ( 389306.3, |
| 3819367.5, 1061.0, 1590.1, 0.0);             |             |
| ( 389296.9, 3819345.6, 1063.1, 1590.1, 0.0); | ( 389287.5, |
| 3819323.7, 1066.3, 1590.1, 0.0);             |             |
| ( 389278.2, 3819301.8, 1071.2, 1590.1, 0.0); | ( 389268.8, |
| 3819279.8, 1077.8, 1590.1, 0.0);             |             |
| ( 389259.4, 3819257.9, 1085.7, 1590.1, 0.0); | ( 389250.1, |
| 3819236.0, 1092.5, 1590.1, 0.0);             |             |
| ( 389240.7, 3819214.1, 1096.2, 1590.1, 0.0); | ( 389231.3, |
| 3819192.2, 1097.5, 1590.1, 0.0);             |             |
| ( 389222.0, 3819170.2, 1098.5, 1590.1, 0.0); | ( 389212.6, |
| 3819148.3, 1097.1, 1590.1, 0.0);             |             |
| ( 389203.2, 3819126.4, 1096.9, 1590.1, 0.0); | ( 389193.8, |
| 3819104.5, 1098.1, 1590.1, 0.0);             |             |
| ( 389184.5, 3819082.6, 1096.0, 1590.1, 0.0); | ( 389175.1, |
| 3819060.6, 1096.7, 1590.1, 0.0);             |             |
| ( 389165.7, 3819038.7, 1099.8, 1590.1, 0.0); | ( 389156.3, |
| 3819016.8, 1103.3, 1590.1, 0.0);             |             |
| ( 389147.0, 3818994.9, 1108.1, 1590.1, 0.0); | ( 389137.6, |
| 3818973.0, 1112.9, 1590.0, 0.0);             |             |
| ( 389128.2, 3818951.0, 1116.0, 1588.1, 0.0); | ( 389118.9, |
| 3818929.1, 1117.5, 1587.8, 0.0);             |             |
| ( 389109.5, 3818907.2, 1118.9, 1587.8, 0.0); | ( 389100.1, |
| 3818885.3, 1120.2, 1587.8, 0.0);             |             |
| ( 389090.8, 3818863.4, 1122.0, 1122.0, 0.0); | ( 389081.4, |
| 3818841.4, 1120.9, 1120.9, 0.0);             |             |
| ( 389072.0, 3818819.5, 1118.0, 1124.1, 0.0); | ( 389062.6, |
| 3818797.6, 1114.4, 1587.8, 0.0);             |             |
| ( 389053.3, 3818775.7, 1111.0, 1587.8, 0.0); | ( 389043.9, |
| 3818753.8, 1108.7, 1587.8, 0.0);             |             |
| ( 389034.5, 3818731.8, 1106.1, 1587.8, 0.0); | ( 389025.1, |
| 3818709.9, 1102.3, 1587.8, 0.0);             |             |
| ( 389015.8, 3818688.0, 1097.9, 1588.1, 0.0); | ( 389006.4, |
| 3818666.1, 1092.2, 1590.0, 0.0);             |             |
| ( 388997.0, 3818644.1, 1084.6, 1590.1, 0.0); | ( 388987.7, |
| 3818622.2, 1075.2, 1590.1, 0.0);             |             |
| ( 388978.3, 3818600.3, 1064.3, 1590.1, 0.0); | ( 388968.9, |
| 3818578.4, 1052.9, 1590.1, 0.0);             |             |
| ( 388959.5, 3818556.5, 1042.3, 1590.1, 0.0); | ( 388950.2, |
| 3818534.5, 1033.4, 1590.1, 0.0);             |             |
| ( 388940.8, 3818512.6, 1025.6, 1590.1, 0.0); | ( 388931.4, |
| 3818490.7, 1018.4, 1590.1, 0.0);             |             |
| ( 388922.1, 3818468.8, 1012.4, 1590.1, 0.0); | ( 388912.7, |



```

3818446.9, 1007.4, 1590.1, 0.0);
 (388903.3, 3818424.9, 1002.4, 1590.1, 0.0); (388894.0,
3818403.0, 998.0, 1590.1, 0.0);
 (388884.6, 3818381.1, 994.7, 1590.1, 0.0); (388875.2,
3818359.2, 992.7, 1590.1, 0.0);
 (388865.8, 3818337.3, 992.0, 1590.1, 0.0); (388856.5,
3818315.3, 992.3, 1590.1, 0.0);
 (388847.1, 3818293.4, 991.2, 1590.1, 0.0); (388837.7,
3818271.5, 989.7, 1590.1, 0.0);
 (388828.3, 3818249.6, 987.6, 1590.1, 0.0); (388819.0,
3818227.7, 985.1, 1590.1, 0.0);
 (388809.6, 3818205.8, 982.7, 1590.1, 0.0); (388800.2,
3818183.8, 980.3, 1590.1, 0.0);
 (388790.9, 3818161.9, 978.5, 1590.1, 0.0); (388781.5,
3818140.0, 976.4, 1590.1, 0.0);
 (388772.1, 3818118.1, 974.1, 1590.1, 0.0); (388762.8,
3818096.1, 971.4, 1590.1, 0.0);
 (388753.4, 3818074.2, 970.2, 1590.1, 0.0); (388744.0,
3818052.3, 969.2, 1590.1, 0.0);
 (388734.6, 3818030.4, 968.4, 1590.1, 0.0); (388725.3,
3818008.5, 966.3, 1590.1, 0.0);
 (388715.9, 3817986.5, 962.8, 1590.1, 0.0); (388706.5,
3817964.6, 958.6, 1590.1, 0.0);
 (388697.1, 3817942.7, 953.6, 1590.1, 0.0); (388687.8,
3817920.8, 948.2, 1590.1, 0.0);
 (388678.4, 3817898.9, 942.5, 1590.1, 0.0); (388669.0,
3817876.9, 936.8, 1590.1, 0.0);
 (388659.7, 3817855.0, 933.0, 1590.1, 0.0); (388650.3,
3817833.1, 929.9, 1590.1, 0.0);
 (388640.9, 3817811.2, 926.9, 1590.1, 0.0); (388631.5,
3817789.3, 924.6, 1590.1, 0.0);
 (388622.2, 3817767.3, 922.9, 1590.1, 0.0); (388612.8,
3817745.4, 920.8, 1590.1, 0.0);
 (388603.4, 3817723.5, 918.2, 1590.1, 0.0); (388594.1,
3817701.6, 915.7, 1590.1, 0.0);
 (388584.7, 3817679.7, 913.0, 1590.1, 0.0); (388575.3,
3817657.7, 910.8, 1590.1, 0.0);
 (388566.0, 3817635.8, 909.5, 1590.1, 0.0); (388556.6,
3817613.9, 907.7, 1590.1, 0.0);
 (388547.2, 3817592.0, 905.6, 1590.1, 0.0); (388537.8,
3817570.1, 903.3, 1590.1, 0.0);
 (388528.5, 3817548.1, 901.4, 1590.1, 0.0); (388519.1,
3817526.2, 899.6, 1590.1, 0.0);
 (388509.7, 3817504.3, 898.0, 1590.1, 0.0); (388500.3,
3817482.4, 896.8, 1590.1, 0.0);
 (388491.0, 3817460.4, 895.8, 1590.1, 0.0); (388481.6,
3817438.5, 895.3, 1590.1, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 32

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 388472.2, 3817416.6, 895.1, 1590.1, 0.0);  | ( 388462.9, |
| 3817394.7, 895.0, 1590.1, 0.0);              |             |
| ( 388453.5, 3817372.8, 894.7, 1590.1, 0.0);  | ( 388444.1, |
| 3817350.8, 894.2, 1590.1, 0.0);              |             |
| ( 388434.8, 3817328.9, 894.0, 1590.1, 0.0);  | ( 388425.4, |
| 3817307.0, 893.4, 1590.1, 0.0);              |             |
| ( 388416.0, 3817285.1, 892.9, 1590.1, 0.0);  | ( 388406.6, |
| 3817263.2, 892.3, 1590.1, 0.0);              |             |
| ( 388397.3, 3817241.2, 891.9, 1590.1, 0.0);  | ( 388387.9, |
| 3817219.3, 890.5, 1590.1, 0.0);              |             |
| ( 388378.5, 3817197.4, 887.6, 1590.1, 0.0);  | ( 388369.1, |
| 3817175.5, 883.8, 1590.1, 0.0);              |             |
| ( 388359.8, 3817153.6, 881.7, 1590.1, 0.0);  | ( 388350.4, |
| 3817131.6, 880.9, 1590.1, 0.0);              |             |
| ( 388341.0, 3817109.7, 880.8, 1590.1, 0.0);  | ( 388331.7, |
| 3817087.8, 880.6, 1590.1, 0.0);              |             |
| ( 388322.3, 3817065.9, 880.7, 1590.1, 0.0);  | ( 388312.9, |
| 3817044.0, 881.5, 1590.1, 0.0);              |             |
| ( 388303.5, 3817022.0, 884.0, 1590.1, 0.0);  | ( 388294.2, |
| 3817000.1, 884.8, 1590.1, 0.0);              |             |
| ( 388284.8, 3816978.2, 885.0, 1590.1, 0.0);  | ( 388275.4, |
| 3816956.3, 887.1, 1590.1, 0.0);              |             |
| ( 388266.1, 3816934.4, 892.6, 1590.1, 0.0);  | ( 388256.7, |
| 3816912.4, 896.6, 1590.1, 0.0);              |             |
| ( 388247.3, 3816890.5, 897.4, 1590.1, 0.0);  | ( 388238.0, |
| 3816868.6, 894.4, 1590.1, 0.0);              |             |
| ( 388228.6, 3816846.7, 893.5, 1590.1, 0.0);  | ( 388219.2, |
| 3816824.8, 895.1, 1590.1, 0.0);              |             |
| ( 388209.8, 3816802.8, 897.3, 1590.1, 0.0);  | ( 388200.5, |
| 3816780.9, 896.6, 1590.1, 0.0);              |             |
| ( 388191.1, 3816759.0, 899.5, 1590.1, 0.0);  | ( 388181.7, |
| 3816737.1, 903.4, 1590.1, 0.0);              |             |
| ( 388172.3, 3816715.2, 906.2, 1590.1, 0.0);  | ( 388163.0, |
| 3816693.2, 903.2, 1590.1, 0.0);              |             |
| ( 388153.6, 3816671.3, 899.8, 1590.1, 0.0);  | ( 388144.2, |
| 3816649.4, 896.5, 1590.1, 0.0);              |             |
| ( 388134.9, 3816627.5, 894.3, 1590.1, 0.0);  | ( 388125.5, |
| 3816605.6, 892.5, 1590.1, 0.0);              |             |
| ( 394542.3, 3822971.7, 1014.2, 1439.5, 0.0); | ( 394566.2, |
| 3822972.0, 1012.3, 1439.5, 0.0);             |             |
| ( 394590.1, 3822972.4, 1011.1, 1439.5, 0.0); | ( 394614.1, |

```

3822972.7, 1010.1, 1439.5, 0.0);
(394638.0, 3822973.0, 1010.4, 1439.5, 0.0); (394661.9,
3822973.3, 1011.6, 1439.5, 0.0);
(394685.9, 3822973.7, 1012.0, 1439.5, 0.0); (394709.8,
3822974.0, 1010.0, 1439.5, 0.0);
(394733.7, 3822974.3, 1006.9, 1439.5, 0.0); (394757.7,
3822974.7, 1004.6, 1439.5, 0.0);
(394781.6, 3822975.0, 1004.0, 1439.5, 0.0); (394805.5,
3822975.3, 1006.1, 1439.5, 0.0);
(394829.5, 3822975.6, 1009.0, 1439.5, 0.0); (394853.4,
3822976.0, 1008.3, 1439.5, 0.0);
(394877.3, 3822976.3, 1004.9, 1439.5, 0.0); (394901.2,
3822976.6, 1001.2, 1439.5, 0.0);
(394925.2, 3822977.0, 998.6, 1439.5, 0.0); (394949.1,
3822977.3, 997.4, 1439.5, 0.0);
(394973.0, 3822977.6, 995.9, 1439.5, 0.0); (394502.0,
3824295.6, 916.9, 1586.8, 0.0);
(394479.9, 3824286.4, 917.5, 1586.8, 0.0); (394457.8,
3824277.1, 919.1, 1586.8, 0.0);
(394435.8, 3824267.8, 920.3, 1586.8, 0.0); (394413.7,
3824258.5, 921.5, 1586.8, 0.0);
(394391.7, 3824249.3, 922.7, 1586.8, 0.0); (394369.6,
3824240.0, 923.9, 1586.8, 0.0);
(394347.5, 3824230.7, 925.2, 1586.8, 0.0); (394325.5,
3824221.4, 926.5, 1586.8, 0.0);
(394303.4, 3824212.2, 927.5, 1586.8, 0.0); (394281.4,
3824202.9, 928.0, 1586.8, 0.0);
(394259.3, 3824193.6, 928.6, 1586.8, 0.0); (394237.2,
3824184.3, 929.4, 1586.8, 0.0);
(394215.2, 3824175.0, 930.3, 1586.8, 0.0); (394193.1,
3824165.8, 931.1, 1586.8, 0.0);
(394171.1, 3824156.5, 932.1, 1586.8, 0.0); (394149.0,
3824147.2, 933.2, 1586.8, 0.0);
(394126.9, 3824137.9, 934.2, 1586.8, 0.0); (394104.9,
3824128.7, 935.0, 1586.8, 0.0);
(394082.8, 3824119.4, 936.0, 1586.8, 0.0); (394060.8,
3824110.1, 937.2, 1586.8, 0.0);
(394038.7, 3824100.8, 938.4, 1586.8, 0.0); (394016.6,
3824091.6, 939.7, 1586.8, 0.0);
(393994.6, 3824082.3, 940.8, 1586.8, 0.0); (393972.5,
3824073.0, 942.3, 1586.8, 0.0);
(393950.5, 3824063.7, 943.6, 1586.8, 0.0); (393928.4,
3824054.5, 945.1, 1586.8, 0.0);
(393906.3, 3824045.2, 946.6, 1586.8, 0.0); (393884.3,
3824035.9, 948.0, 1586.8, 0.0);
(393862.2, 3824026.6, 949.4, 1586.8, 0.0); (393840.2,
3824017.3, 950.8, 1586.8, 0.0);
(393818.1, 3824008.1, 952.2, 1586.8, 0.0); (393796.0,
3823998.8, 952.7, 1586.8, 0.0);

```

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 33

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 393774.0, 3823989.5, 951.7, 1586.8, 0.0);  | ( 393751.9, |
| 3823980.2, 950.9, 1586.8, 0.0);              |             |
| ( 393729.9, 3823971.0, 951.5, 1586.8, 0.0);  | ( 393707.8, |
| 3823961.7, 953.2, 1586.8, 0.0);              |             |
| ( 393685.7, 3823952.4, 954.2, 1586.8, 0.0);  | ( 393663.7, |
| 3823943.1, 956.3, 1586.8, 0.0);              |             |
| ( 393641.6, 3823933.9, 958.5, 1586.8, 0.0);  | ( 393619.6, |
| 3823924.6, 959.5, 1586.8, 0.0);              |             |
| ( 393597.5, 3823915.3, 961.0, 1586.8, 0.0);  | ( 393575.4, |
| 3823906.0, 963.5, 1586.8, 0.0);              |             |
| ( 393553.4, 3823896.8, 966.9, 1586.8, 0.0);  | ( 393531.3, |
| 3823887.5, 970.8, 1586.8, 0.0);              |             |
| ( 393509.3, 3823878.2, 972.5, 1586.8, 0.0);  | ( 393487.2, |
| 3823868.9, 976.5, 1586.8, 0.0);              |             |
| ( 393465.1, 3823859.6, 983.5, 1586.8, 0.0);  | ( 393443.1, |
| 3823850.4, 990.8, 1586.8, 0.0);              |             |
| ( 393421.0, 3823841.1, 994.3, 1586.8, 0.0);  | ( 393399.0, |
| 3823831.8, 992.2, 1586.8, 0.0);              |             |
| ( 393376.9, 3823822.5, 987.3, 1586.8, 0.0);  | ( 393354.8, |
| 3823813.3, 986.6, 1586.8, 0.0);              |             |
| ( 393332.8, 3823804.0, 986.9, 1586.8, 0.0);  | ( 393310.7, |
| 3823794.7, 988.6, 1586.8, 0.0);              |             |
| ( 393288.7, 3823785.4, 991.0, 1586.8, 0.0);  | ( 393266.6, |
| 3823776.2, 993.7, 1586.8, 0.0);              |             |
| ( 393244.5, 3823766.9, 996.4, 1586.8, 0.0);  | ( 393222.5, |
| 3823757.6, 998.9, 1586.8, 0.0);              |             |
| ( 393200.4, 3823748.3, 1001.9, 1586.8, 0.0); | ( 393178.4, |
| 3823739.1, 1006.9, 1586.8, 0.0);             |             |
| ( 393156.3, 3823729.8, 1014.1, 1586.8, 0.0); | ( 393134.2, |
| 3823720.5, 1021.5, 1586.8, 0.0);             |             |
| ( 393112.2, 3823711.2, 1028.6, 1586.8, 0.0); | ( 393090.1, |
| 3823702.0, 1033.7, 1586.8, 0.0);             |             |
| ( 393068.1, 3823692.7, 1035.8, 1586.8, 0.0); | ( 393046.0, |
| 3823683.4, 1033.0, 1586.8, 0.0);             |             |
| ( 393023.9, 3823674.1, 1033.6, 1586.8, 0.0); | ( 393001.9, |
| 3823664.8, 1036.6, 1586.8, 0.0);             |             |
| ( 392979.8, 3823655.6, 1036.2, 1586.8, 0.0); | ( 392957.8, |
| 3823646.3, 1033.8, 1586.8, 0.0);             |             |
| ( 392935.7, 3823637.0, 1033.0, 1586.8, 0.0); | ( 392913.6, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823627.7,  | 1034.7,    | 1586.8, | 0.0);   |       |             |
| ( 392891.6, | 3823618.5, | 1038.3, | 1586.8, | 0.0); | ( 392869.5, |
| 3823609.2,  | 1042.8,    | 1586.8, | 0.0);   |       |             |
| ( 392847.5, | 3823599.9, | 1048.4, | 1586.8, | 0.0); | ( 392825.4, |
| 3823590.6,  | 1054.7,    | 1586.8, | 0.0);   |       |             |
| ( 392803.3, | 3823581.4, | 1061.8, | 1586.8, | 0.0); | ( 392781.3, |
| 3823572.1,  | 1068.9,    | 1586.8, | 0.0);   |       |             |
| ( 392759.2, | 3823562.8, | 1077.0, | 1586.8, | 0.0); | ( 392737.2, |
| 3823553.5,  | 1084.3,    | 1586.8, | 0.0);   |       |             |
| ( 392715.1, | 3823544.3, | 1087.1, | 1586.8, | 0.0); | ( 392693.0, |
| 3823535.0,  | 1089.4,    | 1586.8, | 0.0);   |       |             |
| ( 392671.0, | 3823525.7, | 1092.7, | 1586.8, | 0.0); | ( 392648.9, |
| 3823516.4,  | 1094.8,    | 1586.8, | 0.0);   |       |             |
| ( 392626.9, | 3823507.1, | 1096.9, | 1586.8, | 0.0); | ( 392604.8, |
| 3823497.9,  | 1101.0,    | 1586.8, | 0.0);   |       |             |
| ( 392582.7, | 3823488.6, | 1110.0, | 1586.8, | 0.0); | ( 392560.7, |
| 3823479.3,  | 1120.7,    | 1586.8, | 0.0);   |       |             |
| ( 392538.6, | 3823470.0, | 1128.0, | 1586.8, | 0.0); | ( 392516.6, |
| 3823460.8,  | 1127.8,    | 1586.8, | 0.0);   |       |             |
| ( 392494.5, | 3823451.5, | 1123.6, | 1586.8, | 0.0); | ( 392472.4, |
| 3823442.2,  | 1121.4,    | 1586.8, | 0.0);   |       |             |
| ( 392450.4, | 3823432.9, | 1123.0, | 1586.8, | 0.0); | ( 392428.3, |
| 3823423.7,  | 1122.4,    | 1586.8, | 0.0);   |       |             |
| ( 392406.3, | 3823414.4, | 1119.1, | 1586.8, | 0.0); | ( 392384.2, |
| 3823405.1,  | 1122.5,    | 1586.8, | 0.0);   |       |             |
| ( 392362.1, | 3823395.8, | 1131.2, | 1586.8, | 0.0); | ( 392340.1, |
| 3823386.6,  | 1140.7,    | 1586.8, | 0.0);   |       |             |
| ( 392318.0, | 3823377.3, | 1150.0, | 1586.8, | 0.0); | ( 392296.0, |
| 3823368.0,  | 1157.1,    | 1586.8, | 0.0);   |       |             |
| ( 392273.9, | 3823358.7, | 1159.2, | 1586.8, | 0.0); | ( 392251.8, |
| 3823349.4,  | 1154.6,    | 1586.8, | 0.0);   |       |             |
| ( 392229.8, | 3823340.2, | 1148.5, | 1586.8, | 0.0); | ( 392207.7, |
| 3823330.9,  | 1142.8,    | 1586.8, | 0.0);   |       |             |
| ( 392185.7, | 3823321.6, | 1136.3, | 1586.8, | 0.0); | ( 392163.6, |
| 3823312.3,  | 1129.2,    | 1586.8, | 0.0);   |       |             |
| ( 392141.5, | 3823303.1, | 1122.6, | 1586.8, | 0.0); | ( 392119.5, |
| 3823293.8,  | 1117.2,    | 1586.8, | 0.0);   |       |             |
| ( 392097.4, | 3823284.5, | 1109.0, | 1586.8, | 0.0); | ( 392075.4, |
| 3823275.2,  | 1097.6,    | 1587.8, | 0.0);   |       |             |
| ( 392053.3, | 3823266.0, | 1086.7, | 1588.1, | 0.0); | ( 392031.2, |
| 3823256.7,  | 1078.4,    | 1588.1, | 0.0);   |       |             |
| ( 392009.2, | 3823247.4, | 1073.2, | 1590.0, | 0.0); | ( 391987.1, |
| 3823238.1,  | 1070.9,    | 1590.0, | 0.0);   |       |             |
| ( 391965.1, | 3823228.9, | 1073.7, | 1590.0, | 0.0); | ( 391943.0, |
| 3823219.6,  | 1081.6,    | 1590.0, | 0.0);   |       |             |
| ( 391920.9, | 3823210.3, | 1090.8, | 1588.1, | 0.0); | ( 391898.9, |
| 3823201.0,  | 1100.7,    | 1588.1, | 0.0);   |       |             |
| ( 391876.8, | 3823191.8, | 1111.6, | 1587.8, | 0.0); | ( 391854.8, |
| 3823182.5,  | 1120.2,    | 1587.8, | 0.0);   |       |             |
| ( 391832.7, | 3823173.2, | 1124.8, | 1587.8, | 0.0); | ( 391810.6, |

3823163.9, 1125.3, 1587.8, 0.0);  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 34

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 391788.6, 3823154.6, 1128.0, 1587.8, 0.0); | ( 391766.5, |
| 3823145.4, 1135.0, 1587.8, 0.0);             |             |
| ( 391744.5, 3823136.1, 1145.7, 1586.8, 0.0); | ( 391722.4, |
| 3823126.8, 1157.4, 1586.8, 0.0);             |             |
| ( 391700.3, 3823117.5, 1168.8, 1586.8, 0.0); | ( 391678.3, |
| 3823108.3, 1178.3, 1586.8, 0.0);             |             |
| ( 391656.2, 3823099.0, 1185.6, 1586.8, 0.0); | ( 391634.2, |
| 3823089.7, 1192.5, 1586.8, 0.0);             |             |
| ( 391612.1, 3823080.4, 1198.5, 1586.8, 0.0); | ( 391590.0, |
| 3823071.2, 1202.6, 1586.8, 0.0);             |             |
| ( 391568.0, 3823061.9, 1207.3, 1586.8, 0.0); | ( 391545.9, |
| 3823052.6, 1212.4, 1586.8, 0.0);             |             |
| ( 391523.9, 3823043.3, 1211.9, 1586.8, 0.0); | ( 391501.8, |
| 3823034.0, 1206.5, 1586.8, 0.0);             |             |
| ( 391479.7, 3823024.8, 1197.9, 1586.8, 0.0); | ( 391457.7, |
| 3823015.5, 1186.8, 1586.8, 0.0);             |             |
| ( 391435.6, 3823006.2, 1173.4, 1586.8, 0.0); | ( 391413.6, |
| 3822996.9, 1159.5, 1587.8, 0.0);             |             |
| ( 391391.5, 3822987.7, 1146.3, 1588.1, 0.0); | ( 391369.4, |
| 3822978.4, 1135.2, 1590.0, 0.0);             |             |
| ( 391347.4, 3822969.1, 1130.0, 1590.0, 0.0); | ( 391325.3, |
| 3822959.8, 1133.6, 1590.0, 0.0);             |             |
| ( 391303.3, 3822950.6, 1136.7, 1590.0, 0.0); | ( 391281.2, |
| 3822941.3, 1130.1, 1590.1, 0.0);             |             |
| ( 391259.1, 3822932.0, 1121.6, 1590.1, 0.0); | ( 391237.1, |
| 3822922.7, 1116.2, 1590.1, 0.0);             |             |
| ( 391215.0, 3822913.5, 1119.8, 1590.1, 0.0); | ( 391193.0, |
| 3822904.2, 1131.3, 1590.1, 0.0);             |             |
| ( 391170.9, 3822894.9, 1145.3, 1590.0, 0.0); | ( 391148.8, |
| 3822885.6, 1158.7, 1590.0, 0.0);             |             |
| ( 391126.8, 3822876.3, 1171.2, 1588.1, 0.0); | ( 391104.7, |
| 3822867.1, 1182.4, 1587.8, 0.0);             |             |
| ( 391082.7, 3822857.8, 1190.6, 1587.8, 0.0); | ( 391060.6, |
| 3822848.5, 1196.8, 1587.8, 0.0);             |             |
| ( 391038.5, 3822839.2, 1202.6, 1587.8, 0.0); | ( 391016.5, |
| 3822830.0, 1209.0, 1587.8, 0.0);             |             |
| ( 390994.4, 3822820.7, 1214.7, 1586.8, 0.0); | ( 390972.4, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822811.4,  | 1218.7,    | 1586.8, | 0.0);   |       |             |
| ( 390950.3, | 3822802.1, | 1223.5, | 1586.8, | 0.0); | ( 390928.2, |
| 3822792.9,  | 1229.9,    | 1586.8, | 0.0);   |       |             |
| ( 390906.2, | 3822783.6, | 1237.5, | 1586.8, | 0.0); | ( 390884.1, |
| 3822774.3,  | 1245.9,    | 1586.8, | 0.0);   |       |             |
| ( 390862.1, | 3822765.0, | 1254.1, | 1586.8, | 0.0); | ( 390840.0, |
| 3822755.8,  | 1261.7,    | 1586.8, | 0.0);   |       |             |
| ( 390817.9, | 3822746.5, | 1268.3, | 1586.8, | 0.0); | ( 390795.9, |
| 3822737.2,  | 1273.6,    | 1586.8, | 0.0);   |       |             |
| ( 390773.8, | 3822727.9, | 1278.7, | 1586.8, | 0.0); | ( 390751.8, |
| 3822718.6,  | 1281.9,    | 1586.8, | 0.0);   |       |             |
| ( 390729.7, | 3822709.4, | 1281.0, | 1586.8, | 0.0); | ( 390707.6, |
| 3822700.1,  | 1276.9,    | 1586.8, | 0.0);   |       |             |
| ( 390685.6, | 3822690.8, | 1271.8, | 1586.8, | 0.0); | ( 390663.5, |
| 3822681.5,  | 1267.3,    | 1586.8, | 0.0);   |       |             |
| ( 390641.5, | 3822672.3, | 1262.6, | 1586.8, | 0.0); | ( 390619.4, |
| 3822663.0,  | 1262.8,    | 1586.8, | 0.0);   |       |             |
| ( 390597.3, | 3822653.7, | 1269.0, | 1586.8, | 0.0); | ( 390575.3, |
| 3822644.4,  | 1277.0,    | 1586.8, | 0.0);   |       |             |
| ( 390553.2, | 3822635.2, | 1285.3, | 1586.8, | 0.0); | ( 390531.2, |
| 3822625.9,  | 1296.6,    | 1586.8, | 0.0);   |       |             |
| ( 390509.1, | 3822616.6, | 1310.1, | 1586.8, | 0.0); | ( 390487.0, |
| 3822607.3,  | 1321.6,    | 1586.8, | 0.0);   |       |             |
| ( 390465.0, | 3822598.1, | 1324.8, | 1586.8, | 0.0); | ( 390442.9, |
| 3822588.8,  | 1320.3,    | 1586.8, | 0.0);   |       |             |
| ( 390420.9, | 3822579.5, | 1312.8, | 1586.8, | 0.0); | ( 390398.8, |
| 3822570.2,  | 1305.2,    | 1586.8, | 0.0);   |       |             |
| ( 390376.7, | 3822560.9, | 1296.5, | 1586.8, | 0.0); | ( 390354.7, |
| 3822551.7,  | 1285.5,    | 1586.8, | 0.0);   |       |             |
| ( 390332.6, | 3822542.4, | 1273.6, | 1587.8, | 0.0); | ( 390310.6, |
| 3822533.1,  | 1268.5,    | 1587.8, | 0.0);   |       |             |
| ( 390288.5, | 3822523.8, | 1265.8, | 1587.8, | 0.0); | ( 390266.4, |
| 3822514.6,  | 1265.5,    | 1587.8, | 0.0);   |       |             |
| ( 390244.4, | 3822505.3, | 1270.2, | 1587.8, | 0.0); | ( 390222.3, |
| 3822496.0,  | 1279.2,    | 1587.8, | 0.0);   |       |             |
| ( 390200.3, | 3822486.7, | 1288.2, | 1586.8, | 0.0); | ( 390178.2, |
| 3822477.5,  | 1289.5,    | 1587.8, | 0.0);   |       |             |
| ( 390156.1, | 3822468.2, | 1282.7, | 1587.8, | 0.0); | ( 390134.1, |
| 3822458.9,  | 1276.4,    | 1587.8, | 0.0);   |       |             |
| ( 390112.0, | 3822449.6, | 1275.4, | 1587.8, | 0.0); | ( 390090.0, |
| 3822440.4,  | 1277.2,    | 1587.8, | 0.0);   |       |             |
| ( 390067.9, | 3822431.1, | 1279.9, | 1587.8, | 0.0); | ( 390045.8, |
| 3822421.8,  | 1284.6,    | 1587.8, | 0.0);   |       |             |
| ( 390023.8, | 3822412.5, | 1291.8, | 1587.8, | 0.0); | ( 390001.7, |
| 3822403.2,  | 1304.0,    | 1587.8, | 0.0);   |       |             |
| ( 389979.7, | 3822394.0, | 1314.2, | 1586.8, | 0.0); | ( 389957.6, |
| 3822384.7,  | 1317.0,    | 1586.8, | 0.0);   |       |             |
| ( 389935.5, | 3822375.4, | 1314.2, | 1586.8, | 0.0); | ( 389913.5, |
| 3822366.1,  | 1312.0,    | 1587.8, | 0.0);   |       |             |
| ( 389891.4, | 3822356.9, | 1317.0, | 1586.8, | 0.0); | ( 389869.4, |

3822347.6, 1326.0, 1586.8, 0.0);  
( 389847.3, 3822338.3, 1334.3, 1586.8, 0.0); ( 389825.2,  
3822329.0, 1338.2, 1586.8, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 35

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 389803.2, 3822319.8, 1335.9, 1586.8, 0.0); ( 389781.1,  
3822310.5, 1329.1, 1586.8, 0.0);  
( 389759.1, 3822301.2, 1321.4, 1587.8, 0.0); ( 389737.0,  
3822291.9, 1318.8, 1587.8, 0.0);  
( 389714.9, 3822282.7, 1324.9, 1587.8, 0.0); ( 389692.9,  
3822273.4, 1329.7, 1587.8, 0.0);  
( 389670.8, 3822264.1, 1329.5, 1587.8, 0.0); ( 389648.8,  
3822254.8, 1331.7, 1587.8, 0.0);  
( 389626.7, 3822245.6, 1337.3, 1586.8, 0.0); ( 389604.6,  
3822236.3, 1342.4, 1586.8, 0.0);  
( 389582.6, 3822227.0, 1346.0, 1586.8, 0.0); ( 389560.5,  
3822217.7, 1350.5, 1586.8, 0.0);  
( 389538.5, 3822208.4, 1352.1, 1586.8, 0.0); ( 389516.4,  
3822199.2, 1346.7, 1586.8, 0.0);  
( 389494.3, 3822189.9, 1338.3, 1587.8, 0.0); ( 389472.3,  
3822180.6, 1330.1, 1587.8, 0.0);  
( 389450.2, 3822171.3, 1321.5, 1588.1, 0.0); ( 389428.2,  
3822162.1, 1313.3, 1590.0, 0.0);  
( 389406.1, 3822152.8, 1305.3, 1590.0, 0.0); ( 389384.0,  
3822143.5, 1293.4, 1590.1, 0.0);  
( 389362.0, 3822134.2, 1281.8, 1590.1, 0.0); ( 389339.9,  
3822125.0, 1270.7, 1590.1, 0.0);  
( 389317.9, 3822115.7, 1260.3, 1590.1, 0.0); ( 389295.8,  
3822106.4, 1251.4, 1590.1, 0.0);  
( 389273.7, 3822097.1, 1245.9, 1590.1, 0.0); ( 389251.7,  
3822087.9, 1248.0, 1590.1, 0.0);  
( 389229.6, 3822078.6, 1252.0, 1590.1, 0.0); ( 389207.6,  
3822069.3, 1254.8, 1590.1, 0.0);  
( 389185.5, 3822060.0, 1256.0, 1590.1, 0.0); ( 389163.4,  
3822050.8, 1255.5, 1590.1, 0.0);  
( 389141.4, 3822041.5, 1253.8, 1590.1, 0.0); ( 389119.3,  
3822032.2, 1250.2, 1590.1, 0.0);  
( 389087.9, 3822000.9, 1237.2, 1590.1, 0.0); ( 389078.5,  
3821978.9, 1229.8, 1590.1, 0.0);  
( 389069.0, 3821956.9, 1222.5, 1590.1, 0.0); ( 389059.6,



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821934.9,  | 1215.5,    | 1590.1, | 0.0);   |       |             |
| ( 389050.2, | 3821912.9, | 1209.1, | 1590.1, | 0.0); | ( 389040.8, |
| 3821890.9,  | 1203.2,    | 1590.1, | 0.0);   |       |             |
| ( 389031.4, | 3821868.9, | 1201.1, | 1590.1, | 0.0); | ( 389022.0, |
| 3821846.9,  | 1201.6,    | 1590.1, | 0.0);   |       |             |
| ( 389012.6, | 3821824.9, | 1199.0, | 1590.1, | 0.0); | ( 389003.2, |
| 3821802.9,  | 1197.0,    | 1590.1, | 0.0);   |       |             |
| ( 388993.8, | 3821780.9, | 1196.3, | 1590.1, | 0.0); | ( 388984.4, |
| 3821758.9,  | 1196.8,    | 1590.1, | 0.0);   |       |             |
| ( 388975.0, | 3821736.9, | 1199.0, | 1590.1, | 0.0); | ( 388965.6, |
| 3821714.9,  | 1198.8,    | 1590.1, | 0.0);   |       |             |
| ( 388956.1, | 3821692.8, | 1197.4, | 1590.1, | 0.0); | ( 388946.8, |
| 3821670.8,  | 1193.6,    | 1590.1, | 0.0);   |       |             |
| ( 388937.3, | 3821648.8, | 1187.3, | 1590.1, | 0.0); | ( 388927.9, |
| 3821626.8,  | 1179.6,    | 1590.1, | 0.0);   |       |             |
| ( 388918.5, | 3821604.8, | 1172.4, | 1590.1, | 0.0); | ( 388909.1, |
| 3821582.8,  | 1168.8,    | 1590.1, | 0.0);   |       |             |
| ( 388899.7, | 3821560.8, | 1165.8, | 1590.1, | 0.0); | ( 388890.3, |
| 3821538.8,  | 1161.7,    | 1590.1, | 0.0);   |       |             |
| ( 388880.9, | 3821516.8, | 1156.6, | 1590.1, | 0.0); | ( 388871.5, |
| 3821494.8,  | 1151.3,    | 1590.1, | 0.0);   |       |             |
| ( 388862.1, | 3821472.8, | 1145.2, | 1590.1, | 0.0); | ( 388852.7, |
| 3821450.8,  | 1139.9,    | 1590.1, | 0.0);   |       |             |
| ( 388843.3, | 3821428.8, | 1137.0, | 1590.1, | 0.0); | ( 388833.9, |
| 3821406.8,  | 1136.4,    | 1590.1, | 0.0);   |       |             |
| ( 388824.5, | 3821384.8, | 1136.1, | 1590.1, | 0.0); | ( 388815.0, |
| 3821362.8,  | 1132.3,    | 1590.1, | 0.0);   |       |             |
| ( 388805.6, | 3821340.8, | 1127.5, | 1590.1, | 0.0); | ( 388796.2, |
| 3821318.8,  | 1123.0,    | 1590.1, | 0.0);   |       |             |
| ( 388786.8, | 3821296.8, | 1116.8, | 1590.1, | 0.0); | ( 388777.4, |
| 3821274.8,  | 1111.4,    | 1590.1, | 0.0);   |       |             |
| ( 388768.0, | 3821252.8, | 1106.6, | 1590.1, | 0.0); | ( 388758.6, |
| 3821230.8,  | 1103.2,    | 1590.1, | 0.0);   |       |             |
| ( 388749.2, | 3821208.8, | 1101.4, | 1590.1, | 0.0); | ( 388739.8, |
| 3821186.8,  | 1102.1,    | 1590.1, | 0.0);   |       |             |
| ( 388730.4, | 3821164.8, | 1104.8, | 1590.1, | 0.0); | ( 388721.0, |
| 3821142.7,  | 1108.0,    | 1590.1, | 0.0);   |       |             |
| ( 388711.6, | 3821120.7, | 1110.4, | 1590.1, | 0.0); | ( 388702.1, |
| 3821098.7,  | 1112.9,    | 1590.1, | 0.0);   |       |             |
| ( 388692.8, | 3821076.7, | 1113.3, | 1590.1, | 0.0); | ( 388683.3, |
| 3821054.7,  | 1110.6,    | 1590.1, | 0.0);   |       |             |
| ( 388673.9, | 3821032.7, | 1106.2, | 1590.1, | 0.0); | ( 388664.5, |
| 3821010.7,  | 1100.4,    | 1590.1, | 0.0);   |       |             |
| ( 388655.1, | 3820988.7, | 1094.5, | 1590.1, | 0.0); | ( 388645.7, |
| 3820966.7,  | 1088.9,    | 1590.1, | 0.0);   |       |             |
| ( 388636.3, | 3820944.7, | 1084.2, | 1590.1, | 0.0); | ( 388626.9, |
| 3820922.7,  | 1080.1,    | 1590.1, | 0.0);   |       |             |
| ( 388617.5, | 3820900.7, | 1076.8, | 1590.1, | 0.0); | ( 388608.1, |
| 3820878.7,  | 1073.9,    | 1590.1, | 0.0);   |       |             |
| ( 388598.7, | 3820856.7, | 1071.4, | 1590.1, | 0.0); | ( 388589.3, |

```

3820834.7, 1069.3, 1590.1, 0.0);
(388579.9, 3820812.7, 1067.0, 1590.1, 0.0); (388570.5,
3820790.7, 1065.0, 1590.1, 0.0);
(388561.0, 3820768.7, 1063.4, 1590.1, 0.0); (388551.6,
3820746.7, 1061.5, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 36

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(388542.2, 3820724.7, 1060.8, 1590.1, 0.0); (388532.8,
3820702.6, 1060.1, 1590.1, 0.0);
(388523.4, 3820680.6, 1059.3, 1590.1, 0.0); (388514.0,
3820658.6, 1058.6, 1590.1, 0.0);
(388504.6, 3820636.6, 1058.1, 1590.1, 0.0); (388495.2,
3820614.6, 1058.4, 1590.1, 0.0);
(388485.8, 3820592.6, 1060.3, 1590.1, 0.0); (388476.4,
3820570.6, 1060.5, 1590.1, 0.0);
(388467.0, 3820548.6, 1058.7, 1590.1, 0.0); (388457.6,
3820526.6, 1055.4, 1590.1, 0.0);
(388448.1, 3820504.6, 1052.3, 1590.1, 0.0); (388438.8,
3820482.6, 1050.0, 1590.1, 0.0);
(388429.3, 3820460.6, 1047.5, 1590.1, 0.0); (388419.9,
3820438.6, 1045.0, 1590.1, 0.0);
(388410.5, 3820416.6, 1049.5, 1590.1, 0.0); (388401.1,
3820394.6, 1051.2, 1590.1, 0.0);
(388391.7, 3820372.6, 1049.3, 1590.1, 0.0); (388382.3,
3820350.6, 1043.6, 1590.1, 0.0);
(388372.9, 3820328.6, 1039.2, 1590.1, 0.0); (388363.5,
3820306.6, 1035.1, 1590.1, 0.0);
(388354.1, 3820284.6, 1032.3, 1590.1, 0.0); (388344.7,
3820262.6, 1033.9, 1590.1, 0.0);
(388335.3, 3820240.6, 1037.0, 1590.1, 0.0); (388325.9,
3820218.6, 1039.8, 1590.1, 0.0);
(388316.5, 3820196.5, 1042.2, 1590.1, 0.0); (388307.0,
3820174.5, 1045.6, 1590.1, 0.0);
(388297.6, 3820152.5, 1048.5, 1590.1, 0.0); (388288.2,
3820130.5, 1050.0, 1590.1, 0.0);
(388278.8, 3820108.5, 1050.5, 1590.1, 0.0); (388269.4,
3820086.5, 1048.9, 1590.1, 0.0);
(388260.0, 3820064.5, 1047.7, 1590.1, 0.0); (388250.6,
3820042.5, 1047.7, 1590.1, 0.0);
(388241.2, 3820020.5, 1046.3, 1590.1, 0.0); (388231.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819998.5,  | 1043.7,    | 1590.1, | 0.0);   |       |             |
| ( 388222.4, | 3819976.5, | 1040.0, | 1590.1, | 0.0); | ( 388213.0, |
| 3819954.5,  | 1036.1,    | 1590.1, | 0.0);   |       |             |
| ( 388203.6, | 3819932.5, | 1033.2, | 1590.1, | 0.0); | ( 388194.1, |
| 3819910.5,  | 1032.0,    | 1590.1, | 0.0);   |       |             |
| ( 388184.8, | 3819888.5, | 1030.6, | 1590.1, | 0.0); | ( 388175.3, |
| 3819866.5,  | 1029.1,    | 1590.1, | 0.0);   |       |             |
| ( 388165.9, | 3819844.5, | 1029.0, | 1590.1, | 0.0); | ( 388156.5, |
| 3819822.5,  | 1028.3,    | 1590.1, | 0.0);   |       |             |
| ( 388147.1, | 3819800.5, | 1026.9, | 1590.1, | 0.0); | ( 388137.7, |
| 3819778.5,  | 1032.0,    | 1590.1, | 0.0);   |       |             |
| ( 388128.3, | 3819756.5, | 1038.0, | 1590.1, | 0.0); | ( 388118.9, |
| 3819734.5,  | 1040.9,    | 1590.1, | 0.0);   |       |             |
| ( 388109.5, | 3819712.4, | 1034.2, | 1590.1, | 0.0); | ( 388100.1, |
| 3819690.4,  | 1028.7,    | 1590.1, | 0.0);   |       |             |
| ( 388090.7, | 3819668.4, | 1024.5, | 1590.1, | 0.0); | ( 388081.3, |
| 3819646.4,  | 1021.8,    | 1590.1, | 0.0);   |       |             |
| ( 388071.9, | 3819624.4, | 1019.8, | 1590.1, | 0.0); | ( 388062.5, |
| 3819602.4,  | 1019.6,    | 1590.1, | 0.0);   |       |             |
| ( 388053.0, | 3819580.4, | 1019.1, | 1590.1, | 0.0); | ( 388043.6, |
| 3819558.4,  | 1013.8,    | 1590.1, | 0.0);   |       |             |
| ( 388034.2, | 3819536.4, | 1010.1, | 1590.1, | 0.0); | ( 388024.8, |
| 3819514.4,  | 1007.9,    | 1590.1, | 0.0);   |       |             |
| ( 388015.4, | 3819492.4, | 1006.6, | 1590.1, | 0.0); | ( 388006.0, |
| 3819470.4,  | 1005.8,    | 1590.1, | 0.0);   |       |             |
| ( 387996.6, | 3819448.4, | 1005.8, | 1590.1, | 0.0); | ( 387987.2, |
| 3819426.4,  | 1005.9,    | 1590.1, | 0.0);   |       |             |
| ( 387977.8, | 3819404.4, | 1004.0, | 1590.1, | 0.0); | ( 387968.4, |
| 3819382.4,  | 1003.2,    | 1590.1, | 0.0);   |       |             |
| ( 387959.0, | 3819360.4, | 1003.1, | 1590.1, | 0.0); | ( 387949.6, |
| 3819338.4,  | 1003.8,    | 1590.1, | 0.0);   |       |             |
| ( 387940.1, | 3819316.4, | 1006.0, | 1590.1, | 0.0); | ( 387930.8, |
| 3819294.4,  | 1008.4,    | 1590.1, | 0.0);   |       |             |
| ( 387921.3, | 3819272.4, | 1011.1, | 1590.1, | 0.0); | ( 387911.9, |
| 3819250.4,  | 1014.1,    | 1590.1, | 0.0);   |       |             |
| ( 387902.5, | 3819228.3, | 1016.9, | 1590.1, | 0.0); | ( 387893.1, |
| 3819206.3,  | 1020.9,    | 1590.1, | 0.0);   |       |             |
| ( 387883.7, | 3819184.3, | 1027.4, | 1590.1, | 0.0); | ( 387874.3, |
| 3819162.3,  | 1035.2,    | 1590.1, | 0.0);   |       |             |
| ( 387864.9, | 3819140.3, | 1041.5, | 1590.1, | 0.0); | ( 387855.5, |
| 3819118.3,  | 1047.2,    | 1590.1, | 0.0);   |       |             |
| ( 387846.1, | 3819096.3, | 1052.1, | 1590.1, | 0.0); | ( 387836.7, |
| 3819074.3,  | 1055.2,    | 1590.1, | 0.0);   |       |             |
| ( 387827.3, | 3819052.3, | 1055.4, | 1590.1, | 0.0); | ( 387817.9, |
| 3819030.3,  | 1052.3,    | 1590.1, | 0.0);   |       |             |
| ( 387808.5, | 3819008.3, | 1050.5, | 1590.1, | 0.0); | ( 387799.0, |
| 3818986.3,  | 1048.3,    | 1590.1, | 0.0);   |       |             |
| ( 387789.6, | 3818964.3, | 1043.4, | 1590.1, | 0.0); | ( 387780.2, |
| 3818942.3,  | 1034.2,    | 1590.1, | 0.0);   |       |             |
| ( 387770.8, | 3818920.3, | 1027.0, | 1590.1, | 0.0); | ( 387761.4, |

3818898.3, 1023.6, 1590.1, 0.0);  
 ( 387752.0, 3818876.3, 1022.1, 1590.1, 0.0); ( 387742.6,  
 3818854.3, 1021.8, 1590.1, 0.0);  
 ( 387733.2, 3818832.3, 1021.9, 1590.1, 0.0); ( 387723.8,  
 3818810.3, 1019.6, 1590.1, 0.0);  
 ( 387714.4, 3818788.3, 1013.2, 1590.1, 0.0); ( 387705.0,  
 3818766.3, 1003.9, 1590.1, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 37

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 387695.6, 3818744.3, 995.1, 1590.1, 0.0); ( 387686.1,  
 3818722.2, 987.4, 1590.1, 0.0);  
 ( 387676.8, 3818700.2, 981.8, 1590.1, 0.0); ( 387667.3,  
 3818678.2, 977.0, 1590.1, 0.0);  
 ( 387657.9, 3818656.2, 972.6, 1590.1, 0.0); ( 387648.5,  
 3818634.2, 968.8, 1590.1, 0.0);  
 ( 387639.1, 3818612.2, 964.9, 1590.1, 0.0); ( 387629.7,  
 3818590.2, 961.2, 1590.1, 0.0);  
 ( 387620.3, 3818568.2, 957.8, 1590.1, 0.0); ( 387610.9,  
 3818546.2, 954.6, 1590.1, 0.0);  
 ( 387601.5, 3818524.2, 951.7, 1590.1, 0.0); ( 387592.1,  
 3818502.2, 949.1, 1590.1, 0.0);  
 ( 387582.7, 3818480.2, 946.8, 1590.1, 0.0); ( 387573.3,  
 3818458.2, 944.6, 1590.1, 0.0);  
 ( 387563.9, 3818436.2, 942.4, 1590.1, 0.0); ( 387554.5,  
 3818414.2, 940.3, 1590.1, 0.0);  
 ( 387545.0, 3818392.2, 938.1, 1590.1, 0.0); ( 387535.6,  
 3818370.2, 935.8, 1590.1, 0.0);  
 ( 387526.2, 3818348.2, 933.7, 1590.1, 0.0); ( 387516.8,  
 3818326.2, 931.7, 1590.1, 0.0);  
 ( 387507.4, 3818304.2, 929.0, 1590.1, 0.0); ( 387498.0,  
 3818282.2, 927.3, 1590.1, 0.0);  
 ( 387488.6, 3818260.2, 926.5, 1590.1, 0.0); ( 387479.2,  
 3818238.1, 926.6, 1590.1, 0.0);  
 ( 387469.8, 3818216.1, 926.1, 1590.1, 0.0); ( 387460.4,  
 3818194.1, 925.8, 1590.1, 0.0);  
 ( 387451.0, 3818172.1, 925.5, 1590.1, 0.0); ( 387441.6,  
 3818150.1, 925.0, 1590.1, 0.0);  
 ( 387432.1, 3818128.1, 922.1, 1590.1, 0.0); ( 387422.8,  
 3818106.1, 917.8, 1590.1, 0.0);  
 ( 387413.3, 3818084.1, 915.4, 1590.1, 0.0); ( 387403.9,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818062.1,  | 914.4,     | 1590.1, | 0.0);   |       |             |
| ( 387394.5, | 3818040.1, | 914.9,  | 1590.1, | 0.0); | ( 387385.1, |
| 3818018.1,  | 917.3,     | 1590.1, | 0.0);   |       |             |
| ( 387375.7, | 3817996.1, | 921.8,  | 1590.1, | 0.0); | ( 387366.3, |
| 3817974.1,  | 925.5,     | 1590.1, | 0.0);   |       |             |
| ( 387356.9, | 3817952.1, | 928.6,  | 1590.1, | 0.0); | ( 387347.5, |
| 3817930.1,  | 932.7,     | 1590.1, | 0.0);   |       |             |
| ( 387338.1, | 3817908.1, | 936.6,  | 1590.1, | 0.0); | ( 387328.7, |
| 3817886.1,  | 940.0,     | 1590.1, | 0.0);   |       |             |
| ( 387319.3, | 3817864.1, | 942.7,  | 1590.1, | 0.0); | ( 387309.9, |
| 3817842.1,  | 944.1,     | 1590.1, | 0.0);   |       |             |
| ( 387300.5, | 3817820.1, | 944.9,  | 1590.1, | 0.0); | ( 387291.0, |
| 3817798.1,  | 945.7,     | 1590.1, | 0.0);   |       |             |
| ( 387281.6, | 3817776.1, | 947.6,  | 1590.1, | 0.0); | ( 387272.2, |
| 3817754.1,  | 948.4,     | 1590.1, | 0.0);   |       |             |
| ( 387262.8, | 3817732.0, | 949.0,  | 1590.1, | 0.0); | ( 387253.4, |
| 3817710.0,  | 949.2,     | 1590.1, | 0.0);   |       |             |
| ( 387244.0, | 3817688.0, | 949.6,  | 1590.1, | 0.0); | ( 387234.6, |
| 3817666.0,  | 949.4,     | 1590.1, | 0.0);   |       |             |
| ( 387225.2, | 3817644.0, | 949.1,  | 1590.1, | 0.0); | ( 387215.8, |
| 3817622.0,  | 949.2,     | 1590.1, | 0.0);   |       |             |
| ( 387206.4, | 3817600.0, | 950.2,  | 1590.1, | 0.0); | ( 387197.0, |
| 3817578.0,  | 950.8,     | 1590.1, | 0.0);   |       |             |
| ( 387187.6, | 3817556.0, | 951.1,  | 1590.1, | 0.0); | ( 387178.1, |
| 3817534.0,  | 952.4,     | 1590.1, | 0.0);   |       |             |
| ( 387168.8, | 3817512.0, | 950.4,  | 1590.1, | 0.0); | ( 387159.3, |
| 3817490.0,  | 947.6,     | 1590.1, | 0.0);   |       |             |
| ( 387149.9, | 3817468.0, | 946.9,  | 1590.1, | 0.0); | ( 387140.5, |
| 3817446.0,  | 949.3,     | 1590.1, | 0.0);   |       |             |
| ( 387131.1, | 3817424.0, | 952.4,  | 1590.1, | 0.0); | ( 387121.7, |
| 3817402.0,  | 956.0,     | 1590.1, | 0.0);   |       |             |
| ( 387112.3, | 3817380.0, | 960.1,  | 1590.1, | 0.0); | ( 387102.9, |
| 3817358.0,  | 963.4,     | 1590.1, | 0.0);   |       |             |
| ( 387093.5, | 3817336.0, | 967.2,  | 1590.1, | 0.0); | ( 387084.1, |
| 3817314.0,  | 971.7,     | 1590.1, | 0.0);   |       |             |
| ( 387074.7, | 3817292.0, | 977.8,  | 1590.1, | 0.0); | ( 387065.3, |
| 3817270.0,  | 984.8,     | 1590.1, | 0.0);   |       |             |
| ( 387055.9, | 3817247.9, | 991.7,  | 1590.1, | 0.0); | ( 387046.5, |
| 3817225.9,  | 997.0,     | 1590.1, | 0.0);   |       |             |
| ( 387037.0, | 3817203.9, | 995.1,  | 1590.1, | 0.0); | ( 387027.6, |
| 3817181.9,  | 990.1,     | 1590.1, | 0.0);   |       |             |
| ( 387018.2, | 3817159.9, | 982.6,  | 1590.1, | 0.0); | ( 387008.8, |
| 3817137.9,  | 976.7,     | 1590.1, | 0.0);   |       |             |
| ( 386999.4, | 3817115.9, | 972.1,  | 1590.1, | 0.0); | ( 386990.0, |
| 3817093.9,  | 970.1,     | 1590.1, | 0.0);   |       |             |
| ( 386980.6, | 3817071.9, | 973.5,  | 1590.1, | 0.0); | ( 386971.2, |
| 3817049.9,  | 980.3,     | 1590.1, | 0.0);   |       |             |
| ( 386961.8, | 3817027.9, | 984.4,  | 1147.8, | 0.0); | ( 386952.4, |
| 3817005.9,  | 983.4,     | 1147.8, | 0.0);   |       |             |
| ( 386943.0, | 3816983.9, | 975.2,  | 1590.1, | 0.0); | ( 386933.6, |

```

3816961.9, 967.3, 1590.1, 0.0);
 (386924.1, 3816939.9, 960.3, 1590.1, 0.0); (386914.8,
3816917.9, 954.6, 1590.1, 0.0);
 (386905.3, 3816895.9, 950.8, 1590.1, 0.0); (386895.9,
3816873.9, 948.0, 1590.1, 0.0);
 (386886.5, 3816851.9, 946.5, 1590.1, 0.0); (386877.1,
3816829.9, 944.6, 1590.1, 0.0);
 (386867.7, 3816807.9, 946.3, 1590.1, 0.0); (386858.3,
3816785.9, 951.1, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 38

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (386848.9, 3816763.8, 957.0, 1147.8, 0.0); (386839.5,
3816741.8, 964.9, 1147.8, 0.0);
 (386830.1, 3816719.8, 973.1, 1147.8, 0.0); (386820.7,
3816697.8, 980.6, 1147.8, 0.0);
 (386811.3, 3816675.8, 981.8, 1147.8, 0.0); (386801.9,
3816653.8, 977.2, 1147.8, 0.0);
 (386792.5, 3816631.8, 970.9, 1147.8, 0.0); (394524.0,
3824304.9, 916.3, 1586.8, 0.0);
 (394548.0, 3824305.2, 915.2, 1586.8, 0.0); (394571.9,
3824305.6, 914.1, 1586.8, 0.0);
 (394595.8, 3824305.9, 913.1, 1586.8, 0.0); (394619.8,
3824306.2, 911.9, 1586.8, 0.0);
 (394643.7, 3824306.6, 910.9, 1586.8, 0.0); (394667.6,
3824306.9, 909.9, 1586.8, 0.0);
 (394691.5, 3824307.2, 909.0, 1586.8, 0.0); (394715.5,
3824307.5, 908.3, 1586.8, 0.0);
 (394739.4, 3824307.9, 907.7, 1586.8, 0.0); (394763.3,
3824308.2, 906.8, 1586.8, 0.0);
 (394787.3, 3824308.5, 905.7, 1586.8, 0.0); (394811.2,
3824308.9, 904.7, 1586.8, 0.0);
 (394835.1, 3824309.2, 903.7, 1586.8, 0.0); (394859.1,
3824309.5, 902.7, 1586.8, 0.0);
 (394883.0, 3824309.8, 901.9, 1586.8, 0.0); (394906.9,
3824310.2, 901.0, 1586.8, 0.0);
 (394930.8, 3824310.5, 900.0, 1586.8, 0.0); (394954.8,
3824310.8, 899.1, 1586.8, 0.0);
 (394483.7, 3825628.9, 870.7, 1586.8, 0.0); (394461.7,
3825619.6, 870.2, 1586.8, 0.0);
 (394439.6, 3825610.3, 869.5, 1586.8, 0.0); (394417.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825601.0,  | 870.6,     | 1586.8, | 0.0);   |       |             |
| ( 394395.5, | 3825591.8, | 873.5,  | 1586.8, | 0.0); | ( 394373.5, |
| 3825582.5,  | 875.2,     | 1586.8, | 0.0);   |       |             |
| ( 394351.5, | 3825573.2, | 876.0,  | 1586.8, | 0.0); | ( 394329.4, |
| 3825564.0,  | 876.4,     | 1586.8, | 0.0);   |       |             |
| ( 394307.4, | 3825554.7, | 876.6,  | 1586.8, | 0.0); | ( 394285.3, |
| 3825545.4,  | 876.8,     | 1586.8, | 0.0);   |       |             |
| ( 394263.3, | 3825536.2, | 877.4,  | 1586.8, | 0.0); | ( 394241.2, |
| 3825526.9,  | 880.2,     | 1586.8, | 0.0);   |       |             |
| ( 394219.2, | 3825517.6, | 885.3,  | 1586.8, | 0.0); | ( 394197.1, |
| 3825508.4,  | 886.1,     | 1586.8, | 0.0);   |       |             |
| ( 394175.1, | 3825499.1, | 885.5,  | 1586.8, | 0.0); | ( 394153.1, |
| 3825489.8,  | 884.7,     | 1586.8, | 0.0);   |       |             |
| ( 394131.0, | 3825480.5, | 884.1,  | 1586.8, | 0.0); | ( 394109.0, |
| 3825471.3,  | 884.6,     | 1586.8, | 0.0);   |       |             |
| ( 394086.9, | 3825462.0, | 886.1,  | 1586.8, | 0.0); | ( 394064.9, |
| 3825452.7,  | 888.2,     | 1586.8, | 0.0);   |       |             |
| ( 394042.8, | 3825443.5, | 889.8,  | 1586.8, | 0.0); | ( 394020.8, |
| 3825434.2,  | 890.2,     | 1586.8, | 0.0);   |       |             |
| ( 393998.8, | 3825424.9, | 890.6,  | 1586.8, | 0.0); | ( 393976.7, |
| 3825415.7,  | 891.9,     | 1586.8, | 0.0);   |       |             |
| ( 393954.7, | 3825406.4, | 893.0,  | 1586.8, | 0.0); | ( 393932.6, |
| 3825397.1,  | 893.5,     | 1586.8, | 0.0);   |       |             |
| ( 393910.6, | 3825387.9, | 893.7,  | 1586.8, | 0.0); | ( 393888.5, |
| 3825378.6,  | 893.9,     | 1586.8, | 0.0);   |       |             |
| ( 393866.5, | 3825369.3, | 894.0,  | 1586.8, | 0.0); | ( 393844.5, |
| 3825360.0,  | 894.3,     | 1587.8, | 0.0);   |       |             |
| ( 393822.4, | 3825350.8, | 894.6,  | 1587.8, | 0.0); | ( 393800.4, |
| 3825341.5,  | 894.9,     | 1587.8, | 0.0);   |       |             |
| ( 393778.3, | 3825332.2, | 895.8,  | 1587.8, | 0.0); | ( 393756.3, |
| 3825323.0,  | 896.5,     | 1587.8, | 0.0);   |       |             |
| ( 393734.2, | 3825313.7, | 895.5,  | 1587.8, | 0.0); | ( 393712.2, |
| 3825304.4,  | 894.0,     | 1587.8, | 0.0);   |       |             |
| ( 393690.1, | 3825295.2, | 894.0,  | 1587.8, | 0.0); | ( 393668.1, |
| 3825285.9,  | 894.0,     | 1587.8, | 0.0);   |       |             |
| ( 393646.1, | 3825276.6, | 893.1,  | 1588.1, | 0.0); | ( 393624.0, |
| 3825267.3,  | 893.9,     | 1588.1, | 0.0);   |       |             |
| ( 393602.0, | 3825258.1, | 895.4,  | 1588.1, | 0.0); | ( 393579.9, |
| 3825248.8,  | 897.4,     | 1588.1, | 0.0);   |       |             |
| ( 393557.9, | 3825239.5, | 898.6,  | 1588.1, | 0.0); | ( 393535.8, |
| 3825230.3,  | 898.9,     | 1588.1, | 0.0);   |       |             |
| ( 393513.8, | 3825221.0, | 898.8,  | 1588.1, | 0.0); | ( 393491.8, |
| 3825211.7,  | 898.7,     | 1588.1, | 0.0);   |       |             |
| ( 393469.7, | 3825202.5, | 898.1,  | 1590.0, | 0.0); | ( 393447.7, |
| 3825193.2,  | 897.8,     | 1590.0, | 0.0);   |       |             |
| ( 393425.6, | 3825183.9, | 900.2,  | 1590.0, | 0.0); | ( 393403.6, |
| 3825174.7,  | 902.9,     | 1590.0, | 0.0);   |       |             |
| ( 393381.5, | 3825165.4, | 904.5,  | 1590.0, | 0.0); | ( 393359.5, |
| 3825156.1,  | 905.3,     | 1590.0, | 0.0);   |       |             |
| ( 393337.5, | 3825146.8, | 905.6,  | 1590.0, | 0.0); | ( 393315.4, |

```

3825137.6, 905.5, 1590.0, 0.0);
(393293.4, 3825128.3, 905.6, 1590.0, 0.0); (393271.3,
3825119.0, 905.3, 1590.0, 0.0);
(393249.3, 3825109.8, 905.6, 1590.0, 0.0); (393227.2,
3825100.5, 905.9, 1590.1, 0.0);
(393205.2, 3825091.2, 906.4, 1590.1, 0.0); (393183.2,
3825082.0, 907.5, 1590.1, 0.0);
(393161.1, 3825072.7, 908.4, 1590.1, 0.0); (393139.1,
3825063.4, 910.0, 1590.1, 0.0);
(393117.0, 3825054.2, 913.7, 1590.1, 0.0); (393095.0,
3825044.9, 915.5, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 39

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393072.9, 3825035.6, 916.4, 1590.1, 0.0); (393050.9,
3825026.3, 917.4, 1590.1, 0.0);
(393028.8, 3825017.1, 919.0, 1590.1, 0.0); (393006.8,
3825007.8, 921.0, 1590.1, 0.0);
(392984.8, 3824998.5, 923.5, 1590.1, 0.0); (392962.7,
3824989.3, 925.3, 1590.1, 0.0);
(392940.7, 3824980.0, 926.1, 1590.1, 0.0); (392918.6,
3824970.7, 926.3, 1590.1, 0.0);
(392896.6, 3824961.5, 927.4, 1590.1, 0.0); (392874.5,
3824952.2, 930.6, 1590.1, 0.0);
(392852.5, 3824942.9, 934.5, 1590.1, 0.0); (392830.5,
3824933.6, 936.9, 1590.1, 0.0);
(392808.4, 3824924.4, 941.9, 1590.1, 0.0); (392786.4,
3824915.1, 947.1, 1590.1, 0.0);
(392764.3, 3824905.8, 947.7, 1590.1, 0.0); (392742.3,
3824896.6, 947.2, 1590.1, 0.0);
(392720.2, 3824887.3, 947.6, 1590.1, 0.0); (392698.2,
3824878.0, 947.7, 1590.1, 0.0);
(392676.2, 3824868.8, 947.9, 1590.1, 0.0); (392654.1,
3824859.5, 948.8, 1590.1, 0.0);
(392632.1, 3824850.2, 949.5, 1590.1, 0.0); (392610.0,
3824841.0, 949.4, 1590.1, 0.0);
(392588.0, 3824831.7, 948.9, 1590.1, 0.0); (392565.9,
3824822.4, 948.4, 1590.1, 0.0);
(392543.9, 3824813.1, 948.5, 1590.1, 0.0); (392521.8,
3824803.9, 949.4, 1590.1, 0.0);
(392499.8, 3824794.6, 949.8, 1590.1, 0.0); (392477.8,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824785.3,  | 949.4,     | 1590.1, | 0.0);   |       |             |
| ( 392455.7, | 3824776.1, | 949.5,  | 1590.1, | 0.0); | ( 392433.7, |
| 3824766.8,  | 950.5,     | 1590.1, | 0.0);   |       |             |
| ( 392411.6, | 3824757.5, | 953.0,  | 1590.1, | 0.0); | ( 392389.6, |
| 3824748.3,  | 954.5,     | 1590.1, | 0.0);   |       |             |
| ( 392367.5, | 3824739.0, | 954.9,  | 1590.1, | 0.0); | ( 392345.5, |
| 3824729.7,  | 956.2,     | 1590.1, | 0.0);   |       |             |
| ( 392323.5, | 3824720.5, | 957.8,  | 1590.1, | 0.0); | ( 392301.4, |
| 3824711.2,  | 958.1,     | 1590.1, | 0.0);   |       |             |
| ( 392279.4, | 3824701.9, | 958.3,  | 1590.1, | 0.0); | ( 392257.3, |
| 3824692.6,  | 958.9,     | 1590.1, | 0.0);   |       |             |
| ( 392235.3, | 3824683.4, | 960.8,  | 1590.1, | 0.0); | ( 392213.2, |
| 3824674.1,  | 965.0,     | 1590.1, | 0.0);   |       |             |
| ( 392191.2, | 3824664.8, | 971.5,  | 1590.1, | 0.0); | ( 392169.2, |
| 3824655.6,  | 979.3,     | 1590.1, | 0.0);   |       |             |
| ( 392147.1, | 3824646.3, | 988.5,  | 1590.1, | 0.0); | ( 392125.1, |
| 3824637.0,  | 997.2,     | 1590.1, | 0.0);   |       |             |
| ( 392103.0, | 3824627.8, | 1002.5, | 1590.1, | 0.0); | ( 392081.0, |
| 3824618.5,  | 1005.5,    | 1590.1, | 0.0);   |       |             |
| ( 392058.9, | 3824609.2, | 1005.7, | 1590.1, | 0.0); | ( 392036.9, |
| 3824599.9,  | 1005.9,    | 1590.1, | 0.0);   |       |             |
| ( 392014.9, | 3824590.7, | 1002.9, | 1590.1, | 0.0); | ( 391992.8, |
| 3824581.4,  | 998.7,     | 1590.1, | 0.0);   |       |             |
| ( 391970.8, | 3824572.1, | 994.9,  | 1590.1, | 0.0); | ( 391948.7, |
| 3824562.9,  | 992.3,     | 1590.1, | 0.0);   |       |             |
| ( 391926.7, | 3824553.6, | 991.7,  | 1590.1, | 0.0); | ( 391904.6, |
| 3824544.3,  | 991.6,     | 1590.1, | 0.0);   |       |             |
| ( 391882.6, | 3824535.1, | 994.0,  | 1590.1, | 0.0); | ( 391860.5, |
| 3824525.8,  | 999.3,     | 1590.1, | 0.0);   |       |             |
| ( 391838.5, | 3824516.5, | 999.9,  | 1590.1, | 0.0); | ( 391816.5, |
| 3824507.3,  | 996.9,     | 1590.1, | 0.0);   |       |             |
| ( 391794.4, | 3824498.0, | 993.2,  | 1590.1, | 0.0); | ( 391772.4, |
| 3824488.7,  | 989.8,     | 1590.1, | 0.0);   |       |             |
| ( 391750.3, | 3824479.4, | 986.2,  | 1590.1, | 0.0); | ( 391728.3, |
| 3824470.2,  | 982.9,     | 1590.1, | 0.0);   |       |             |
| ( 391706.2, | 3824460.9, | 981.4,  | 1590.1, | 0.0); | ( 391684.2, |
| 3824451.6,  | 980.4,     | 1590.1, | 0.0);   |       |             |
| ( 391662.2, | 3824442.4, | 979.6,  | 1590.1, | 0.0); | ( 391640.1, |
| 3824433.1,  | 979.8,     | 1590.1, | 0.0);   |       |             |
| ( 391618.1, | 3824423.8, | 981.2,  | 1590.1, | 0.0); | ( 391596.0, |
| 3824414.6,  | 983.4,     | 1590.1, | 0.0);   |       |             |
| ( 391574.0, | 3824405.3, | 986.1,  | 1590.1, | 0.0); | ( 391551.9, |
| 3824396.0,  | 990.2,     | 1590.1, | 0.0);   |       |             |
| ( 391529.9, | 3824386.8, | 993.1,  | 1590.1, | 0.0); | ( 391507.9, |
| 3824377.5,  | 995.0,     | 1590.1, | 0.0);   |       |             |
| ( 391485.8, | 3824368.2, | 996.2,  | 1590.1, | 0.0); | ( 391463.8, |
| 3824358.9,  | 997.5,     | 1590.1, | 0.0);   |       |             |
| ( 391441.7, | 3824349.7, | 999.3,  | 1590.1, | 0.0); | ( 391419.7, |
| 3824340.4,  | 1001.6,    | 1590.1, | 0.0);   |       |             |
| ( 391397.6, | 3824331.1, | 1004.2, | 1590.1, | 0.0); | ( 391375.6, |

```

3824321.9, 1007.4, 1590.1, 0.0);
(391353.5, 3824312.6, 1011.1, 1590.1, 0.0); (391331.5,
3824303.3, 1015.4, 1590.1, 0.0);
(391309.5, 3824294.1, 1018.6, 1590.1, 0.0); (391287.4,
3824284.8, 1020.3, 1590.1, 0.0);
(391265.4, 3824275.5, 1022.3, 1590.1, 0.0); (391243.3,
3824266.2, 1023.5, 1590.1, 0.0);
(391221.3, 3824257.0, 1024.5, 1590.1, 0.0); (391199.2,
3824247.7, 1028.5, 1590.1, 0.0);
(391177.2, 3824238.4, 1032.1, 1590.1, 0.0); (391155.2,
3824229.2, 1033.8, 1590.1, 0.0);
(391133.1, 3824219.9, 1039.2, 1590.1, 0.0); (391111.1,
3824210.6, 1049.1, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 40

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391089.0, 3824201.4, 1062.8, 1590.1, 0.0); (391067.0,
3824192.1, 1075.8, 1590.1, 0.0);
(391045.0, 3824182.8, 1088.0, 1590.1, 0.0); (391022.9,
3824173.6, 1098.6, 1590.1, 0.0);
(391000.9, 3824164.3, 1108.7, 1590.1, 0.0); (390978.8,
3824155.0, 1118.7, 1590.1, 0.0);
(390956.8, 3824145.8, 1127.1, 1590.1, 0.0); (390934.7,
3824136.5, 1130.1, 1590.1, 0.0);
(390912.7, 3824127.2, 1126.0, 1590.1, 0.0); (390890.6,
3824117.9, 1122.2, 1590.1, 0.0);
(390868.6, 3824108.7, 1122.5, 1590.1, 0.0); (390846.6,
3824099.4, 1129.5, 1590.1, 0.0);
(390824.5, 3824090.1, 1138.0, 1590.1, 0.0); (390802.5,
3824080.9, 1146.6, 1590.1, 0.0);
(390780.4, 3824071.6, 1153.3, 1590.1, 0.0); (390758.4,
3824062.3, 1160.3, 1590.1, 0.0);
(390736.3, 3824053.0, 1165.4, 1590.1, 0.0); (390714.3,
3824043.8, 1168.8, 1590.1, 0.0);
(390692.2, 3824034.5, 1174.6, 1590.1, 0.0); (390670.2,
3824025.2, 1182.0, 1590.0, 0.0);
(390648.2, 3824016.0, 1186.0, 1590.0, 0.0); (390626.1,
3824006.7, 1182.0, 1590.1, 0.0);
(390604.1, 3823997.4, 1175.3, 1590.1, 0.0); (390582.0,
3823988.2, 1174.7, 1590.1, 0.0);
(390560.0, 3823978.9, 1181.4, 1590.1, 0.0); (390538.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823969.6,  | 1191.6,    | 1590.1, | 0.0);   |       |             |
| ( 390515.9, | 3823960.4, | 1203.3, | 1590.0, | 0.0); | ( 390493.9, |
| 3823951.1,  | 1215.7,    | 1590.0, | 0.0);   |       |             |
| ( 390471.8, | 3823941.8, | 1228.6, | 1588.1, | 0.0); | ( 390449.8, |
| 3823932.5,  | 1241.8,    | 1587.8, | 0.0);   |       |             |
| ( 390427.7, | 3823923.3, | 1255.5, | 1587.8, | 0.0); | ( 390405.7, |
| 3823914.0,  | 1268.1,    | 1586.8, | 0.0);   |       |             |
| ( 390383.6, | 3823904.7, | 1276.2, | 1586.8, | 0.0); | ( 390361.6, |
| 3823895.5,  | 1277.0,    | 1586.8, | 0.0);   |       |             |
| ( 390339.6, | 3823886.2, | 1270.7, | 1587.8, | 0.0); | ( 390317.5, |
| 3823876.9,  | 1263.1,    | 1587.8, | 0.0);   |       |             |
| ( 390295.5, | 3823867.7, | 1257.1, | 1587.8, | 0.0); | ( 390273.4, |
| 3823858.4,  | 1265.0,    | 1587.8, | 0.0);   |       |             |
| ( 390251.4, | 3823849.1, | 1278.5, | 1587.8, | 0.0); | ( 390229.3, |
| 3823839.9,  | 1292.7,    | 1586.8, | 0.0);   |       |             |
| ( 390207.3, | 3823830.6, | 1304.7, | 1586.8, | 0.0); | ( 390185.2, |
| 3823821.3,  | 1313.6,    | 1586.8, | 0.0);   |       |             |
| ( 390163.2, | 3823812.0, | 1318.5, | 1586.8, | 0.0); | ( 390141.2, |
| 3823802.8,  | 1317.5,    | 1586.8, | 0.0);   |       |             |
| ( 390119.1, | 3823793.5, | 1312.5, | 1586.8, | 0.0); | ( 390097.1, |
| 3823784.2,  | 1306.6,    | 1586.8, | 0.0);   |       |             |
| ( 390075.0, | 3823775.0, | 1304.9, | 1586.8, | 0.0); | ( 390053.0, |
| 3823765.7,  | 1309.7,    | 1586.8, | 0.0);   |       |             |
| ( 390031.0, | 3823756.4, | 1317.2, | 1586.8, | 0.0); | ( 390008.9, |
| 3823747.2,  | 1327.0,    | 1586.8, | 0.0);   |       |             |
| ( 389986.9, | 3823737.9, | 1338.0, | 1586.8, | 0.0); | ( 389964.8, |
| 3823728.6,  | 1349.7,    | 1586.8, | 0.0);   |       |             |
| ( 389942.8, | 3823719.3, | 1361.2, | 1586.8, | 0.0); | ( 389920.7, |
| 3823710.1,  | 1369.4,    | 1586.8, | 0.0);   |       |             |
| ( 389898.7, | 3823700.8, | 1375.8, | 1586.8, | 0.0); | ( 389876.6, |
| 3823691.5,  | 1381.4,    | 1586.8, | 0.0);   |       |             |
| ( 389854.6, | 3823682.3, | 1385.7, | 1586.8, | 0.0); | ( 389832.6, |
| 3823673.0,  | 1390.5,    | 1586.8, | 0.0);   |       |             |
| ( 389810.5, | 3823663.7, | 1394.9, | 1586.8, | 0.0); | ( 389788.5, |
| 3823654.5,  | 1396.9,    | 1586.8, | 0.0);   |       |             |
| ( 389766.4, | 3823645.2, | 1396.6, | 1586.8, | 0.0); | ( 389744.4, |
| 3823635.9,  | 1395.3,    | 1586.8, | 0.0);   |       |             |
| ( 389722.3, | 3823626.7, | 1392.1, | 1586.8, | 0.0); | ( 389700.3, |
| 3823617.4,  | 1385.9,    | 1586.8, | 0.0);   |       |             |
| ( 389678.3, | 3823608.1, | 1379.6, | 1586.8, | 0.0); | ( 389656.2, |
| 3823598.8,  | 1375.4,    | 1586.8, | 0.0);   |       |             |
| ( 389634.2, | 3823589.6, | 1372.4, | 1586.8, | 0.0); | ( 389612.1, |
| 3823580.3,  | 1371.9,    | 1586.8, | 0.0);   |       |             |
| ( 389590.1, | 3823571.0, | 1379.2, | 1586.8, | 0.0); | ( 389568.0, |
| 3823561.8,  | 1390.6,    | 1586.8, | 0.0);   |       |             |
| ( 389546.0, | 3823552.5, | 1400.9, | 1586.8, | 0.0); | ( 389524.0, |
| 3823543.2,  | 1408.4,    | 1586.8, | 0.0);   |       |             |
| ( 389501.9, | 3823534.0, | 1409.1, | 1586.8, | 0.0); | ( 389479.9, |
| 3823524.7,  | 1404.3,    | 1586.8, | 0.0);   |       |             |
| ( 389457.8, | 3823515.4, | 1398.6, | 1586.8, | 0.0); | ( 389435.8, |

```

3823506.2, 1395.2, 1586.8, 0.0);
(389413.7, 3823496.9, 1398.3, 1586.8, 0.0); (389391.7,
3823487.6, 1407.9, 1586.8, 0.0);
(389369.6, 3823478.3, 1420.2, 1586.8, 0.0); (389347.6,
3823469.1, 1431.2, 1586.8, 0.0);
(389325.6, 3823459.8, 1434.6, 1586.8, 0.0); (389303.5,
3823450.5, 1429.7, 1586.8, 0.0);
(389281.5, 3823441.3, 1422.1, 1586.8, 0.0); (389259.4,
3823432.0, 1419.0, 1586.8, 0.0);
(389237.4, 3823422.7, 1423.1, 1586.8, 0.0); (389215.3,
3823413.5, 1432.3, 1586.8, 0.0);
(389193.3, 3823404.2, 1441.3, 1586.8, 0.0); (389171.3,
3823394.9, 1446.8, 1586.8, 0.0);
(389149.2, 3823385.6, 1449.7, 1586.8, 0.0); (389127.2,
3823376.4, 1454.1, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 41

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(389105.1, 3823367.1, 1462.0, 1586.8, 0.0); (389083.1,
3823357.8, 1473.1, 1586.8, 0.0);
(389061.0, 3823348.6, 1486.1, 1586.8, 0.0); (389039.0,
3823339.3, 1497.6, 1586.8, 0.0);
(389017.0, 3823330.0, 1504.7, 1586.8, 0.0); (388994.9,
3823320.8, 1507.2, 1586.8, 0.0);
(388972.9, 3823311.5, 1508.0, 1586.8, 0.0); (388950.8,
3823302.2, 1507.8, 1586.8, 0.0);
(388928.8, 3823293.0, 1504.0, 1586.8, 0.0); (388906.7,
3823283.7, 1495.8, 1586.8, 0.0);
(388884.7, 3823274.4, 1485.3, 1586.8, 0.0); (388862.6,
3823265.1, 1475.7, 1586.8, 0.0);
(388840.6, 3823255.9, 1466.8, 1586.8, 0.0); (388818.6,
3823246.6, 1462.4, 1586.8, 0.0);
(388796.5, 3823237.3, 1462.9, 1586.8, 0.0); (388774.5,
3823228.1, 1464.0, 1586.8, 0.0);
(388752.4, 3823218.8, 1464.6, 1586.8, 0.0); (388730.4,
3823209.5, 1466.5, 1586.8, 0.0);
(388708.3, 3823200.3, 1468.7, 1586.8, 0.0); (388686.3,
3823191.0, 1469.0, 1586.8, 0.0);
(388664.3, 3823181.7, 1467.0, 1586.8, 0.0); (388642.2,
3823172.5, 1461.3, 1586.8, 0.0);
(388620.2, 3823163.2, 1453.0, 1587.8, 0.0); (388598.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823153.9,  | 1443.1,    | 1587.8, | 0.0);   |       |             |
| ( 388576.1, | 3823144.6, | 1431.9, | 1588.1, | 0.0); | ( 388554.0, |
| 3823135.4,  | 1421.0,    | 1590.0, | 0.0);   |       |             |
| ( 388532.0, | 3823126.1, | 1410.8, | 1590.0, | 0.0); | ( 388510.0, |
| 3823116.8,  | 1400.6,    | 1590.1, | 0.0);   |       |             |
| ( 388487.9, | 3823107.6, | 1391.0, | 1590.1, | 0.0); | ( 388465.9, |
| 3823098.3,  | 1386.2,    | 1590.1, | 0.0);   |       |             |
| ( 388443.8, | 3823089.0, | 1388.2, | 1590.1, | 0.0); | ( 388421.8, |
| 3823079.8,  | 1395.8,    | 1590.1, | 0.0);   |       |             |
| ( 388399.7, | 3823070.5, | 1402.7, | 1590.1, | 0.0); | ( 388377.7, |
| 3823061.2,  | 1405.2,    | 1590.1, | 0.0);   |       |             |
| ( 388355.6, | 3823051.9, | 1406.5, | 1590.1, | 0.0); | ( 388333.6, |
| 3823042.7,  | 1408.0,    | 1590.1, | 0.0);   |       |             |
| ( 388311.6, | 3823033.4, | 1411.0, | 1590.1, | 0.0); | ( 388289.5, |
| 3823024.1,  | 1415.8,    | 1590.1, | 0.0);   |       |             |
| ( 388267.5, | 3823014.9, | 1421.9, | 1590.1, | 0.0); | ( 388245.4, |
| 3823005.6,  | 1427.2,    | 1590.1, | 0.0);   |       |             |
| ( 388223.4, | 3822996.3, | 1428.7, | 1590.1, | 0.0); | ( 388201.3, |
| 3822987.1,  | 1425.0,    | 1590.1, | 0.0);   |       |             |
| ( 388179.3, | 3822977.8, | 1416.7, | 1590.1, | 0.0); | ( 388147.9, |
| 3822946.5,  | 1397.9,    | 1590.1, | 0.0);   |       |             |
| ( 388138.5, | 3822924.5, | 1389.3, | 1590.1, | 0.0); | ( 388129.1, |
| 3822902.6,  | 1382.9,    | 1590.1, | 0.0);   |       |             |
| ( 388119.7, | 3822880.6, | 1376.5, | 1590.1, | 0.0); | ( 388110.3, |
| 3822858.6,  | 1369.9,    | 1590.1, | 0.0);   |       |             |
| ( 388100.9, | 3822836.6, | 1363.2, | 1590.1, | 0.0); | ( 388091.5, |
| 3822814.6,  | 1357.2,    | 1590.1, | 0.0);   |       |             |
| ( 388082.1, | 3822792.6, | 1351.2, | 1590.1, | 0.0); | ( 388072.7, |
| 3822770.6,  | 1344.5,    | 1590.1, | 0.0);   |       |             |
| ( 388063.3, | 3822748.6, | 1335.8, | 1590.1, | 0.0); | ( 388053.9, |
| 3822726.7,  | 1323.4,    | 1590.1, | 0.0);   |       |             |
| ( 388044.5, | 3822704.7, | 1311.2, | 1590.1, | 0.0); | ( 388035.1, |
| 3822682.7,  | 1300.4,    | 1590.1, | 0.0);   |       |             |
| ( 388025.7, | 3822660.7, | 1292.5, | 1590.1, | 0.0); | ( 388016.3, |
| 3822638.7,  | 1288.2,    | 1590.1, | 0.0);   |       |             |
| ( 388006.9, | 3822616.7, | 1287.3, | 1590.1, | 0.0); | ( 387997.5, |
| 3822594.7,  | 1287.9,    | 1590.1, | 0.0);   |       |             |
| ( 387988.0, | 3822572.8, | 1290.3, | 1590.1, | 0.0); | ( 387978.6, |
| 3822550.8,  | 1294.7,    | 1590.1, | 0.0);   |       |             |
| ( 387969.2, | 3822528.8, | 1298.3, | 1590.1, | 0.0); | ( 387959.8, |
| 3822506.8,  | 1300.3,    | 1590.1, | 0.0);   |       |             |
| ( 387950.5, | 3822484.8, | 1298.1, | 1590.1, | 0.0); | ( 387941.0, |
| 3822462.8,  | 1292.6,    | 1590.1, | 0.0);   |       |             |
| ( 387931.6, | 3822440.8, | 1282.9, | 1590.1, | 0.0); | ( 387922.2, |
| 3822418.8,  | 1270.7,    | 1590.1, | 0.0);   |       |             |
| ( 387912.8, | 3822396.8, | 1260.3, | 1590.1, | 0.0); | ( 387903.5, |
| 3822374.8,  | 1254.2,    | 1590.1, | 0.0);   |       |             |
| ( 387894.0, | 3822352.9, | 1250.1, | 1590.1, | 0.0); | ( 387884.6, |
| 3822330.9,  | 1244.6,    | 1590.1, | 0.0);   |       |             |
| ( 387875.2, | 3822308.9, | 1235.7, | 1590.1, | 0.0); | ( 387865.8, |

```

3822286.9, 1225.3, 1590.1, 0.0);
(387856.5, 3822264.9, 1215.0, 1590.1, 0.0); (387847.0,
3822242.9, 1208.6, 1590.1, 0.0);
(387837.6, 3822220.9, 1206.5, 1590.1, 0.0); (387828.2,
3822198.9, 1206.2, 1590.1, 0.0);
(387818.8, 3822177.0, 1201.5, 1590.1, 0.0); (387809.5,
3822155.0, 1195.3, 1590.1, 0.0);
(387800.0, 3822133.0, 1188.1, 1590.1, 0.0); (387790.6,
3822111.0, 1178.8, 1590.1, 0.0);
(387781.2, 3822089.0, 1169.9, 1590.1, 0.0); (387771.8,
3822067.0, 1163.2, 1590.1, 0.0);
(387762.5, 3822045.0, 1159.8, 1590.1, 0.0); (387753.0,
3822023.0, 1158.2, 1590.1, 0.0);
(387743.6, 3822001.1, 1156.5, 1590.1, 0.0); (387734.2,
3821979.1, 1154.5, 1590.1, 0.0);
(387724.8, 3821957.1, 1152.1, 1590.1, 0.0); (387715.5,
3821935.1, 1149.5, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 42

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(387706.0, 3821913.1, 1146.6, 1590.1, 0.0); (387696.6,
3821891.1, 1143.8, 1590.1, 0.0);
(387687.2, 3821869.1, 1141.2, 1590.1, 0.0); (387677.8,
3821847.1, 1138.5, 1590.1, 0.0);
(387668.4, 3821825.2, 1135.7, 1590.1, 0.0); (387659.0,
3821803.2, 1133.2, 1590.1, 0.0);
(387649.6, 3821781.2, 1130.6, 1590.1, 0.0); (387640.2,
3821759.2, 1128.0, 1590.1, 0.0);
(387630.8, 3821737.2, 1125.5, 1590.1, 0.0); (387621.4,
3821715.2, 1123.1, 1590.1, 0.0);
(387612.0, 3821693.2, 1121.2, 1590.1, 0.0); (387602.6,
3821671.2, 1119.0, 1590.1, 0.0);
(387593.2, 3821649.2, 1117.0, 1590.1, 0.0); (387583.8,
3821627.3, 1114.8, 1590.1, 0.0);
(387574.4, 3821605.3, 1112.6, 1590.1, 0.0); (387565.0,
3821583.3, 1110.5, 1590.1, 0.0);
(387555.6, 3821561.3, 1108.2, 1590.1, 0.0); (387546.2,
3821539.3, 1106.2, 1590.1, 0.0);
(387536.8, 3821517.3, 1104.3, 1590.1, 0.0); (387527.4,
3821495.3, 1102.1, 1590.1, 0.0);
(387518.0, 3821473.3, 1099.9, 1590.1, 0.0); (387508.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821451.4,  | 1097.6,    | 1590.1, | 0.0);   |       |             |
| ( 387499.2, | 3821429.4, | 1095.3, | 1590.1, | 0.0); | ( 387489.8, |
| 3821407.4,  | 1093.2,    | 1590.1, | 0.0);   |       |             |
| ( 387480.4, | 3821385.4, | 1090.9, | 1590.1, | 0.0); | ( 387471.0, |
| 3821363.4,  | 1088.6,    | 1590.1, | 0.0);   |       |             |
| ( 387461.6, | 3821341.4, | 1086.3, | 1590.1, | 0.0); | ( 387452.2, |
| 3821319.4,  | 1084.4,    | 1590.1, | 0.0);   |       |             |
| ( 387442.8, | 3821297.4, | 1082.7, | 1590.1, | 0.0); | ( 387433.4, |
| 3821275.5,  | 1080.8,    | 1590.1, | 0.0);   |       |             |
| ( 387424.0, | 3821253.5, | 1079.1, | 1590.1, | 0.0); | ( 387414.6, |
| 3821231.5,  | 1077.1,    | 1590.1, | 0.0);   |       |             |
| ( 387405.2, | 3821209.5, | 1075.4, | 1590.1, | 0.0); | ( 387395.8, |
| 3821187.5,  | 1073.8,    | 1590.1, | 0.0);   |       |             |
| ( 387386.4, | 3821165.5, | 1072.0, | 1590.1, | 0.0); | ( 387377.0, |
| 3821143.5,  | 1070.4,    | 1590.1, | 0.0);   |       |             |
| ( 387367.6, | 3821121.5, | 1068.8, | 1590.1, | 0.0); | ( 387358.2, |
| 3821099.6,  | 1067.2,    | 1590.1, | 0.0);   |       |             |
| ( 387348.8, | 3821077.6, | 1065.9, | 1590.1, | 0.0); | ( 387339.4, |
| 3821055.6,  | 1064.4,    | 1590.1, | 0.0);   |       |             |
| ( 387330.0, | 3821033.6, | 1063.1, | 1590.1, | 0.0); | ( 387320.6, |
| 3821011.6,  | 1061.7,    | 1590.1, | 0.0);   |       |             |
| ( 387311.2, | 3820989.6, | 1060.0, | 1590.1, | 0.0); | ( 387301.8, |
| 3820967.6,  | 1058.4,    | 1590.1, | 0.0);   |       |             |
| ( 387292.4, | 3820945.6, | 1056.7, | 1590.1, | 0.0); | ( 387283.0, |
| 3820923.6,  | 1055.3,    | 1590.1, | 0.0);   |       |             |
| ( 387273.6, | 3820901.7, | 1054.0, | 1590.1, | 0.0); | ( 387264.2, |
| 3820879.7,  | 1052.6,    | 1590.1, | 0.0);   |       |             |
| ( 387254.8, | 3820857.7, | 1051.1, | 1590.1, | 0.0); | ( 387245.4, |
| 3820835.7,  | 1049.9,    | 1590.1, | 0.0);   |       |             |
| ( 387236.0, | 3820813.7, | 1048.8, | 1590.1, | 0.0); | ( 387226.6, |
| 3820791.7,  | 1047.8,    | 1590.1, | 0.0);   |       |             |
| ( 387217.2, | 3820769.7, | 1046.4, | 1590.1, | 0.0); | ( 387207.8, |
| 3820747.8,  | 1045.0,    | 1590.1, | 0.0);   |       |             |
| ( 387198.4, | 3820725.8, | 1043.6, | 1590.1, | 0.0); | ( 387189.0, |
| 3820703.8,  | 1042.2,    | 1590.1, | 0.0);   |       |             |
| ( 387179.6, | 3820681.8, | 1041.0, | 1590.1, | 0.0); | ( 387170.2, |
| 3820659.8,  | 1039.6,    | 1590.1, | 0.0);   |       |             |
| ( 387160.8, | 3820637.8, | 1038.1, | 1590.1, | 0.0); | ( 387151.4, |
| 3820615.8,  | 1037.1,    | 1590.1, | 0.0);   |       |             |
| ( 387142.0, | 3820593.8, | 1035.7, | 1590.1, | 0.0); | ( 387132.6, |
| 3820571.8,  | 1034.3,    | 1590.1, | 0.0);   |       |             |
| ( 387123.2, | 3820549.9, | 1033.0, | 1590.1, | 0.0); | ( 387113.8, |
| 3820527.9,  | 1031.6,    | 1590.1, | 0.0);   |       |             |
| ( 387104.4, | 3820505.9, | 1030.3, | 1590.1, | 0.0); | ( 387095.0, |
| 3820483.9,  | 1029.1,    | 1590.1, | 0.0);   |       |             |
| ( 387085.6, | 3820461.9, | 1027.8, | 1590.1, | 0.0); | ( 387076.2, |
| 3820439.9,  | 1026.5,    | 1590.1, | 0.0);   |       |             |
| ( 387066.8, | 3820417.9, | 1025.3, | 1590.1, | 0.0); | ( 387057.4, |
| 3820395.9,  | 1024.0,    | 1590.1, | 0.0);   |       |             |
| ( 387048.0, | 3820373.9, | 1022.4, | 1590.1, | 0.0); | ( 387038.6, |

```

3820352.0, 1020.8, 1590.1, 0.0);
(387029.2, 3820330.0, 1019.4, 1590.1, 0.0); (387019.8,
3820308.0, 1018.2, 1590.1, 0.0);
(387010.4, 3820286.0, 1017.2, 1590.1, 0.0); (387001.0,
3820264.0, 1016.2, 1590.1, 0.0);
(386991.6, 3820242.0, 1014.9, 1590.1, 0.0); (386982.2,
3820220.0, 1013.7, 1590.1, 0.0);
(386972.8, 3820198.0, 1012.5, 1590.1, 0.0); (386963.4,
3820176.1, 1011.3, 1590.1, 0.0);
(386954.0, 3820154.1, 1010.2, 1590.1, 0.0); (386944.6,
3820132.1, 1008.9, 1590.1, 0.0);
(386935.2, 3820110.1, 1007.8, 1590.1, 0.0); (386925.8,
3820088.1, 1006.9, 1590.1, 0.0);
(386916.4, 3820066.1, 1005.8, 1590.1, 0.0); (386907.0,
3820044.1, 1004.5, 1590.1, 0.0);
(386897.6, 3820022.1, 1003.1, 1590.1, 0.0); (386888.2,
3820000.2, 1002.0, 1590.1, 0.0);
(386878.8, 3819978.2, 1001.1, 1590.1, 0.0); (386869.4,
3819956.2, 999.8, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 43

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(386860.0, 3819934.2, 998.3, 1590.1, 0.0); (386850.6,
3819912.2, 996.8, 1590.1, 0.0);
(386841.2, 3819890.2, 995.6, 1590.1, 0.0); (386831.8,
3819868.2, 994.4, 1590.1, 0.0);
(386822.4, 3819846.2, 992.9, 1590.1, 0.0); (386813.0,
3819824.3, 991.6, 1590.1, 0.0);
(386803.6, 3819802.3, 990.2, 1590.1, 0.0); (386794.2,
3819780.3, 988.4, 1590.1, 0.0);
(386784.8, 3819758.3, 987.2, 1590.1, 0.0); (386775.4,
3819736.3, 986.1, 1590.1, 0.0);
(386766.0, 3819714.3, 985.2, 1590.1, 0.0); (386756.6,
3819692.3, 984.2, 1590.1, 0.0);
(386747.2, 3819670.3, 983.3, 1590.1, 0.0); (386737.8,
3819648.3, 982.4, 1590.1, 0.0);
(386728.4, 3819626.4, 981.5, 1590.1, 0.0); (386719.0,
3819604.4, 981.0, 1590.1, 0.0);
(386709.6, 3819582.4, 980.2, 1590.1, 0.0); (386700.2,
3819560.4, 979.3, 1590.1, 0.0);
(386690.8, 3819538.4, 978.5, 1590.1, 0.0); (386681.4,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819516.4,  | 977.6,     | 1590.1, | 0.0);   |       |             |
| ( 386672.0, | 3819494.4, | 976.8,  | 1590.1, | 0.0); | ( 386662.6, |
| 3819472.4,  | 975.8,     | 1590.1, | 0.0);   |       |             |
| ( 386653.2, | 3819450.5, | 974.4,  | 1590.1, | 0.0); | ( 386643.8, |
| 3819428.5,  | 973.3,     | 1590.1, | 0.0);   |       |             |
| ( 386634.4, | 3819406.5, | 972.4,  | 1590.1, | 0.0); | ( 386625.0, |
| 3819384.5,  | 971.3,     | 1590.1, | 0.0);   |       |             |
| ( 386615.6, | 3819362.5, | 970.7,  | 1590.1, | 0.0); | ( 386606.2, |
| 3819340.5,  | 969.7,     | 1590.1, | 0.0);   |       |             |
| ( 386596.8, | 3819318.5, | 968.2,  | 1590.1, | 0.0); | ( 386587.4, |
| 3819296.5,  | 965.9,     | 1590.1, | 0.0);   |       |             |
| ( 386578.0, | 3819274.6, | 964.3,  | 1590.1, | 0.0); | ( 386568.6, |
| 3819252.6,  | 963.5,     | 1590.1, | 0.0);   |       |             |
| ( 386559.2, | 3819230.6, | 963.8,  | 1590.1, | 0.0); | ( 386549.8, |
| 3819208.6,  | 965.2,     | 1590.1, | 0.0);   |       |             |
| ( 386540.4, | 3819186.6, | 965.8,  | 1590.1, | 0.0); | ( 386531.0, |
| 3819164.6,  | 965.2,     | 1590.1, | 0.0);   |       |             |
| ( 386521.6, | 3819142.6, | 964.4,  | 1590.1, | 0.0); | ( 386512.2, |
| 3819120.6,  | 963.5,     | 1590.1, | 0.0);   |       |             |
| ( 386502.8, | 3819098.7, | 962.8,  | 1590.1, | 0.0); | ( 386493.4, |
| 3819076.7,  | 961.9,     | 1590.1, | 0.0);   |       |             |
| ( 386484.0, | 3819054.7, | 961.3,  | 1590.1, | 0.0); | ( 386474.6, |
| 3819032.7,  | 960.7,     | 1590.1, | 0.0);   |       |             |
| ( 386465.2, | 3819010.7, | 959.9,  | 1590.1, | 0.0); | ( 386455.8, |
| 3818988.7,  | 959.2,     | 1590.1, | 0.0);   |       |             |
| ( 386446.4, | 3818966.7, | 958.2,  | 1590.1, | 0.0); | ( 386437.0, |
| 3818944.7,  | 957.0,     | 1590.1, | 0.0);   |       |             |
| ( 386427.6, | 3818922.8, | 955.9,  | 1590.1, | 0.0); | ( 386418.2, |
| 3818900.8,  | 954.2,     | 1590.1, | 0.0);   |       |             |
| ( 386408.8, | 3818878.8, | 953.0,  | 1590.1, | 0.0); | ( 386399.4, |
| 3818856.8,  | 951.5,     | 1590.1, | 0.0);   |       |             |
| ( 386390.0, | 3818834.8, | 949.2,  | 1590.1, | 0.0); | ( 386380.6, |
| 3818812.8,  | 948.8,     | 1590.1, | 0.0);   |       |             |
| ( 386371.2, | 3818790.8, | 949.3,  | 1590.1, | 0.0); | ( 386361.8, |
| 3818768.8,  | 950.5,     | 1590.1, | 0.0);   |       |             |
| ( 386352.4, | 3818746.8, | 951.7,  | 1590.1, | 0.0); | ( 386343.0, |
| 3818724.9,  | 954.0,     | 1590.1, | 0.0);   |       |             |
| ( 386333.6, | 3818702.9, | 957.3,  | 1590.1, | 0.0); | ( 386324.2, |
| 3818680.9,  | 961.1,     | 1590.1, | 0.0);   |       |             |
| ( 386314.8, | 3818658.9, | 959.7,  | 1590.1, | 0.0); | ( 386305.4, |
| 3818636.9,  | 958.4,     | 1590.1, | 0.0);   |       |             |
| ( 386296.0, | 3818614.9, | 959.6,  | 1590.1, | 0.0); | ( 386286.6, |
| 3818592.9,  | 964.8,     | 1590.1, | 0.0);   |       |             |
| ( 386277.2, | 3818570.9, | 971.1,  | 1590.1, | 0.0); | ( 386267.8, |
| 3818549.0,  | 975.7,     | 1590.1, | 0.0);   |       |             |
| ( 386258.4, | 3818527.0, | 975.8,  | 1590.1, | 0.0); | ( 386249.0, |
| 3818505.0,  | 977.0,     | 1590.1, | 0.0);   |       |             |
| ( 386239.6, | 3818483.0, | 979.2,  | 1590.1, | 0.0); | ( 386230.2, |
| 3818461.0,  | 981.6,     | 1590.1, | 0.0);   |       |             |
| ( 386220.8, | 3818439.0, | 983.8,  | 1590.1, | 0.0); | ( 386211.4, |

```

3818417.0, 986.5, 1590.1, 0.0);
(386202.0, 3818395.0, 989.7, 1590.1, 0.0); (386192.6,
3818373.0, 993.2, 1590.1, 0.0);
(386183.2, 3818351.1, 997.8, 1590.1, 0.0); (386173.8,
3818329.1, 1001.6, 1590.1, 0.0);
(386164.4, 3818307.1, 1004.7, 1590.1, 0.0); (386155.0,
3818285.1, 1008.7, 1590.1, 0.0);
(386145.6, 3818263.1, 1012.4, 1590.1, 0.0); (386136.2,
3818241.1, 1013.9, 1590.1, 0.0);
(386126.8, 3818219.1, 1014.6, 1590.1, 0.0); (386117.4,
3818197.1, 1014.2, 1590.1, 0.0);
(386108.0, 3818175.2, 1014.3, 1590.1, 0.0); (386098.6,
3818153.2, 1015.8, 1590.1, 0.0);
(386089.2, 3818131.2, 1020.3, 1590.1, 0.0); (386079.8,
3818109.2, 1022.9, 1590.1, 0.0);
(386070.4, 3818087.2, 1025.3, 1590.1, 0.0); (386061.0,
3818065.2, 1028.4, 1590.1, 0.0);
(386051.6, 3818043.2, 1033.6, 1590.1, 0.0); (386042.2,
3818021.2, 1039.2, 1590.1, 0.0);
(386032.8, 3817999.3, 1045.8, 1590.1, 0.0); (386023.4,
3817977.3, 1051.9, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 44

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(386014.0, 3817955.3, 1059.6, 1590.1, 0.0); (386004.6,
3817933.3, 1068.9, 1588.6, 0.0);
(385995.2, 3817911.3, 1080.1, 1147.8, 0.0); (385985.8,
3817889.3, 1092.6, 1147.8, 0.0);
(385976.4, 3817867.3, 1104.0, 1147.8, 0.0); (385967.0,
3817845.3, 1114.4, 1147.8, 0.0);
(385957.6, 3817823.4, 1123.2, 1147.8, 0.0); (385948.2,
3817801.4, 1131.1, 1147.8, 0.0);
(385938.8, 3817779.4, 1135.9, 1147.7, 0.0); (385929.4,
3817757.4, 1138.1, 1147.7, 0.0);
(385920.0, 3817735.4, 1136.6, 1147.7, 0.0); (385910.6,
3817713.4, 1135.4, 1147.7, 0.0);
(385901.2, 3817691.4, 1133.5, 1147.7, 0.0); (385891.8,
3817669.4, 1130.6, 1147.7, 0.0);
(385882.4, 3817647.4, 1126.3, 1147.8, 0.0); (385873.0,
3817625.5, 1120.0, 1147.8, 0.0);
(385863.6, 3817603.5, 1112.7, 1147.8, 0.0); (385854.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817581.5,  | 1104.9,    | 1147.8, | 0.0);   |       |             |
| ( 385844.8, | 3817559.5, | 1097.2, | 1147.8, | 0.0); | ( 385835.4, |
| 3817537.5,  | 1090.2,    | 1147.8, | 0.0);   |       |             |
| ( 385826.0, | 3817515.5, | 1082.6, | 1147.8, | 0.0); | ( 385816.6, |
| 3817493.5,  | 1073.5,    | 1147.8, | 0.0);   |       |             |
| ( 385807.2, | 3817471.5, | 1063.3, | 1147.8, | 0.0); | ( 385797.8, |
| 3817449.6,  | 1056.1,    | 1147.8, | 0.0);   |       |             |
| ( 385788.4, | 3817427.6, | 1051.3, | 1147.8, | 0.0); | ( 385779.0, |
| 3817405.6,  | 1049.4,    | 1147.8, | 0.0);   |       |             |
| ( 385769.6, | 3817383.6, | 1048.9, | 1147.8, | 0.0); | ( 385760.2, |
| 3817361.6,  | 1046.9,    | 1147.8, | 0.0);   |       |             |
| ( 385750.8, | 3817339.6, | 1043.0, | 1147.8, | 0.0); | ( 385741.4, |
| 3817317.6,  | 1037.7,    | 1147.8, | 0.0);   |       |             |
| ( 385732.0, | 3817295.6, | 1031.0, | 1147.8, | 0.0); | ( 385722.6, |
| 3817273.7,  | 1024.8,    | 1147.8, | 0.0);   |       |             |
| ( 385713.2, | 3817251.7, | 1019.8, | 1147.8, | 0.0); | ( 385703.8, |
| 3817229.7,  | 1015.5,    | 1147.8, | 0.0);   |       |             |
| ( 385694.4, | 3817207.7, | 1010.5, | 1147.8, | 0.0); | ( 385685.0, |
| 3817185.7,  | 1007.5,    | 1147.8, | 0.0);   |       |             |
| ( 385675.6, | 3817163.7, | 1004.8, | 1147.8, | 0.0); | ( 385666.2, |
| 3817141.7,  | 1002.0,    | 1147.8, | 0.0);   |       |             |
| ( 385656.8, | 3817119.7, | 999.9,  | 1147.8, | 0.0); | ( 385647.4, |
| 3817097.8,  | 999.1,     | 1147.8, | 0.0);   |       |             |
| ( 385638.0, | 3817075.8, | 998.6,  | 1147.8, | 0.0); | ( 385628.6, |
| 3817053.8,  | 998.0,     | 1147.8, | 0.0);   |       |             |
| ( 385619.2, | 3817031.8, | 997.9,  | 1147.8, | 0.0); | ( 385609.8, |
| 3817009.8,  | 999.3,     | 1147.8, | 0.0);   |       |             |
| ( 385600.4, | 3816987.8, | 1000.7, | 1147.8, | 0.0); | ( 385591.0, |
| 3816965.8,  | 1001.1,    | 1147.8, | 0.0);   |       |             |
| ( 385581.6, | 3816943.8, | 1001.7, | 1147.8, | 0.0); | ( 385572.2, |
| 3816921.8,  | 1001.9,    | 1147.8, | 0.0);   |       |             |
| ( 385562.8, | 3816899.9, | 1002.3, | 1147.8, | 0.0); | ( 385553.4, |
| 3816877.9,  | 1005.2,    | 1147.8, | 0.0);   |       |             |
| ( 385544.0, | 3816855.9, | 1009.0, | 1147.8, | 0.0); | ( 385534.6, |
| 3816833.9,  | 1012.6,    | 1147.8, | 0.0);   |       |             |
| ( 385525.2, | 3816811.9, | 1014.8, | 1147.8, | 0.0); | ( 385515.8, |
| 3816789.9,  | 1015.0,    | 1147.8, | 0.0);   |       |             |
| ( 385506.4, | 3816767.9, | 1016.5, | 1147.8, | 0.0); | ( 385497.0, |
| 3816745.9,  | 1018.3,    | 1147.8, | 0.0);   |       |             |
| ( 385487.6, | 3816724.0, | 1019.7, | 1147.8, | 0.0); | ( 385478.2, |
| 3816702.0,  | 1016.7,    | 1147.8, | 0.0);   |       |             |
| ( 385468.8, | 3816680.0, | 1012.3, | 1147.8, | 0.0); | ( 385459.4, |
| 3816658.0,  | 1006.8,    | 1147.8, | 0.0);   |       |             |
| ( 394505.8, | 3825638.1, | 871.0,  | 1586.8, | 0.0); | ( 394529.7, |
| 3825638.5,  | 871.0,     | 1586.8, | 0.0);   |       |             |
| ( 394553.6, | 3825638.8, | 870.6,  | 1586.8, | 0.0); | ( 394577.5, |
| 3825639.1,  | 869.3,     | 1586.8, | 0.0);   |       |             |
| ( 394601.5, | 3825639.4, | 867.9,  | 1586.8, | 0.0); | ( 394625.4, |
| 3825639.8,  | 867.5,     | 1586.8, | 0.0);   |       |             |
| ( 394649.3, | 3825640.1, | 867.4,  | 1586.8, | 0.0); | ( 394673.3, |

```

3825640.4, 867.1, 1586.8, 0.0);
(394697.2, 3825640.8, 866.7, 1586.8, 0.0); (394721.1,
3825641.1, 866.6, 1586.8, 0.0);
(394745.1, 3825641.4, 866.4, 1586.8, 0.0); (394769.0,
3825641.7, 866.1, 1586.8, 0.0);
(394792.9, 3825642.1, 865.9, 1586.8, 0.0); (394816.9,
3825642.4, 865.7, 1586.8, 0.0);
(394840.8, 3825642.7, 865.4, 1586.8, 0.0); (394864.7,
3825643.0, 865.1, 1586.8, 0.0);
(394888.7, 3825643.4, 864.5, 1586.8, 0.0); (394912.6,
3825643.7, 863.7, 1586.8, 0.0);
(394936.5, 3825644.0, 862.8, 1586.8, 0.0); (394465.5,
3826962.1, 888.3, 1582.1, 0.0);
(394443.4, 3826952.8, 891.3, 1580.7, 0.0); (394421.4,
3826943.5, 893.8, 1580.7, 0.0);
(394399.4, 3826934.3, 896.4, 1580.7, 0.0); (394377.3,
3826925.0, 898.2, 1580.7, 0.0);
(394355.3, 3826915.8, 900.1, 1582.1, 0.0); (394333.3,
3826906.5, 902.2, 1582.1, 0.0);
(394311.2, 3826897.2, 906.9, 986.8, 0.0); (394289.2,
3826888.0, 910.1, 986.8, 0.0);
(394267.2, 3826878.7, 911.3, 986.8, 0.0); (394245.2,
3826869.4, 912.8, 1580.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 45

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394223.1, 3826860.2, 915.8, 986.8, 0.0); (394201.1,
3826850.9, 919.7, 986.8, 0.0);
(394179.1, 3826841.6, 924.5, 986.8, 0.0); (394157.0,
3826832.4, 929.6, 986.8, 0.0);
(394135.0, 3826823.1, 933.8, 986.8, 0.0); (394113.0,
3826813.8, 935.9, 986.8, 0.0);
(394090.9, 3826804.6, 936.6, 986.8, 0.0); (394068.9,
3826795.3, 938.2, 986.8, 0.0);
(394046.9, 3826786.1, 942.9, 986.8, 0.0); (394024.8,
3826776.8, 950.5, 986.8, 0.0);
(394002.8, 3826767.5, 957.9, 986.8, 0.0); (393980.8,
3826758.3, 965.3, 985.9, 0.0);
(393958.8, 3826749.0, 973.0, 983.9, 0.0); (393936.7,
3826739.7, 979.2, 983.9, 0.0);
(393914.7, 3826730.5, 982.4, 982.4, 0.0); (393892.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3826721.2,  | 979.3,     | 983.9,  | 0.0);   |       |             |
| ( 393870.6, | 3826711.9, | 974.2,  | 983.9,  | 0.0); | ( 393848.6, |
| 3826702.7,  | 968.8,     | 983.9,  | 0.0);   |       |             |
| ( 393826.6, | 3826693.4, | 963.8,  | 983.9,  | 0.0); | ( 393804.5, |
| 3826684.1,  | 960.8,     | 983.9,  | 0.0);   |       |             |
| ( 393782.5, | 3826674.9, | 959.5,  | 1583.4, | 0.0); | ( 393760.5, |
| 3826665.6,  | 959.9,     | 1584.3, | 0.0);   |       |             |
| ( 393738.4, | 3826656.4, | 961.6,  | 1585.0, | 0.0); | ( 393716.4, |
| 3826647.1,  | 963.7,     | 1585.0, | 0.0);   |       |             |
| ( 393694.4, | 3826637.8, | 964.2,  | 1586.8, | 0.0); | ( 393672.3, |
| 3826628.6,  | 961.4,     | 1586.8, | 0.0);   |       |             |
| ( 393650.3, | 3826619.3, | 958.1,  | 1586.8, | 0.0); | ( 393628.3, |
| 3826610.0,  | 955.1,     | 1586.8, | 0.0);   |       |             |
| ( 393606.3, | 3826600.8, | 952.5,  | 1586.8, | 0.0); | ( 393584.2, |
| 3826591.5,  | 949.5,     | 1586.8, | 0.0);   |       |             |
| ( 393562.2, | 3826582.2, | 943.8,  | 1586.8, | 0.0); | ( 393540.2, |
| 3826573.0,  | 937.9,     | 1586.8, | 0.0);   |       |             |
| ( 393518.1, | 3826563.7, | 935.0,  | 1586.8, | 0.0); | ( 393496.1, |
| 3826554.4,  | 930.8,     | 1586.8, | 0.0);   |       |             |
| ( 393474.1, | 3826545.2, | 926.6,  | 1586.8, | 0.0); | ( 393452.0, |
| 3826535.9,  | 925.4,     | 1586.8, | 0.0);   |       |             |
| ( 393430.0, | 3826526.7, | 927.5,  | 1586.8, | 0.0); | ( 393408.0, |
| 3826517.4,  | 930.4,     | 1586.8, | 0.0);   |       |             |
| ( 393386.0, | 3826508.1, | 928.5,  | 1586.8, | 0.0); | ( 393363.9, |
| 3826498.9,  | 926.5,     | 1586.8, | 0.0);   |       |             |
| ( 393341.9, | 3826489.6, | 925.1,  | 1586.8, | 0.0); | ( 393319.8, |
| 3826480.3,  | 923.6,     | 1586.8, | 0.0);   |       |             |
| ( 393297.8, | 3826471.1, | 921.9,  | 1586.8, | 0.0); | ( 393275.8, |
| 3826461.8,  | 920.5,     | 1586.8, | 0.0);   |       |             |
| ( 393253.8, | 3826452.5, | 919.3,  | 1586.8, | 0.0); | ( 393231.7, |
| 3826443.3,  | 918.1,     | 1586.8, | 0.0);   |       |             |
| ( 393209.7, | 3826434.0, | 917.1,  | 1586.8, | 0.0); | ( 393187.7, |
| 3826424.8,  | 916.6,     | 1586.8, | 0.0);   |       |             |
| ( 393165.6, | 3826415.5, | 917.4,  | 1586.8, | 0.0); | ( 393143.6, |
| 3826406.2,  | 918.6,     | 1586.8, | 0.0);   |       |             |
| ( 393121.6, | 3826397.0, | 919.2,  | 1587.8, | 0.0); | ( 393099.5, |
| 3826387.7,  | 918.8,     | 1587.8, | 0.0);   |       |             |
| ( 393077.5, | 3826378.4, | 918.5,  | 1587.8, | 0.0); | ( 393055.5, |
| 3826369.2,  | 919.1,     | 1587.8, | 0.0);   |       |             |
| ( 393033.5, | 3826359.9, | 918.3,  | 1587.8, | 0.0); | ( 393011.4, |
| 3826350.6,  | 914.4,     | 1587.8, | 0.0);   |       |             |
| ( 392989.4, | 3826341.4, | 909.7,  | 1588.1, | 0.0); | ( 392967.4, |
| 3826332.1,  | 905.4,     | 1588.1, | 0.0);   |       |             |
| ( 392945.3, | 3826322.8, | 903.7,  | 1590.0, | 0.0); | ( 392923.3, |
| 3826313.6,  | 902.2,     | 1590.0, | 0.0);   |       |             |
| ( 392901.3, | 3826304.3, | 899.9,  | 1590.0, | 0.0); | ( 392879.2, |
| 3826295.0,  | 899.8,     | 1590.0, | 0.0);   |       |             |
| ( 392857.2, | 3826285.8, | 899.1,  | 1590.0, | 0.0); | ( 392835.2, |
| 3826276.5,  | 896.3,     | 1590.1, | 0.0);   |       |             |
| ( 392813.1, | 3826267.3, | 893.3,  | 1590.1, | 0.0); | ( 392791.1, |

```

3826258.0, 891.7, 1590.1, 0.0);
(392769.1, 3826248.7, 890.9, 1590.1, 0.0); (392747.0,
3826239.5, 890.3, 1590.1, 0.0);
(392725.0, 3826230.2, 890.1, 1590.1, 0.0); (392703.0,
3826220.9, 890.1, 1590.1, 0.0);
(392681.0, 3826211.7, 889.9, 1590.1, 0.0); (392658.9,
3826202.4, 890.5, 1590.1, 0.0);
(392636.9, 3826193.1, 891.6, 1590.1, 0.0); (392614.9,
3826183.9, 893.2, 1590.1, 0.0);
(392592.8, 3826174.6, 893.3, 1590.1, 0.0); (392570.8,
3826165.3, 893.3, 1590.1, 0.0);
(392548.8, 3826156.1, 893.6, 1590.1, 0.0); (392526.7,
3826146.8, 894.3, 1590.1, 0.0);
(392504.7, 3826137.6, 895.3, 1590.1, 0.0); (392482.7,
3826128.3, 896.1, 1590.1, 0.0);
(392460.6, 3826119.0, 897.0, 1590.1, 0.0); (392438.6,
3826109.8, 898.7, 1590.1, 0.0);
(392416.6, 3826100.5, 899.1, 1590.1, 0.0); (392394.5,
3826091.2, 899.2, 1590.1, 0.0);
(392372.5, 3826082.0, 899.2, 1590.1, 0.0); (392350.5,
3826072.7, 899.8, 1590.1, 0.0);
(392328.5, 3826063.4, 900.8, 1590.1, 0.0); (392306.4,
3826054.2, 901.4, 1590.1, 0.0);
(392284.4, 3826044.9, 901.8, 1590.1, 0.0); (392262.4,
3826035.6, 902.6, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 46

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392240.3, 3826026.4, 903.1, 1590.1, 0.0); (392218.3,
3826017.1, 903.3, 1590.1, 0.0);
(392196.3, 3826007.9, 903.6, 1590.1, 0.0); (392174.2,
3825998.6, 904.2, 1590.1, 0.0);
(392152.2, 3825989.3, 904.8, 1590.1, 0.0); (392130.2,
3825980.1, 905.2, 1590.1, 0.0);
(392108.1, 3825970.8, 905.6, 1590.1, 0.0); (392086.1,
3825961.5, 905.6, 1590.1, 0.0);
(392064.1, 3825952.3, 905.4, 1590.1, 0.0); (392042.0,
3825943.0, 905.7, 1590.1, 0.0);
(392020.0, 3825933.7, 906.9, 1590.1, 0.0); (391998.0,
3825924.5, 908.2, 1590.1, 0.0);
(391976.0, 3825915.2, 909.8, 1590.1, 0.0); (391953.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825905.9,  | 910.7,     | 1590.1, | 0.0);   |       |             |
| ( 391931.9, | 3825896.7, | 911.2,  | 1590.1, | 0.0); | ( 391909.9, |
| 3825887.4,  | 911.7,     | 1590.1, | 0.0);   |       |             |
| ( 391887.8, | 3825878.2, | 912.5,  | 1590.1, | 0.0); | ( 391865.8, |
| 3825868.9,  | 913.4,     | 1590.1, | 0.0);   |       |             |
| ( 391843.8, | 3825859.6, | 914.1,  | 1590.1, | 0.0); | ( 391821.7, |
| 3825850.4,  | 914.2,     | 1590.1, | 0.0);   |       |             |
| ( 391799.7, | 3825841.1, | 913.8,  | 1590.1, | 0.0); | ( 391777.7, |
| 3825831.8,  | 913.0,     | 1590.1, | 0.0);   |       |             |
| ( 391755.6, | 3825822.6, | 912.1,  | 1590.1, | 0.0); | ( 391733.6, |
| 3825813.3,  | 912.0,     | 1590.1, | 0.0);   |       |             |
| ( 391711.6, | 3825804.0, | 912.2,  | 1590.1, | 0.0); | ( 391689.6, |
| 3825794.8,  | 912.6,     | 1590.1, | 0.0);   |       |             |
| ( 391667.5, | 3825785.5, | 912.9,  | 1590.1, | 0.0); | ( 391645.5, |
| 3825776.2,  | 913.8,     | 1590.1, | 0.0);   |       |             |
| ( 391623.5, | 3825767.0, | 914.6,  | 1590.1, | 0.0); | ( 391601.4, |
| 3825757.7,  | 916.1,     | 1590.1, | 0.0);   |       |             |
| ( 391579.4, | 3825748.5, | 918.1,  | 1590.1, | 0.0); | ( 391557.4, |
| 3825739.2,  | 919.4,     | 1590.1, | 0.0);   |       |             |
| ( 391535.3, | 3825729.9, | 920.0,  | 1590.1, | 0.0); | ( 391513.3, |
| 3825720.7,  | 920.1,     | 1590.1, | 0.0);   |       |             |
| ( 391491.3, | 3825711.4, | 920.8,  | 1590.1, | 0.0); | ( 391469.2, |
| 3825702.1,  | 921.3,     | 1590.1, | 0.0);   |       |             |
| ( 391447.2, | 3825692.9, | 921.7,  | 1590.1, | 0.0); | ( 391425.2, |
| 3825683.6,  | 922.0,     | 1590.1, | 0.0);   |       |             |
| ( 391403.1, | 3825674.3, | 922.4,  | 1590.1, | 0.0); | ( 391381.1, |
| 3825665.1,  | 922.9,     | 1590.1, | 0.0);   |       |             |
| ( 391359.1, | 3825655.8, | 923.9,  | 1590.1, | 0.0); | ( 391337.1, |
| 3825646.5,  | 925.6,     | 1590.1, | 0.0);   |       |             |
| ( 391315.0, | 3825637.3, | 928.3,  | 1590.1, | 0.0); | ( 391293.0, |
| 3825628.0,  | 931.8,     | 1590.1, | 0.0);   |       |             |
| ( 391271.0, | 3825618.8, | 934.4,  | 1590.1, | 0.0); | ( 391248.9, |
| 3825609.5,  | 934.8,     | 1590.1, | 0.0);   |       |             |
| ( 391226.9, | 3825600.2, | 934.3,  | 1590.1, | 0.0); | ( 391204.9, |
| 3825591.0,  | 935.0,     | 1590.1, | 0.0);   |       |             |
| ( 391182.8, | 3825581.7, | 938.4,  | 1590.1, | 0.0); | ( 391160.8, |
| 3825572.4,  | 940.8,     | 1590.1, | 0.0);   |       |             |
| ( 391138.8, | 3825563.2, | 941.5,  | 1590.1, | 0.0); | ( 391116.8, |
| 3825553.9,  | 941.2,     | 1590.1, | 0.0);   |       |             |
| ( 391094.7, | 3825544.6, | 943.0,  | 1590.1, | 0.0); | ( 391072.7, |
| 3825535.4,  | 948.2,     | 1590.1, | 0.0);   |       |             |
| ( 391050.7, | 3825526.1, | 955.2,  | 1590.1, | 0.0); | ( 391028.6, |
| 3825516.8,  | 961.9,     | 1590.1, | 0.0);   |       |             |
| ( 391006.6, | 3825507.6, | 965.7,  | 1590.1, | 0.0); | ( 390984.6, |
| 3825498.3,  | 966.0,     | 1590.1, | 0.0);   |       |             |
| ( 390962.5, | 3825489.1, | 964.8,  | 1590.1, | 0.0); | ( 390940.5, |
| 3825479.8,  | 962.9,     | 1590.1, | 0.0);   |       |             |
| ( 390918.5, | 3825470.5, | 961.4,  | 1590.1, | 0.0); | ( 390896.4, |
| 3825461.3,  | 962.5,     | 1590.1, | 0.0);   |       |             |
| ( 390874.4, | 3825452.0, | 966.5,  | 1590.1, | 0.0); | ( 390852.4, |

```

3825442.7, 971.4, 1590.1, 0.0);
 (390830.3, 3825433.5, 977.6, 1590.1, 0.0); (390808.3,
3825424.2, 986.0, 1590.1, 0.0);
 (390786.3, 3825414.9, 995.2, 1590.1, 0.0); (390764.2,
3825405.7, 1004.7, 1590.1, 0.0);
 (390742.2, 3825396.4, 1013.5, 1590.1, 0.0); (390720.2,
3825387.1, 1017.9, 1590.1, 0.0);
 (390698.2, 3825377.9, 1016.5, 1590.1, 0.0); (390676.1,
3825368.6, 1013.3, 1590.1, 0.0);
 (390654.1, 3825359.4, 1010.3, 1590.1, 0.0); (390632.1,
3825350.1, 1011.7, 1590.1, 0.0);
 (390610.0, 3825340.8, 1017.5, 1590.1, 0.0); (390588.0,
3825331.6, 1022.3, 1590.1, 0.0);
 (390566.0, 3825322.3, 1021.5, 1590.1, 0.0); (390543.9,
3825313.0, 1017.2, 1590.1, 0.0);
 (390521.9, 3825303.8, 1012.1, 1590.1, 0.0); (390499.9,
3825294.5, 1006.7, 1590.1, 0.0);
 (390477.8, 3825285.2, 1006.6, 1590.1, 0.0); (390455.8,
3825276.0, 1013.9, 1590.1, 0.0);
 (390433.8, 3825266.7, 1022.2, 1590.1, 0.0); (390411.8,
3825257.4, 1026.8, 1590.1, 0.0);
 (390389.7, 3825248.2, 1025.1, 1590.1, 0.0); (390367.7,
3825238.9, 1019.6, 1590.1, 0.0);
 (390345.7, 3825229.7, 1013.3, 1590.1, 0.0); (390323.6,
3825220.4, 1007.7, 1590.1, 0.0);
 (390301.6, 3825211.1, 1006.4, 1590.1, 0.0); (390279.6,
3825201.9, 1010.5, 1590.1, 0.0);
▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 47

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (390257.5, 3825192.6, 1018.9, 1590.1, 0.0); (390235.5,
3825183.3, 1029.5, 1590.1, 0.0);
 (390213.5, 3825174.1, 1040.3, 1590.1, 0.0); (390191.5,
3825164.8, 1048.9, 1590.1, 0.0);
 (390169.4, 3825155.5, 1056.5, 1590.1, 0.0); (390147.4,
3825146.3, 1064.0, 1590.1, 0.0);
 (390125.3, 3825137.0, 1070.8, 1590.1, 0.0); (390103.3,
3825127.8, 1074.6, 1590.1, 0.0);
 (390081.3, 3825118.5, 1074.1, 1590.1, 0.0); (390059.3,
3825109.2, 1075.2, 1590.1, 0.0);
 (390037.2, 3825100.0, 1081.4, 1590.1, 0.0); (390015.2,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825090.7,  | 1087.7,    | 1590.1, | 0.0);   |       |             |
| ( 389993.2, | 3825081.4, | 1089.4, | 1590.1, | 0.0); | ( 389971.1, |
| 3825072.2,  | 1085.0,    | 1590.1, | 0.0);   |       |             |
| ( 389949.1, | 3825062.9, | 1075.6, | 1590.1, | 0.0); | ( 389927.1, |
| 3825053.6,  | 1068.4,    | 1590.1, | 0.0);   |       |             |
| ( 389905.0, | 3825044.4, | 1076.2, | 1590.1, | 0.0); | ( 389883.0, |
| 3825035.1,  | 1086.9,    | 1590.1, | 0.0);   |       |             |
| ( 389861.0, | 3825025.8, | 1093.6, | 1590.1, | 0.0); | ( 389839.0, |
| 3825016.6,  | 1097.8,    | 1590.1, | 0.0);   |       |             |
| ( 389816.9, | 3825007.3, | 1097.4, | 1590.1, | 0.0); | ( 389794.9, |
| 3824998.0,  | 1091.8,    | 1590.1, | 0.0);   |       |             |
| ( 389772.9, | 3824988.8, | 1083.7, | 1590.1, | 0.0); | ( 389750.8, |
| 3824979.5,  | 1072.7,    | 1590.1, | 0.0);   |       |             |
| ( 389728.8, | 3824970.3, | 1060.3, | 1590.1, | 0.0); | ( 389706.8, |
| 3824961.0,  | 1049.3,    | 1590.1, | 0.0);   |       |             |
| ( 389684.7, | 3824951.7, | 1041.0, | 1590.1, | 0.0); | ( 389662.7, |
| 3824942.5,  | 1036.0,    | 1590.1, | 0.0);   |       |             |
| ( 389640.7, | 3824933.2, | 1034.7, | 1590.1, | 0.0); | ( 389618.6, |
| 3824923.9,  | 1038.9,    | 1590.1, | 0.0);   |       |             |
| ( 389596.6, | 3824914.7, | 1049.1, | 1590.1, | 0.0); | ( 389574.6, |
| 3824905.4,  | 1061.0,    | 1590.1, | 0.0);   |       |             |
| ( 389552.5, | 3824896.1, | 1071.4, | 1590.1, | 0.0); | ( 389530.5, |
| 3824886.9,  | 1078.9,    | 1590.1, | 0.0);   |       |             |
| ( 389508.5, | 3824877.6, | 1086.0, | 1590.1, | 0.0); | ( 389486.5, |
| 3824868.3,  | 1095.2,    | 1590.1, | 0.0);   |       |             |
| ( 389464.4, | 3824859.1, | 1106.3, | 1590.1, | 0.0); | ( 389442.4, |
| 3824849.8,  | 1114.3,    | 1590.1, | 0.0);   |       |             |
| ( 389420.4, | 3824840.6, | 1120.7, | 1590.1, | 0.0); | ( 389398.3, |
| 3824831.3,  | 1129.0,    | 1590.1, | 0.0);   |       |             |
| ( 389376.3, | 3824822.0, | 1138.4, | 1590.1, | 0.0); | ( 389354.3, |
| 3824812.8,  | 1147.3,    | 1590.1, | 0.0);   |       |             |
| ( 389332.2, | 3824803.5, | 1154.9, | 1590.1, | 0.0); | ( 389310.2, |
| 3824794.2,  | 1161.7,    | 1590.1, | 0.0);   |       |             |
| ( 389288.2, | 3824785.0, | 1167.3, | 1590.1, | 0.0); | ( 389266.1, |
| 3824775.7,  | 1171.3,    | 1590.1, | 0.0);   |       |             |
| ( 389244.1, | 3824766.4, | 1174.0, | 1590.1, | 0.0); | ( 389222.1, |
| 3824757.2,  | 1174.7,    | 1590.1, | 0.0);   |       |             |
| ( 389200.0, | 3824747.9, | 1173.2, | 1590.1, | 0.0); | ( 389178.0, |
| 3824738.6,  | 1170.0,    | 1590.1, | 0.0);   |       |             |
| ( 389156.0, | 3824729.4, | 1165.4, | 1590.1, | 0.0); | ( 389134.0, |
| 3824720.1,  | 1158.8,    | 1590.1, | 0.0);   |       |             |
| ( 389111.9, | 3824710.9, | 1148.1, | 1590.1, | 0.0); | ( 389089.9, |
| 3824701.6,  | 1141.7,    | 1590.1, | 0.0);   |       |             |
| ( 389067.9, | 3824692.3, | 1144.1, | 1590.1, | 0.0); | ( 389045.8, |
| 3824683.1,  | 1150.7,    | 1590.1, | 0.0);   |       |             |
| ( 389023.8, | 3824673.8, | 1155.8, | 1590.1, | 0.0); | ( 389001.8, |
| 3824664.5,  | 1161.3,    | 1590.1, | 0.0);   |       |             |
| ( 388979.7, | 3824655.3, | 1168.1, | 1590.1, | 0.0); | ( 388957.7, |
| 3824646.0,  | 1175.9,    | 1590.1, | 0.0);   |       |             |
| ( 388935.7, | 3824636.8, | 1182.5, | 1590.1, | 0.0); | ( 388913.6, |

```

3824627.5, 1190.4, 1590.1, 0.0);
(388891.6, 3824618.2, 1198.3, 1590.1, 0.0); (388869.6,
3824608.9, 1203.7, 1590.1, 0.0);
(388847.5, 3824599.7, 1205.7, 1590.1, 0.0); (388825.5,
3824590.4, 1207.3, 1590.1, 0.0);
(388803.5, 3824581.2, 1211.1, 1590.1, 0.0); (388781.5,
3824571.9, 1215.3, 1590.1, 0.0);
(388759.4, 3824562.6, 1220.4, 1590.1, 0.0); (388737.4,
3824553.4, 1226.7, 1590.1, 0.0);
(388715.4, 3824544.1, 1233.9, 1590.1, 0.0); (388693.3,
3824534.8, 1241.3, 1590.1, 0.0);
(388671.3, 3824525.6, 1248.2, 1590.1, 0.0); (388649.3,
3824516.3, 1254.9, 1590.1, 0.0);
(388627.2, 3824507.0, 1258.9, 1590.1, 0.0); (388605.2,
3824497.8, 1253.8, 1590.1, 0.0);
(388583.2, 3824488.5, 1242.5, 1590.1, 0.0); (388561.1,
3824479.2, 1233.0, 1590.1, 0.0);
(388539.1, 3824470.0, 1234.3, 1590.1, 0.0); (388517.1,
3824460.7, 1245.5, 1590.1, 0.0);
(388495.1, 3824451.5, 1258.6, 1590.1, 0.0); (388473.0,
3824442.2, 1267.5, 1590.1, 0.0);
(388451.0, 3824432.9, 1271.6, 1590.1, 0.0); (388429.0,
3824423.7, 1273.3, 1590.1, 0.0);
(388406.9, 3824414.4, 1274.0, 1590.1, 0.0); (388384.9,
3824405.1, 1275.3, 1590.1, 0.0);
(388362.9, 3824395.9, 1278.3, 1590.1, 0.0); (388340.8,
3824386.6, 1278.5, 1590.1, 0.0);
(388318.8, 3824377.3, 1274.8, 1590.1, 0.0); (388296.8,
3824368.1, 1270.5, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 48

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(388274.8, 3824358.8, 1265.1, 1590.1, 0.0); (388252.7,
3824349.5, 1257.1, 1590.1, 0.0);
(388230.7, 3824340.3, 1247.2, 1590.1, 0.0); (388208.6,
3824331.0, 1243.4, 1590.1, 0.0);
(388186.6, 3824321.8, 1255.0, 1590.1, 0.0); (388164.6,
3824312.5, 1265.3, 1590.1, 0.0);
(388142.6, 3824303.2, 1271.1, 1590.1, 0.0); (388120.5,
3824294.0, 1272.9, 1590.1, 0.0);
(388098.5, 3824284.7, 1272.8, 1590.1, 0.0); (388076.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824275.4,  | 1275.1,    | 1590.1, | 0.0);   |       |             |
| ( 388054.4, | 3824266.2, | 1283.3, | 1590.1, | 0.0); | ( 388032.4, |
| 3824256.9,  | 1287.2,    | 1590.1, | 0.0);   |       |             |
| ( 388010.4, | 3824247.6, | 1286.4, | 1590.1, | 0.0); | ( 387988.3, |
| 3824238.4,  | 1287.9,    | 1590.1, | 0.0);   |       |             |
| ( 387966.3, | 3824229.1, | 1292.5, | 1590.1, | 0.0); | ( 387944.3, |
| 3824219.9,  | 1298.8,    | 1590.1, | 0.0);   |       |             |
| ( 387922.2, | 3824210.6, | 1304.0, | 1590.1, | 0.0); | ( 387900.2, |
| 3824201.3,  | 1304.4,    | 1590.1, | 0.0);   |       |             |
| ( 387878.2, | 3824192.1, | 1303.7, | 1590.1, | 0.0); | ( 387856.2, |
| 3824182.8,  | 1311.3,    | 1590.1, | 0.0);   |       |             |
| ( 387834.1, | 3824173.5, | 1319.9, | 1590.1, | 0.0); | ( 387812.1, |
| 3824164.3,  | 1326.2,    | 1590.1, | 0.0);   |       |             |
| ( 387790.1, | 3824155.0, | 1328.5, | 1590.1, | 0.0); | ( 387768.0, |
| 3824145.7,  | 1323.6,    | 1590.1, | 0.0);   |       |             |
| ( 387746.0, | 3824136.5, | 1311.3, | 1590.1, | 0.0); | ( 387724.0, |
| 3824127.2,  | 1298.9,    | 1590.1, | 0.0);   |       |             |
| ( 387701.9, | 3824117.9, | 1302.5, | 1590.1, | 0.0); | ( 387679.9, |
| 3824108.7,  | 1314.5,    | 1590.1, | 0.0);   |       |             |
| ( 387657.9, | 3824099.4, | 1327.7, | 1590.1, | 0.0); | ( 387635.8, |
| 3824090.2,  | 1340.6,    | 1590.1, | 0.0);   |       |             |
| ( 387613.8, | 3824080.9, | 1352.0, | 1590.1, | 0.0); | ( 387591.8, |
| 3824071.6,  | 1360.5,    | 1590.1, | 0.0);   |       |             |
| ( 387569.8, | 3824062.4, | 1364.0, | 1590.1, | 0.0); | ( 387547.7, |
| 3824053.1,  | 1364.8,    | 1590.1, | 0.0);   |       |             |
| ( 387525.7, | 3824043.8, | 1365.8, | 1590.1, | 0.0); | ( 387503.7, |
| 3824034.6,  | 1370.4,    | 1590.1, | 0.0);   |       |             |
| ( 387481.6, | 3824025.3, | 1375.4, | 1590.1, | 0.0); | ( 387459.6, |
| 3824016.0,  | 1377.9,    | 1590.1, | 0.0);   |       |             |
| ( 387437.6, | 3824006.8, | 1379.0, | 1590.1, | 0.0); | ( 387415.5, |
| 3823997.5,  | 1379.9,    | 1590.1, | 0.0);   |       |             |
| ( 387393.5, | 3823988.2, | 1378.6, | 1590.1, | 0.0); | ( 387371.5, |
| 3823979.0,  | 1377.1,    | 1590.1, | 0.0);   |       |             |
| ( 387349.4, | 3823969.7, | 1376.6, | 1590.1, | 0.0); | ( 387327.4, |
| 3823960.5,  | 1377.9,    | 1590.1, | 0.0);   |       |             |
| ( 387305.4, | 3823951.2, | 1378.9, | 1590.1, | 0.0); | ( 387283.3, |
| 3823941.9,  | 1377.2,    | 1590.1, | 0.0);   |       |             |
| ( 387261.3, | 3823932.7, | 1375.3, | 1590.1, | 0.0); | ( 387239.3, |
| 3823923.4,  | 1371.6,    | 1590.1, | 0.0);   |       |             |
| ( 387207.9, | 3823892.2, | 1357.5, | 1590.1, | 0.0); | ( 387198.5, |
| 3823870.2,  | 1354.5,    | 1590.1, | 0.0);   |       |             |
| ( 387189.1, | 3823848.2, | 1359.9, | 1590.1, | 0.0); | ( 387179.7, |
| 3823826.2,  | 1367.6,    | 1590.1, | 0.0);   |       |             |
| ( 387170.3, | 3823804.3, | 1374.0, | 1590.1, | 0.0); | ( 387160.9, |
| 3823782.3,  | 1380.7,    | 1590.1, | 0.0);   |       |             |
| ( 387151.5, | 3823760.3, | 1382.5, | 1590.1, | 0.0); | ( 387142.1, |
| 3823738.3,  | 1385.1,    | 1590.1, | 0.0);   |       |             |
| ( 387132.7, | 3823716.3, | 1391.2, | 1590.1, | 0.0); | ( 387123.3, |
| 3823694.4,  | 1401.3,    | 1590.1, | 0.0);   |       |             |
| ( 387113.9, | 3823672.4, | 1411.7, | 1590.1, | 0.0); | ( 387104.5, |

```

3823650.4, 1422.6, 1590.1, 0.0);
(387095.1, 3823628.4, 1434.1, 1590.1, 0.0); (387085.7,
3823606.5, 1448.2, 1590.1, 0.0);
(387076.3, 3823584.5, 1459.9, 1590.1, 0.0); (387066.9,
3823562.5, 1466.5, 1590.1, 0.0);
(387057.5, 3823540.5, 1472.6, 1590.1, 0.0); (387048.1,
3823518.6, 1483.3, 1590.1, 0.0);
(387038.8, 3823496.6, 1495.8, 1590.1, 0.0); (387029.4,
3823474.6, 1509.7, 1590.1, 0.0);
(387020.0, 3823452.6, 1520.4, 1590.1, 0.0); (387010.6,
3823430.7, 1528.1, 1590.1, 0.0);
(387001.2, 3823408.7, 1534.9, 1590.1, 0.0); (386991.8,
3823386.7, 1542.9, 1590.1, 0.0);
(386982.4, 3823364.8, 1549.5, 1590.1, 0.0); (386973.0,
3823342.8, 1554.7, 1590.0, 0.0);
(386963.6, 3823320.8, 1558.6, 1590.0, 0.0); (386954.2,
3823298.8, 1562.5, 1590.0, 0.0);
(386944.8, 3823276.8, 1566.7, 1590.0, 0.0); (386935.4,
3823254.9, 1571.0, 1590.0, 0.0);
(386926.0, 3823232.9, 1574.7, 1590.0, 0.0); (386916.6,
3823210.9, 1580.1, 1590.0, 0.0);
(386907.2, 3823188.9, 1584.7, 1588.1, 0.0); (386897.8,
3823167.0, 1588.2, 1588.2, 0.0);
(386888.4, 3823145.0, 1589.4, 1589.4, 0.0); (386879.0,
3823123.0, 1588.8, 1588.8, 0.0);
(386869.6, 3823101.0, 1586.9, 1588.2, 0.0); (386860.2,
3823079.1, 1583.1, 1590.0, 0.0);
(386850.8, 3823057.1, 1577.5, 1590.0, 0.0); (386841.5,
3823035.1, 1570.6, 1590.1, 0.0);
(386832.1, 3823013.1, 1561.4, 1590.1, 0.0); (386822.7,
3822991.2, 1550.5, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 49

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(386813.3, 3822969.2, 1539.6, 1590.1, 0.0); (386803.9,
3822947.2, 1528.2, 1590.1, 0.0);
(386794.5, 3822925.2, 1516.0, 1590.1, 0.0); (386785.1,
3822903.3, 1505.6, 1590.1, 0.0);
(386775.7, 3822881.3, 1496.7, 1590.1, 0.0); (386766.3,
3822859.3, 1487.2, 1590.1, 0.0);
(386756.9, 3822837.3, 1478.8, 1590.1, 0.0); (386747.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822815.4,  | 1471.6,    | 1590.1, | 0.0);   |       |             |
| ( 386738.1, | 3822793.4, | 1465.0, | 1590.1, | 0.0); | ( 386728.7, |
| 3822771.4,  | 1455.8,    | 1590.1, | 0.0);   |       |             |
| ( 386719.3, | 3822749.4, | 1445.1, | 1590.1, | 0.0); | ( 386709.9, |
| 3822727.4,  | 1434.1,    | 1590.1, | 0.0);   |       |             |
| ( 386700.5, | 3822705.5, | 1424.5, | 1590.1, | 0.0); | ( 386691.1, |
| 3822683.5,  | 1418.7,    | 1590.1, | 0.0);   |       |             |
| ( 386681.7, | 3822661.5, | 1417.4, | 1590.1, | 0.0); | ( 386672.3, |
| 3822639.5,  | 1417.3,    | 1590.1, | 0.0);   |       |             |
| ( 386663.0, | 3822617.6, | 1417.5, | 1590.1, | 0.0); | ( 386653.5, |
| 3822595.6,  | 1415.1,    | 1590.1, | 0.0);   |       |             |
| ( 386644.2, | 3822573.6, | 1411.5, | 1590.1, | 0.0); | ( 386634.8, |
| 3822551.6,  | 1406.2,    | 1590.1, | 0.0);   |       |             |
| ( 386625.4, | 3822529.7, | 1396.4, | 1590.1, | 0.0); | ( 386616.0, |
| 3822507.7,  | 1384.0,    | 1590.1, | 0.0);   |       |             |
| ( 386606.6, | 3822485.7, | 1370.9, | 1590.1, | 0.0); | ( 386597.2, |
| 3822463.8,  | 1360.0,    | 1590.1, | 0.0);   |       |             |
| ( 386587.8, | 3822441.8, | 1354.1, | 1590.1, | 0.0); | ( 386578.4, |
| 3822419.8,  | 1349.3,    | 1590.1, | 0.0);   |       |             |
| ( 386569.0, | 3822397.8, | 1343.9, | 1590.1, | 0.0); | ( 386559.6, |
| 3822375.8,  | 1338.5,    | 1590.1, | 0.0);   |       |             |
| ( 386550.2, | 3822353.9, | 1333.0, | 1590.1, | 0.0); | ( 386540.8, |
| 3822331.9,  | 1326.0,    | 1590.1, | 0.0);   |       |             |
| ( 386531.4, | 3822309.9, | 1318.1, | 1590.1, | 0.0); | ( 386522.0, |
| 3822287.9,  | 1314.3,    | 1590.1, | 0.0);   |       |             |
| ( 386512.6, | 3822266.0, | 1314.8, | 1590.1, | 0.0); | ( 386503.2, |
| 3822244.0,  | 1315.7,    | 1590.1, | 0.0);   |       |             |
| ( 386493.8, | 3822222.0, | 1311.9, | 1590.1, | 0.0); | ( 386484.4, |
| 3822200.0,  | 1305.2,    | 1590.1, | 0.0);   |       |             |
| ( 386475.0, | 3822178.1, | 1297.5, | 1590.1, | 0.0); | ( 386465.6, |
| 3822156.1,  | 1289.6,    | 1590.1, | 0.0);   |       |             |
| ( 386456.3, | 3822134.1, | 1281.6, | 1590.1, | 0.0); | ( 386446.9, |
| 3822112.1,  | 1277.1,    | 1590.1, | 0.0);   |       |             |
| ( 386437.5, | 3822090.2, | 1274.6, | 1590.1, | 0.0); | ( 386428.1, |
| 3822068.2,  | 1270.8,    | 1590.1, | 0.0);   |       |             |
| ( 386418.7, | 3822046.2, | 1266.6, | 1590.1, | 0.0); | ( 386409.3, |
| 3822024.2,  | 1264.4,    | 1590.1, | 0.0);   |       |             |
| ( 386399.9, | 3822002.3, | 1264.3, | 1590.1, | 0.0); | ( 386390.5, |
| 3821980.3,  | 1264.7,    | 1590.1, | 0.0);   |       |             |
| ( 386381.1, | 3821958.3, | 1261.1, | 1590.1, | 0.0); | ( 386371.7, |
| 3821936.3,  | 1255.1,    | 1590.1, | 0.0);   |       |             |
| ( 386362.3, | 3821914.4, | 1246.8, | 1590.1, | 0.0); | ( 386352.9, |
| 3821892.4,  | 1236.8,    | 1590.1, | 0.0);   |       |             |
| ( 386343.5, | 3821870.4, | 1226.8, | 1590.1, | 0.0); | ( 386334.1, |
| 3821848.4,  | 1217.4,    | 1590.1, | 0.0);   |       |             |
| ( 386324.7, | 3821826.4, | 1206.4, | 1590.1, | 0.0); | ( 386315.3, |
| 3821804.5,  | 1195.1,    | 1590.1, | 0.0);   |       |             |
| ( 386305.9, | 3821782.5, | 1185.8, | 1590.1, | 0.0); | ( 386296.5, |
| 3821760.5,  | 1175.8,    | 1590.1, | 0.0);   |       |             |
| ( 386287.1, | 3821738.5, | 1168.5, | 1590.1, | 0.0); | ( 386277.8, |

```

3821716.6, 1163.6, 1590.1, 0.0);
 (386268.4, 3821694.6, 1158.2, 1590.1, 0.0); (386259.0,
3821672.6, 1157.2, 1590.1, 0.0);
 (386249.6, 3821650.6, 1154.6, 1590.1, 0.0); (386240.2,
3821628.7, 1151.5, 1590.1, 0.0);
 (386230.8, 3821606.7, 1148.2, 1590.1, 0.0); (386221.4,
3821584.7, 1144.3, 1590.1, 0.0);
 (386212.0, 3821562.8, 1139.0, 1590.1, 0.0); (386202.6,
3821540.8, 1133.1, 1590.1, 0.0);
 (386193.2, 3821518.8, 1126.3, 1590.1, 0.0); (386183.8,
3821496.8, 1120.0, 1590.1, 0.0);
 (386174.4, 3821474.8, 1114.5, 1590.1, 0.0); (386165.0,
3821452.9, 1109.0, 1590.1, 0.0);
 (386155.6, 3821430.9, 1106.4, 1590.1, 0.0); (386146.2,
3821408.9, 1104.0, 1590.1, 0.0);
 (386136.8, 3821386.9, 1102.1, 1590.1, 0.0); (386127.4,
3821365.0, 1100.1, 1590.1, 0.0);
 (386118.0, 3821343.0, 1095.3, 1590.1, 0.0); (386108.6,
3821321.0, 1090.1, 1590.1, 0.0);
 (386099.2, 3821299.0, 1085.0, 1590.1, 0.0); (386089.8,
3821277.1, 1081.2, 1590.1, 0.0);
 (386080.5, 3821255.1, 1078.6, 1590.1, 0.0); (386071.1,
3821233.1, 1076.5, 1590.1, 0.0);
 (386061.7, 3821211.1, 1074.4, 1590.1, 0.0); (386052.3,
3821189.2, 1072.5, 1590.1, 0.0);
 (386042.9, 3821167.2, 1070.7, 1590.1, 0.0); (386033.5,
3821145.2, 1068.5, 1590.1, 0.0);
 (386024.1, 3821123.2, 1066.1, 1590.1, 0.0); (386014.7,
3821101.3, 1064.6, 1590.1, 0.0);
 (386005.3, 3821079.3, 1063.6, 1590.1, 0.0); (385995.9,
3821057.3, 1062.1, 1590.1, 0.0);
 (385986.5, 3821035.3, 1059.7, 1590.1, 0.0); (385977.1,
3821013.4, 1057.6, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 50

```

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (385967.7, 3820991.4, 1055.6, 1590.1, 0.0); (385958.3,
3820969.4, 1053.8, 1590.1, 0.0);
 (385948.9, 3820947.4, 1051.9, 1590.1, 0.0); (385939.5,
3820925.5, 1049.8, 1590.1, 0.0);
 (385930.1, 3820903.5, 1047.8, 1590.1, 0.0); (385920.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820881.5,  | 1046.4,    | 1590.1, | 0.0);   |       |             |
| ( 385911.3, | 3820859.5, | 1045.4, | 1590.1, | 0.0); | ( 385902.0, |
| 3820837.5,  | 1044.3,    | 1590.1, | 0.0);   |       |             |
| ( 385892.6, | 3820815.6, | 1043.2, | 1590.1, | 0.0); | ( 385883.2, |
| 3820793.6,  | 1042.0,    | 1590.1, | 0.0);   |       |             |
| ( 385873.8, | 3820771.6, | 1040.8, | 1590.1, | 0.0); | ( 385864.4, |
| 3820749.6,  | 1039.2,    | 1590.1, | 0.0);   |       |             |
| ( 385855.0, | 3820727.7, | 1037.8, | 1590.1, | 0.0); | ( 385845.6, |
| 3820705.7,  | 1036.2,    | 1590.1, | 0.0);   |       |             |
| ( 385836.2, | 3820683.7, | 1034.3, | 1590.1, | 0.0); | ( 385826.8, |
| 3820661.8,  | 1032.2,    | 1590.1, | 0.0);   |       |             |
| ( 385817.4, | 3820639.8, | 1030.1, | 1590.1, | 0.0); | ( 385808.0, |
| 3820617.8,  | 1027.5,    | 1590.1, | 0.0);   |       |             |
| ( 385798.6, | 3820595.8, | 1025.0, | 1590.1, | 0.0); | ( 385789.2, |
| 3820573.8,  | 1022.9,    | 1590.1, | 0.0);   |       |             |
| ( 385779.8, | 3820551.9, | 1023.0, | 1590.1, | 0.0); | ( 385770.4, |
| 3820529.9,  | 1024.7,    | 1590.1, | 0.0);   |       |             |
| ( 385761.0, | 3820507.9, | 1027.1, | 1590.1, | 0.0); | ( 385751.6, |
| 3820485.9,  | 1029.9,    | 1590.1, | 0.0);   |       |             |
| ( 385742.2, | 3820464.0, | 1032.8, | 1590.1, | 0.0); | ( 385732.8, |
| 3820442.0,  | 1037.0,    | 1590.1, | 0.0);   |       |             |
| ( 385723.4, | 3820420.0, | 1041.8, | 1590.1, | 0.0); | ( 385714.0, |
| 3820398.0,  | 1047.6,    | 1590.1, | 0.0);   |       |             |
| ( 385704.6, | 3820376.1, | 1054.9, | 1590.1, | 0.0); | ( 385695.3, |
| 3820354.1,  | 1063.7,    | 1590.1, | 0.0);   |       |             |
| ( 385685.9, | 3820332.1, | 1070.2, | 1590.1, | 0.0); | ( 385676.5, |
| 3820310.1,  | 1072.6,    | 1590.1, | 0.0);   |       |             |
| ( 385667.1, | 3820288.2, | 1070.0, | 1590.1, | 0.0); | ( 385657.7, |
| 3820266.2,  | 1068.2,    | 1590.1, | 0.0);   |       |             |
| ( 385648.3, | 3820244.2, | 1065.5, | 1590.1, | 0.0); | ( 385638.9, |
| 3820222.2,  | 1061.4,    | 1590.1, | 0.0);   |       |             |
| ( 385629.5, | 3820200.3, | 1054.8, | 1590.1, | 0.0); | ( 385620.1, |
| 3820178.3,  | 1050.7,    | 1590.1, | 0.0);   |       |             |
| ( 385610.7, | 3820156.3, | 1048.9, | 1590.1, | 0.0); | ( 385601.3, |
| 3820134.3,  | 1046.5,    | 1590.1, | 0.0);   |       |             |
| ( 385591.9, | 3820112.4, | 1042.9, | 1590.1, | 0.0); | ( 385582.5, |
| 3820090.4,  | 1038.7,    | 1590.1, | 0.0);   |       |             |
| ( 385573.1, | 3820068.4, | 1033.8, | 1590.1, | 0.0); | ( 385563.7, |
| 3820046.4,  | 1028.4,    | 1590.1, | 0.0);   |       |             |
| ( 385554.3, | 3820024.5, | 1024.0, | 1590.1, | 0.0); | ( 385544.9, |
| 3820002.5,  | 1021.4,    | 1590.1, | 0.0);   |       |             |
| ( 385535.5, | 3819980.5, | 1019.1, | 1590.1, | 0.0); | ( 385526.1, |
| 3819958.5,  | 1018.1,    | 1590.1, | 0.0);   |       |             |
| ( 385516.8, | 3819936.5, | 1018.1, | 1590.1, | 0.0); | ( 385507.4, |
| 3819914.6,  | 1018.0,    | 1590.1, | 0.0);   |       |             |
| ( 385498.0, | 3819892.6, | 1017.0, | 1590.1, | 0.0); | ( 385488.6, |
| 3819870.6,  | 1014.3,    | 1590.1, | 0.0);   |       |             |
| ( 385479.2, | 3819848.6, | 1012.0, | 1590.1, | 0.0); | ( 385469.8, |
| 3819826.7,  | 1011.3,    | 1590.1, | 0.0);   |       |             |
| ( 385460.4, | 3819804.7, | 1012.7, | 1590.1, | 0.0); | ( 385451.0, |

```

3819782.7, 1015.7, 1590.1, 0.0);
(385441.6, 3819760.8, 1018.3, 1590.1, 0.0); (385432.2,
3819738.8, 1015.9, 1590.1, 0.0);
(385422.8, 3819716.8, 1010.8, 1590.1, 0.0); (385413.4,
3819694.8, 1008.5, 1590.1, 0.0);
(385404.0, 3819672.8, 1009.4, 1590.1, 0.0); (385394.6,
3819650.9, 1009.4, 1590.1, 0.0);
(385385.2, 3819628.9, 1010.0, 1590.1, 0.0); (385375.8,
3819606.9, 1011.1, 1590.1, 0.0);
(385366.4, 3819584.9, 1012.8, 1590.1, 0.0); (385357.0,
3819563.0, 1015.2, 1590.1, 0.0);
(385347.6, 3819541.0, 1015.3, 1590.1, 0.0); (385338.2,
3819519.0, 1014.4, 1590.1, 0.0);
(385328.8, 3819497.0, 1015.6, 1590.1, 0.0); (385319.5,
3819475.1, 1019.1, 1590.1, 0.0);
(385310.1, 3819453.1, 1023.3, 1590.1, 0.0); (385300.7,
3819431.1, 1027.8, 1590.1, 0.0);
(385291.3, 3819409.1, 1031.3, 1590.1, 0.0); (385281.9,
3819387.2, 1032.2, 1590.1, 0.0);
(385272.5, 3819365.2, 1030.7, 1590.1, 0.0); (385263.1,
3819343.2, 1028.1, 1590.1, 0.0);
(385253.7, 3819321.2, 1026.2, 1590.1, 0.0); (385244.3,
3819299.3, 1024.6, 1590.1, 0.0);
(385234.9, 3819277.3, 1022.7, 1590.1, 0.0); (385225.5,
3819255.3, 1020.9, 1590.1, 0.0);
(385216.1, 3819233.3, 1019.5, 1590.1, 0.0); (385206.7,
3819211.4, 1018.4, 1590.1, 0.0);
(385197.3, 3819189.4, 1017.3, 1590.1, 0.0); (385187.9,
3819167.4, 1016.4, 1590.1, 0.0);
(385178.5, 3819145.4, 1015.4, 1590.1, 0.0); (385169.1,
3819123.5, 1014.1, 1590.1, 0.0);
(385159.7, 3819101.5, 1012.4, 1590.1, 0.0); (385150.3,
3819079.5, 1010.5, 1590.1, 0.0);
(385141.0, 3819057.5, 1008.6, 1590.1, 0.0); (385131.6,
3819035.6, 1006.8, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 51

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(385122.2, 3819013.6, 1005.2, 1590.1, 0.0); (385112.8,
3818991.6, 1003.7, 1590.1, 0.0);
(385103.4, 3818969.6, 1002.2, 1590.1, 0.0); (385094.0,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818947.6,  | 1000.5,    | 1590.1, | 0.0);   |       |             |
| ( 385084.6, | 3818925.7, | 999.6,  | 1590.1, | 0.0); | ( 385075.2, |
| 3818903.7,  | 999.2,     | 1590.1, | 0.0);   |       |             |
| ( 385065.8, | 3818881.7, | 998.5,  | 1590.1, | 0.0); | ( 385056.4, |
| 3818859.8,  | 996.6,     | 1590.1, | 0.0);   |       |             |
| ( 385047.0, | 3818837.8, | 995.1,  | 1590.1, | 0.0); | ( 385037.6, |
| 3818815.8,  | 994.0,     | 1590.1, | 0.0);   |       |             |
| ( 385028.2, | 3818793.8, | 995.1,  | 1590.1, | 0.0); | ( 385018.8, |
| 3818771.8,  | 996.6,     | 1590.1, | 0.0);   |       |             |
| ( 385009.4, | 3818749.9, | 998.6,  | 1590.1, | 0.0); | ( 385000.0, |
| 3818727.9,  | 999.1,     | 1590.1, | 0.0);   |       |             |
| ( 384990.6, | 3818705.9, | 999.4,  | 1590.1, | 0.0); | ( 384981.2, |
| 3818683.9,  | 1000.2,    | 1590.1, | 0.0);   |       |             |
| ( 384971.8, | 3818662.0, | 1001.6, | 1590.1, | 0.0); | ( 384962.5, |
| 3818640.0,  | 1003.8,    | 1590.1, | 0.0);   |       |             |
| ( 384953.0, | 3818618.0, | 1004.0, | 1590.1, | 0.0); | ( 384943.7, |
| 3818596.0,  | 1001.4,    | 1590.1, | 0.0);   |       |             |
| ( 384934.3, | 3818574.1, | 997.9,  | 1590.1, | 0.0); | ( 384924.9, |
| 3818552.1,  | 995.5,     | 1590.1, | 0.0);   |       |             |
| ( 384915.5, | 3818530.1, | 993.9,  | 1590.1, | 0.0); | ( 384906.1, |
| 3818508.1,  | 992.8,     | 1590.1, | 0.0);   |       |             |
| ( 384896.7, | 3818486.2, | 992.2,  | 1590.1, | 0.0); | ( 384887.3, |
| 3818464.2,  | 991.3,     | 1590.1, | 0.0);   |       |             |
| ( 384877.9, | 3818442.2, | 990.0,  | 1590.1, | 0.0); | ( 384868.5, |
| 3818420.2,  | 989.1,     | 1590.1, | 0.0);   |       |             |
| ( 384859.1, | 3818398.3, | 989.4,  | 1590.1, | 0.0); | ( 384849.7, |
| 3818376.3,  | 989.0,     | 1590.1, | 0.0);   |       |             |
| ( 384840.3, | 3818354.3, | 987.5,  | 1590.1, | 0.0); | ( 384830.9, |
| 3818332.3,  | 985.4,     | 1590.1, | 0.0);   |       |             |
| ( 384821.5, | 3818310.4, | 985.0,  | 1590.1, | 0.0); | ( 384812.1, |
| 3818288.4,  | 985.3,     | 1590.1, | 0.0);   |       |             |
| ( 384802.7, | 3818266.4, | 985.7,  | 1590.1, | 0.0); | ( 384793.3, |
| 3818244.4,  | 985.9,     | 1590.1, | 0.0);   |       |             |
| ( 384783.9, | 3818222.5, | 985.4,  | 1590.1, | 0.0); | ( 384774.5, |
| 3818200.5,  | 985.4,     | 1590.1, | 0.0);   |       |             |
| ( 384765.1, | 3818178.5, | 988.7,  | 1590.1, | 0.0); | ( 384755.8, |
| 3818156.5,  | 994.6,     | 1590.1, | 0.0);   |       |             |
| ( 384746.4, | 3818134.6, | 1001.1, | 1590.1, | 0.0); | ( 384737.0, |
| 3818112.6,  | 1005.8,    | 1590.1, | 0.0);   |       |             |
| ( 384727.6, | 3818090.6, | 1005.2, | 1590.1, | 0.0); | ( 384718.2, |
| 3818068.6,  | 1002.6,    | 1590.1, | 0.0);   |       |             |
| ( 384708.8, | 3818046.7, | 999.0,  | 1590.1, | 0.0); | ( 384699.4, |
| 3818024.7,  | 994.3,     | 1590.1, | 0.0);   |       |             |
| ( 384690.0, | 3818002.7, | 990.4,  | 1590.1, | 0.0); | ( 384680.6, |
| 3817980.7,  | 987.5,     | 1590.1, | 0.0);   |       |             |
| ( 384671.2, | 3817958.8, | 985.1,  | 1590.1, | 0.0); | ( 384661.8, |
| 3817936.8,  | 984.5,     | 1590.1, | 0.0);   |       |             |
| ( 384652.4, | 3817914.8, | 984.8,  | 1590.1, | 0.0); | ( 384643.0, |
| 3817892.8,  | 985.9,     | 1590.1, | 0.0);   |       |             |
| ( 384633.6, | 3817870.8, | 986.7,  | 1590.1, | 0.0); | ( 384624.2, |

```

3817848.9, 989.0, 1590.1, 0.0);
 (384614.8, 3817826.9, 990.9, 1590.1, 0.0); (384605.4,
3817804.9, 989.3, 1590.1, 0.0);
 (384596.0, 3817782.9, 983.2, 1590.1, 0.0); (384586.6,
3817761.0, 978.3, 1590.1, 0.0);
 (384577.2, 3817739.0, 974.3, 1590.1, 0.0); (384567.8,
3817717.0, 971.9, 1590.1, 0.0);
 (384558.5, 3817695.0, 971.2, 1590.1, 0.0); (384549.1,
3817673.1, 971.6, 1590.1, 0.0);
 (384539.7, 3817651.1, 972.2, 1590.1, 0.0); (384530.3,
3817629.1, 972.2, 1590.1, 0.0);
 (384520.9, 3817607.1, 972.4, 1590.1, 0.0); (384511.5,
3817585.2, 972.5, 1590.1, 0.0);
 (384502.1, 3817563.2, 972.2, 1590.1, 0.0); (384492.7,
3817541.2, 970.0, 1590.1, 0.0);
 (384483.3, 3817519.2, 968.3, 1590.1, 0.0); (384473.9,
3817497.3, 967.4, 1590.1, 0.0);
 (384464.5, 3817475.3, 969.4, 1590.1, 0.0); (384455.1,
3817453.3, 974.7, 1590.1, 0.0);
 (384445.7, 3817431.3, 981.2, 1147.8, 0.0); (384436.3,
3817409.4, 987.0, 1147.8, 0.0);
 (384426.9, 3817387.4, 989.5, 1147.8, 0.0); (384417.5,
3817365.4, 991.4, 1147.8, 0.0);
 (384408.1, 3817343.4, 992.6, 1147.8, 0.0); (384398.7,
3817321.5, 992.9, 1147.8, 0.0);
 (384389.3, 3817299.5, 992.5, 1147.8, 0.0); (384380.0,
3817277.5, 993.0, 1147.8, 0.0);
 (384370.6, 3817255.5, 993.6, 1147.8, 0.0); (384361.2,
3817233.6, 990.8, 1147.8, 0.0);
 (384351.8, 3817211.6, 986.3, 1147.8, 0.0); (384342.4,
3817189.6, 980.9, 1147.8, 0.0);
 (384333.0, 3817167.6, 976.8, 1147.8, 0.0); (384323.6,
3817145.7, 973.3, 1147.8, 0.0);
 (384314.2, 3817123.7, 970.2, 1147.8, 0.0); (384304.8,
3817101.7, 966.7, 1147.8, 0.0);
 (384295.4, 3817079.7, 962.4, 1147.8, 0.0); (384286.0,
3817057.8, 960.6, 1147.8, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 52

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(384276.6, 3817035.8, 959.2, 1147.8, 0.0); (384267.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817013.8,  | 960.1,     | 1147.8, | 0.0);   |       |             |
| ( 384257.8, | 3816991.8, | 962.5,  | 1147.8, | 0.0); | ( 384248.4, |
| 3816969.8,  | 964.2,     | 1147.8, | 0.0);   |       |             |
| ( 384239.0, | 3816947.9, | 964.5,  | 1147.8, | 0.0); | ( 384229.6, |
| 3816925.9,  | 964.0,     | 1147.8, | 0.0);   |       |             |
| ( 384220.2, | 3816903.9, | 961.8,  | 1147.8, | 0.0); | ( 384210.8, |
| 3816881.9,  | 958.7,     | 1147.8, | 0.0);   |       |             |
| ( 384201.5, | 3816860.0, | 960.4,  | 1147.8, | 0.0); | ( 384192.0, |
| 3816838.0,  | 963.1,     | 1133.3, | 0.0);   |       |             |
| ( 384182.7, | 3816816.0, | 963.0,  | 1104.6, | 0.0); | ( 384173.3, |
| 3816794.0,  | 961.3,     | 1104.6, | 0.0);   |       |             |
| ( 384163.9, | 3816772.1, | 959.8,  | 1104.6, | 0.0); | ( 384154.5, |
| 3816750.1,  | 963.8,     | 1104.6, | 0.0);   |       |             |
| ( 384145.1, | 3816728.1, | 970.5,  | 1104.6, | 0.0); | ( 384135.7, |
| 3816706.1,  | 975.5,     | 1104.6, | 0.0);   |       |             |
| ( 384126.3, | 3816684.2, | 979.3,  | 1104.6, | 0.0); | ( 394487.5, |
| 3826971.3,  | 883.8,     | 1583.4, | 0.0);   |       |             |
| ( 394511.4, | 3826971.7, | 880.5,  | 1583.4, | 0.0); | ( 394535.4, |
| 3826972.0,  | 879.3,     | 1583.4, | 0.0);   |       |             |
| ( 394559.3, | 3826972.3, | 878.2,  | 1582.1, | 0.0); | ( 394583.2, |
| 3826972.6,  | 876.4,     | 1582.1, | 0.0);   |       |             |
| ( 394607.2, | 3826973.0, | 874.2,  | 1582.1, | 0.0); | ( 394631.1, |
| 3826973.3,  | 872.3,     | 1582.1, | 0.0);   |       |             |
| ( 394655.0, | 3826973.6, | 870.8,  | 1582.1, | 0.0); | ( 394679.0, |
| 3826974.0,  | 869.7,     | 1580.7, | 0.0);   |       |             |
| ( 394702.9, | 3826974.3, | 868.0,  | 1580.7, | 0.0); | ( 394726.8, |
| 3826974.6,  | 865.9,     | 1580.7, | 0.0);   |       |             |
| ( 394750.7, | 3826974.9, | 864.0,  | 986.8,  | 0.0); | ( 394774.7, |
| 3826975.3,  | 862.6,     | 986.8,  | 0.0);   |       |             |
| ( 394798.6, | 3826975.6, | 861.4,  | 986.8,  | 0.0); | ( 394822.5, |
| 3826975.9,  | 859.7,     | 986.8,  | 0.0);   |       |             |
| ( 394846.5, | 3826976.3, | 857.1,  | 986.8,  | 0.0); | ( 394870.4, |
| 3826976.6,  | 856.4,     | 986.8,  | 0.0);   |       |             |
| ( 394894.3, | 3826976.9, | 857.0,  | 986.8,  | 0.0); | ( 394918.3, |
| 3826977.2,  | 855.8,     | 986.8,  | 0.0);   |       |             |
| ( 394447.2, | 3828295.3, | 828.0,  | 828.0,  | 0.0); | ( 394425.2, |
| 3828286.0,  | 828.1,     | 828.1,  | 0.0);   |       |             |
| ( 394403.2, | 3828276.8, | 828.0,  | 828.0,  | 0.0); | ( 394381.1, |
| 3828267.5,  | 827.9,     | 827.9,  | 0.0);   |       |             |
| ( 394359.1, | 3828258.2, | 827.8,  | 827.8,  | 0.0); | ( 394337.1, |
| 3828249.0,  | 827.9,     | 983.5,  | 0.0);   |       |             |
| ( 394315.1, | 3828239.7, | 828.0,  | 1582.1, | 0.0); | ( 394293.1, |
| 3828230.5,  | 828.0,     | 1584.3, | 0.0);   |       |             |
| ( 394271.0, | 3828221.2, | 828.0,  | 1585.0, | 0.0); | ( 394249.0, |
| 3828211.9,  | 828.1,     | 1586.8, | 0.0);   |       |             |
| ( 394227.0, | 3828202.7, | 828.4,  | 1586.8, | 0.0); | ( 394205.0, |
| 3828193.4,  | 828.8,     | 1586.8, | 0.0);   |       |             |
| ( 394183.0, | 3828184.2, | 829.0,  | 1586.8, | 0.0); | ( 394160.9, |
| 3828174.9,  | 829.3,     | 1586.8, | 0.0);   |       |             |
| ( 394138.9, | 3828165.6, | 829.5,  | 1586.8, | 0.0); | ( 394116.9, |

```

3828156.4, 830.5, 1586.8, 0.0);
 (394094.9, 3828147.1, 831.3, 1586.8, 0.0); (394072.8,
3828137.9, 831.5, 1586.8, 0.0);
 (394050.8, 3828128.6, 831.9, 1586.8, 0.0); (394028.8,
3828119.3, 832.4, 1586.8, 0.0);
 (394006.8, 3828110.1, 832.9, 1586.8, 0.0); (393984.8,
3828100.8, 833.1, 1586.8, 0.0);
 (393962.8, 3828091.6, 833.5, 1586.8, 0.0); (393940.7,
3828082.3, 833.7, 1586.8, 0.0);
 (393918.7, 3828073.0, 834.1, 1586.8, 0.0); (393896.7,
3828063.8, 834.5, 1586.8, 0.0);
 (393874.7, 3828054.5, 834.9, 1586.8, 0.0); (393852.6,
3828045.3, 835.4, 1586.8, 0.0);
 (393830.6, 3828036.0, 835.7, 1586.8, 0.0); (393808.6,
3828026.7, 836.0, 1586.8, 0.0);
 (393786.6, 3828017.5, 836.2, 1586.8, 0.0); (393764.5,
3828008.2, 836.3, 1586.8, 0.0);
 (393742.5, 3827999.0, 836.3, 1586.8, 0.0); (393720.5,
3827989.7, 836.2, 1586.8, 0.0);
 (393698.5, 3827980.4, 836.4, 1586.8, 0.0); (393676.5,
3827971.2, 836.7, 1586.8, 0.0);
 (393654.4, 3827961.9, 837.3, 1586.8, 0.0); (393632.4,
3827952.7, 838.2, 1586.8, 0.0);
 (393610.4, 3827943.4, 839.2, 1586.8, 0.0); (393588.4,
3827934.1, 840.0, 1586.8, 0.0);
 (393566.4, 3827924.9, 840.5, 1586.8, 0.0); (393544.3,
3827915.6, 840.5, 1586.8, 0.0);
 (393522.3, 3827906.4, 840.4, 1586.8, 0.0); (393500.3,
3827897.1, 840.6, 1586.8, 0.0);
 (393478.3, 3827887.8, 841.1, 1586.8, 0.0); (393456.2,
3827878.6, 841.5, 1586.8, 0.0);
 (393434.2, 3827869.3, 841.8, 1586.8, 0.0); (393412.2,
3827860.1, 843.1, 1586.8, 0.0);
 (393390.2, 3827850.8, 844.5, 1586.8, 0.0); (393368.2,
3827841.5, 845.8, 1586.8, 0.0);
 (393346.1, 3827832.3, 846.5, 1586.8, 0.0); (393324.1,
3827823.0, 846.8, 1586.8, 0.0);
 (393302.1, 3827813.8, 846.9, 1586.8, 0.0); (393280.1,
3827804.5, 847.3, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 53

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                       |       |             |
|---------------------------------------|-------|-------------|
| ( 393258.1, 3827795.2, 848.0, 1586.8, | 0.0); | ( 393236.0, |
| 3827786.0, 848.5, 1586.8, 0.0);       |       |             |
| ( 393214.0, 3827776.7, 849.0, 1586.8, | 0.0); | ( 393192.0, |
| 3827767.5, 849.6, 1586.8, 0.0);       |       |             |
| ( 393170.0, 3827758.2, 849.9, 1586.8, | 0.0); | ( 393148.0, |
| 3827748.9, 850.4, 1586.8, 0.0);       |       |             |
| ( 393125.9, 3827739.7, 849.6, 1586.8, | 0.0); | ( 393103.9, |
| 3827730.4, 849.2, 1586.8, 0.0);       |       |             |
| ( 393081.9, 3827721.1, 849.7, 1587.8, | 0.0); | ( 393059.9, |
| 3827711.9, 850.6, 1587.8, 0.0);       |       |             |
| ( 393037.8, 3827702.6, 850.9, 1587.8, | 0.0); | ( 393015.8, |
| 3827693.4, 850.5, 1587.8, 0.0);       |       |             |
| ( 392993.8, 3827684.1, 851.1, 1587.8, | 0.0); | ( 392971.8, |
| 3827674.8, 852.1, 1587.8, 0.0);       |       |             |
| ( 392949.8, 3827665.6, 852.3, 1587.8, | 0.0); | ( 392927.7, |
| 3827656.3, 852.3, 1587.8, 0.0);       |       |             |
| ( 392905.7, 3827647.1, 852.9, 1587.8, | 0.0); | ( 392883.7, |
| 3827637.8, 854.0, 1587.8, 0.0);       |       |             |
| ( 392861.7, 3827628.5, 853.3, 1588.1, | 0.0); | ( 392839.6, |
| 3827619.3, 852.8, 1588.1, 0.0);       |       |             |
| ( 392817.6, 3827610.0, 853.8, 1588.1, | 0.0); | ( 392795.6, |
| 3827600.8, 854.3, 1588.1, 0.0);       |       |             |
| ( 392773.6, 3827591.5, 853.7, 1588.1, | 0.0); | ( 392751.6, |
| 3827582.2, 853.2, 1589.5, 0.0);       |       |             |
| ( 392729.5, 3827573.0, 854.0, 1590.0, | 0.0); | ( 392707.5, |
| 3827563.7, 855.0, 1590.0, 0.0);       |       |             |
| ( 392685.5, 3827554.5, 853.5, 1590.0, | 0.0); | ( 392663.5, |
| 3827545.2, 853.4, 1590.0, 0.0);       |       |             |
| ( 392641.5, 3827535.9, 854.5, 1590.0, | 0.0); | ( 392619.4, |
| 3827526.7, 854.5, 1590.0, 0.0);       |       |             |
| ( 392597.4, 3827517.4, 853.4, 1590.0, | 0.0); | ( 392575.4, |
| 3827508.2, 852.9, 1590.1, 0.0);       |       |             |
| ( 392553.4, 3827498.9, 853.9, 1590.1, | 0.0); | ( 392531.3, |
| 3827489.6, 854.2, 1590.1, 0.0);       |       |             |
| ( 392509.3, 3827480.4, 852.8, 1590.1, | 0.0); | ( 392487.3, |
| 3827471.1, 852.8, 1590.1, 0.0);       |       |             |
| ( 392465.3, 3827461.9, 853.7, 1590.1, | 0.0); | ( 392443.3, |
| 3827452.6, 854.6, 1590.1, 0.0);       |       |             |
| ( 392421.2, 3827443.3, 855.4, 1590.1, | 0.0); | ( 392399.2, |
| 3827434.1, 856.7, 1590.1, 0.0);       |       |             |
| ( 392377.2, 3827424.8, 859.8, 1590.1, | 0.0); | ( 392355.2, |
| 3827415.6, 864.2, 1590.1, 0.0);       |       |             |
| ( 392333.2, 3827406.3, 867.4, 1590.1, | 0.0); | ( 392311.1, |
| 3827397.0, 866.7, 1590.1, 0.0);       |       |             |
| ( 392289.1, 3827387.8, 862.9, 1590.1, | 0.0); | ( 392267.1, |
| 3827378.5, 860.3, 1590.1, 0.0);       |       |             |
| ( 392245.1, 3827369.3, 858.6, 1590.1, | 0.0); | ( 392223.0, |
| 3827360.0, 856.3, 1590.1, 0.0);       |       |             |
| ( 392201.0, 3827350.7, 854.6, 1590.1, | 0.0); | ( 392179.0, |

```

3827341.5, 854.3, 1590.1, 0.0);
(392157.0, 3827332.2, 855.0, 1590.1, 0.0); (392135.0,
3827323.0, 855.8, 1590.1, 0.0);
(392112.9, 3827313.7, 855.9, 1590.1, 0.0); (392090.9,
3827304.4, 855.8, 1590.1, 0.0);
(392068.9, 3827295.2, 855.8, 1590.1, 0.0); (392046.9,
3827285.9, 856.0, 1590.1, 0.0);
(392024.9, 3827276.7, 856.1, 1590.1, 0.0); (392002.8,
3827267.4, 857.5, 1590.1, 0.0);
(391980.8, 3827258.1, 858.8, 1590.1, 0.0); (391958.8,
3827248.9, 858.1, 1590.1, 0.0);
(391936.8, 3827239.6, 856.9, 1590.1, 0.0); (391914.8,
3827230.4, 857.2, 1590.1, 0.0);
(391892.7, 3827221.1, 857.7, 1590.1, 0.0); (391870.7,
3827211.8, 858.5, 1590.1, 0.0);
(391848.7, 3827202.6, 862.7, 1590.1, 0.0); (391826.7,
3827193.3, 870.0, 1590.1, 0.0);
(391804.6, 3827184.1, 877.9, 1590.1, 0.0); (391782.6,
3827174.8, 883.2, 1590.1, 0.0);
(391760.6, 3827165.5, 885.6, 1590.1, 0.0); (391738.6,
3827156.3, 889.1, 1590.1, 0.0);
(391716.6, 3827147.0, 891.9, 1590.1, 0.0); (391694.5,
3827137.8, 893.9, 1590.1, 0.0);
(391672.5, 3827128.5, 896.0, 1590.1, 0.0); (391650.5,
3827119.2, 897.5, 1590.1, 0.0);
(391628.5, 3827110.0, 898.0, 1590.1, 0.0); (391606.5,
3827100.7, 897.9, 1590.1, 0.0);
(391584.4, 3827091.5, 898.8, 1590.1, 0.0); (391562.4,
3827082.2, 899.9, 1590.1, 0.0);
(391540.4, 3827072.9, 899.6, 1590.1, 0.0); (391518.4,
3827063.7, 899.5, 1590.1, 0.0);
(391496.3, 3827054.4, 899.7, 1590.1, 0.0); (391474.3,
3827045.2, 899.3, 1590.1, 0.0);
(391452.3, 3827035.9, 897.6, 1590.1, 0.0); (391430.3,
3827026.6, 896.8, 1590.1, 0.0);
(391408.3, 3827017.4, 899.5, 1590.1, 0.0); (391386.2,
3827008.1, 901.1, 1590.1, 0.0);
(391364.2, 3826998.9, 901.9, 1590.1, 0.0); (391342.2,
3826989.6, 902.1, 1590.1, 0.0);
(391320.2, 3826980.3, 902.4, 1590.1, 0.0); (391298.1,
3826971.1, 902.6, 1590.1, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 54

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 391276.1, 3826961.8, 902.4, 1590.1, 0.0); | ( 391254.1, |
| 3826952.5, 902.0, 1590.1, 0.0);             |             |
| ( 391232.1, 3826943.3, 901.8, 1590.1, 0.0); | ( 391210.1, |
| 3826934.0, 901.8, 1590.1, 0.0);             |             |
| ( 391188.0, 3826924.8, 901.5, 1590.1, 0.0); | ( 391166.0, |
| 3826915.5, 901.1, 1590.1, 0.0);             |             |
| ( 391144.0, 3826906.2, 901.0, 1590.1, 0.0); | ( 391122.0, |
| 3826897.0, 901.2, 1590.1, 0.0);             |             |
| ( 391100.0, 3826887.7, 901.5, 1590.1, 0.0); | ( 391077.9, |
| 3826878.5, 901.9, 1590.1, 0.0);             |             |
| ( 391055.9, 3826869.2, 902.3, 1590.1, 0.0); | ( 391033.9, |
| 3826859.9, 902.5, 1590.1, 0.0);             |             |
| ( 391011.9, 3826850.7, 902.7, 1590.1, 0.0); | ( 390989.8, |
| 3826841.4, 902.5, 1590.1, 0.0);             |             |
| ( 390967.8, 3826832.2, 902.4, 1590.1, 0.0); | ( 390945.8, |
| 3826822.9, 903.2, 1590.1, 0.0);             |             |
| ( 390923.8, 3826813.6, 903.7, 1590.1, 0.0); | ( 390901.8, |
| 3826804.4, 904.2, 1590.1, 0.0);             |             |
| ( 390879.7, 3826795.1, 904.6, 1590.1, 0.0); | ( 390857.7, |
| 3826785.9, 905.1, 1590.1, 0.0);             |             |
| ( 390835.7, 3826776.6, 905.6, 1590.1, 0.0); | ( 390813.7, |
| 3826767.3, 906.0, 1590.1, 0.0);             |             |
| ( 390791.6, 3826758.1, 906.3, 1590.1, 0.0); | ( 390769.6, |
| 3826748.8, 906.5, 1590.1, 0.0);             |             |
| ( 390747.6, 3826739.6, 906.6, 1590.1, 0.0); | ( 390725.6, |
| 3826730.3, 906.9, 1590.1, 0.0);             |             |
| ( 390703.6, 3826721.0, 907.5, 1590.1, 0.0); | ( 390681.5, |
| 3826711.8, 908.1, 1590.1, 0.0);             |             |
| ( 390659.5, 3826702.5, 908.6, 1590.1, 0.0); | ( 390637.5, |
| 3826693.3, 909.2, 1590.1, 0.0);             |             |
| ( 390615.5, 3826684.0, 910.0, 1590.1, 0.0); | ( 390593.5, |
| 3826674.8, 910.7, 1590.1, 0.0);             |             |
| ( 390571.4, 3826665.5, 911.3, 1590.1, 0.0); | ( 390549.4, |
| 3826656.2, 911.6, 1590.1, 0.0);             |             |
| ( 390527.4, 3826647.0, 911.8, 1590.1, 0.0); | ( 390505.4, |
| 3826637.7, 911.7, 1590.1, 0.0);             |             |
| ( 390483.3, 3826628.4, 912.1, 1590.1, 0.0); | ( 390461.3, |
| 3826619.2, 912.9, 1590.1, 0.0);             |             |
| ( 390439.3, 3826609.9, 913.8, 1590.1, 0.0); | ( 390417.3, |
| 3826600.7, 914.3, 1590.1, 0.0);             |             |
| ( 390395.3, 3826591.4, 914.7, 1590.1, 0.0); | ( 390373.2, |
| 3826582.1, 915.1, 1590.1, 0.0);             |             |
| ( 390351.2, 3826572.9, 915.6, 1590.1, 0.0); | ( 390329.2, |
| 3826563.6, 916.0, 1590.1, 0.0);             |             |
| ( 390307.2, 3826554.4, 916.5, 1590.1, 0.0); | ( 390285.2, |
| 3826545.1, 916.9, 1590.1, 0.0);             |             |
| ( 390263.1, 3826535.8, 917.3, 1590.1, 0.0); | ( 390241.1, |

```

3826526.6, 917.7, 1590.1, 0.0);
 (390219.1, 3826517.3, 918.2, 1590.1, 0.0); (390197.1,
3826508.1, 918.0, 1590.1, 0.0);
 (390175.0, 3826498.8, 918.5, 1590.1, 0.0); (390153.0,
3826489.5, 919.8, 1590.1, 0.0);
 (390131.0, 3826480.3, 920.4, 1590.1, 0.0); (390109.0,
3826471.0, 921.0, 1590.1, 0.0);
 (390087.0, 3826461.8, 921.5, 1590.1, 0.0); (390065.0,
3826452.5, 922.1, 1590.1, 0.0);
 (390042.9, 3826443.2, 922.7, 1590.1, 0.0); (390020.9,
3826434.0, 923.4, 1590.1, 0.0);
 (389998.9, 3826424.7, 924.0, 1590.1, 0.0); (389976.9,
3826415.5, 924.6, 1590.1, 0.0);
 (389954.8, 3826406.2, 925.1, 1590.1, 0.0); (389932.8,
3826396.9, 925.8, 1590.1, 0.0);
 (389910.8, 3826387.7, 926.7, 1590.1, 0.0); (389888.8,
3826378.4, 926.7, 1590.1, 0.0);
 (389866.8, 3826369.2, 926.1, 1590.1, 0.0); (389844.7,
3826359.9, 927.4, 1590.1, 0.0);
 (389822.7, 3826350.6, 928.3, 1590.1, 0.0); (389800.7,
3826341.4, 928.9, 1590.1, 0.0);
 (389778.7, 3826332.1, 929.6, 1590.1, 0.0); (389756.6,
3826322.9, 930.2, 1590.1, 0.0);
 (389734.6, 3826313.6, 930.9, 1590.1, 0.0); (389712.6,
3826304.3, 931.5, 1590.1, 0.0);
 (389690.6, 3826295.1, 932.1, 1590.1, 0.0); (389668.6,
3826285.8, 932.7, 1590.1, 0.0);
 (389646.5, 3826276.6, 933.3, 1590.1, 0.0); (389624.5,
3826267.3, 934.0, 1590.1, 0.0);
 (389602.5, 3826258.0, 934.6, 1590.1, 0.0); (389580.5,
3826248.8, 935.2, 1590.1, 0.0);
 (389558.5, 3826239.5, 935.8, 1590.1, 0.0); (389536.4,
3826230.3, 936.3, 1590.1, 0.0);
 (389514.4, 3826221.0, 936.7, 1590.1, 0.0); (389492.4,
3826211.7, 937.3, 1590.1, 0.0);
 (389470.4, 3826202.5, 937.9, 1590.1, 0.0); (389448.3,
3826193.2, 938.5, 1590.1, 0.0);
 (389426.3, 3826184.0, 939.2, 1590.1, 0.0); (389404.3,
3826174.7, 939.9, 1590.1, 0.0);
 (389382.3, 3826165.4, 940.8, 1590.1, 0.0); (389360.3,
3826156.2, 941.4, 1590.1, 0.0);
 (389338.2, 3826146.9, 942.7, 1590.1, 0.0); (389316.2,
3826137.6, 943.1, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 55

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE



\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 389294.2, 3826128.4, 943.3, 1590.1, 0.0);  | ( 389272.2, |
| 3826119.1, 944.1, 1590.1, 0.0);              |             |
| ( 389250.1, 3826109.9, 944.9, 1590.1, 0.0);  | ( 389228.1, |
| 3826100.6, 945.8, 1590.1, 0.0);              |             |
| ( 389206.1, 3826091.3, 946.9, 1590.1, 0.0);  | ( 389184.1, |
| 3826082.1, 948.4, 1590.1, 0.0);              |             |
| ( 389162.1, 3826072.8, 950.8, 1590.1, 0.0);  | ( 389140.0, |
| 3826063.6, 955.2, 1590.1, 0.0);              |             |
| ( 389118.0, 3826054.3, 962.0, 1590.1, 0.0);  | ( 389096.0, |
| 3826045.0, 969.8, 1590.1, 0.0);              |             |
| ( 389074.0, 3826035.8, 977.5, 1590.1, 0.0);  | ( 389052.0, |
| 3826026.5, 985.8, 1590.1, 0.0);              |             |
| ( 389029.9, 3826017.3, 989.4, 1590.1, 0.0);  | ( 389007.9, |
| 3826008.0, 985.8, 1590.1, 0.0);              |             |
| ( 388985.9, 3825998.8, 978.2, 1590.1, 0.0);  | ( 388963.9, |
| 3825989.5, 971.8, 1590.1, 0.0);              |             |
| ( 388941.8, 3825980.2, 968.6, 1590.1, 0.0);  | ( 388919.8, |
| 3825971.0, 968.2, 1590.1, 0.0);              |             |
| ( 388897.8, 3825961.7, 970.0, 1590.1, 0.0);  | ( 388875.8, |
| 3825952.4, 972.7, 1590.1, 0.0);              |             |
| ( 388853.8, 3825943.2, 974.5, 1590.1, 0.0);  | ( 388831.7, |
| 3825933.9, 975.8, 1590.1, 0.0);              |             |
| ( 388809.7, 3825924.7, 978.9, 1590.1, 0.0);  | ( 388787.7, |
| 3825915.4, 985.9, 1590.1, 0.0);              |             |
| ( 388765.7, 3825906.1, 995.6, 1590.1, 0.0);  | ( 388743.7, |
| 3825896.9, 1006.6, 1590.1, 0.0);             |             |
| ( 388721.6, 3825887.6, 1017.5, 1590.1, 0.0); | ( 388699.6, |
| 3825878.4, 1023.7, 1590.1, 0.0);             |             |
| ( 388677.6, 3825869.1, 1024.5, 1590.1, 0.0); | ( 388655.6, |
| 3825859.8, 1020.7, 1590.1, 0.0);             |             |
| ( 388633.5, 3825850.6, 1014.0, 1590.1, 0.0); | ( 388611.5, |
| 3825841.3, 1007.1, 1590.1, 0.0);             |             |
| ( 388589.5, 3825832.1, 1010.3, 1590.1, 0.0); | ( 388567.5, |
| 3825822.8, 1015.3, 1590.1, 0.0);             |             |
| ( 388545.5, 3825813.5, 1017.8, 1590.1, 0.0); | ( 388523.4, |
| 3825804.3, 1018.6, 1590.1, 0.0);             |             |
| ( 388501.4, 3825795.0, 1019.3, 1590.1, 0.0); | ( 388479.4, |
| 3825785.8, 1020.3, 1590.1, 0.0);             |             |
| ( 388457.4, 3825776.5, 1023.2, 1590.1, 0.0); | ( 388435.4, |
| 3825767.2, 1029.4, 1590.1, 0.0);             |             |
| ( 388413.3, 3825758.0, 1036.8, 1590.1, 0.0); | ( 388391.3, |
| 3825748.7, 1046.0, 1590.1, 0.0);             |             |
| ( 388369.3, 3825739.5, 1056.9, 1590.1, 0.0); | ( 388347.3, |
| 3825730.2, 1066.4, 1590.1, 0.0);             |             |
| ( 388325.2, 3825720.9, 1073.3, 1590.1, 0.0); | ( 388303.2, |

```

3825711.7, 1076.6, 1590.1, 0.0);
(388281.2, 3825702.4, 1073.3, 1590.1, 0.0); (388259.2,
3825693.2, 1065.4, 1590.1, 0.0);
(388237.2, 3825683.9, 1055.8, 1590.1, 0.0); (388215.1,
3825674.6, 1051.9, 1590.1, 0.0);
(388193.1, 3825665.4, 1056.0, 1590.1, 0.0); (388171.1,
3825656.1, 1061.2, 1590.1, 0.0);
(388149.1, 3825646.9, 1062.7, 1590.1, 0.0); (388127.1,
3825637.6, 1063.2, 1590.1, 0.0);
(388105.0, 3825628.3, 1057.5, 1590.1, 0.0); (388083.0,
3825619.1, 1048.3, 1590.1, 0.0);
(388061.0, 3825609.8, 1041.0, 1590.1, 0.0); (388039.0,
3825600.6, 1039.1, 1590.1, 0.0);
(388017.0, 3825591.3, 1042.6, 1590.1, 0.0); (387994.9,
3825582.0, 1045.4, 1590.1, 0.0);
(387972.9, 3825572.8, 1049.8, 1590.1, 0.0); (387950.9,
3825563.5, 1057.5, 1590.1, 0.0);
(387928.9, 3825554.3, 1065.5, 1590.1, 0.0); (387906.8,
3825545.0, 1072.0, 1590.1, 0.0);
(387884.8, 3825535.7, 1075.2, 1590.1, 0.0); (387862.8,
3825526.5, 1073.0, 1590.1, 0.0);
(387840.8, 3825517.2, 1068.4, 1590.1, 0.0); (387818.8,
3825508.0, 1068.1, 1590.1, 0.0);
(387796.7, 3825498.7, 1068.8, 1590.1, 0.0); (387774.7,
3825489.4, 1068.4, 1590.1, 0.0);
(387752.7, 3825480.2, 1065.0, 1590.1, 0.0); (387730.7,
3825470.9, 1059.6, 1590.1, 0.0);
(387708.6, 3825461.7, 1053.1, 1590.1, 0.0); (387686.6,
3825452.4, 1047.8, 1590.1, 0.0);
(387664.6, 3825443.1, 1048.4, 1590.1, 0.0); (387642.6,
3825433.9, 1054.6, 1590.1, 0.0);
(387620.6, 3825424.6, 1060.0, 1590.1, 0.0); (387598.5,
3825415.4, 1064.1, 1590.1, 0.0);
(387576.5, 3825406.1, 1068.6, 1590.1, 0.0); (387554.5,
3825396.8, 1073.4, 1590.1, 0.0);
(387532.5, 3825387.6, 1077.3, 1590.1, 0.0); (387510.5,
3825378.3, 1079.3, 1590.1, 0.0);
(387488.4, 3825369.0, 1084.3, 1590.1, 0.0); (387466.4,
3825359.8, 1087.8, 1590.1, 0.0);
(387444.4, 3825350.5, 1083.7, 1590.1, 0.0); (387422.4,
3825341.3, 1077.0, 1590.1, 0.0);
(387400.3, 3825332.0, 1075.9, 1590.1, 0.0); (387378.3,
3825322.8, 1082.1, 1590.1, 0.0);
(387356.3, 3825313.5, 1091.1, 1590.1, 0.0); (387334.3,
3825304.2, 1099.9, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 387312.3, 3825295.0, 1109.4, 1590.1, 0.0); | ( 387290.2, |
| 3825285.7, 1118.5, 1590.1, 0.0);             |             |
| ( 387268.2, 3825276.4, 1128.2, 1590.1, 0.0); | ( 387246.2, |
| 3825267.2, 1139.6, 1590.1, 0.0);             |             |
| ( 387224.2, 3825257.9, 1151.4, 1590.1, 0.0); | ( 387202.2, |
| 3825248.7, 1161.8, 1590.1, 0.0);             |             |
| ( 387180.1, 3825239.4, 1173.0, 1590.1, 0.0); | ( 387158.1, |
| 3825230.1, 1183.2, 1590.1, 0.0);             |             |
| ( 387136.1, 3825220.9, 1191.2, 1590.1, 0.0); | ( 387114.1, |
| 3825211.6, 1198.3, 1590.1, 0.0);             |             |
| ( 387092.0, 3825202.4, 1204.7, 1590.1, 0.0); | ( 387070.0, |
| 3825193.1, 1210.7, 1590.1, 0.0);             |             |
| ( 387048.0, 3825183.8, 1216.1, 1590.1, 0.0); | ( 387026.0, |
| 3825174.6, 1217.6, 1590.1, 0.0);             |             |
| ( 387004.0, 3825165.3, 1213.3, 1590.1, 0.0); | ( 386981.9, |
| 3825156.1, 1206.7, 1590.1, 0.0);             |             |
| ( 386959.9, 3825146.8, 1202.3, 1590.1, 0.0); | ( 386937.9, |
| 3825137.5, 1204.8, 1590.1, 0.0);             |             |
| ( 386915.9, 3825128.3, 1215.8, 1590.1, 0.0); | ( 386893.9, |
| 3825119.0, 1226.8, 1590.1, 0.0);             |             |
| ( 386871.8, 3825109.8, 1235.2, 1590.1, 0.0); | ( 386849.8, |
| 3825100.5, 1236.5, 1590.1, 0.0);             |             |
| ( 386827.8, 3825091.2, 1236.2, 1590.1, 0.0); | ( 386805.8, |
| 3825082.0, 1234.5, 1590.1, 0.0);             |             |
| ( 386783.8, 3825072.7, 1232.5, 1590.1, 0.0); | ( 386761.7, |
| 3825063.5, 1232.9, 1590.1, 0.0);             |             |
| ( 386739.7, 3825054.2, 1235.8, 1590.1, 0.0); | ( 386717.7, |
| 3825044.9, 1238.8, 1590.1, 0.0);             |             |
| ( 386695.7, 3825035.7, 1242.1, 1590.1, 0.0); | ( 386673.6, |
| 3825026.4, 1247.4, 1590.1, 0.0);             |             |
| ( 386651.6, 3825017.2, 1255.7, 1590.1, 0.0); | ( 386629.6, |
| 3825007.9, 1264.4, 1590.1, 0.0);             |             |
| ( 386607.6, 3824998.6, 1271.2, 1590.1, 0.0); | ( 386585.6, |
| 3824989.4, 1275.0, 1590.1, 0.0);             |             |
| ( 386563.5, 3824980.1, 1274.6, 1590.1, 0.0); | ( 386541.5, |
| 3824970.9, 1271.7, 1590.1, 0.0);             |             |
| ( 386519.5, 3824961.6, 1269.0, 1590.1, 0.0); | ( 386497.5, |
| 3824952.3, 1268.1, 1590.1, 0.0);             |             |
| ( 386475.5, 3824943.1, 1268.7, 1590.1, 0.0); | ( 386453.4, |
| 3824933.8, 1268.6, 1590.1, 0.0);             |             |
| ( 386431.4, 3824924.6, 1265.6, 1590.1, 0.0); | ( 386409.4, |
| 3824915.3, 1263.5, 1590.1, 0.0);             |             |
| ( 386387.4, 3824906.0, 1260.3, 1590.1, 0.0); | ( 386365.3, |

```

3824896.8, 1257.8, 1590.1, 0.0);
(386343.3, 3824887.5, 1256.5, 1590.1, 0.0); (386321.3,
3824878.3, 1256.0, 1590.1, 0.0);
(386299.3, 3824869.0, 1254.3, 1590.1, 0.0); (386267.9,
3824837.8, 1243.0, 1590.1, 0.0);
(386258.5, 3824815.8, 1234.5, 1590.1, 0.0); (386249.1,
3824793.8, 1226.1, 1590.1, 0.0);
(386239.7, 3824771.9, 1218.2, 1590.1, 0.0); (386230.3,
3824749.9, 1210.2, 1590.1, 0.0);
(386220.9, 3824727.9, 1206.3, 1590.1, 0.0); (386211.5,
3824706.0, 1208.7, 1590.1, 0.0);
(386202.1, 3824684.0, 1216.3, 1590.1, 0.0); (386192.7,
3824662.0, 1227.6, 1590.1, 0.0);
(386183.3, 3824640.1, 1237.0, 1590.1, 0.0); (386174.0,
3824618.1, 1242.5, 1590.1, 0.0);
(386164.6, 3824596.1, 1243.0, 1590.1, 0.0); (386155.2,
3824574.2, 1240.3, 1590.1, 0.0);
(386145.8, 3824552.2, 1236.5, 1590.1, 0.0); (386136.4,
3824530.2, 1231.4, 1590.1, 0.0);
(386127.0, 3824508.3, 1227.1, 1590.1, 0.0); (386117.6,
3824486.3, 1225.8, 1590.1, 0.0);
(386108.2, 3824464.3, 1228.3, 1590.1, 0.0); (386098.8,
3824442.4, 1235.9, 1590.1, 0.0);
(386089.4, 3824420.4, 1249.0, 1590.1, 0.0); (386080.0,
3824398.5, 1261.5, 1590.1, 0.0);
(386070.6, 3824376.5, 1273.1, 1590.1, 0.0); (386061.3,
3824354.5, 1283.0, 1590.1, 0.0);
(386051.9, 3824332.6, 1293.1, 1590.1, 0.0); (386042.5,
3824310.6, 1303.2, 1590.1, 0.0);
(386033.1, 3824288.6, 1313.2, 1590.1, 0.0); (386023.7,
3824266.7, 1322.3, 1590.1, 0.0);
(386014.3, 3824244.7, 1330.7, 1590.1, 0.0); (386004.9,
3824222.7, 1337.0, 1590.1, 0.0);
(385995.5, 3824200.8, 1340.9, 1590.1, 0.0); (385986.1,
3824178.8, 1343.5, 1590.1, 0.0);
(385976.7, 3824156.8, 1347.9, 1590.1, 0.0); (385967.3,
3824134.9, 1354.3, 1590.1, 0.0);
(385958.0, 3824112.9, 1362.4, 1590.1, 0.0); (385948.6,
3824090.9, 1370.7, 1590.1, 0.0);
(385939.2, 3824069.0, 1378.8, 1590.1, 0.0); (385929.8,
3824047.0, 1386.0, 1590.1, 0.0);
(385920.4, 3824025.0, 1391.4, 1590.1, 0.0); (385911.0,
3824003.1, 1395.9, 1590.1, 0.0);
(385901.6, 3823981.1, 1398.1, 1590.1, 0.0); (385892.2,
3823959.1, 1402.4, 1590.1, 0.0);
(385882.8, 3823937.2, 1407.7, 1590.1, 0.0); (385873.4,
3823915.2, 1411.4, 1590.1, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 57

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 385864.0, 3823893.2, 1411.2, 1590.1, 0.0); | ( 385854.7, |
| 3823871.3, 1408.5, 1590.1, 0.0);             |             |
| ( 385845.3, 3823849.3, 1405.3, 1590.1, 0.0); | ( 385835.9, |
| 3823827.3, 1403.0, 1590.1, 0.0);             |             |
| ( 385826.5, 3823805.4, 1401.9, 1590.1, 0.0); | ( 385817.1, |
| 3823783.4, 1402.2, 1590.1, 0.0);             |             |
| ( 385807.7, 3823761.4, 1403.2, 1590.1, 0.0); | ( 385798.3, |
| 3823739.5, 1402.1, 1590.1, 0.0);             |             |
| ( 385788.9, 3823717.5, 1398.1, 1590.1, 0.0); | ( 385779.5, |
| 3823695.5, 1392.4, 1590.1, 0.0);             |             |
| ( 385770.1, 3823673.6, 1389.3, 1590.1, 0.0); | ( 385760.8, |
| 3823651.6, 1395.1, 1590.1, 0.0);             |             |
| ( 385751.4, 3823629.6, 1401.3, 1590.1, 0.0); | ( 385742.0, |
| 3823607.7, 1406.1, 1590.1, 0.0);             |             |
| ( 385732.6, 3823585.7, 1409.5, 1590.1, 0.0); | ( 385723.2, |
| 3823563.8, 1411.3, 1590.1, 0.0);             |             |
| ( 385713.8, 3823541.8, 1410.8, 1590.1, 0.0); | ( 385704.4, |
| 3823519.8, 1407.8, 1590.1, 0.0);             |             |
| ( 385695.0, 3823497.8, 1403.8, 1590.1, 0.0); | ( 385685.6, |
| 3823475.9, 1402.6, 1590.1, 0.0);             |             |
| ( 385676.2, 3823453.9, 1402.3, 1590.1, 0.0); | ( 385666.8, |
| 3823431.9, 1404.2, 1590.1, 0.0);             |             |
| ( 385657.5, 3823410.0, 1403.5, 1590.1, 0.0); | ( 385648.1, |
| 3823388.0, 1400.6, 1590.1, 0.0);             |             |
| ( 385638.7, 3823366.0, 1398.2, 1590.1, 0.0); | ( 385629.3, |
| 3823344.1, 1399.2, 1590.1, 0.0);             |             |
| ( 385619.9, 3823322.1, 1399.6, 1590.1, 0.0); | ( 385610.5, |
| 3823300.1, 1400.1, 1590.1, 0.0);             |             |
| ( 385601.1, 3823278.2, 1400.3, 1590.1, 0.0); | ( 385591.7, |
| 3823256.2, 1399.3, 1590.1, 0.0);             |             |
| ( 385582.3, 3823234.3, 1398.0, 1590.1, 0.0); | ( 385572.9, |
| 3823212.3, 1396.3, 1590.1, 0.0);             |             |
| ( 385563.5, 3823190.3, 1395.3, 1590.1, 0.0); | ( 385554.1, |
| 3823168.4, 1394.4, 1590.1, 0.0);             |             |
| ( 385544.8, 3823146.4, 1394.0, 1590.1, 0.0); | ( 385535.4, |
| 3823124.4, 1394.0, 1590.1, 0.0);             |             |
| ( 385526.0, 3823102.5, 1393.3, 1590.1, 0.0); | ( 385516.6, |
| 3823080.5, 1392.8, 1590.1, 0.0);             |             |
| ( 385507.2, 3823058.5, 1392.9, 1590.1, 0.0); | ( 385497.8, |
| 3823036.6, 1394.2, 1590.1, 0.0);             |             |
| ( 385488.4, 3823014.6, 1394.9, 1590.1, 0.0); | ( 385479.0, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822992.6,  | 1392.7,    | 1590.1, | 0.0);   |       |             |
| ( 385469.6, | 3822970.7, | 1387.8, | 1590.1, | 0.0); | ( 385460.2, |
| 3822948.7,  | 1382.5,    | 1590.1, | 0.0);   |       |             |
| ( 385450.8, | 3822926.7, | 1383.2, | 1590.1, | 0.0); | ( 385441.5, |
| 3822904.8,  | 1389.0,    | 1590.1, | 0.0);   |       |             |
| ( 385432.1, | 3822882.8, | 1397.5, | 1590.1, | 0.0); | ( 385422.7, |
| 3822860.8,  | 1401.8,    | 1590.1, | 0.0);   |       |             |
| ( 385413.3, | 3822838.9, | 1402.8, | 1590.1, | 0.0); | ( 385403.9, |
| 3822816.9,  | 1401.9,    | 1590.1, | 0.0);   |       |             |
| ( 385394.5, | 3822794.9, | 1400.0, | 1590.1, | 0.0); | ( 385385.1, |
| 3822773.0,  | 1402.7,    | 1590.1, | 0.0);   |       |             |
| ( 385375.7, | 3822751.0, | 1407.5, | 1590.1, | 0.0); | ( 385366.3, |
| 3822729.0,  | 1408.5,    | 1590.1, | 0.0);   |       |             |
| ( 385356.9, | 3822707.1, | 1403.9, | 1590.1, | 0.0); | ( 385347.5, |
| 3822685.1,  | 1399.7,    | 1590.1, | 0.0);   |       |             |
| ( 385338.2, | 3822663.1, | 1396.0, | 1590.1, | 0.0); | ( 385328.8, |
| 3822641.2,  | 1392.7,    | 1590.1, | 0.0);   |       |             |
| ( 385319.4, | 3822619.2, | 1389.5, | 1590.1, | 0.0); | ( 385310.0, |
| 3822597.2,  | 1383.8,    | 1590.1, | 0.0);   |       |             |
| ( 385300.6, | 3822575.3, | 1378.1, | 1590.1, | 0.0); | ( 385291.2, |
| 3822553.3,  | 1371.9,    | 1590.1, | 0.0);   |       |             |
| ( 385281.8, | 3822531.3, | 1364.3, | 1590.1, | 0.0); | ( 385272.4, |
| 3822509.4,  | 1357.3,    | 1590.1, | 0.0);   |       |             |
| ( 385263.0, | 3822487.4, | 1349.4, | 1590.1, | 0.0); | ( 385253.6, |
| 3822465.4,  | 1340.2,    | 1590.1, | 0.0);   |       |             |
| ( 385244.2, | 3822443.5, | 1332.1, | 1590.1, | 0.0); | ( 385234.9, |
| 3822421.5,  | 1324.4,    | 1590.1, | 0.0);   |       |             |
| ( 385225.5, | 3822399.5, | 1318.5, | 1590.1, | 0.0); | ( 385216.1, |
| 3822377.6,  | 1313.8,    | 1590.1, | 0.0);   |       |             |
| ( 385206.7, | 3822355.6, | 1309.6, | 1590.1, | 0.0); | ( 385197.3, |
| 3822333.6,  | 1302.8,    | 1590.1, | 0.0);   |       |             |
| ( 385187.9, | 3822311.7, | 1294.9, | 1590.1, | 0.0); | ( 385178.5, |
| 3822289.7,  | 1286.6,    | 1590.1, | 0.0);   |       |             |
| ( 385169.1, | 3822267.8, | 1279.8, | 1590.1, | 0.0); | ( 385159.7, |
| 3822245.8,  | 1275.4,    | 1590.1, | 0.0);   |       |             |
| ( 385150.3, | 3822223.8, | 1274.3, | 1590.1, | 0.0); | ( 385141.0, |
| 3822201.8,  | 1274.7,    | 1590.1, | 0.0);   |       |             |
| ( 385131.6, | 3822179.9, | 1270.1, | 1590.1, | 0.0); | ( 385122.2, |
| 3822157.9,  | 1262.6,    | 1590.1, | 0.0);   |       |             |
| ( 385112.8, | 3822135.9, | 1254.1, | 1590.1, | 0.0); | ( 385103.4, |
| 3822114.0,  | 1245.2,    | 1590.1, | 0.0);   |       |             |
| ( 385094.0, | 3822092.0, | 1236.7, | 1590.1, | 0.0); | ( 385084.6, |
| 3822070.1,  | 1228.4,    | 1590.1, | 0.0);   |       |             |
| ( 385075.2, | 3822048.1, | 1220.6, | 1590.1, | 0.0); | ( 385065.8, |
| 3822026.1,  | 1210.9,    | 1590.1, | 0.0);   |       |             |
| ( 385056.4, | 3822004.2, | 1203.3, | 1590.1, | 0.0); | ( 385047.0, |
| 3821982.2,  | 1196.2,    | 1590.1, | 0.0);   |       |             |
| ( 385037.6, | 3821960.2, | 1190.2, | 1590.1, | 0.0); | ( 385028.3, |
| 3821938.3,  | 1183.4,    | 1590.1, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 58

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 385018.9, 3821916.3, 1177.0, 1590.1, 0.0); | ( 385009.5, |
| 3821894.3, 1169.0, 1590.1, 0.0);             |             |
| ( 385000.1, 3821872.4, 1156.7, 1590.1, 0.0); | ( 384990.7, |
| 3821850.4, 1147.8, 1590.1, 0.0);             |             |
| ( 384981.3, 3821828.4, 1140.9, 1590.1, 0.0); | ( 384971.9, |
| 3821806.5, 1136.3, 1590.1, 0.0);             |             |
| ( 384962.5, 3821784.5, 1131.2, 1590.1, 0.0); | ( 384953.1, |
| 3821762.5, 1127.7, 1590.1, 0.0);             |             |
| ( 384943.7, 3821740.6, 1125.7, 1590.1, 0.0); | ( 384934.3, |
| 3821718.6, 1122.9, 1590.1, 0.0);             |             |
| ( 384925.0, 3821696.6, 1116.8, 1590.1, 0.0); | ( 384915.6, |
| 3821674.7, 1110.8, 1590.1, 0.0);             |             |
| ( 384906.2, 3821652.7, 1102.2, 1590.1, 0.0); | ( 384896.8, |
| 3821630.7, 1092.2, 1590.1, 0.0);             |             |
| ( 384887.4, 3821608.8, 1083.0, 1590.1, 0.0); | ( 384878.0, |
| 3821586.8, 1074.9, 1590.1, 0.0);             |             |
| ( 384868.6, 3821564.8, 1069.6, 1590.1, 0.0); | ( 384859.2, |
| 3821542.9, 1065.5, 1590.1, 0.0);             |             |
| ( 384849.8, 3821520.9, 1061.9, 1590.1, 0.0); | ( 384840.4, |
| 3821498.9, 1058.5, 1590.1, 0.0);             |             |
| ( 384831.0, 3821477.0, 1055.5, 1590.1, 0.0); | ( 384821.7, |
| 3821455.0, 1052.3, 1590.1, 0.0);             |             |
| ( 384812.3, 3821433.0, 1049.1, 1590.1, 0.0); | ( 384802.9, |
| 3821411.1, 1045.9, 1590.1, 0.0);             |             |
| ( 384793.5, 3821389.1, 1042.8, 1590.1, 0.0); | ( 384784.1, |
| 3821367.1, 1039.7, 1590.1, 0.0);             |             |
| ( 384774.7, 3821345.2, 1036.9, 1590.1, 0.0); | ( 384765.3, |
| 3821323.2, 1034.2, 1590.1, 0.0);             |             |
| ( 384755.9, 3821301.2, 1031.7, 1590.1, 0.0); | ( 384746.5, |
| 3821279.3, 1029.1, 1590.1, 0.0);             |             |
| ( 384737.1, 3821257.3, 1026.4, 1590.1, 0.0); | ( 384727.8, |
| 3821235.3, 1023.7, 1590.1, 0.0);             |             |
| ( 384718.3, 3821213.4, 1021.0, 1590.1, 0.0); | ( 384709.0, |
| 3821191.4, 1018.4, 1590.1, 0.0);             |             |
| ( 384699.6, 3821169.4, 1015.9, 1590.1, 0.0); | ( 384690.2, |
| 3821147.5, 1013.6, 1590.1, 0.0);             |             |
| ( 384680.8, 3821125.5, 1011.4, 1590.1, 0.0); | ( 384671.4, |
| 3821103.5, 1009.3, 1590.1, 0.0);             |             |
| ( 384662.0, 3821081.6, 1007.1, 1590.1, 0.0); | ( 384652.6, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821059.6,  | 1004.9,    | 1590.1, | 0.0);   |       |             |
| ( 384643.2, | 3821037.6, | 1002.9, | 1590.1, | 0.0); | ( 384633.8, |
| 3821015.7,  | 1000.9,    | 1590.1, | 0.0);   |       |             |
| ( 384624.4, | 3820993.7, | 999.1,  | 1590.1, | 0.0); | ( 384615.0, |
| 3820971.8,  | 997.5,     | 1590.1, | 0.0);   |       |             |
| ( 384605.7, | 3820949.8, | 996.2,  | 1590.1, | 0.0); | ( 384596.3, |
| 3820927.8,  | 994.6,     | 1590.1, | 0.0);   |       |             |
| ( 384586.9, | 3820905.9, | 992.8,  | 1590.1, | 0.0); | ( 384577.5, |
| 3820883.9,  | 990.8,     | 1590.1, | 0.0);   |       |             |
| ( 384568.1, | 3820861.9, | 989.3,  | 1590.1, | 0.0); | ( 384558.7, |
| 3820840.0,  | 988.8,     | 1590.1, | 0.0);   |       |             |
| ( 384549.3, | 3820818.0, | 987.8,  | 1590.1, | 0.0); | ( 384539.9, |
| 3820796.0,  | 986.4,     | 1590.1, | 0.0);   |       |             |
| ( 384530.5, | 3820774.1, | 988.6,  | 1590.1, | 0.0); | ( 384521.1, |
| 3820752.1,  | 991.3,     | 1590.1, | 0.0);   |       |             |
| ( 384511.8, | 3820730.1, | 994.2,  | 1590.1, | 0.0); | ( 384502.4, |
| 3820708.2,  | 999.0,     | 1590.1, | 0.0);   |       |             |
| ( 384493.0, | 3820686.2, | 1003.2, | 1590.1, | 0.0); | ( 384483.6, |
| 3820664.2,  | 1004.8,    | 1590.1, | 0.0);   |       |             |
| ( 384474.2, | 3820642.3, | 1002.6, | 1590.1, | 0.0); | ( 384464.8, |
| 3820620.3,  | 998.6,     | 1590.1, | 0.0);   |       |             |
| ( 384455.4, | 3820598.3, | 995.7,  | 1590.1, | 0.0); | ( 384446.0, |
| 3820576.4,  | 994.0,     | 1590.1, | 0.0);   |       |             |
| ( 384436.6, | 3820554.4, | 990.8,  | 1590.1, | 0.0); | ( 384427.2, |
| 3820532.4,  | 985.1,     | 1590.1, | 0.0);   |       |             |
| ( 384417.8, | 3820510.5, | 979.4,  | 1590.1, | 0.0); | ( 384408.5, |
| 3820488.5,  | 974.8,     | 1590.1, | 0.0);   |       |             |
| ( 384399.1, | 3820466.5, | 972.2,  | 1590.1, | 0.0); | ( 384389.7, |
| 3820444.6,  | 971.4,     | 1590.1, | 0.0);   |       |             |
| ( 384380.3, | 3820422.6, | 971.8,  | 1590.1, | 0.0); | ( 384370.9, |
| 3820400.6,  | 972.8,     | 1590.1, | 0.0);   |       |             |
| ( 384361.5, | 3820378.7, | 974.1,  | 1590.1, | 0.0); | ( 384352.1, |
| 3820356.7,  | 976.2,     | 1590.1, | 0.0);   |       |             |
| ( 384342.7, | 3820334.7, | 978.8,  | 1590.1, | 0.0); | ( 384333.3, |
| 3820312.8,  | 979.5,     | 1590.1, | 0.0);   |       |             |
| ( 384323.9, | 3820290.8, | 980.0,  | 1590.1, | 0.0); | ( 384314.5, |
| 3820268.8,  | 981.3,     | 1590.1, | 0.0);   |       |             |
| ( 384305.1, | 3820246.9, | 983.5,  | 1590.1, | 0.0); | ( 384295.8, |
| 3820224.9,  | 985.8,     | 1590.1, | 0.0);   |       |             |
| ( 384286.4, | 3820202.9, | 987.8,  | 1590.1, | 0.0); | ( 384277.0, |
| 3820181.0,  | 990.5,     | 1590.1, | 0.0);   |       |             |
| ( 384267.6, | 3820159.0, | 994.4,  | 1590.1, | 0.0); | ( 384258.2, |
| 3820137.0,  | 998.8,     | 1590.1, | 0.0);   |       |             |
| ( 384248.8, | 3820115.1, | 1003.7, | 1590.1, | 0.0); | ( 384239.4, |
| 3820093.1,  | 1009.5,    | 1590.1, | 0.0);   |       |             |
| ( 384230.0, | 3820071.1, | 1016.8, | 1590.1, | 0.0); | ( 384220.6, |
| 3820049.2,  | 1024.3,    | 1590.1, | 0.0);   |       |             |
| ( 384211.2, | 3820027.2, | 1030.8, | 1590.1, | 0.0); | ( 384201.8, |
| 3820005.2,  | 1033.9,    | 1590.1, | 0.0);   |       |             |
| ( 384192.5, | 3819983.3, | 1033.8, | 1590.1, | 0.0); | ( 384183.1, |



3819961.3, 1032.7, 1590.1, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 59

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 384173.7, 3819939.3, 1033.8, 1590.1, 0.0); | ( 384164.3, |
| 3819917.4, 1038.2, 1590.1, 0.0);             |             |
| ( 384154.9, 3819895.4, 1040.2, 1590.1, 0.0); | ( 384145.5, |
| 3819873.4, 1038.9, 1590.1, 0.0);             |             |
| ( 384136.1, 3819851.5, 1034.5, 1590.1, 0.0); | ( 384126.7, |
| 3819829.5, 1031.1, 1590.1, 0.0);             |             |
| ( 384117.3, 3819807.5, 1029.7, 1590.1, 0.0); | ( 384107.9, |
| 3819785.6, 1031.2, 1590.1, 0.0);             |             |
| ( 384098.5, 3819763.6, 1031.3, 1590.1, 0.0); | ( 384089.2, |
| 3819741.7, 1027.6, 1590.1, 0.0);             |             |
| ( 384079.8, 3819719.7, 1021.5, 1590.1, 0.0); | ( 384070.4, |
| 3819697.7, 1015.0, 1590.1, 0.0);             |             |
| ( 384061.0, 3819675.8, 1008.3, 1590.1, 0.0); | ( 384051.6, |
| 3819653.8, 1002.8, 1590.1, 0.0);             |             |
| ( 384042.2, 3819631.8, 1000.3, 1590.1, 0.0); | ( 384032.8, |
| 3819609.9, 1002.8, 1590.1, 0.0);             |             |
| ( 384023.4, 3819587.9, 1006.0, 1590.1, 0.0); | ( 384014.0, |
| 3819565.9, 1009.6, 1590.1, 0.0);             |             |
| ( 384004.6, 3819544.0, 1015.6, 1590.1, 0.0); | ( 383995.2, |
| 3819522.0, 1023.2, 1590.1, 0.0);             |             |
| ( 383985.9, 3819500.0, 1031.0, 1590.1, 0.0); | ( 383976.5, |
| 3819478.1, 1039.0, 1590.1, 0.0);             |             |
| ( 383967.1, 3819456.1, 1048.9, 1590.1, 0.0); | ( 383957.7, |
| 3819434.1, 1059.1, 1590.1, 0.0);             |             |
| ( 383948.3, 3819412.2, 1069.1, 1590.1, 0.0); | ( 383938.9, |
| 3819390.2, 1077.5, 1590.1, 0.0);             |             |
| ( 383929.5, 3819368.2, 1082.8, 1590.1, 0.0); | ( 383920.1, |
| 3819346.3, 1087.5, 1590.1, 0.0);             |             |
| ( 383910.7, 3819324.3, 1094.2, 1590.1, 0.0); | ( 383901.3, |
| 3819302.3, 1102.2, 1590.1, 0.0);             |             |
| ( 383892.0, 3819280.4, 1108.3, 1590.1, 0.0); | ( 383882.6, |
| 3819258.4, 1111.5, 1590.1, 0.0);             |             |
| ( 383873.2, 3819236.4, 1107.0, 1590.1, 0.0); | ( 383863.8, |
| 3819214.5, 1099.5, 1590.1, 0.0);             |             |
| ( 383854.4, 3819192.5, 1094.2, 1590.1, 0.0); | ( 383845.0, |
| 3819170.5, 1091.8, 1590.1, 0.0);             |             |
| ( 383835.6, 3819148.6, 1091.0, 1590.1, 0.0); | ( 383826.2, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819126.6,  | 1087.3,    | 1590.1, | 0.0);   |       |             |
| ( 383816.8, | 3819104.6, | 1081.8, | 1590.1, | 0.0); | ( 383807.4, |
| 3819082.7,  | 1074.9,    | 1590.1, | 0.0);   |       |             |
| ( 383798.0, | 3819060.7, | 1067.5, | 1590.1, | 0.0); | ( 383788.6, |
| 3819038.7,  | 1060.5,    | 1590.1, | 0.0);   |       |             |
| ( 383779.3, | 3819016.8, | 1054.8, | 1590.1, | 0.0); | ( 383769.9, |
| 3818994.8,  | 1050.2,    | 1590.1, | 0.0);   |       |             |
| ( 383760.5, | 3818972.8, | 1046.5, | 1590.1, | 0.0); | ( 383751.1, |
| 3818950.9,  | 1044.6,    | 1590.1, | 0.0);   |       |             |
| ( 383741.7, | 3818928.9, | 1042.8, | 1590.1, | 0.0); | ( 383732.3, |
| 3818906.9,  | 1040.5,    | 1590.1, | 0.0);   |       |             |
| ( 383722.9, | 3818885.0, | 1040.5, | 1590.1, | 0.0); | ( 383713.5, |
| 3818863.0,  | 1043.8,    | 1590.1, | 0.0);   |       |             |
| ( 383704.1, | 3818841.0, | 1049.9, | 1590.1, | 0.0); | ( 383694.7, |
| 3818819.1,  | 1056.8,    | 1590.1, | 0.0);   |       |             |
| ( 383685.3, | 3818797.1, | 1065.0, | 1588.6, | 0.0); | ( 383676.0, |
| 3818775.1,  | 1074.8,    | 1140.8, | 0.0);   |       |             |
| ( 383666.6, | 3818753.2, | 1085.5, | 1125.7, | 0.0); | ( 383657.2, |
| 3818731.2,  | 1096.2,    | 1125.7, | 0.0);   |       |             |
| ( 383647.8, | 3818709.2, | 1106.0, | 1125.7, | 0.0); | ( 383638.4, |
| 3818687.3,  | 1113.1,    | 1125.7, | 0.0);   |       |             |
| ( 383629.0, | 3818665.3, | 1115.1, | 1125.7, | 0.0); | ( 383619.6, |
| 3818643.4,  | 1112.2,    | 1125.7, | 0.0);   |       |             |
| ( 383610.2, | 3818621.4, | 1105.5, | 1125.7, | 0.0); | ( 383600.8, |
| 3818599.4,  | 1097.6,    | 1125.7, | 0.0);   |       |             |
| ( 383591.4, | 3818577.5, | 1088.7, | 1125.7, | 0.0); | ( 383582.0, |
| 3818555.5,  | 1081.9,    | 1125.7, | 0.0);   |       |             |
| ( 383572.7, | 3818533.5, | 1073.6, | 1125.7, | 0.0); | ( 383563.3, |
| 3818511.6,  | 1061.9,    | 1132.0, | 0.0);   |       |             |
| ( 383553.9, | 3818489.6, | 1049.2, | 1140.8, | 0.0); | ( 383544.5, |
| 3818467.6,  | 1035.3,    | 1140.8, | 0.0);   |       |             |
| ( 383535.1, | 3818445.7, | 1023.3, | 1590.1, | 0.0); | ( 383525.7, |
| 3818423.7,  | 1013.5,    | 1590.1, | 0.0);   |       |             |
| ( 383516.3, | 3818401.7, | 1004.9, | 1590.1, | 0.0); | ( 383506.9, |
| 3818379.8,  | 998.0,     | 1590.1, | 0.0);   |       |             |
| ( 383497.5, | 3818357.8, | 991.5,  | 1590.1, | 0.0); | ( 383488.1, |
| 3818335.8,  | 985.1,     | 1590.1, | 0.0);   |       |             |
| ( 383478.8, | 3818313.9, | 978.8,  | 1590.1, | 0.0); | ( 383469.4, |
| 3818291.9,  | 972.9,     | 1590.1, | 0.0);   |       |             |
| ( 383460.0, | 3818269.9, | 968.2,  | 1590.1, | 0.0); | ( 383450.6, |
| 3818248.0,  | 964.0,     | 1590.1, | 0.0);   |       |             |
| ( 383441.2, | 3818226.0, | 961.0,  | 1590.1, | 0.0); | ( 383431.8, |
| 3818204.0,  | 958.2,     | 1590.1, | 0.0);   |       |             |
| ( 383422.4, | 3818182.1, | 955.3,  | 1590.1, | 0.0); | ( 383413.0, |
| 3818160.1,  | 952.7,     | 1590.1, | 0.0);   |       |             |
| ( 383403.6, | 3818138.1, | 950.8,  | 1590.1, | 0.0); | ( 383394.2, |
| 3818116.2,  | 948.6,     | 1590.1, | 0.0);   |       |             |
| ( 383384.8, | 3818094.2, | 946.4,  | 1590.1, | 0.0); | ( 383375.5, |
| 3818072.2,  | 944.7,     | 1590.1, | 0.0);   |       |             |
| ( 383366.1, | 3818050.3, | 941.3,  | 1590.1, | 0.0); | ( 383356.7, |

3818028.3, 938.4, 1590.1, 0.0);  
( 383347.3, 3818006.3, 936.8, 1590.1, 0.0); ( 383337.9,  
3817984.4, 935.2, 1590.1, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 60

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 383328.5, 3817962.4, 932.9, 1590.1, 0.0); ( 383319.1,  
3817940.4, 930.3, 1590.1, 0.0);  
( 383309.7, 3817918.5, 928.0, 1590.1, 0.0); ( 383300.3,  
3817896.5, 926.1, 1590.1, 0.0);  
( 383290.9, 3817874.5, 924.4, 1590.1, 0.0); ( 383281.5,  
3817852.6, 922.8, 1590.1, 0.0);  
( 383272.1, 3817830.6, 921.5, 1590.1, 0.0); ( 383262.8,  
3817808.6, 920.0, 1590.1, 0.0);  
( 383253.4, 3817786.7, 918.4, 1590.1, 0.0); ( 383244.0,  
3817764.7, 917.1, 1590.1, 0.0);  
( 383234.6, 3817742.8, 916.0, 1590.1, 0.0); ( 383225.2,  
3817720.8, 914.3, 1590.1, 0.0);  
( 383215.8, 3817698.8, 911.3, 1590.1, 0.0); ( 383206.4,  
3817676.8, 908.1, 1590.1, 0.0);  
( 383197.0, 3817654.9, 908.5, 1590.1, 0.0); ( 383187.6,  
3817632.9, 910.7, 1590.1, 0.0);  
( 383178.2, 3817610.9, 911.9, 1590.1, 0.0); ( 383168.8,  
3817589.0, 911.1, 1590.1, 0.0);  
( 383159.5, 3817567.0, 911.8, 1590.1, 0.0); ( 383150.1,  
3817545.0, 914.2, 1590.1, 0.0);  
( 383140.7, 3817523.1, 918.3, 1590.1, 0.0); ( 383131.3,  
3817501.1, 925.6, 1588.6, 0.0);  
( 383121.9, 3817479.2, 933.2, 1151.4, 0.0); ( 383112.5,  
3817457.2, 938.4, 1151.4, 0.0);  
( 383103.1, 3817435.2, 939.3, 1151.4, 0.0); ( 383093.7,  
3817413.3, 936.8, 1151.4, 0.0);  
( 383084.3, 3817391.3, 932.5, 1151.4, 0.0); ( 383074.9,  
3817369.3, 927.0, 1151.4, 0.0);  
( 383065.5, 3817347.4, 921.5, 1151.4, 0.0); ( 383056.1,  
3817325.4, 916.3, 1151.4, 0.0);  
( 383046.8, 3817303.4, 911.3, 1151.4, 0.0); ( 383037.4,  
3817281.5, 911.3, 1151.4, 0.0);  
( 383028.0, 3817259.5, 911.3, 1151.4, 0.0); ( 383018.6,  
3817237.5, 912.7, 1151.4, 0.0);  
( 383009.2, 3817215.6, 918.5, 1151.4, 0.0); ( 382999.8,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817193.6,  | 925.2,     | 1151.4, | 0.0);   |       |             |
| ( 382990.4, | 3817171.6, | 931.7,  | 1151.4, | 0.0); | ( 382981.0, |
| 3817149.7,  | 938.4,     | 1151.4, | 0.0);   |       |             |
| ( 382971.6, | 3817127.7, | 945.4,  | 1151.4, | 0.0); | ( 382962.2, |
| 3817105.7,  | 950.2,     | 1151.4, | 0.0);   |       |             |
| ( 382952.8, | 3817083.8, | 954.3,  | 1151.4, | 0.0); | ( 382943.5, |
| 3817061.8,  | 955.6,     | 1151.4, | 0.0);   |       |             |
| ( 382934.1, | 3817039.8, | 954.6,  | 1151.4, | 0.0); | ( 382924.7, |
| 3817017.9,  | 952.0,     | 1151.4, | 0.0);   |       |             |
| ( 382915.3, | 3816995.9, | 948.7,  | 1151.4, | 0.0); | ( 382905.9, |
| 3816973.9,  | 944.4,     | 1151.4, | 0.0);   |       |             |
| ( 382896.5, | 3816952.0, | 940.2,  | 1151.4, | 0.0); | ( 382887.1, |
| 3816930.0,  | 937.3,     | 1151.4, | 0.0);   |       |             |
| ( 382877.7, | 3816908.0, | 938.7,  | 1151.4, | 0.0); | ( 382868.3, |
| 3816886.1,  | 942.1,     | 1151.4, | 0.0);   |       |             |
| ( 382858.9, | 3816864.1, | 943.2,  | 1151.4, | 0.0); | ( 382849.5, |
| 3816842.1,  | 939.4,     | 1151.4, | 0.0);   |       |             |
| ( 382840.2, | 3816820.2, | 936.2,  | 1151.4, | 0.0); | ( 382830.8, |
| 3816798.2,  | 936.7,     | 1151.4, | 0.0);   |       |             |
| ( 382821.4, | 3816776.2, | 940.1,  | 1151.4, | 0.0); | ( 382812.0, |
| 3816754.3,  | 943.6,     | 1151.4, | 0.0);   |       |             |
| ( 382802.6, | 3816732.3, | 943.1,  | 1151.4, | 0.0); | ( 382793.2, |
| 3816710.3,  | 940.5,     | 1151.4, | 0.0);   |       |             |
| ( 394469.2, | 3828304.5, | 827.8,  | 827.8,  | 0.0); | ( 394493.2, |
| 3828304.9,  | 827.4,     | 827.4,  | 0.0);   |       |             |
| ( 394517.1, | 3828305.2, | 826.8,  | 826.8,  | 0.0); | ( 394541.0, |
| 3828305.5,  | 826.2,     | 826.2,  | 0.0);   |       |             |
| ( 394565.0, | 3828305.9, | 825.6,  | 825.6,  | 0.0); | ( 394588.9, |
| 3828306.2,  | 825.3,     | 825.3,  | 0.0);   |       |             |
| ( 394612.8, | 3828306.5, | 824.8,  | 824.8,  | 0.0); | ( 394636.8, |
| 3828306.8,  | 824.3,     | 824.3,  | 0.0);   |       |             |
| ( 394660.7, | 3828307.2, | 823.8,  | 823.8,  | 0.0); | ( 394684.6, |
| 3828307.5,  | 823.4,     | 823.4,  | 0.0);   |       |             |
| ( 394708.5, | 3828307.8, | 823.1,  | 823.1,  | 0.0); | ( 394732.5, |
| 3828308.1,  | 822.9,     | 822.9,  | 0.0);   |       |             |
| ( 394756.4, | 3828308.5, | 822.8,  | 822.8,  | 0.0); | ( 394780.3, |
| 3828308.8,  | 822.3,     | 822.3,  | 0.0);   |       |             |
| ( 394804.3, | 3828309.1, | 821.6,  | 821.6,  | 0.0); | ( 394828.2, |
| 3828309.5,  | 821.1,     | 821.1,  | 0.0);   |       |             |
| ( 394852.1, | 3828309.8, | 820.1,  | 820.1,  | 0.0); | ( 394876.1, |
| 3828310.1,  | 818.8,     | 818.8,  | 0.0);   |       |             |
| ( 394900.0, | 3828310.4, | 817.8,  | 817.8,  | 0.0); | ( 395089.8, |
| 3816509.0,  | 931.2,     | 1439.5, | 0.0);   |       |             |
| ( 395110.2, | 3816522.2, | 931.5,  | 1439.5, | 0.0); | ( 395130.8, |
| 3816535.5,  | 932.1,     | 1439.5, | 0.0);   |       |             |
| ( 395151.3, | 3816548.7, | 933.1,  | 1439.5, | 0.0); | ( 395171.8, |
| 3816561.9,  | 935.1,     | 1439.5, | 0.0);   |       |             |
| ( 395192.3, | 3816575.2, | 938.1,  | 1439.5, | 0.0); | ( 395212.8, |
| 3816588.4,  | 941.9,     | 1439.5, | 0.0);   |       |             |
| ( 395233.3, | 3816601.6, | 943.2,  | 1439.5, | 0.0); | ( 395253.8, |

```

3816614.8, 940.4, 1439.5, 0.0);
 (395274.3, 3816628.1, 939.2, 1439.5, 0.0); (395294.8,
3816641.3, 939.0, 1439.5, 0.0);
 (395315.3, 3816654.5, 939.6, 1439.5, 0.0); (395335.8,
3816667.8, 940.0, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 61

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395356.3, 3816681.0, 940.1, 1439.5, 0.0); (395376.8,
3816694.2, 940.5, 1439.5, 0.0);
 (395397.3, 3816707.4, 940.9, 1439.5, 0.0); (395417.8,
3816720.7, 941.0, 1439.5, 0.0);
 (395438.3, 3816733.9, 941.1, 1439.5, 0.0); (395458.8,
3816747.1, 941.3, 1439.5, 0.0);
 (395479.3, 3816760.3, 942.3, 1439.5, 0.0); (395499.9,
3816773.6, 943.1, 1439.5, 0.0);
 (395520.4, 3816786.8, 943.5, 1439.5, 0.0); (395540.9,
3816800.0, 944.5, 1439.5, 0.0);
 (395561.4, 3816813.3, 944.9, 1439.5, 0.0); (395581.9,
3816826.5, 945.7, 1439.5, 0.0);
 (395096.7, 3816543.3, 932.8, 1439.5, 0.0); (395117.2,
3816556.5, 933.4, 1439.5, 0.0);
 (395137.7, 3816569.7, 934.6, 1439.5, 0.0); (395158.2,
3816582.9, 937.5, 1439.5, 0.0);
 (395178.7, 3816596.2, 943.5, 1439.5, 0.0); (395199.2,
3816609.4, 947.7, 1439.5, 0.0);
 (395219.7, 3816622.6, 948.6, 1439.5, 0.0); (395240.2,
3816635.8, 945.4, 1439.5, 0.0);
 (395260.8, 3816649.1, 940.9, 1439.5, 0.0); (395281.2,
3816662.3, 940.7, 1439.5, 0.0);
 (395301.8, 3816675.5, 941.2, 1439.5, 0.0); (395322.3,
3816688.8, 941.5, 1439.5, 0.0);
 (395342.8, 3816702.0, 941.7, 1439.5, 0.0); (395363.3,
3816715.2, 941.8, 1439.5, 0.0);
 (395383.8, 3816728.4, 942.1, 1439.5, 0.0); (395404.3,
3816741.7, 942.0, 1439.5, 0.0);
 (395424.8, 3816754.9, 942.1, 1439.5, 0.0); (395445.3,
3816768.1, 943.9, 1439.5, 0.0);
 (395465.8, 3816781.4, 945.1, 1439.5, 0.0); (395486.3,
3816794.6, 945.0, 1439.5, 0.0);
 (395506.8, 3816807.8, 945.8, 1439.5, 0.0); (395527.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816821.0,  | 945.9,     | 1439.5, | 0.0);   |       |             |
| ( 395547.8, | 3816834.3, | 946.0,  | 1439.5, | 0.0); | ( 395568.3, |
| 3816847.5,  | 946.7,     | 1439.5, | 0.0);   |       |             |
| ( 395103.7, | 3816577.5, | 935.1,  | 1439.5, | 0.0); | ( 395124.2, |
| 3816590.7,  | 936.8,     | 1439.5, | 0.0);   |       |             |
| ( 395144.7, | 3816603.9, | 939.6,  | 1439.5, | 0.0); | ( 395165.2, |
| 3816617.2,  | 943.5,     | 1439.5, | 0.0);   |       |             |
| ( 395185.7, | 3816630.4, | 949.1,  | 1439.5, | 0.0); | ( 395206.2, |
| 3816643.6,  | 949.4,     | 1439.5, | 0.0);   |       |             |
| ( 395226.7, | 3816656.9, | 944.9,  | 1439.5, | 0.0); | ( 395247.2, |
| 3816670.1,  | 942.5,     | 1439.5, | 0.0);   |       |             |
| ( 395267.7, | 3816683.3, | 942.3,  | 1439.5, | 0.0); | ( 395288.2, |
| 3816696.5,  | 942.6,     | 1439.5, | 0.0);   |       |             |
| ( 395308.7, | 3816709.8, | 943.0,  | 1439.5, | 0.0); | ( 395329.2, |
| 3816723.0,  | 943.2,     | 1439.5, | 0.0);   |       |             |
| ( 395349.7, | 3816736.2, | 943.3,  | 1439.5, | 0.0); | ( 395370.2, |
| 3816749.5,  | 943.3,     | 1439.5, | 0.0);   |       |             |
| ( 395390.7, | 3816762.7, | 944.6,  | 1439.5, | 0.0); | ( 395411.2, |
| 3816775.9,  | 946.6,     | 1439.5, | 0.0);   |       |             |
| ( 395431.7, | 3816789.1, | 947.2,  | 1439.5, | 0.0); | ( 395452.2, |
| 3816802.4,  | 946.1,     | 1439.5, | 0.0);   |       |             |
| ( 395472.8, | 3816815.6, | 946.2,  | 1439.5, | 0.0); | ( 395493.3, |
| 3816828.8,  | 945.6,     | 1439.5, | 0.0);   |       |             |
| ( 395513.8, | 3816842.0, | 945.3,  | 1439.5, | 0.0); | ( 395534.3, |
| 3816855.3,  | 945.9,     | 1439.5, | 0.0);   |       |             |
| ( 395554.8, | 3816868.5, | 946.2,  | 1439.5, | 0.0); | ( 395069.6, |
| 3816585.3,  | 937.4,     | 1439.5, | 0.0);   |       |             |
| ( 395090.1, | 3816598.5, | 938.6,  | 1439.5, | 0.0); | ( 395110.6, |
| 3816611.7,  | 939.3,     | 1439.5, | 0.0);   |       |             |
| ( 395131.1, | 3816625.0, | 940.8,  | 1439.5, | 0.0); | ( 395151.6, |
| 3816638.2,  | 942.8,     | 1439.5, | 0.0);   |       |             |
| ( 395172.1, | 3816651.4, | 944.5,  | 1439.5, | 0.0); | ( 395192.6, |
| 3816664.6,  | 944.3,     | 1439.5, | 0.0);   |       |             |
| ( 395213.1, | 3816677.9, | 944.1,  | 1439.5, | 0.0); | ( 395233.6, |
| 3816691.1,  | 943.6,     | 1439.5, | 0.0);   |       |             |
| ( 395254.1, | 3816704.3, | 943.7,  | 1439.5, | 0.0); | ( 395274.6, |
| 3816717.5,  | 944.2,     | 1439.5, | 0.0);   |       |             |
| ( 395295.2, | 3816730.8, | 944.6,  | 1439.5, | 0.0); | ( 395315.7, |
| 3816744.0,  | 945.0,     | 1439.5, | 0.0);   |       |             |
| ( 395336.2, | 3816757.2, | 945.2,  | 1439.5, | 0.0); | ( 395356.7, |
| 3816770.5,  | 945.8,     | 1439.5, | 0.0);   |       |             |
| ( 395377.2, | 3816783.7, | 948.0,  | 1439.5, | 0.0); | ( 395397.7, |
| 3816796.9,  | 948.6,     | 1439.5, | 0.0);   |       |             |
| ( 395418.2, | 3816810.1, | 947.2,  | 1439.5, | 0.0); | ( 395438.7, |
| 3816823.4,  | 946.2,     | 1439.5, | 0.0);   |       |             |
| ( 395459.2, | 3816836.6, | 945.5,  | 1439.5, | 0.0); | ( 395479.7, |
| 3816849.8,  | 945.2,     | 1439.5, | 0.0);   |       |             |
| ( 395500.2, | 3816863.1, | 945.8,  | 1439.5, | 0.0); | ( 395520.7, |
| 3816876.3,  | 946.0,     | 1439.5, | 0.0);   |       |             |
| ( 395541.2, | 3816889.5, | 946.9,  | 1439.5, | 0.0); | ( 394981.0, |

```

3816587.6, 939.2, 1439.5, 0.0);
 (395083.5, 3816653.8, 941.8, 1439.5, 0.0); (395104.0,
3816667.0, 942.2, 1439.5, 0.0);
 (395124.5, 3816680.2, 943.1, 1439.5, 0.0); (395145.0,
3816693.4, 943.1, 1439.5, 0.0);
 (395165.5, 3816706.7, 944.2, 1439.5, 0.0); (395186.0,
3816719.9, 944.6, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 62

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395206.5, 3816733.1, 945.2, 1439.5, 0.0); (395227.0,
3816746.3, 946.0, 1439.5, 0.0);
 (395247.5, 3816759.6, 946.2, 1439.5, 0.0); (395268.0,
3816772.8, 947.0, 1439.5, 0.0);
 (395288.6, 3816786.0, 947.0, 1439.5, 0.0); (395309.1,
3816799.2, 947.7, 1439.5, 0.0);
 (395329.6, 3816812.5, 947.9, 1439.5, 0.0); (395350.1,
3816825.7, 948.7, 1439.5, 0.0);
 (395370.6, 3816838.9, 949.2, 1439.5, 0.0); (395391.1,
3816852.2, 949.5, 1439.5, 0.0);
 (395411.6, 3816865.4, 949.8, 1439.5, 0.0); (395432.1,
3816878.6, 950.6, 1439.5, 0.0);
 (395452.6, 3816891.8, 950.8, 1439.5, 0.0); (395473.1,
3816905.1, 951.6, 1439.5, 0.0);
 (395493.6, 3816918.3, 951.7, 1439.5, 0.0); (395514.1,
3816931.5, 951.8, 1439.5, 0.0);
 (395097.4, 3816722.2, 951.6, 1439.5, 0.0); (395117.9,
3816735.4, 950.8, 1439.5, 0.0);
 (395138.4, 3816748.7, 950.3, 1439.5, 0.0); (395158.9,
3816761.9, 950.6, 1439.5, 0.0);
 (395179.4, 3816775.1, 951.3, 1439.5, 0.0); (395199.9,
3816788.4, 951.9, 1439.5, 0.0);
 (395220.4, 3816801.6, 952.8, 1439.5, 0.0); (395241.0,
3816814.8, 954.2, 1439.5, 0.0);
 (395261.5, 3816828.0, 954.2, 1439.5, 0.0); (395282.0,
3816841.3, 952.7, 1439.5, 0.0);
 (395302.5, 3816854.5, 951.9, 1439.5, 0.0); (395323.0,
3816867.7, 951.7, 1439.5, 0.0);
 (395343.5, 3816880.9, 951.2, 1439.5, 0.0); (395364.0,
3816894.2, 951.5, 1439.5, 0.0);
 (395384.5, 3816907.4, 951.7, 1439.5, 0.0); (395405.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816920.6,  | 952.2,     | 1439.5, | 0.0);   |       |             |
| ( 395425.5, | 3816933.9, | 952.6,  | 1439.5, | 0.0); | ( 395446.0, |
| 3816947.1,  | 953.4,     | 1439.5, | 0.0);   |       |             |
| ( 395466.5, | 3816960.3, | 954.3,  | 1439.5, | 0.0); | ( 395487.0, |
| 3816973.5,  | 955.2,     | 1439.5, | 0.0);   |       |             |
| ( 394947.3, | 3816684.9, | 942.8,  | 1439.5, | 0.0); | ( 395029.3, |
| 3816737.8,  | 947.1,     | 1439.5, | 0.0);   |       |             |
| ( 395090.8, | 3816777.5, | 952.7,  | 1439.5, | 0.0); | ( 395111.3, |
| 3816790.7,  | 953.2,     | 1439.5, | 0.0);   |       |             |
| ( 395131.8, | 3816803.9, | 954.1,  | 1439.5, | 0.0); | ( 395152.3, |
| 3816817.1,  | 955.0,     | 1439.5, | 0.0);   |       |             |
| ( 395172.8, | 3816830.4, | 955.7,  | 1439.5, | 0.0); | ( 395193.3, |
| 3816843.6,  | 956.1,     | 1439.5, | 0.0);   |       |             |
| ( 395213.8, | 3816856.8, | 956.1,  | 1439.5, | 0.0); | ( 395234.3, |
| 3816870.1,  | 956.1,     | 1439.5, | 0.0);   |       |             |
| ( 395254.9, | 3816883.3, | 956.2,  | 1439.5, | 0.0); | ( 395275.4, |
| 3816896.5,  | 956.0,     | 1439.5, | 0.0);   |       |             |
| ( 395295.9, | 3816909.7, | 955.8,  | 1439.5, | 0.0); | ( 395316.4, |
| 3816923.0,  | 955.9,     | 1439.5, | 0.0);   |       |             |
| ( 395336.9, | 3816936.2, | 955.4,  | 1439.5, | 0.0); | ( 395357.4, |
| 3816949.4,  | 956.2,     | 1439.5, | 0.0);   |       |             |
| ( 395377.9, | 3816962.6, | 956.6,  | 1439.5, | 0.0); | ( 395398.4, |
| 3816975.9,  | 956.8,     | 1439.5, | 0.0);   |       |             |
| ( 395418.9, | 3816989.1, | 957.1,  | 1439.5, | 0.0); | ( 395439.4, |
| 3817002.3,  | 957.9,     | 1439.5, | 0.0);   |       |             |
| ( 395459.9, | 3817015.6, | 959.1,  | 1439.5, | 0.0); | ( 395084.2, |
| 3816832.7,  | 955.3,     | 1439.5, | 0.0);   |       |             |
| ( 395104.7, | 3816845.9, | 956.4,  | 1439.5, | 0.0); | ( 395125.2, |
| 3816859.2,  | 957.4,     | 1439.5, | 0.0);   |       |             |
| ( 395145.7, | 3816872.4, | 958.3,  | 1439.5, | 0.0); | ( 395166.2, |
| 3816885.6,  | 958.7,     | 1439.5, | 0.0);   |       |             |
| ( 395186.7, | 3816898.8, | 958.8,  | 1439.5, | 0.0); | ( 395207.2, |
| 3816912.1,  | 958.8,     | 1439.5, | 0.0);   |       |             |
| ( 395227.8, | 3816925.3, | 959.4,  | 1439.5, | 0.0); | ( 395248.3, |
| 3816938.5,  | 960.1,     | 1439.5, | 0.0);   |       |             |
| ( 395268.8, | 3816951.8, | 960.4,  | 1439.5, | 0.0); | ( 395289.3, |
| 3816965.0,  | 960.7,     | 1439.5, | 0.0);   |       |             |
| ( 395309.8, | 3816978.2, | 961.1,  | 1439.5, | 0.0); | ( 395330.3, |
| 3816991.4,  | 961.0,     | 1439.5, | 0.0);   |       |             |
| ( 395350.8, | 3817004.7, | 961.5,  | 1439.5, | 0.0); | ( 395371.3, |
| 3817017.9,  | 962.0,     | 1439.5, | 0.0);   |       |             |
| ( 395391.8, | 3817031.1, | 962.2,  | 1439.5, | 0.0); | ( 395412.3, |
| 3817044.3,  | 962.8,     | 1439.5, | 0.0);   |       |             |
| ( 395432.8, | 3817057.6, | 963.8,  | 1439.5, | 0.0); | ( 394913.6, |
| 3816782.1,  | 951.2,     | 1439.5, | 0.0);   |       |             |
| ( 394995.6, | 3816835.0, | 953.3,  | 1439.5, | 0.0); | ( 395016.1, |
| 3816848.3,  | 954.4,     | 1439.5, | 0.0);   |       |             |
| ( 395036.6, | 3816861.5, | 955.9,  | 1439.5, | 0.0); | ( 395057.1, |
| 3816874.7,  | 957.5,     | 1439.5, | 0.0);   |       |             |
| ( 395077.6, | 3816887.9, | 958.8,  | 1439.5, | 0.0); | ( 395098.1, |



```

3816901.2, 960.0, 1439.5, 0.0);
 (395118.6, 3816914.4, 960.8, 1439.5, 0.0); (395139.1,
3816927.6, 961.7, 1439.5, 0.0);
 (395159.6, 3816940.9, 962.3, 1439.5, 0.0); (395180.1,
3816954.1, 962.8, 1439.5, 0.0);
 (395200.6, 3816967.3, 963.3, 1439.5, 0.0); (395221.1,
3816980.5, 963.8, 1439.5, 0.0);
 (395241.7, 3816993.8, 964.2, 1439.5, 0.0); (395262.2,
3817007.0, 964.8, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 63

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395282.7, 3817020.2, 965.3, 1439.5, 0.0); (395303.2,
3817033.5, 965.6, 1439.5, 0.0);
 (395323.7, 3817046.7, 966.2, 1439.5, 0.0); (395344.2,
3817059.9, 967.3, 1439.5, 0.0);
 (395364.7, 3817073.1, 968.1, 1439.5, 0.0); (395385.2,
3817086.4, 968.5, 1439.5, 0.0);
 (395405.7, 3817099.6, 969.3, 1439.5, 0.0); (394818.3,
3816839.7, 956.5, 1439.5, 0.0);
 (394838.9, 3816852.9, 958.3, 1439.5, 0.0); (394859.4,
3816866.2, 958.8, 1439.5, 0.0);
 (394879.9, 3816879.4, 959.4, 1439.5, 0.0); (394982.4,
3816945.5, 961.0, 1439.5, 0.0);
 (395002.9, 3816958.8, 962.6, 1439.5, 0.0); (395023.4,
3816972.0, 963.8, 1439.5, 0.0);
 (395043.9, 3816985.2, 965.0, 1439.5, 0.0); (395084.9,
3817011.7, 968.0, 1439.5, 0.0);
 (395105.4, 3817024.9, 969.0, 1439.5, 0.0); (395125.9,
3817038.1, 970.0, 1439.5, 0.0);
 (395146.4, 3817051.3, 971.0, 1439.5, 0.0); (395167.0,
3817064.6, 971.9, 1439.5, 0.0);
 (395187.5, 3817077.8, 972.7, 1439.5, 0.0); (395208.0,
3817091.0, 973.3, 1439.5, 0.0);
 (395228.5, 3817104.3, 974.2, 1439.5, 0.0); (395249.0,
3817117.5, 975.3, 1439.5, 0.0);
 (395269.5, 3817130.7, 976.5, 1439.5, 0.0); (395290.0,
3817143.9, 977.6, 1439.5, 0.0);
 (395310.5, 3817157.2, 978.0, 1439.5, 0.0); (395331.0,
3817170.4, 979.8, 1439.5, 0.0);
 (395351.5, 3817183.6, 981.9, 1439.5, 0.0); (394784.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816937.0,  | 967.6,     | 1439.5, | 0.0);   |       |             |
| ( 394805.2, | 3816950.2, | 967.8,  | 1439.5, | 0.0); | ( 394825.7, |
| 3816963.4,  | 968.2,     | 1439.5, | 0.0);   |       |             |
| ( 394846.2, | 3816976.6, | 968.5,  | 1439.5, | 0.0); | ( 394948.7, |
| 3817042.8,  | 968.4,     | 1439.5, | 0.0);   |       |             |
| ( 394969.2, | 3817056.0, | 969.8,  | 1439.5, | 0.0); | ( 394989.7, |
| 3817069.2,  | 971.3,     | 1439.5, | 0.0);   |       |             |
| ( 395010.2, | 3817082.5, | 972.7,  | 1439.5, | 0.0); | ( 395092.2, |
| 3817135.4,  | 977.6,     | 1439.5, | 0.0);   |       |             |
| ( 395112.7, | 3817148.6, | 978.7,  | 1439.5, | 0.0); | ( 395133.2, |
| 3817161.8,  | 979.7,     | 1439.5, | 0.0);   |       |             |
| ( 395153.8, | 3817175.1, | 980.8,  | 1439.5, | 0.0); | ( 395174.2, |
| 3817188.3,  | 981.9,     | 1439.5, | 0.0);   |       |             |
| ( 395194.8, | 3817201.5, | 983.5,  | 1439.5, | 0.0); | ( 395215.3, |
| 3817214.8,  | 985.6,     | 1439.5, | 0.0);   |       |             |
| ( 395235.8, | 3817228.0, | 987.7,  | 1439.5, | 0.0); | ( 395256.3, |
| 3817241.2,  | 990.1,     | 1439.5, | 0.0);   |       |             |
| ( 395276.8, | 3817254.4, | 992.4,  | 1439.5, | 0.0); | ( 395297.3, |
| 3817267.7,  | 994.5,     | 1439.5, | 0.0);   |       |             |
| ( 394751.0, | 3817034.2, | 977.5,  | 1439.5, | 0.0); | ( 394771.5, |
| 3817047.5,  | 977.3,     | 1439.5, | 0.0);   |       |             |
| ( 394792.0, | 3817060.7, | 977.2,  | 1439.5, | 0.0); | ( 394812.5, |
| 3817073.9,  | 977.0,     | 1439.5, | 0.0);   |       |             |
| ( 394915.0, | 3817140.0, | 976.2,  | 1439.5, | 0.0); | ( 394935.5, |
| 3817153.3,  | 977.6,     | 1439.5, | 0.0);   |       |             |
| ( 394956.0, | 3817166.5, | 979.3,  | 1439.5, | 0.0); | ( 394976.5, |
| 3817179.7,  | 980.9,     | 1439.5, | 0.0);   |       |             |
| ( 395079.0, | 3817245.9, | 987.3,  | 1439.5, | 0.0); | ( 395099.5, |
| 3817259.1,  | 988.3,     | 1439.5, | 0.0);   |       |             |
| ( 395120.0, | 3817272.3, | 989.0,  | 1439.5, | 0.0); | ( 395140.5, |
| 3817285.5,  | 989.7,     | 1439.5, | 0.0);   |       |             |
| ( 395161.1, | 3817298.8, | 990.8,  | 1439.5, | 0.0); | ( 395181.6, |
| 3817312.0,  | 993.3,     | 1439.5, | 0.0);   |       |             |
| ( 395202.1, | 3817325.2, | 996.6,  | 1439.5, | 0.0); | ( 395222.6, |
| 3817338.5,  | 1000.2,    | 1439.5, | 0.0);   |       |             |
| ( 395243.1, | 3817351.7, | 1003.6, | 1439.5, | 0.0); | ( 394717.2, |
| 3817131.5,  | 987.3,     | 1439.5, | 0.0);   |       |             |
| ( 394737.8, | 3817144.7, | 986.7,  | 1439.5, | 0.0); | ( 394758.3, |
| 3817157.9,  | 986.3,     | 1439.5, | 0.0);   |       |             |
| ( 394778.8, | 3817171.2, | 985.5,  | 1439.5, | 0.0); | ( 394799.3, |
| 3817184.4,  | 984.9,     | 1439.5, | 0.0);   |       |             |
| ( 394881.3, | 3817237.3, | 986.0,  | 1439.5, | 0.0); | ( 394901.8, |
| 3817250.5,  | 986.9,     | 1439.5, | 0.0);   |       |             |
| ( 394922.3, | 3817263.8, | 987.8,  | 1439.5, | 0.0); | ( 394942.8, |
| 3817277.0,  | 988.7,     | 1439.5, | 0.0);   |       |             |
| ( 395045.3, | 3817343.1, | 996.5,  | 1439.5, | 0.0); | ( 395065.8, |
| 3817356.4,  | 998.1,     | 1439.5, | 0.0);   |       |             |
| ( 395086.3, | 3817369.6, | 998.7,  | 1439.5, | 0.0); | ( 395106.8, |
| 3817382.8,  | 999.0,     | 1439.5, | 0.0);   |       |             |
| ( 395127.3, | 3817396.0, | 999.3,  | 1439.5, | 0.0); | ( 395147.9, |

```

3817409.3, 1000.5, 1439.5, 0.0);
(395168.4, 3817422.5, 1002.5, 1439.5, 0.0); (395188.9,
3817435.7, 1005.2, 1439.5, 0.0);
(394683.5, 3817228.8, 995.7, 1439.5, 0.0); (394704.0,
3817242.0, 995.0, 1439.5, 0.0);
(394724.5, 3817255.2, 994.5, 1439.5, 0.0); (394745.1,
3817268.4, 994.7, 1439.5, 0.0);
(394765.6, 3817281.7, 995.2, 1439.5, 0.0); (394847.6,
3817334.6, 999.0, 1439.5, 0.0);
(394868.1, 3817347.8, 999.5, 1439.5, 0.0); (394888.6,
3817361.0, 999.9, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 64

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394909.1, 3817374.2, 1000.4, 1439.5, 0.0); (394929.6,
3817387.5, 1000.9, 1439.5, 0.0);
(394950.1, 3817400.7, 1001.3, 1439.5, 0.0); (394970.6,
3817413.9, 1001.9, 1439.5, 0.0);
(394991.1, 3817427.2, 1002.7, 1439.5, 0.0); (395011.6,
3817440.4, 1004.3, 1439.5, 0.0);
(395032.1, 3817453.6, 1006.1, 1439.5, 0.0); (395052.6,
3817466.8, 1007.2, 1439.5, 0.0);
(395073.1, 3817480.1, 1007.8, 1439.5, 0.0); (395093.6,
3817493.3, 1008.9, 1439.5, 0.0);
(395114.2, 3817506.5, 1010.8, 1439.5, 0.0); (395134.7,
3817519.8, 1012.6, 1439.5, 0.0);
(394466.0, 3817385.9, 1025.8, 1439.5, 0.0); (394486.5,
3817399.1, 1023.8, 1439.5, 0.0);
(394507.0, 3817412.4, 1021.9, 1439.5, 0.0); (394527.5,
3817425.6, 1021.3, 1439.5, 0.0);
(394548.0, 3817438.8, 1022.5, 1439.5, 0.0); (394568.5,
3817452.1, 1023.7, 1439.5, 0.0);
(394589.0, 3817465.3, 1024.5, 1439.5, 0.0); (394609.5,
3817478.5, 1025.3, 1439.5, 0.0);
(394630.0, 3817491.7, 1026.7, 1439.5, 0.0); (394650.5,
3817505.0, 1028.3, 1439.5, 0.0);
(394671.0, 3817518.2, 1029.5, 1439.5, 0.0); (394691.6,
3817531.4, 1030.6, 1439.5, 0.0);
(394773.6, 3817584.3, 1040.1, 1439.5, 0.0); (394794.1,
3817597.6, 1041.8, 1439.5, 0.0);
(394814.6, 3817610.8, 1046.3, 1439.5, 0.0); (394835.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817624.0,  | 1052.1,    | 1439.5, | 0.0);   |       |             |
| ( 394855.6, | 3817637.2, | 1059.8, | 1186.5, | 0.0); | ( 394876.1, |
| 3817650.5,  | 1064.7,    | 1186.5, | 0.0);   |       |             |
| ( 394896.6, | 3817663.7, | 1062.1, | 1186.5, | 0.0); | ( 394917.1, |
| 3817676.9,  | 1054.8,    | 1439.5, | 0.0);   |       |             |
| ( 394937.6, | 3817690.2, | 1047.9, | 1439.5, | 0.0); | ( 394958.1, |
| 3817703.4,  | 1042.7,    | 1439.5, | 0.0);   |       |             |
| ( 394978.6, | 3817716.6, | 1039.0, | 1439.5, | 0.0); | ( 394999.1, |
| 3817729.8,  | 1037.0,    | 1439.5, | 0.0);   |       |             |
| ( 394330.5, | 3817596.0, | 1060.8, | 1439.5, | 0.0); | ( 394351.0, |
| 3817609.2,  | 1054.9,    | 1439.5, | 0.0);   |       |             |
| ( 394371.5, | 3817622.5, | 1050.5, | 1439.5, | 0.0); | ( 394392.0, |
| 3817635.7,  | 1049.1,    | 1439.5, | 0.0);   |       |             |
| ( 394412.5, | 3817648.9, | 1050.2, | 1439.5, | 0.0); | ( 394433.0, |
| 3817662.1,  | 1052.4,    | 1439.5, | 0.0);   |       |             |
| ( 394453.5, | 3817675.4, | 1054.5, | 1439.5, | 0.0); | ( 394474.0, |
| 3817688.6,  | 1056.3,    | 1439.5, | 0.0);   |       |             |
| ( 394494.5, | 3817701.8, | 1058.7, | 1439.5, | 0.0); | ( 394515.0, |
| 3817715.0,  | 1062.0,    | 1439.5, | 0.0);   |       |             |
| ( 394535.5, | 3817728.3, | 1066.5, | 1439.5, | 0.0); | ( 394556.0, |
| 3817741.5,  | 1074.3,    | 1439.5, | 0.0);   |       |             |
| ( 394576.5, | 3817754.7, | 1083.0, | 1186.5, | 0.0); | ( 394597.0, |
| 3817768.0,  | 1091.0,    | 1186.5, | 0.0);   |       |             |
| ( 394617.6, | 3817781.2, | 1099.1, | 1186.5, | 0.0); | ( 394699.6, |
| 3817834.1,  | 1108.3,    | 1186.5, | 0.0);   |       |             |
| ( 394720.1, | 3817847.3, | 1104.4, | 1186.5, | 0.0); | ( 394740.6, |
| 3817860.5,  | 1099.6,    | 1186.5, | 0.0);   |       |             |
| ( 394761.1, | 3817873.8, | 1094.8, | 1186.5, | 0.0); | ( 394781.6, |
| 3817887.0,  | 1091.4,    | 1186.5, | 0.0);   |       |             |
| ( 394802.1, | 3817900.2, | 1089.3, | 1186.5, | 0.0); | ( 394822.6, |
| 3817913.5,  | 1087.7,    | 1186.5, | 0.0);   |       |             |
| ( 394843.1, | 3817926.7, | 1084.8, | 1186.5, | 0.0); | ( 394863.6, |
| 3817939.9,  | 1082.0,    | 1439.5, | 0.0);   |       |             |
| ( 394195.0, | 3817806.1, | 1029.6, | 1439.5, | 0.0); | ( 394215.5, |
| 3817819.3,  | 1038.2,    | 1439.5, | 0.0);   |       |             |
| ( 394236.0, | 3817832.5, | 1048.7, | 1439.5, | 0.0); | ( 394256.5, |
| 3817845.8,  | 1061.1,    | 1439.5, | 0.0);   |       |             |
| ( 394277.0, | 3817859.0, | 1073.5, | 1439.5, | 0.0); | ( 394297.5, |
| 3817872.2,  | 1086.2,    | 1439.5, | 0.0);   |       |             |
| ( 394318.0, | 3817885.4, | 1096.8, | 1439.5, | 0.0); | ( 394338.5, |
| 3817898.7,  | 1105.4,    | 1186.5, | 0.0);   |       |             |
| ( 394359.0, | 3817911.9, | 1110.4, | 1186.5, | 0.0); | ( 394379.5, |
| 3817925.1,  | 1110.1,    | 1186.5, | 0.0);   |       |             |
| ( 394400.0, | 3817938.4, | 1111.3, | 1186.5, | 0.0); | ( 394420.5, |
| 3817951.6,  | 1114.6,    | 1186.5, | 0.0);   |       |             |
| ( 394625.6, | 3818083.9, | 1142.8, | 1186.5, | 0.0); | ( 394646.1, |
| 3818097.1,  | 1150.5,    | 1186.5, | 0.0);   |       |             |
| ( 394666.6, | 3818110.3, | 1160.1, | 1186.5, | 0.0); | ( 394687.1, |
| 3818123.5,  | 1170.6,    | 1186.5, | 0.0);   |       |             |
| ( 394707.6, | 3818136.8, | 1179.3, | 1186.5, | 0.0); | ( 394728.1, |

```

3818150.0, 1184.9, 1186.5, 0.0);
(394059.4, 3818016.2, 1002.8, 1439.5, 0.0); (394080.0,
3818029.4, 1005.3, 1439.5, 0.0);
(394100.5, 3818042.6, 1006.4, 1439.5, 0.0); (394121.0,
3818055.8, 1009.6, 1439.5, 0.0);
(394141.5, 3818069.1, 1014.3, 1439.5, 0.0); (394162.0,
3818082.3, 1018.8, 1439.5, 0.0);
(394182.5, 3818095.5, 1023.1, 1439.5, 0.0); (394203.0,
3818108.8, 1027.3, 1439.5, 0.0);
(394428.5, 3818254.3, 1066.5, 1439.5, 0.0); (394449.0,
3818267.5, 1070.3, 1439.5, 0.0);
(394469.5, 3818280.7, 1077.0, 1439.5, 0.0); (394490.0,
3818293.9, 1084.7, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 65

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394510.6, 3818307.2, 1089.3, 1439.5, 0.0); (394531.1,
3818320.4, 1087.1, 1439.5, 0.0);
(394551.6, 3818333.6, 1083.1, 1439.5, 0.0); (394572.1,
3818346.9, 1083.6, 1439.5, 0.0);
(394592.6, 3818360.1, 1087.3, 1439.5, 0.0); (393788.4,
3818436.3, 1029.3, 1439.5, 0.0);
(393808.9, 3818449.5, 1022.2, 1439.5, 0.0); (394034.5,
3818595.1, 1011.7, 1439.5, 0.0);
(394055.0, 3818608.3, 1012.3, 1439.5, 0.0); (394075.5,
3818621.5, 1012.7, 1439.5, 0.0);
(394096.0, 3818634.7, 1012.5, 1439.5, 0.0); (394116.5,
3818648.0, 1012.5, 1439.5, 0.0);
(394137.0, 3818661.2, 1015.3, 1439.5, 0.0); (394157.5,
3818674.4, 1016.9, 1439.5, 0.0);
(394178.0, 3818687.6, 1018.4, 1439.5, 0.0); (394198.5,
3818700.9, 1019.8, 1439.5, 0.0);
(394219.0, 3818714.1, 1021.5, 1439.5, 0.0); (394239.5,
3818727.3, 1023.0, 1439.5, 0.0);
(394260.0, 3818740.6, 1022.8, 1439.5, 0.0); (394280.5,
3818753.8, 1023.5, 1439.5, 0.0);
(394301.0, 3818767.0, 1024.8, 1439.5, 0.0); (394321.5,
3818780.2, 1027.7, 1439.5, 0.0);
(393619.9, 3818922.6, 1049.1, 1439.5, 0.0); (393640.4,
3818935.9, 1054.0, 1439.5, 0.0);
(393660.9, 3818949.1, 1054.0, 1439.5, 0.0); (393681.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818962.3,  | 1050.9,    | 1439.5, | 0.0);   |       |             |
| ( 393701.9, | 3818975.5, | 1051.0, | 1439.5, | 0.0); | ( 393722.4, |
| 3818988.8,  | 1050.6,    | 1439.5, | 0.0);   |       |             |
| ( 393742.9, | 3819002.0, | 1050.9, | 1439.5, | 0.0); | ( 393763.4, |
| 3819015.2,  | 1051.2,    | 1439.5, | 0.0);   |       |             |
| ( 393783.9, | 3819028.4, | 1048.7, | 1439.5, | 0.0); | ( 393804.4, |
| 3819041.7,  | 1045.7,    | 1439.5, | 0.0);   |       |             |
| ( 393824.9, | 3819054.9, | 1046.5, | 1439.5, | 0.0); | ( 393845.5, |
| 3819068.1,  | 1048.0,    | 1439.5, | 0.0);   |       |             |
| ( 393866.0, | 3819081.4, | 1048.7, | 1439.5, | 0.0); | ( 393886.5, |
| 3819094.6,  | 1049.1,    | 1439.5, | 0.0);   |       |             |
| ( 393907.0, | 3819107.8, | 1050.1, | 1439.5, | 0.0); | ( 393927.5, |
| 3819121.0,  | 1052.8,    | 1439.5, | 0.0);   |       |             |
| ( 393948.0, | 3819134.3, | 1056.0, | 1439.5, | 0.0); | ( 393968.5, |
| 3819147.5,  | 1059.5,    | 1439.5, | 0.0);   |       |             |
| ( 393989.0, | 3819160.7, | 1066.8, | 1439.5, | 0.0); | ( 394009.5, |
| 3819173.9,  | 1073.3,    | 1439.5, | 0.0);   |       |             |
| ( 394030.0, | 3819187.2, | 1076.5, | 1439.5, | 0.0); | ( 394050.5, |
| 3819200.4,  | 1078.4,    | 1439.5, | 0.0);   |       |             |
| ( 393246.3, | 3819276.6, | 1109.3, | 1439.5, | 0.0); | ( 393266.8, |
| 3819289.9,  | 1110.9,    | 1439.5, | 0.0);   |       |             |
| ( 393287.3, | 3819303.1, | 1114.0, | 1439.5, | 0.0); | ( 393307.8, |
| 3819316.3,  | 1111.6,    | 1439.5, | 0.0);   |       |             |
| ( 393328.3, | 3819329.6, | 1105.6, | 1439.5, | 0.0); | ( 393348.8, |
| 3819342.8,  | 1103.1,    | 1439.5, | 0.0);   |       |             |
| ( 393369.3, | 3819356.0, | 1102.0, | 1439.5, | 0.0); | ( 393389.9, |
| 3819369.2,  | 1101.1,    | 1439.5, | 0.0);   |       |             |
| ( 393410.4, | 3819382.5, | 1100.6, | 1439.5, | 0.0); | ( 393430.9, |
| 3819395.7,  | 1100.5,    | 1439.5, | 0.0);   |       |             |
| ( 393451.4, | 3819408.9, | 1100.0, | 1439.5, | 0.0); | ( 393471.9, |
| 3819422.2,  | 1099.6,    | 1439.5, | 0.0);   |       |             |
| ( 393492.4, | 3819435.4, | 1099.9, | 1439.5, | 0.0); | ( 393512.9, |
| 3819448.6,  | 1100.4,    | 1439.5, | 0.0);   |       |             |
| ( 393533.4, | 3819461.8, | 1101.5, | 1439.5, | 0.0); | ( 393553.9, |
| 3819475.1,  | 1106.8,    | 1439.5, | 0.0);   |       |             |
| ( 393574.4, | 3819488.3, | 1112.1, | 1439.5, | 0.0); | ( 393594.9, |
| 3819501.5,  | 1114.5,    | 1439.5, | 0.0);   |       |             |
| ( 393615.4, | 3819514.8, | 1113.8, | 1439.5, | 0.0); | ( 393635.9, |
| 3819528.0,  | 1113.8,    | 1439.5, | 0.0);   |       |             |
| ( 393656.4, | 3819541.2, | 1117.7, | 1439.5, | 0.0); | ( 393676.9, |
| 3819554.4,  | 1121.9,    | 1439.5, | 0.0);   |       |             |
| ( 393697.4, | 3819567.7, | 1125.5, | 1439.5, | 0.0); | ( 393717.9, |
| 3819580.9,  | 1128.5,    | 1439.5, | 0.0);   |       |             |
| ( 393738.5, | 3819594.1, | 1131.1, | 1439.5, | 0.0); | ( 393759.0, |
| 3819607.3,  | 1133.0,    | 1439.5, | 0.0);   |       |             |
| ( 393779.5, | 3819620.6, | 1136.3, | 1439.5, | 0.0); | ( 392975.3, |
| 3819696.8,  | 1116.6,    | 1439.5, | 0.0);   |       |             |
| ( 392995.8, | 3819710.0, | 1125.5, | 1439.5, | 0.0); | ( 393016.3, |
| 3819723.3,  | 1135.9,    | 1439.5, | 0.0);   |       |             |
| ( 393036.8, | 3819736.5, | 1147.0, | 1439.5, | 0.0); | ( 393057.3, |

```

3819749.7, 1157.8, 1439.5, 0.0);
(393077.8, 3819762.9, 1168.1, 1439.5, 0.0); (393098.3,
3819776.2, 1176.5, 1439.5, 0.0);
(393118.8, 3819789.4, 1180.0, 1439.5, 0.0); (393139.3,
3819802.6, 1179.2, 1439.5, 0.0);
(393159.8, 3819815.9, 1175.8, 1439.5, 0.0); (393180.3,
3819829.1, 1172.2, 1439.5, 0.0);
(393200.8, 3819842.3, 1168.8, 1439.5, 0.0); (393221.3,
3819855.5, 1164.9, 1439.5, 0.0);
(393241.8, 3819868.8, 1160.7, 1439.5, 0.0); (393262.3,
3819882.0, 1156.6, 1439.5, 0.0);
(393282.9, 3819895.2, 1153.3, 1439.5, 0.0); (393303.4,
3819908.5, 1151.4, 1439.5, 0.0);
(393323.9, 3819921.7, 1152.5, 1439.5, 0.0); (393344.4,
3819934.9, 1156.1, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 66

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(393364.9, 3819948.1, 1158.0, 1439.5, 0.0); (393385.4,
3819961.4, 1159.8, 1439.5, 0.0);
(393405.9, 3819974.6, 1165.9, 1439.5, 0.0); (393426.4,
3819987.8, 1173.1, 1439.5, 0.0);
(393446.9, 3820001.0, 1180.1, 1439.5, 0.0); (393467.4,
3820014.3, 1188.6, 1439.5, 0.0);
(393487.9, 3820027.5, 1196.9, 1439.5, 0.0); (393508.4,
3820040.7, 1203.7, 1439.5, 0.0);
(392252.5, 3820817.2, 1385.1, 1389.3, 0.0); (392273.0,
3820830.5, 1385.4, 1389.3, 0.0);
(392293.5, 3820843.7, 1381.3, 1393.6, 0.0); (392314.0,
3820856.9, 1375.0, 1422.1, 0.0);
(392334.5, 3820870.2, 1367.9, 1422.1, 0.0); (392355.0,
3820883.4, 1360.5, 1422.1, 0.0);
(392375.5, 3820896.6, 1352.6, 1439.5, 0.0); (392396.0,
3820909.8, 1344.2, 1439.5, 0.0);
(392416.5, 3820923.1, 1335.3, 1439.5, 0.0); (392437.0,
3820936.3, 1326.4, 1439.5, 0.0);
(392457.6, 3820949.5, 1317.8, 1439.5, 0.0); (392478.1,
3820962.8, 1309.9, 1439.5, 0.0);
(392498.6, 3820976.0, 1309.2, 1439.5, 0.0); (392519.1,
3820989.2, 1313.6, 1439.5, 0.0);
(392539.6, 3821002.4, 1318.1, 1439.5, 0.0); (392560.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821015.7,  | 1321.6,    | 1439.5, | 0.0);   |       |             |
| ( 392580.6, | 3821028.9, | 1325.4, | 1439.5, | 0.0); | ( 392601.1, |
| 3821042.1,  | 1331.1,    | 1439.5, | 0.0);   |       |             |
| ( 392621.6, | 3821055.3, | 1337.4, | 1439.5, | 0.0); | ( 392642.1, |
| 3821068.6,  | 1343.9,    | 1439.5, | 0.0);   |       |             |
| ( 392662.6, | 3821081.8, | 1352.2, | 1439.5, | 0.0); | ( 392683.1, |
| 3821095.0,  | 1361.8,    | 1439.5, | 0.0);   |       |             |
| ( 392703.6, | 3821108.3, | 1372.0, | 1439.5, | 0.0); | ( 392724.1, |
| 3821121.5,  | 1379.2,    | 1439.5, | 0.0);   |       |             |
| ( 392744.6, | 3821134.7, | 1382.7, | 1439.5, | 0.0); | ( 392765.1, |
| 3821147.9,  | 1382.1,    | 1439.5, | 0.0);   |       |             |
| ( 392785.6, | 3821161.2, | 1380.7, | 1439.5, | 0.0); | ( 391529.7, |
| 3821937.7,  | 1305.9,    | 1422.1, | 0.0);   |       |             |
| ( 391550.2, | 3821950.9, | 1314.6, | 1422.1, | 0.0); | ( 391570.7, |
| 3821964.1,  | 1323.3,    | 1374.8, | 0.0);   |       |             |
| ( 391591.2, | 3821977.4, | 1332.2, | 1369.8, | 0.0); | ( 391611.8, |
| 3821990.6,  | 1341.3,    | 1369.8, | 0.0);   |       |             |
| ( 391632.3, | 3822003.8, | 1350.6, | 1369.8, | 0.0); | ( 391652.8, |
| 3822017.0,  | 1359.4,    | 1369.8, | 0.0);   |       |             |
| ( 391673.3, | 3822030.3, | 1365.7, | 1367.0, | 0.0); | ( 391693.8, |
| 3822043.5,  | 1365.7,    | 1365.7, | 0.0);   |       |             |
| ( 391714.3, | 3822056.7, | 1361.8, | 1369.8, | 0.0); | ( 391734.8, |
| 3822070.0,  | 1354.5,    | 1369.8, | 0.0);   |       |             |
| ( 391755.3, | 3822083.2, | 1345.2, | 1369.8, | 0.0); | ( 391775.8, |
| 3822096.4,  | 1335.4,    | 1369.8, | 0.0);   |       |             |
| ( 391796.3, | 3822109.6, | 1327.4, | 1374.8, | 0.0); | ( 391816.8, |
| 3822122.9,  | 1320.3,    | 1422.1, | 0.0);   |       |             |
| ( 391837.3, | 3822136.1, | 1317.6, | 1422.1, | 0.0); | ( 391857.8, |
| 3822149.3,  | 1315.5,    | 1422.1, | 0.0);   |       |             |
| ( 391878.3, | 3822162.6, | 1312.7, | 1422.1, | 0.0); | ( 391898.8, |
| 3822175.8,  | 1307.5,    | 1422.1, | 0.0);   |       |             |
| ( 391919.3, | 3822189.0, | 1301.8, | 1422.1, | 0.0); | ( 391939.8, |
| 3822202.2,  | 1298.4,    | 1422.1, | 0.0);   |       |             |
| ( 391960.3, | 3822215.5, | 1296.7, | 1422.1, | 0.0); | ( 391980.8, |
| 3822228.7,  | 1293.1,    | 1422.1, | 0.0);   |       |             |
| ( 392001.3, | 3822241.9, | 1286.8, | 1422.1, | 0.0); | ( 392021.9, |
| 3822255.1,  | 1276.5,    | 1438.6, | 0.0);   |       |             |
| ( 392042.4, | 3822268.4, | 1264.5, | 1439.5, | 0.0); | ( 392062.9, |
| 3822281.6,  | 1252.1,    | 1439.5, | 0.0);   |       |             |
| ( 390807.0, | 3823058.1, | 1122.9, | 1590.1, | 0.0); | ( 390827.5, |
| 3823071.3,  | 1133.4,    | 1590.1, | 0.0);   |       |             |
| ( 390848.0, | 3823084.6, | 1144.3, | 1590.1, | 0.0); | ( 390868.5, |
| 3823097.8,  | 1154.5,    | 1590.1, | 0.0);   |       |             |
| ( 390889.0, | 3823111.0, | 1162.6, | 1590.1, | 0.0); | ( 390909.5, |
| 3823124.3,  | 1164.9,    | 1590.1, | 0.0);   |       |             |
| ( 390930.0, | 3823137.5, | 1160.7, | 1590.1, | 0.0); | ( 390950.5, |
| 3823150.7,  | 1155.6,    | 1590.1, | 0.0);   |       |             |
| ( 390971.0, | 3823163.9, | 1157.2, | 1590.1, | 0.0); | ( 390991.5, |
| 3823177.2,  | 1154.3,    | 1590.1, | 0.0);   |       |             |
| ( 391012.0, | 3823190.4, | 1147.2, | 1590.1, | 0.0); | ( 391032.5, |



```

3823203.6, 1139.9, 1590.1, 0.0);
(391053.0, 3823216.8, 1134.6, 1590.1, 0.0); (391073.5,
3823230.1, 1127.6, 1590.1, 0.0);
(391094.0, 3823243.3, 1119.9, 1590.1, 0.0); (391114.5,
3823256.5, 1109.6, 1590.1, 0.0);
(391135.0, 3823269.8, 1099.1, 1590.1, 0.0); (391155.5,
3823283.0, 1092.3, 1590.1, 0.0);
(391176.0, 3823296.2, 1086.7, 1590.1, 0.0); (391196.6,
3823309.4, 1081.2, 1590.1, 0.0);
(391217.1, 3823322.7, 1075.3, 1590.1, 0.0); (391237.6,
3823335.9, 1069.0, 1590.1, 0.0);
(391258.1, 3823349.1, 1064.9, 1590.1, 0.0); (391278.6,
3823362.4, 1061.5, 1590.1, 0.0);
(391299.1, 3823375.6, 1060.1, 1590.1, 0.0); (391319.6,
3823388.8, 1057.4, 1590.1, 0.0);
(391340.1, 3823402.0, 1054.9, 1590.1, 0.0); (390084.2,
3824178.6, 1287.0, 1587.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 67

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390104.7, 3824191.8, 1279.5, 1587.8, 0.0); (390125.2,
3824205.0, 1268.9, 1587.8, 0.0);
(390145.7, 3824218.2, 1264.9, 1587.8, 0.0); (390166.2,
3824231.5, 1260.8, 1587.8, 0.0);
(390186.7, 3824244.7, 1255.4, 1588.1, 0.0); (390207.2,
3824257.9, 1256.8, 1587.8, 0.0);
(390227.7, 3824271.1, 1261.4, 1587.8, 0.0); (390248.2,
3824284.4, 1259.2, 1587.8, 0.0);
(390268.7, 3824297.6, 1250.9, 1587.8, 0.0); (390289.2,
3824310.8, 1241.8, 1588.1, 0.0);
(390309.7, 3824324.1, 1232.9, 1588.1, 0.0); (390330.2,
3824337.3, 1226.4, 1588.1, 0.0);
(390350.8, 3824350.5, 1227.7, 1588.1, 0.0); (390371.3,
3824363.7, 1227.4, 1588.1, 0.0);
(390391.8, 3824377.0, 1225.3, 1588.1, 0.0); (390412.3,
3824390.2, 1222.5, 1588.1, 0.0);
(390432.8, 3824403.4, 1218.7, 1588.1, 0.0); (390453.3,
3824416.6, 1210.5, 1589.5, 0.0);
(390473.8, 3824429.9, 1201.6, 1590.0, 0.0); (390494.3,
3824443.1, 1193.5, 1590.0, 0.0);
(390514.8, 3824456.3, 1183.7, 1590.1, 0.0); (390535.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824469.6,  | 1172.3,    | 1590.1, | 0.0);   |       |             |
| ( 390555.8, | 3824482.8, | 1162.6, | 1590.1, | 0.0); | ( 390576.3, |
| 3824496.0,  | 1157.7,    | 1590.1, | 0.0);   |       |             |
| ( 390596.8, | 3824509.2, | 1154.1, | 1590.1, | 0.0); | ( 390617.3, |
| 3824522.5,  | 1150.4,    | 1590.1, | 0.0);   |       |             |
| ( 389361.4, | 3825299.0, | 1029.1, | 1590.1, | 0.0); | ( 389381.9, |
| 3825312.2,  | 1033.8,    | 1590.1, | 0.0);   |       |             |
| ( 389402.4, | 3825325.4, | 1038.4, | 1590.1, | 0.0); | ( 389422.9, |
| 3825338.7,  | 1038.1,    | 1590.1, | 0.0);   |       |             |
| ( 389443.4, | 3825351.9, | 1034.9, | 1590.1, | 0.0); | ( 389463.9, |
| 3825365.1,  | 1030.4,    | 1590.1, | 0.0);   |       |             |
| ( 389484.4, | 3825378.4, | 1023.1, | 1590.1, | 0.0); | ( 389504.9, |
| 3825391.6,  | 1013.9,    | 1590.1, | 0.0);   |       |             |
| ( 389525.5, | 3825404.8, | 1004.6, | 1590.1, | 0.0); | ( 389546.0, |
| 3825418.0,  | 995.2,     | 1590.1, | 0.0);   |       |             |
| ( 389566.5, | 3825431.3, | 988.7,  | 1590.1, | 0.0); | ( 389587.0, |
| 3825444.5,  | 984.5,     | 1590.1, | 0.0);   |       |             |
| ( 389607.5, | 3825457.7, | 983.4,  | 1590.1, | 0.0); | ( 389628.0, |
| 3825470.9,  | 984.0,     | 1590.1, | 0.0);   |       |             |
| ( 389648.5, | 3825484.2, | 985.1,  | 1590.1, | 0.0); | ( 389669.0, |
| 3825497.4,  | 984.8,     | 1590.1, | 0.0);   |       |             |
| ( 389689.5, | 3825510.6, | 981.6,  | 1590.1, | 0.0); | ( 389710.0, |
| 3825523.9,  | 976.3,     | 1590.1, | 0.0);   |       |             |
| ( 389730.5, | 3825537.1, | 971.8,  | 1590.1, | 0.0); | ( 389751.0, |
| 3825550.3,  | 970.1,     | 1590.1, | 0.0);   |       |             |
| ( 389771.5, | 3825563.5, | 968.4,  | 1590.1, | 0.0); | ( 389792.0, |
| 3825576.8,  | 967.0,     | 1590.1, | 0.0);   |       |             |
| ( 389812.5, | 3825590.0, | 966.6,  | 1590.1, | 0.0); | ( 389833.0, |
| 3825603.2,  | 968.8,     | 1590.1, | 0.0);   |       |             |
| ( 389853.5, | 3825616.5, | 973.0,  | 1590.1, | 0.0); | ( 389874.0, |
| 3825629.7,  | 977.1,     | 1590.1, | 0.0);   |       |             |
| ( 389894.5, | 3825642.9, | 979.5,  | 1590.1, | 0.0); | ( 388638.6, |
| 3826419.4,  | 1066.1,    | 1590.1, | 0.0);   |       |             |
| ( 388659.1, | 3826432.6, | 1062.4, | 1590.1, | 0.0); | ( 388679.6, |
| 3826445.9,  | 1059.1,    | 1590.1, | 0.0);   |       |             |
| ( 388700.1, | 3826459.1, | 1053.9, | 1590.1, | 0.0); | ( 388720.6, |
| 3826472.3,  | 1047.8,    | 1590.1, | 0.0);   |       |             |
| ( 388741.2, | 3826485.6, | 1041.8, | 1590.1, | 0.0); | ( 388761.7, |
| 3826498.8,  | 1035.0,    | 1590.1, | 0.0);   |       |             |
| ( 388782.2, | 3826512.0, | 1031.8, | 1590.1, | 0.0); | ( 388802.7, |
| 3826525.2,  | 1032.0,    | 1590.1, | 0.0);   |       |             |
| ( 388823.2, | 3826538.5, | 1031.7, | 1590.1, | 0.0); | ( 388843.7, |
| 3826551.7,  | 1027.6,    | 1590.1, | 0.0);   |       |             |
| ( 388864.2, | 3826564.9, | 1023.9, | 1590.1, | 0.0); | ( 388884.7, |
| 3826578.2,  | 1021.8,    | 1590.1, | 0.0);   |       |             |
| ( 388905.2, | 3826591.4, | 1020.3, | 1590.1, | 0.0); | ( 388925.7, |
| 3826604.6,  | 1017.8,    | 1590.1, | 0.0);   |       |             |
| ( 388946.2, | 3826617.8, | 1016.3, | 1590.1, | 0.0); | ( 388966.7, |
| 3826631.1,  | 1013.7,    | 1590.1, | 0.0);   |       |             |
| ( 388987.2, | 3826644.3, | 1008.8, | 1590.1, | 0.0); | ( 389007.7, |

```

3826657.5, 1003.5, 1590.1, 0.0);
(389028.2, 3826670.8, 999.6, 1590.1, 0.0); (389048.7,
3826684.0, 1003.5, 1590.1, 0.0);
(389069.2, 3826697.2, 1007.8, 1590.1, 0.0); (389089.8,
3826710.4, 1007.9, 1590.1, 0.0);
(389110.2, 3826723.7, 1003.1, 1590.1, 0.0); (389130.8,
3826736.9, 996.2, 1590.1, 0.0);
(389151.3, 3826750.1, 990.1, 1590.1, 0.0); (389171.8,
3826763.3, 985.8, 1590.1, 0.0);
(395593.8, 3816851.9, 946.9, 1439.5, 0.0); (395582.2,
3816881.4, 947.1, 1439.5, 0.0);
(395423.3, 3816907.3, 951.5, 1439.5, 0.0); (395380.2,
3816932.7, 954.0, 1439.5, 0.0);
(395347.2, 3816975.0, 958.8, 1439.5, 0.0); (395304.1,
3817000.5, 962.9, 1439.5, 0.0);
(395208.1, 3817034.5, 968.4, 1439.5, 0.0); (395228.0,
3817068.2, 970.9, 1439.5, 0.0);
(395122.0, 3817085.4, 973.7, 1439.5, 0.0); (395141.9,
3817119.1, 976.1, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 68

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395036.0, 3817136.4, 977.6, 1439.5, 0.0); (395055.9,
3817170.0, 980.8, 1439.5, 0.0);
(394979.7, 3817237.8, 985.8, 1439.5, 0.0); (394883.7,
3817271.8, 989.8, 1439.5, 0.0);
(394648.6, 3817365.4, 1009.5, 1439.5, 0.0); (394668.5,
3817399.1, 1012.6, 1439.5, 0.0);
(394443.4, 3817509.5, 1034.6, 1439.5, 0.0); (394463.3,
3817543.2, 1036.5, 1439.5, 0.0);
(394003.1, 3817747.2, 993.6, 1439.5, 0.0); (394023.0,
3817780.9, 996.0, 1439.5, 0.0);
(393572.7, 3818001.7, 980.8, 1439.5, 0.0); (393592.6,
3818035.4, 981.3, 1439.5, 0.0);
(393142.3, 3818256.3, 973.5, 1439.5, 0.0); (393162.2,
3818289.9, 978.1, 1439.5, 0.0);
(392741.8, 3818561.3, 1000.6, 1439.5, 0.0); (392281.6,
3818765.3, 1007.9, 1439.5, 0.0);
(392301.5, 3818799.0, 1009.9, 1439.5, 0.0); (391133.9,
3819444.0, 999.2, 1590.1, 0.0);
(391153.8, 3819477.7, 1001.7, 1590.1, 0.0); (389986.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820122.8,  | 1104.5,    | 1590.1, | 0.0);   |       |             |
| ( 390006.2, | 3820156.4, | 1095.8, | 1590.1, | 0.0); | ( 388838.6, |
| 3820801.5,  | 1064.1,    | 1590.1, | 0.0);   |       |             |
| ( 388858.5, | 3820835.1, | 1069.2, | 1590.1, | 0.0); | ( 387691.0, |
| 3821480.2,  | 1104.3,    | 1590.1, | 0.0);   |       |             |
| ( 387710.9, | 3821513.9, | 1107.7, | 1590.1, | 0.0); | ( 386543.3, |
| 3822158.9,  | 1283.4,    | 1590.1, | 0.0);   |       |             |
| ( 386563.2, | 3822192.6, | 1286.4, | 1590.1, | 0.0); | ( 395615.9, |
| 3816879.1,  | 948.0,     | 1439.5, | 0.0);   |       |             |
| ( 395638.8, | 3816888.4, | 948.5,  | 1439.5, | 0.0); | ( 395661.6, |
| 3816897.6,  | 949.1,     | 1439.5, | 0.0);   |       |             |
| ( 395606.5, | 3816902.3, | 948.3,  | 1439.5, | 0.0); | ( 395629.4, |
| 3816911.6,  | 948.9,     | 1439.5, | 0.0);   |       |             |
| ( 395652.3, | 3816920.8, | 949.7,  | 1439.5, | 0.0); | ( 395579.0, |
| 3816909.8,  | 948.3,     | 1439.5, | 0.0);   |       |             |
| ( 395597.2, | 3816925.5, | 949.5,  | 1439.5, | 0.0); | ( 395620.0, |
| 3816934.8,  | 950.0,     | 1439.5, | 0.0);   |       |             |
| ( 395642.9, | 3816944.0, | 950.7,  | 1439.5, | 0.0); | ( 395571.6, |
| 3816934.7,  | 950.0,     | 1439.5, | 0.0);   |       |             |
| ( 395610.6, | 3816957.9, | 951.5,  | 1439.5, | 0.0); | ( 395633.5, |
| 3816967.2,  | 951.9,     | 1439.5, | 0.0);   |       |             |
| ( 395550.8, | 3816979.3, | 954.8,  | 1439.5, | 0.0); | ( 395532.6, |
| 3816963.7,  | 954.0,     | 1439.5, | 0.0);   |       |             |
| ( 395569.0, | 3816995.0, | 955.9,  | 1439.5, | 0.0); | ( 395591.9, |
| 3817004.3,  | 956.2,     | 1439.5, | 0.0);   |       |             |
| ( 395614.8, | 3817013.5, | 956.4,  | 1439.5, | 0.0); | ( 395534.1, |
| 3817027.4,  | 960.2,     | 1439.5, | 0.0);   |       |             |
| ( 395501.7, | 3816999.6, | 957.2,  | 1439.5, | 0.0); | ( 395573.1, |
| 3817050.6,  | 962.2,     | 1439.5, | 0.0);   |       |             |
| ( 395596.0, | 3817059.9, | 962.3,  | 1439.5, | 0.0); | ( 395514.2, |
| 3817072.8,  | 966.8,     | 1439.5, | 0.0);   |       |             |
| ( 395496.8, | 3817057.9, | 964.5,  | 1439.5, | 0.0); | ( 395479.5, |
| 3817042.9,  | 962.3,     | 1439.5, | 0.0);   |       |             |
| ( 395531.5, | 3817087.7, | 968.9,  | 1439.5, | 0.0); | ( 395554.4, |
| 3817097.0,  | 969.9,     | 1439.5, | 0.0);   |       |             |
| ( 395577.3, | 3817106.2, | 970.9,  | 1439.5, | 0.0); | ( 395494.6, |
| 3817118.4,  | 972.6,     | 1439.5, | 0.0);   |       |             |
| ( 395476.3, | 3817102.7, | 969.8,  | 1439.5, | 0.0); | ( 395458.1, |
| 3817087.0,  | 967.4,     | 1439.5, | 0.0);   |       |             |
| ( 395512.8, | 3817134.1, | 975.5,  | 1439.5, | 0.0); | ( 395535.6, |
| 3817143.3,  | 977.2,     | 1439.5, | 0.0);   |       |             |
| ( 395558.5, | 3817152.6, | 978.7,  | 1439.5, | 0.0); | ( 395477.0, |
| 3817165.8,  | 978.9,     | 1439.5, | 0.0);   |       |             |
| ( 395443.0, | 3817136.5, | 973.7,  | 1439.5, | 0.0); | ( 395494.0, |
| 3817180.4,  | 981.8,     | 1439.5, | 0.0);   |       |             |
| ( 395516.9, | 3817189.7, | 984.2,  | 1439.5, | 0.0); | ( 395539.8, |
| 3817198.9,  | 986.1,     | 1319.2, | 0.0);   |       |             |
| ( 395438.3, | 3817257.4, | 992.4,  | 1439.5, | 0.0); | ( 395420.1, |
| 3817241.8,  | 988.4,     | 1439.5, | 0.0);   |       |             |
| ( 395401.9, | 3817226.1, | 986.1,  | 1439.5, | 0.0); | ( 395383.7, |

```

3817210.4, 984.1, 1439.5, 0.0);
(395456.5, 3817273.1, 996.1, 1186.5, 0.0); (395479.4,
3817282.4, 998.7, 1186.5, 0.0);
(395502.3, 3817291.6, 1001.1, 1186.5, 0.0); (395401.2,
3817350.5, 1015.7, 1186.5, 0.0);
(395383.4, 3817335.2, 1009.6, 1186.5, 0.0); (395365.6,
3817319.8, 1004.2, 1429.2, 0.0);
(395347.8, 3817304.5, 1000.6, 1439.5, 0.0); (395330.0,
3817289.2, 997.8, 1439.5, 0.0);
(395187.5, 3817166.6, 980.1, 1439.5, 0.0); (395169.7,
3817151.3, 979.0, 1439.5, 0.0);
(395419.0, 3817365.8, 1021.1, 1186.5, 0.0); (395441.9,
3817375.1, 1022.0, 1186.5, 0.0);
(395464.8, 3817384.3, 1022.6, 1186.5, 0.0); (395363.0,
3817442.5, 1025.6, 1186.5, 0.0);
(395344.4, 3817426.6, 1020.4, 1186.5, 0.0); (395325.8,
3817410.6, 1016.7, 1186.5, 0.0);
(395307.2, 3817394.6, 1013.0, 1439.5, 0.0); (395288.7,
3817378.6, 1009.5, 1439.5, 0.0);
(395270.1, 3817362.6, 1006.9, 1439.5, 0.0); (395177.2,
3817282.7, 990.4, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 69

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395158.7, 3817266.8, 988.1, 1439.5, 0.0); (395140.1,
3817250.8, 986.6, 1439.5, 0.0);
(395121.5, 3817234.8, 985.9, 1439.5, 0.0); (395103.0,
3817218.8, 985.2, 1439.5, 0.0);
(395084.4, 3817202.8, 983.9, 1439.5, 0.0); (395381.5,
3817458.5, 1031.2, 1186.5, 0.0);
(395404.4, 3817467.8, 1038.0, 1186.5, 0.0); (395427.3,
3817477.0, 1045.4, 1186.5, 0.0);
(395325.8, 3817535.6, 1039.9, 1186.5, 0.0); (395307.6,
3817519.9, 1033.1, 1186.5, 0.0);
(395289.4, 3817504.2, 1026.6, 1186.5, 0.0); (395271.2,
3817488.5, 1020.4, 1439.5, 0.0);
(395253.0, 3817472.9, 1015.5, 1439.5, 0.0); (395234.7,
3817457.2, 1011.4, 1439.5, 0.0);
(395216.5, 3817441.5, 1007.8, 1439.5, 0.0); (395143.7,
3817378.8, 997.4, 1439.5, 0.0);
(395125.5, 3817363.1, 996.7, 1439.5, 0.0); (395107.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817347.5,  | 996.1,     | 1439.5, | 0.0);   |       |             |
| ( 395089.0, | 3817331.8, | 995.4,  | 1439.5, | 0.0); | ( 395034.4, |
| 3817284.8,  | 991.0,     | 1439.5, | 0.0);   |       |             |
| ( 395016.2, | 3817269.1, | 989.4,  | 1439.5, | 0.0); | ( 394998.0, |
| 3817253.4,  | 987.5,     | 1439.5, | 0.0);   |       |             |
| ( 395344.0, | 3817551.2, | 1045.8, | 1186.5, | 0.0); | ( 395366.9, |
| 3817560.5,  | 1049.5,    | 1186.5, | 0.0);   |       |             |
| ( 395389.8, | 3817569.7, | 1051.8, | 1186.5, | 0.0); | ( 395288.6, |
| 3817628.5,  | 1057.6,    | 1186.5, | 0.0);   |       |             |
| ( 395270.6, | 3817613.0, | 1048.4, | 1186.5, | 0.0); | ( 395252.7, |
| 3817597.6,  | 1039.6,    | 1186.5, | 0.0);   |       |             |
| ( 395234.7, | 3817582.1, | 1032.6, | 1439.5, | 0.0); | ( 395216.8, |
| 3817566.7,  | 1026.3,    | 1439.5, | 0.0);   |       |             |
| ( 395198.8, | 3817551.2, | 1020.9, | 1439.5, | 0.0); | ( 395180.9, |
| 3817535.8,  | 1017.0,    | 1439.5, | 0.0);   |       |             |
| ( 395162.9, | 3817520.4, | 1013.7, | 1439.5, | 0.0); | ( 395109.1, |
| 3817474.0,  | 1006.9,    | 1439.5, | 0.0);   |       |             |
| ( 395091.1, | 3817458.6, | 1005.3, | 1439.5, | 0.0); | ( 395073.2, |
| 3817443.1,  | 1005.1,    | 1439.5, | 0.0);   |       |             |
| ( 395055.2, | 3817427.7, | 1004.3, | 1439.5, | 0.0); | ( 395037.3, |
| 3817412.2,  | 1002.6,    | 1439.5, | 0.0);   |       |             |
| ( 395019.3, | 3817396.8, | 1000.6, | 1439.5, | 0.0); | ( 395001.4, |
| 3817381.3,  | 998.6,     | 1439.5, | 0.0);   |       |             |
| ( 394983.4, | 3817365.9, | 996.8,  | 1439.5, | 0.0); | ( 394965.5, |
| 3817350.4,  | 995.3,     | 1439.5, | 0.0);   |       |             |
| ( 394947.5, | 3817335.0, | 994.3,  | 1439.5, | 0.0); | ( 395306.5, |
| 3817643.9,  | 1068.1,    | 1186.5, | 0.0);   |       |             |
| ( 395329.4, | 3817653.2, | 1078.1, | 1186.5, | 0.0); | ( 395352.2, |
| 3817662.4,  | 1087.6,    | 1186.5, | 0.0);   |       |             |
| ( 395194.3, | 3817859.8, | 1062.5, | 1186.5, | 0.0); | ( 395175.9, |
| 3817844.0,  | 1055.0,    | 1439.5, | 0.0);   |       |             |
| ( 395157.5, | 3817828.1, | 1049.1, | 1439.5, | 0.0); | ( 395139.1, |
| 3817812.3,  | 1044.4,    | 1439.5, | 0.0);   |       |             |
| ( 395120.6, | 3817796.4, | 1040.7, | 1439.5, | 0.0); | ( 395102.2, |
| 3817780.6,  | 1037.7,    | 1439.5, | 0.0);   |       |             |
| ( 395083.8, | 3817764.7, | 1035.2, | 1439.5, | 0.0); | ( 395065.4, |
| 3817748.8,  | 1033.2,    | 1439.5, | 0.0);   |       |             |
| ( 395047.0, | 3817733.0, | 1032.6, | 1439.5, | 0.0); | ( 395028.5, |
| 3817717.1,  | 1032.9,    | 1439.5, | 0.0);   |       |             |
| ( 395010.1, | 3817701.3, | 1033.5, | 1439.5, | 0.0); | ( 394991.7, |
| 3817685.4,  | 1034.5,    | 1439.5, | 0.0);   |       |             |
| ( 394973.3, | 3817669.6, | 1036.5, | 1439.5, | 0.0); | ( 394954.8, |
| 3817653.7,  | 1040.0,    | 1439.5, | 0.0);   |       |             |
| ( 394936.4, | 3817637.9, | 1044.6, | 1439.5, | 0.0); | ( 394918.0, |
| 3817622.0,  | 1049.4,    | 1439.5, | 0.0);   |       |             |
| ( 394899.6, | 3817606.2, | 1049.1, | 1439.5, | 0.0); | ( 394881.1, |
| 3817590.3,  | 1044.3,    | 1439.5, | 0.0);   |       |             |
| ( 394807.4, | 3817526.9, | 1027.6, | 1439.5, | 0.0); | ( 394789.0, |
| 3817511.0,  | 1025.9,    | 1439.5, | 0.0);   |       |             |
| ( 394770.6, | 3817495.2, | 1023.8, | 1439.5, | 0.0); | ( 394752.2, |

```

3817479.3, 1021.5, 1439.5, 0.0);
(394733.8, 3817463.5, 1018.8, 1439.5, 0.0); (394715.3,
3817447.6, 1016.9, 1439.5, 0.0);
(394696.9, 3817431.8, 1015.5, 1439.5, 0.0); (395212.8,
3817875.7, 1070.1, 1186.5, 0.0);
(395235.6, 3817884.9, 1078.8, 1186.5, 0.0); (395258.5,
3817894.2, 1087.8, 1186.5, 0.0);
(395100.8, 3818091.8, 1106.4, 1186.5, 0.0); (395082.6,
3818076.1, 1102.7, 1186.5, 0.0);
(395064.4, 3818060.4, 1096.5, 1186.5, 0.0); (395027.9,
3818029.1, 1081.6, 1439.5, 0.0);
(395009.7, 3818013.4, 1076.2, 1439.5, 0.0); (394991.5,
3817997.7, 1073.4, 1439.5, 0.0);
(394973.3, 3817982.0, 1069.6, 1439.5, 0.0); (394955.1,
3817966.4, 1067.0, 1439.5, 0.0);
(394936.9, 3817950.7, 1065.3, 1439.5, 0.0); (394918.6,
3817935.0, 1066.0, 1439.5, 0.0);
(394900.4, 3817919.3, 1068.7, 1439.5, 0.0); (394882.2,
3817903.7, 1071.2, 1439.5, 0.0);
(394864.0, 3817888.0, 1074.1, 1439.5, 0.0); (394845.8,
3817872.3, 1076.1, 1439.5, 0.0);
(394827.6, 3817856.7, 1076.0, 1439.5, 0.0); (394809.4,
3817841.0, 1076.4, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 70

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394736.5, 3817778.3, 1097.9, 1186.5, 0.0); (394718.3,
3817762.6, 1100.2, 1186.5, 0.0);
(394700.1, 3817746.9, 1100.2, 1186.5, 0.0); (394681.9,
3817731.3, 1095.8, 1186.5, 0.0);
(394663.6, 3817715.6, 1085.6, 1186.5, 0.0); (394645.4,
3817699.9, 1076.9, 1186.5, 0.0);
(394627.2, 3817684.2, 1068.6, 1439.5, 0.0); (394609.0,
3817668.6, 1062.7, 1439.5, 0.0);
(394590.8, 3817652.9, 1056.5, 1439.5, 0.0); (394572.6,
3817637.2, 1051.3, 1439.5, 0.0);
(394554.4, 3817621.5, 1047.7, 1439.5, 0.0); (394536.1,
3817605.9, 1045.2, 1439.5, 0.0);
(394517.9, 3817590.2, 1043.9, 1439.5, 0.0); (394499.7,
3817574.5, 1041.9, 1439.5, 0.0);
(394481.5, 3817558.8, 1039.3, 1439.5, 0.0); (395119.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818107.4,  | 1106.7,    | 1186.5, | 0.0);   |       |             |
| ( 395141.9, | 3818116.7, | 1104.0, | 1186.5, | 0.0); | ( 395164.7, |
| 3818125.9,  | 1100.5,    | 1186.5, | 0.0);   |       |             |
| ( 394951.2, | 3818275.5, | 1142.7, | 1186.5, | 0.0); | ( 394932.7, |
| 3818259.6,  | 1135.9,    | 1186.5, | 0.0);   |       |             |
| ( 394914.2, | 3818243.7, | 1130.0, | 1186.5, | 0.0); | ( 394895.7, |
| 3818227.7,  | 1129.5,    | 1186.5, | 0.0);   |       |             |
| ( 394877.2, | 3818211.8, | 1134.7, | 1186.5, | 0.0); | ( 394858.7, |
| 3818195.9,  | 1141.3,    | 1186.5, | 0.0);   |       |             |
| ( 394840.2, | 3818180.0, | 1148.8, | 1186.5, | 0.0); | ( 394821.7, |
| 3818164.0,  | 1156.6,    | 1186.5, | 0.0);   |       |             |
| ( 394803.2, | 3818148.1, | 1163.6, | 1186.5, | 0.0); | ( 394784.7, |
| 3818132.2,  | 1168.1,    | 1186.5, | 0.0);   |       |             |
| ( 394766.2, | 3818116.3, | 1171.6, | 1186.5, | 0.0); | ( 394747.7, |
| 3818100.3,  | 1171.8,    | 1186.5, | 0.0);   |       |             |
| ( 394729.2, | 3818084.4, | 1169.2, | 1186.5, | 0.0); | ( 394655.2, |
| 3818020.7,  | 1142.5,    | 1186.5, | 0.0);   |       |             |
| ( 394636.7, | 3818004.8, | 1134.5, | 1186.5, | 0.0); | ( 394618.2, |
| 3817988.9,  | 1125.0,    | 1186.5, | 0.0);   |       |             |
| ( 394599.7, | 3817973.0, | 1116.3, | 1186.5, | 0.0); | ( 394581.2, |
| 3817957.0,  | 1109.2,    | 1186.5, | 0.0);   |       |             |
| ( 394562.7, | 3817941.1, | 1104.1, | 1186.5, | 0.0); | ( 394544.2, |
| 3817925.2,  | 1102.6,    | 1186.5, | 0.0);   |       |             |
| ( 394525.7, | 3817909.3, | 1102.1, | 1186.5, | 0.0); | ( 394507.2, |
| 3817893.4,  | 1101.4,    | 1186.5, | 0.0);   |       |             |
| ( 394488.6, | 3817877.4, | 1097.8, | 1186.5, | 0.0); | ( 394470.1, |
| 3817861.5,  | 1092.0,    | 1439.5, | 0.0);   |       |             |
| ( 394451.6, | 3817845.6, | 1086.4, | 1439.5, | 0.0); | ( 394433.1, |
| 3817829.7,  | 1081.7,    | 1439.5, | 0.0);   |       |             |
| ( 394414.6, | 3817813.8, | 1078.2, | 1439.5, | 0.0); | ( 394396.1, |
| 3817797.8,  | 1075.6,    | 1439.5, | 0.0);   |       |             |
| ( 394377.6, | 3817781.9, | 1072.1, | 1439.5, | 0.0); | ( 394359.1, |
| 3817766.0,  | 1067.8,    | 1439.5, | 0.0);   |       |             |
| ( 394340.6, | 3817750.1, | 1062.4, | 1439.5, | 0.0); | ( 394322.1, |
| 3817734.1,  | 1058.2,    | 1439.5, | 0.0);   |       |             |
| ( 394303.6, | 3817718.2, | 1055.6, | 1439.5, | 0.0); | ( 394285.1, |
| 3817702.3,  | 1049.4,    | 1439.5, | 0.0);   |       |             |
| ( 394266.6, | 3817686.4, | 1043.4, | 1439.5, | 0.0); | ( 395025.2, |
| 3818339.2,  | 1123.8,    | 1186.5, | 0.0);   |       |             |
| ( 395048.1, | 3818348.4, | 1114.8, | 1186.5, | 0.0); | ( 395071.0, |
| 3818357.7,  | 1107.1,    | 1439.5, | 0.0);   |       |             |
| ( 394913.2, | 3818555.2, | 1075.4, | 1439.5, | 0.0); | ( 394894.8, |
| 3818539.4,  | 1078.6,    | 1439.5, | 0.0);   |       |             |
| ( 394876.5, | 3818523.6, | 1082.5, | 1439.5, | 0.0); | ( 394858.1, |
| 3818507.8,  | 1087.5,    | 1439.5, | 0.0);   |       |             |
| ( 394839.8, | 3818492.0, | 1094.8, | 1439.5, | 0.0); | ( 394821.5, |
| 3818476.3,  | 1104.0,    | 1439.5, | 0.0);   |       |             |
| ( 394803.1, | 3818460.5, | 1113.7, | 1439.5, | 0.0); | ( 394784.8, |
| 3818444.7,  | 1123.0,    | 1439.5, | 0.0);   |       |             |
| ( 394766.5, | 3818428.9, | 1131.7, | 1186.5, | 0.0); | ( 394748.1, |



```

3818413.1, 1135.8, 1186.5, 0.0);
(394729.8, 3818397.4, 1134.0, 1186.5, 0.0); (394711.4,
3818381.6, 1127.3, 1439.5, 0.0);
(394693.1, 3818365.8, 1120.2, 1439.5, 0.0); (394674.8,
3818350.0, 1115.1, 1439.5, 0.0);
(394656.4, 3818334.2, 1110.2, 1439.5, 0.0); (394583.1,
3818271.1, 1104.9, 1439.5, 0.0);
(394564.7, 3818255.3, 1107.1, 1439.5, 0.0); (394546.4,
3818239.6, 1104.3, 1439.5, 0.0);
(394528.1, 3818223.8, 1096.1, 1439.5, 0.0); (394509.7,
3818208.0, 1090.5, 1439.5, 0.0);
(394491.4, 3818192.2, 1093.1, 1439.5, 0.0); (394473.0,
3818176.4, 1098.3, 1439.5, 0.0);
(394454.7, 3818160.7, 1104.2, 1439.5, 0.0); (394436.4,
3818144.9, 1108.4, 1439.5, 0.0);
(394418.0, 3818129.1, 1108.0, 1439.5, 0.0); (394399.7,
3818113.3, 1104.1, 1439.5, 0.0);
(394381.3, 3818097.5, 1097.8, 1439.5, 0.0); (394363.0,
3818081.8, 1090.5, 1439.5, 0.0);
(394344.7, 3818066.0, 1083.2, 1439.5, 0.0); (394326.3,
3818050.2, 1077.4, 1439.5, 0.0);
(394308.0, 3818034.4, 1072.8, 1439.5, 0.0); (394289.7,
3818018.6, 1068.6, 1439.5, 0.0);
(394271.3, 3818002.8, 1064.2, 1439.5, 0.0); (394253.0,
3817987.1, 1058.0, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 71

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394234.6, 3817971.3, 1050.6, 1439.5, 0.0); (394216.3,
3817955.5, 1042.4, 1439.5, 0.0);
(394198.0, 3817939.7, 1035.3, 1439.5, 0.0); (394179.6,
3817923.9, 1029.1, 1439.5, 0.0);
(394161.3, 3817908.2, 1024.1, 1439.5, 0.0); (394143.0,
3817892.4, 1017.8, 1439.5, 0.0);
(394124.6, 3817876.6, 1012.6, 1439.5, 0.0); (394931.5,
3818570.9, 1072.3, 1439.5, 0.0);
(394954.4, 3818580.2, 1071.5, 1439.5, 0.0); (394977.2,
3818589.4, 1074.3, 1439.5, 0.0);
(394725.6, 3819018.6, 1075.8, 1439.5, 0.0); (394707.2,
3819002.8, 1077.3, 1439.5, 0.0);
(394688.8, 3818986.9, 1075.2, 1439.5, 0.0); (394670.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818971.1,  | 1069.7,    | 1439.5, | 0.0);   |       |             |
| ( 394651.9, | 3818955.2, | 1063.2, | 1439.5, | 0.0); | ( 394633.5, |
| 3818939.4,  | 1057.4,    | 1439.5, | 0.0);   |       |             |
| ( 394615.1, | 3818923.6, | 1052.0, | 1439.5, | 0.0); | ( 394596.7, |
| 3818907.7,  | 1047.8,    | 1439.5, | 0.0);   |       |             |
| ( 394578.3, | 3818891.9, | 1045.1, | 1439.5, | 0.0); | ( 394559.9, |
| 3818876.0,  | 1043.6,    | 1439.5, | 0.0);   |       |             |
| ( 394541.5, | 3818860.2, | 1042.1, | 1439.5, | 0.0); | ( 394523.1, |
| 3818844.3,  | 1040.8,    | 1439.5, | 0.0);   |       |             |
| ( 394504.6, | 3818828.5, | 1039.0, | 1439.5, | 0.0); | ( 394486.2, |
| 3818812.7,  | 1036.5,    | 1439.5, | 0.0);   |       |             |
| ( 394467.8, | 3818796.8, | 1034.2, | 1439.5, | 0.0); | ( 394449.4, |
| 3818781.0,  | 1032.1,    | 1439.5, | 0.0);   |       |             |
| ( 394431.0, | 3818765.1, | 1030.0, | 1439.5, | 0.0); | ( 394302.1, |
| 3818654.2,  | 1019.4,    | 1439.5, | 0.0);   |       |             |
| ( 394283.7, | 3818638.4, | 1018.1, | 1439.5, | 0.0); | ( 394265.3, |
| 3818622.5,  | 1016.5,    | 1439.5, | 0.0);   |       |             |
| ( 394246.9, | 3818606.7, | 1015.4, | 1439.5, | 0.0); | ( 394228.5, |
| 3818590.9,  | 1014.6,    | 1439.5, | 0.0);   |       |             |
| ( 394210.1, | 3818575.0, | 1013.9, | 1439.5, | 0.0); | ( 394191.7, |
| 3818559.2,  | 1013.7,    | 1439.5, | 0.0);   |       |             |
| ( 394173.3, | 3818543.3, | 1013.0, | 1439.5, | 0.0); | ( 394154.9, |
| 3818527.5,  | 1011.1,    | 1439.5, | 0.0);   |       |             |
| ( 394136.5, | 3818511.7, | 1007.1, | 1439.5, | 0.0); | ( 394118.0, |
| 3818495.8,  | 1002.9,    | 1439.5, | 0.0);   |       |             |
| ( 394099.6, | 3818480.0, | 1001.0, | 1439.5, | 0.0); | ( 394081.2, |
| 3818464.1,  | 999.6,     | 1439.5, | 0.0);   |       |             |
| ( 394062.8, | 3818448.3, | 999.2,  | 1439.5, | 0.0); | ( 394044.4, |
| 3818432.4,  | 998.1,     | 1439.5, | 0.0);   |       |             |
| ( 394026.0, | 3818416.6, | 997.0,  | 1439.5, | 0.0); | ( 394007.6, |
| 3818400.8,  | 994.8,     | 1439.5, | 0.0);   |       |             |
| ( 393989.2, | 3818384.9, | 994.6,  | 1439.5, | 0.0); | ( 393970.8, |
| 3818369.1,  | 993.5,     | 1439.5, | 0.0);   |       |             |
| ( 393952.3, | 3818353.2, | 992.6,  | 1439.5, | 0.0); | ( 393933.9, |
| 3818337.4,  | 990.3,     | 1439.5, | 0.0);   |       |             |
| ( 393915.5, | 3818321.5, | 991.2,  | 1439.5, | 0.0); | ( 393897.1, |
| 3818305.7,  | 992.8,     | 1439.5, | 0.0);   |       |             |
| ( 393878.7, | 3818289.9, | 992.5,  | 1439.5, | 0.0); | ( 393860.3, |
| 3818274.0,  | 991.2,     | 1439.5, | 0.0);   |       |             |
| ( 393841.9, | 3818258.2, | 989.2,  | 1439.5, | 0.0); | ( 393823.5, |
| 3818242.3,  | 987.4,     | 1439.5, | 0.0);   |       |             |
| ( 393805.1, | 3818226.5, | 986.3,  | 1439.5, | 0.0); | ( 393786.6, |
| 3818210.6,  | 985.0,     | 1439.5, | 0.0);   |       |             |
| ( 393768.2, | 3818194.8, | 983.5,  | 1439.5, | 0.0); | ( 393749.8, |
| 3818179.0,  | 981.6,     | 1439.5, | 0.0);   |       |             |
| ( 393731.4, | 3818163.1, | 979.4,  | 1439.5, | 0.0); | ( 393713.0, |
| 3818147.3,  | 977.6,     | 1439.5, | 0.0);   |       |             |
| ( 393694.6, | 3818131.4, | 977.1,  | 1439.5, | 0.0); | ( 393676.2, |
| 3818115.6,  | 977.0,     | 1439.5, | 0.0);   |       |             |
| ( 393657.8, | 3818099.8, | 975.3,  | 1439.5, | 0.0); | ( 393639.4, |

```

3818083.9, 974.6, 1439.5, 0.0);
 (393621.0, 3818068.1, 975.9, 1439.5, 0.0); (394744.0,
3819034.5, 1073.7, 1439.5, 0.0);
 (394766.8, 3819043.7, 1072.1, 1439.5, 0.0); (394789.7,
3819053.0, 1071.1, 1439.5, 0.0);
 (394538.0, 3819482.1, 1130.7, 1439.5, 0.0); (394519.6,
3819466.2, 1139.6, 1439.5, 0.0);
 (394501.1, 3819450.3, 1149.0, 1439.5, 0.0); (394482.6,
3819434.4, 1154.6, 1439.5, 0.0);
 (394464.2, 3819418.5, 1156.7, 1439.5, 0.0); (394445.7,
3819402.7, 1151.7, 1439.5, 0.0);
 (394427.3, 3819386.8, 1142.0, 1439.5, 0.0); (394408.8,
3819370.9, 1136.0, 1439.5, 0.0);
 (394390.4, 3819355.0, 1135.5, 1439.5, 0.0); (394371.9,
3819339.1, 1138.4, 1439.5, 0.0);
 (394353.5, 3819323.2, 1139.2, 1439.5, 0.0); (394335.0,
3819307.4, 1136.7, 1439.5, 0.0);
 (394316.5, 3819291.5, 1132.8, 1439.5, 0.0); (394298.1,
3819275.6, 1126.4, 1439.5, 0.0);
 (394279.6, 3819259.7, 1117.3, 1439.5, 0.0); (394261.2,
3819243.8, 1109.3, 1439.5, 0.0);
 (394242.7, 3819228.0, 1103.3, 1439.5, 0.0); (394224.2,
3819212.1, 1101.3, 1439.5, 0.0);
 (394205.8, 3819196.2, 1097.4, 1439.5, 0.0); (394187.3,
3819180.3, 1092.9, 1439.5, 0.0);
 (394168.9, 3819164.4, 1091.2, 1439.5, 0.0); (394150.4,
3819148.5, 1089.3, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 72

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394021.2, 3819037.4, 1067.6, 1439.5, 0.0); (394002.8,
3819021.5, 1063.0, 1439.5, 0.0);
 (393984.3, 3819005.6, 1057.9, 1439.5, 0.0); (393965.8,
3818989.7, 1052.3, 1439.5, 0.0);
 (393947.4, 3818973.8, 1045.8, 1439.5, 0.0); (393928.9,
3818957.9, 1041.8, 1439.5, 0.0);
 (393910.5, 3818942.1, 1040.8, 1439.5, 0.0); (393892.0,
3818926.2, 1040.1, 1439.5, 0.0);
 (393873.6, 3818910.3, 1037.7, 1439.5, 0.0); (393855.1,
3818894.4, 1034.7, 1439.5, 0.0);
 (393836.6, 3818878.5, 1032.3, 1439.5, 0.0); (393818.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818862.6,  | 1031.1,    | 1439.5, | 0.0);   |       |             |
| ( 393799.7, | 3818846.8, | 1030.7, | 1439.5, | 0.0); | ( 393781.3, |
| 3818830.9,  | 1031.1,    | 1439.5, | 0.0);   |       |             |
| ( 393762.8, | 3818815.0, | 1029.5, | 1439.5, | 0.0); | ( 393744.4, |
| 3818799.1,  | 1027.4,    | 1439.5, | 0.0);   |       |             |
| ( 393725.9, | 3818783.2, | 1025.0, | 1439.5, | 0.0); | ( 393707.4, |
| 3818767.3,  | 1022.0,    | 1439.5, | 0.0);   |       |             |
| ( 393689.0, | 3818751.5, | 1020.1, | 1439.5, | 0.0); | ( 393670.5, |
| 3818735.6,  | 1018.1,    | 1439.5, | 0.0);   |       |             |
| ( 393652.1, | 3818719.7, | 1016.8, | 1439.5, | 0.0); | ( 393633.6, |
| 3818703.8,  | 1015.3,    | 1439.5, | 0.0);   |       |             |
| ( 393615.2, | 3818687.9, | 1013.9, | 1439.5, | 0.0); | ( 393596.7, |
| 3818672.0,  | 1012.1,    | 1439.5, | 0.0);   |       |             |
| ( 393578.2, | 3818656.2, | 1010.6, | 1439.5, | 0.0); | ( 393559.8, |
| 3818640.3,  | 1009.5,    | 1439.5, | 0.0);   |       |             |
| ( 393541.3, | 3818624.4, | 1008.9, | 1439.5, | 0.0); | ( 393522.9, |
| 3818608.5,  | 1008.5,    | 1439.5, | 0.0);   |       |             |
| ( 393504.4, | 3818592.6, | 1005.1, | 1439.5, | 0.0); | ( 393486.0, |
| 3818576.8,  | 1002.4,    | 1439.5, | 0.0);   |       |             |
| ( 393467.5, | 3818560.9, | 1000.4, | 1439.5, | 0.0); | ( 393449.0, |
| 3818545.0,  | 999.3,     | 1439.5, | 0.0);   |       |             |
| ( 393430.6, | 3818529.1, | 999.4,  | 1439.5, | 0.0); | ( 393412.1, |
| 3818513.2,  | 998.5,     | 1439.5, | 0.0);   |       |             |
| ( 393393.7, | 3818497.3, | 997.3,  | 1439.5, | 0.0); | ( 393375.2, |
| 3818481.5,  | 996.5,     | 1439.5, | 0.0);   |       |             |
| ( 393356.8, | 3818465.6, | 995.0,  | 1439.5, | 0.0); | ( 393338.3, |
| 3818449.7,  | 993.7,     | 1439.5, | 0.0);   |       |             |
| ( 393319.8, | 3818433.8, | 992.9,  | 1439.5, | 0.0); | ( 393301.4, |
| 3818417.9,  | 991.8,     | 1439.5, | 0.0);   |       |             |
| ( 393282.9, | 3818402.0, | 990.7,  | 1439.5, | 0.0); | ( 393264.5, |
| 3818386.2,  | 989.5,     | 1439.5, | 0.0);   |       |             |
| ( 393246.0, | 3818370.3, | 987.0,  | 1439.5, | 0.0); | ( 393227.5, |
| 3818354.4,  | 984.7,     | 1439.5, | 0.0);   |       |             |
| ( 393209.1, | 3818338.5, | 983.3,  | 1439.5, | 0.0); | ( 393190.6, |
| 3818322.6,  | 982.3,     | 1439.5, | 0.0);   |       |             |
| ( 394556.5, | 3819498.0, | 1122.2, | 1439.5, | 0.0); | ( 394579.3, |
| 3819507.2,  | 1115.6,    | 1439.5, | 0.0);   |       |             |
| ( 394602.2, | 3819516.5, | 1111.1, | 1439.5, | 0.0); | ( 394350.5, |
| 3819945.6,  | 1125.3,    | 1439.5, | 0.0);   |       |             |
| ( 394332.0, | 3819929.6, | 1128.4, | 1439.5, | 0.0); | ( 394313.5, |
| 3819913.7,  | 1134.5,    | 1439.5, | 0.0);   |       |             |
| ( 394295.0, | 3819897.8, | 1141.9, | 1439.5, | 0.0); | ( 394276.5, |
| 3819881.9,  | 1150.9,    | 1439.5, | 0.0);   |       |             |
| ( 394258.0, | 3819866.0, | 1160.0, | 1439.5, | 0.0); | ( 394239.5, |
| 3819850.1,  | 1170.4,    | 1439.5, | 0.0);   |       |             |
| ( 394221.0, | 3819834.2, | 1180.0, | 1439.5, | 0.0); | ( 394202.5, |
| 3819818.3,  | 1188.5,    | 1439.5, | 0.0);   |       |             |
| ( 394184.1, | 3819802.4, | 1185.7, | 1439.5, | 0.0); | ( 394165.6, |
| 3819786.4,  | 1179.9,    | 1439.5, | 0.0);   |       |             |
| ( 394147.1, | 3819770.5, | 1172.5, | 1439.5, | 0.0); | ( 394128.6, |

```

3819754.6, 1165.7, 1439.5, 0.0);
(394110.1, 3819738.7, 1157.7, 1439.5, 0.0); (394091.6,
3819722.8, 1149.2, 1439.5, 0.0);
(394073.1, 3819706.9, 1141.7, 1439.5, 0.0); (394054.6,
3819691.0, 1134.5, 1439.5, 0.0);
(394036.1, 3819675.1, 1127.1, 1439.5, 0.0); (394017.6,
3819659.2, 1119.8, 1439.5, 0.0);
(393999.2, 3819643.2, 1112.6, 1439.5, 0.0); (393980.7,
3819627.3, 1105.9, 1439.5, 0.0);
(393962.2, 3819611.4, 1102.4, 1439.5, 0.0); (393943.7,
3819595.5, 1104.7, 1439.5, 0.0);
(393925.2, 3819579.6, 1109.3, 1439.5, 0.0); (393906.7,
3819563.7, 1113.6, 1439.5, 0.0);
(393888.2, 3819547.8, 1116.9, 1439.5, 0.0); (393869.7,
3819531.9, 1116.5, 1439.5, 0.0);
(393740.3, 3819420.5, 1089.2, 1439.5, 0.0); (393721.8,
3819404.6, 1086.6, 1439.5, 0.0);
(393703.3, 3819388.7, 1085.3, 1439.5, 0.0); (393684.8,
3819372.8, 1083.5, 1439.5, 0.0);
(393666.3, 3819356.8, 1081.3, 1439.5, 0.0); (393647.8,
3819340.9, 1079.3, 1439.5, 0.0);
(393629.3, 3819325.0, 1078.4, 1439.5, 0.0); (393610.9,
3819309.1, 1079.2, 1439.5, 0.0);
(393592.4, 3819293.2, 1083.4, 1439.5, 0.0); (393573.9,
3819277.3, 1086.8, 1439.5, 0.0);
(393555.4, 3819261.4, 1087.5, 1439.5, 0.0); (393536.9,
3819245.5, 1086.7, 1439.5, 0.0);
(393518.4, 3819229.5, 1081.7, 1439.5, 0.0); (393499.9,
3819213.6, 1074.7, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 73

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393481.4, 3819197.7, 1069.0, 1439.5, 0.0); (393462.9,
3819181.8, 1065.3, 1439.5, 0.0);
(393444.5, 3819165.9, 1063.4, 1439.5, 0.0); (393426.0,
3819150.0, 1064.5, 1439.5, 0.0);
(393407.5, 3819134.1, 1068.0, 1439.5, 0.0); (393389.0,
3819118.2, 1068.4, 1439.5, 0.0);
(393370.5, 3819102.3, 1069.1, 1439.5, 0.0); (393352.0,
3819086.3, 1070.4, 1439.5, 0.0);
(393333.5, 3819070.4, 1070.5, 1439.5, 0.0); (393315.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819054.5,  | 1070.9,    | 1439.5, | 0.0);   |       |             |
| ( 393296.5, | 3819038.6, | 1073.1, | 1439.5, | 0.0); | ( 393278.0, |
| 3819022.7,  | 1074.0,    | 1439.5, | 0.0);   |       |             |
| ( 393259.5, | 3819006.8, | 1073.3, | 1439.5, | 0.0); | ( 393241.0, |
| 3818990.9,  | 1070.8,    | 1439.5, | 0.0);   |       |             |
| ( 393222.6, | 3818975.0, | 1064.2, | 1439.5, | 0.0); | ( 393204.1, |
| 3818959.1,  | 1059.1,    | 1439.5, | 0.0);   |       |             |
| ( 393185.6, | 3818943.1, | 1054.5, | 1439.5, | 0.0); | ( 393167.1, |
| 3818927.2,  | 1051.3,    | 1439.5, | 0.0);   |       |             |
| ( 393148.6, | 3818911.3, | 1051.4, | 1439.5, | 0.0); | ( 393130.1, |
| 3818895.4,  | 1051.0,    | 1439.5, | 0.0);   |       |             |
| ( 393111.6, | 3818879.5, | 1047.1, | 1439.5, | 0.0); | ( 393093.1, |
| 3818863.6,  | 1041.4,    | 1439.5, | 0.0);   |       |             |
| ( 393074.6, | 3818847.7, | 1034.7, | 1439.5, | 0.0); | ( 393056.1, |
| 3818831.8,  | 1030.9,    | 1439.5, | 0.0);   |       |             |
| ( 393037.7, | 3818815.8, | 1028.0, | 1439.5, | 0.0); | ( 393019.2, |
| 3818799.9,  | 1024.1,    | 1439.5, | 0.0);   |       |             |
| ( 393000.7, | 3818784.0, | 1022.4, | 1439.5, | 0.0); | ( 392982.2, |
| 3818768.1,  | 1019.5,    | 1439.5, | 0.0);   |       |             |
| ( 392963.7, | 3818752.2, | 1016.6, | 1439.5, | 0.0); | ( 392945.2, |
| 3818736.3,  | 1013.7,    | 1439.5, | 0.0);   |       |             |
| ( 392926.7, | 3818720.4, | 1011.7, | 1439.5, | 0.0); | ( 392908.2, |
| 3818704.5,  | 1010.2,    | 1439.5, | 0.0);   |       |             |
| ( 392889.7, | 3818688.6, | 1008.3, | 1439.5, | 0.0); | ( 392871.2, |
| 3818672.6,  | 1007.6,    | 1439.5, | 0.0);   |       |             |
| ( 392852.8, | 3818656.7, | 1007.1, | 1439.5, | 0.0); | ( 392834.3, |
| 3818640.8,  | 1005.2,    | 1439.5, | 0.0);   |       |             |
| ( 392815.8, | 3818624.9, | 1001.4, | 1439.5, | 0.0); | ( 392797.3, |
| 3818609.0,  | 999.7,     | 1439.5, | 0.0);   |       |             |
| ( 392778.8, | 3818593.1, | 999.3,  | 1439.5, | 0.0); | ( 392760.3, |
| 3818577.2,  | 999.8,     | 1439.5, | 0.0);   |       |             |
| ( 394369.0, | 3819961.5, | 1124.7, | 1439.5, | 0.0); | ( 394391.8, |
| 3819970.7,  | 1124.1,    | 1439.5, | 0.0);   |       |             |
| ( 394414.7, | 3819980.0, | 1124.3, | 1439.5, | 0.0); | ( 394162.9, |
| 3820409.0,  | 1165.1,    | 1439.5, | 0.0);   |       |             |
| ( 394144.4, | 3820393.1, | 1164.6, | 1439.5, | 0.0); | ( 394125.9, |
| 3820377.2,  | 1164.2,    | 1439.5, | 0.0);   |       |             |
| ( 394107.4, | 3820361.2, | 1163.8, | 1439.5, | 0.0); | ( 394088.9, |
| 3820345.3,  | 1162.8,    | 1439.5, | 0.0);   |       |             |
| ( 394070.4, | 3820329.4, | 1161.6, | 1439.5, | 0.0); | ( 394051.8, |
| 3820313.4,  | 1160.8,    | 1439.5, | 0.0);   |       |             |
| ( 394033.3, | 3820297.5, | 1161.4, | 1439.5, | 0.0); | ( 394014.8, |
| 3820281.6,  | 1162.0,    | 1439.5, | 0.0);   |       |             |
| ( 393996.3, | 3820265.6, | 1163.0, | 1439.5, | 0.0); | ( 393977.8, |
| 3820249.7,  | 1164.7,    | 1439.5, | 0.0);   |       |             |
| ( 393959.3, | 3820233.8, | 1166.3, | 1439.5, | 0.0); | ( 393940.8, |
| 3820217.9,  | 1168.2,    | 1439.5, | 0.0);   |       |             |
| ( 393922.2, | 3820201.9, | 1170.7, | 1439.5, | 0.0); | ( 393903.7, |
| 3820186.0,  | 1173.7,    | 1439.5, | 0.0);   |       |             |
| ( 393885.2, | 3820170.1, | 1175.8, | 1439.5, | 0.0); | ( 393866.7, |

```

3820154.1, 1176.8, 1439.5, 0.0);
(393848.2, 3820138.2, 1176.5, 1439.5, 0.0); (393829.7,
3820122.3, 1176.9, 1439.5, 0.0);
(393811.1, 3820106.3, 1178.6, 1439.5, 0.0); (393792.6,
3820090.4, 1182.6, 1439.5, 0.0);
(393774.1, 3820074.5, 1189.4, 1439.5, 0.0); (393755.6,
3820058.5, 1196.2, 1439.5, 0.0);
(393737.1, 3820042.6, 1203.3, 1439.5, 0.0); (393718.6,
3820026.7, 1211.5, 1439.5, 0.0);
(393700.1, 3820010.7, 1220.9, 1439.5, 0.0); (393681.5,
3819994.8, 1231.6, 1439.5, 0.0);
(393663.0, 3819978.9, 1244.1, 1439.5, 0.0); (393644.5,
3819962.9, 1257.0, 1439.5, 0.0);
(393626.0, 3819947.0, 1270.7, 1439.5, 0.0); (393607.5,
3819931.1, 1273.6, 1439.5, 0.0);
(393589.0, 3819915.1, 1264.6, 1439.5, 0.0); (393477.9,
3819819.5, 1192.5, 1439.5, 0.0);
(393459.4, 3819803.6, 1185.5, 1439.5, 0.0); (393440.8,
3819787.7, 1177.1, 1439.5, 0.0);
(393422.3, 3819771.8, 1166.6, 1439.5, 0.0); (393403.8,
3819755.8, 1156.7, 1439.5, 0.0);
(393385.3, 3819739.9, 1147.7, 1439.5, 0.0); (393366.8,
3819723.9, 1140.2, 1439.5, 0.0);
(393348.3, 3819708.0, 1133.6, 1439.5, 0.0); (393329.8,
3819692.1, 1127.4, 1439.5, 0.0);
(393311.2, 3819676.1, 1122.3, 1439.5, 0.0); (393292.7,
3819660.2, 1118.1, 1439.5, 0.0);
(393274.2, 3819644.3, 1113.8, 1439.5, 0.0); (393255.7,
3819628.3, 1108.0, 1439.5, 0.0);
(393237.2, 3819612.4, 1105.1, 1439.5, 0.0); (393218.7,
3819596.5, 1101.5, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 74

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393200.2, 3819580.6, 1097.5, 1439.5, 0.0); (393181.6,
3819564.6, 1095.7, 1439.5, 0.0);
(393163.1, 3819548.7, 1094.4, 1439.5, 0.0); (393144.6,
3819532.8, 1093.1, 1439.5, 0.0);
(393126.1, 3819516.8, 1092.8, 1439.5, 0.0); (393107.6,
3819500.9, 1091.4, 1439.5, 0.0);
(393089.1, 3819485.0, 1089.6, 1439.5, 0.0); (393070.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819469.0,  | 1087.6,    | 1439.5, | 0.0);   |       |             |
| ( 393052.0, | 3819453.1, | 1085.8, | 1439.5, | 0.0); | ( 393033.5, |
| 3819437.2,  | 1083.6,    | 1439.5, | 0.0);   |       |             |
| ( 393015.0, | 3819421.2, | 1081.3, | 1439.5, | 0.0); | ( 392996.5, |
| 3819405.3,  | 1079.0,    | 1439.5, | 0.0);   |       |             |
| ( 392978.0, | 3819389.4, | 1076.6, | 1439.5, | 0.0); | ( 392959.5, |
| 3819373.4,  | 1073.9,    | 1439.5, | 0.0);   |       |             |
| ( 392941.0, | 3819357.5, | 1071.3, | 1439.5, | 0.0); | ( 392922.4, |
| 3819341.6,  | 1068.8,    | 1439.5, | 0.0);   |       |             |
| ( 392903.9, | 3819325.6, | 1066.4, | 1439.5, | 0.0); | ( 392885.4, |
| 3819309.7,  | 1064.1,    | 1439.5, | 0.0);   |       |             |
| ( 392866.9, | 3819293.8, | 1061.7, | 1439.5, | 0.0); | ( 392848.4, |
| 3819277.8,  | 1059.7,    | 1439.5, | 0.0);   |       |             |
| ( 392829.9, | 3819261.9, | 1057.4, | 1439.5, | 0.0); | ( 392811.3, |
| 3819246.0,  | 1055.2,    | 1439.5, | 0.0);   |       |             |
| ( 392792.8, | 3819230.0, | 1052.8, | 1439.5, | 0.0); | ( 392774.3, |
| 3819214.1,  | 1049.9,    | 1439.5, | 0.0);   |       |             |
| ( 392755.8, | 3819198.2, | 1046.8, | 1439.5, | 0.0); | ( 392737.3, |
| 3819182.2,  | 1044.1,    | 1439.5, | 0.0);   |       |             |
| ( 392718.8, | 3819166.3, | 1042.6, | 1439.5, | 0.0); | ( 392700.3, |
| 3819150.4,  | 1041.2,    | 1439.5, | 0.0);   |       |             |
| ( 392681.7, | 3819134.4, | 1039.4, | 1439.5, | 0.0); | ( 392663.2, |
| 3819118.5,  | 1037.5,    | 1439.5, | 0.0);   |       |             |
| ( 392644.7, | 3819102.6, | 1036.0, | 1439.5, | 0.0); | ( 392626.2, |
| 3819086.6,  | 1034.6,    | 1439.5, | 0.0);   |       |             |
| ( 392607.7, | 3819070.7, | 1032.6, | 1439.5, | 0.0); | ( 392589.2, |
| 3819054.8,  | 1031.1,    | 1439.5, | 0.0);   |       |             |
| ( 392570.6, | 3819038.8, | 1029.3, | 1439.5, | 0.0); | ( 392552.1, |
| 3819022.9,  | 1027.4,    | 1439.5, | 0.0);   |       |             |
| ( 392533.6, | 3819007.0, | 1025.5, | 1439.5, | 0.0); | ( 392515.1, |
| 3818991.0,  | 1024.3,    | 1439.5, | 0.0);   |       |             |
| ( 392496.6, | 3818975.1, | 1022.8, | 1439.5, | 0.0); | ( 392478.1, |
| 3818959.2,  | 1021.6,    | 1439.5, | 0.0);   |       |             |
| ( 392459.6, | 3818943.2, | 1020.3, | 1439.5, | 0.0); | ( 392330.0, |
| 3818831.7,  | 1010.6,    | 1439.5, | 0.0);   |       |             |
| ( 394181.5, | 3820425.0, | 1165.6, | 1439.5, | 0.0); | ( 394204.3, |
| 3820434.2,  | 1165.5,    | 1439.5, | 0.0);   |       |             |
| ( 394227.2, | 3820443.5, | 1165.0, | 1439.5, | 0.0); | ( 393662.8, |
| 3821644.9,  | 1347.9,    | 1439.5, | 0.0);   |       |             |
| ( 393644.1, | 3821628.9, | 1358.0, | 1439.5, | 0.0); | ( 393625.5, |
| 3821612.9,  | 1367.7,    | 1403.9, | 0.0);   |       |             |
| ( 393606.8, | 3821596.8, | 1376.1, | 1400.8, | 0.0); | ( 393588.2, |
| 3821580.8,  | 1382.5,    | 1400.8, | 0.0);   |       |             |
| ( 393569.5, | 3821564.7, | 1386.6, | 1400.2, | 0.0); | ( 393550.9, |
| 3821548.7,  | 1389.3,    | 1400.2, | 0.0);   |       |             |
| ( 393532.2, | 3821532.6, | 1388.4, | 1400.8, | 0.0); | ( 393513.6, |
| 3821516.6,  | 1385.0,    | 1403.9, | 0.0);   |       |             |
| ( 393494.9, | 3821500.5, | 1381.6, | 1439.5, | 0.0); | ( 393476.3, |
| 3821484.5,  | 1380.0,    | 1439.5, | 0.0);   |       |             |
| ( 393457.6, | 3821468.4, | 1380.2, | 1439.5, | 0.0); | ( 393439.0, |



```

3821452.4, 1381.1, 1439.5, 0.0);
(393420.3, 3821436.3, 1382.2, 1439.5, 0.0); (393401.7,
3821420.3, 1383.6, 1439.5, 0.0);
(393383.0, 3821404.2, 1385.8, 1439.5, 0.0); (393364.4,
3821388.2, 1388.3, 1439.5, 0.0);
(393345.7, 3821372.1, 1390.9, 1439.5, 0.0); (393327.1,
3821356.1, 1391.6, 1439.5, 0.0);
(393308.4, 3821340.0, 1390.1, 1439.5, 0.0); (393289.8,
3821324.0, 1388.7, 1439.5, 0.0);
(393271.1, 3821307.9, 1388.1, 1439.5, 0.0); (393252.5,
3821291.9, 1388.8, 1439.5, 0.0);
(393233.8, 3821275.8, 1390.9, 1439.5, 0.0); (393215.2,
3821259.8, 1395.0, 1439.5, 0.0);
(393196.5, 3821243.8, 1402.4, 1439.5, 0.0); (393177.9,
3821227.7, 1405.5, 1439.5, 0.0);
(393159.2, 3821211.7, 1406.4, 1439.5, 0.0); (393140.6,
3821195.6, 1408.4, 1439.5, 0.0);
(393122.0, 3821179.6, 1412.5, 1439.5, 0.0); (393103.3,
3821163.5, 1416.0, 1439.5, 0.0);
(393084.6, 3821147.5, 1416.2, 1439.5, 0.0); (393066.0,
3821131.4, 1412.2, 1439.5, 0.0);
(393047.3, 3821115.4, 1405.6, 1439.5, 0.0); (393028.7,
3821099.3, 1398.0, 1439.5, 0.0);
(393010.0, 3821083.3, 1389.6, 1439.5, 0.0); (392991.4,
3821067.2, 1381.0, 1439.5, 0.0);
(392972.8, 3821051.2, 1372.8, 1439.5, 0.0); (392954.1,
3821035.1, 1364.9, 1439.5, 0.0);
(392935.5, 3821019.1, 1357.0, 1439.5, 0.0); (392916.8,
3821003.0, 1349.1, 1439.5, 0.0);
(392898.2, 3820987.0, 1340.6, 1439.5, 0.0); (392879.5,
3820970.9, 1332.3, 1439.5, 0.0);
(392860.9, 3820954.9, 1325.0, 1439.5, 0.0); (392730.3,
3820842.5, 1311.8, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 75

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(392711.7, 3820826.5, 1312.6, 1439.5, 0.0); (392693.0,
3820810.5, 1308.8, 1439.5, 0.0);
(392674.4, 3820794.4, 1302.1, 1439.5, 0.0); (392655.7,
3820778.4, 1293.0, 1439.5, 0.0);
(392637.1, 3820762.3, 1283.6, 1439.5, 0.0); (392618.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820746.3,  | 1273.7,    | 1439.5, | 0.0);   |       |             |
| ( 392599.8, | 3820730.2, | 1263.3, | 1439.5, | 0.0); | ( 392581.1, |
| 3820714.2,  | 1249.0,    | 1439.5, | 0.0);   |       |             |
| ( 392562.5, | 3820698.1, | 1244.7, | 1439.5, | 0.0); | ( 392543.8, |
| 3820682.1,  | 1245.0,    | 1439.5, | 0.0);   |       |             |
| ( 392525.2, | 3820666.0, | 1249.6, | 1439.5, | 0.0); | ( 392506.5, |
| 3820650.0,  | 1256.8,    | 1439.5, | 0.0);   |       |             |
| ( 392487.9, | 3820633.9, | 1265.8, | 1439.5, | 0.0); | ( 392469.2, |
| 3820617.9,  | 1276.2,    | 1439.5, | 0.0);   |       |             |
| ( 392450.6, | 3820601.8, | 1285.9, | 1439.5, | 0.0); | ( 392431.9, |
| 3820585.8,  | 1292.8,    | 1439.5, | 0.0);   |       |             |
| ( 392413.3, | 3820569.7, | 1296.9, | 1439.5, | 0.0); | ( 392394.6, |
| 3820553.7,  | 1297.6,    | 1439.5, | 0.0);   |       |             |
| ( 392376.0, | 3820537.6, | 1295.7, | 1439.5, | 0.0); | ( 392357.3, |
| 3820521.6,  | 1291.4,    | 1439.5, | 0.0);   |       |             |
| ( 392338.7, | 3820505.5, | 1284.1, | 1439.5, | 0.0); | ( 392320.0, |
| 3820489.5,  | 1273.9,    | 1439.5, | 0.0);   |       |             |
| ( 392301.4, | 3820473.4, | 1260.6, | 1439.5, | 0.0); | ( 392282.7, |
| 3820457.4,  | 1246.7,    | 1439.5, | 0.0);   |       |             |
| ( 392264.1, | 3820441.3, | 1233.7, | 1439.5, | 0.0); | ( 392245.4, |
| 3820425.3,  | 1221.3,    | 1439.5, | 0.0);   |       |             |
| ( 392226.8, | 3820409.3, | 1212.6, | 1439.5, | 0.0); | ( 392208.1, |
| 3820393.2,  | 1208.1,    | 1439.5, | 0.0);   |       |             |
| ( 392189.5, | 3820377.2, | 1207.1, | 1439.5, | 0.0); | ( 392170.8, |
| 3820361.1,  | 1203.5,    | 1439.5, | 0.0);   |       |             |
| ( 392152.2, | 3820345.1, | 1195.8, | 1439.5, | 0.0); | ( 392133.5, |
| 3820329.0,  | 1186.0,    | 1439.5, | 0.0);   |       |             |
| ( 392114.9, | 3820313.0, | 1175.2, | 1439.5, | 0.0); | ( 392096.2, |
| 3820296.9,  | 1163.1,    | 1439.5, | 0.0);   |       |             |
| ( 392077.6, | 3820280.9, | 1152.0, | 1439.5, | 0.0); | ( 392059.0, |
| 3820264.8,  | 1142.6,    | 1439.5, | 0.0);   |       |             |
| ( 392040.3, | 3820248.8, | 1134.1, | 1439.5, | 0.0); | ( 392021.6, |
| 3820232.7,  | 1130.7,    | 1439.5, | 0.0);   |       |             |
| ( 392003.0, | 3820216.7, | 1127.0, | 1439.5, | 0.0); | ( 391984.3, |
| 3820200.6,  | 1123.8,    | 1439.5, | 0.0);   |       |             |
| ( 391965.7, | 3820184.6, | 1123.4, | 1439.5, | 0.0); | ( 391947.0, |
| 3820168.5,  | 1120.1,    | 1439.5, | 0.0);   |       |             |
| ( 391928.4, | 3820152.5, | 1115.0, | 1439.5, | 0.0); | ( 391909.8, |
| 3820136.4,  | 1111.8,    | 1525.3, | 0.0);   |       |             |
| ( 391891.1, | 3820120.4, | 1109.9, | 1525.3, | 0.0); | ( 391872.5, |
| 3820104.3,  | 1108.3,    | 1525.3, | 0.0);   |       |             |
| ( 391853.8, | 3820088.3, | 1105.9, | 1529.1, | 0.0); | ( 391835.2, |
| 3820072.2,  | 1102.6,    | 1529.1, | 0.0);   |       |             |
| ( 391816.5, | 3820056.2, | 1099.1, | 1529.1, | 0.0); | ( 391797.9, |
| 3820040.1,  | 1095.5,    | 1586.8, | 0.0);   |       |             |
| ( 391779.2, | 3820024.1, | 1092.0, | 1586.8, | 0.0); | ( 391760.6, |
| 3820008.1,  | 1088.7,    | 1586.8, | 0.0);   |       |             |
| ( 391741.9, | 3819992.0, | 1085.7, | 1586.8, | 0.0); | ( 391723.3, |
| 3819976.0,  | 1082.8,    | 1586.8, | 0.0);   |       |             |
| ( 391704.6, | 3819959.9, | 1079.4, | 1586.8, | 0.0); | ( 391686.0, |

```

3819943.9, 1076.2, 1586.8, 0.0);
(391667.3, 3819927.8, 1073.1, 1586.8, 0.0); (391648.7,
3819911.8, 1070.2, 1586.8, 0.0);
(391630.0, 3819895.7, 1067.2, 1586.8, 0.0); (391611.4,
3819879.7, 1064.2, 1586.8, 0.0);
(391592.7, 3819863.6, 1061.2, 1586.8, 0.0); (391574.1,
3819847.6, 1058.0, 1586.8, 0.0);
(391555.4, 3819831.5, 1055.0, 1586.8, 0.0); (391536.8,
3819815.5, 1052.0, 1586.8, 0.0);
(391518.1, 3819799.4, 1049.2, 1586.8, 0.0); (391499.5,
3819783.4, 1046.5, 1587.8, 0.0);
(391480.8, 3819767.3, 1043.8, 1587.8, 0.0); (391462.2,
3819751.3, 1040.8, 1587.8, 0.0);
(391443.5, 3819735.2, 1037.4, 1587.8, 0.0); (391424.9,
3819719.2, 1034.4, 1587.8, 0.0);
(391406.2, 3819703.1, 1032.1, 1587.8, 0.0); (391387.6,
3819687.1, 1029.9, 1588.1, 0.0);
(391368.9, 3819671.0, 1027.7, 1588.1, 0.0); (391350.3,
3819655.0, 1025.8, 1588.1, 0.0);
(391331.6, 3819638.9, 1023.8, 1589.5, 0.0); (391313.0,
3819622.9, 1021.7, 1590.0, 0.0);
(391294.3, 3819606.9, 1019.2, 1590.0, 0.0); (391275.7,
3819590.8, 1017.0, 1590.0, 0.0);
(391257.0, 3819574.8, 1014.6, 1590.0, 0.0); (391238.4,
3819558.7, 1012.0, 1590.1, 0.0);
(391219.7, 3819542.7, 1009.8, 1590.1, 0.0); (391201.1,
3819526.6, 1007.8, 1590.1, 0.0);
(391182.4, 3819510.6, 1005.7, 1590.1, 0.0); (393681.4,
3821661.0, 1337.2, 1439.5, 0.0);
(393704.3, 3821670.2, 1329.9, 1439.5, 0.0); (393727.1,
3821679.5, 1323.6, 1439.5, 0.0);
(393162.8, 3822881.0, 1077.1, 1586.8, 0.0); (393144.1,
3822865.0, 1083.7, 1586.8, 0.0);
(393125.5, 3822849.0, 1087.0, 1586.8, 0.0); (393106.9,
3822832.9, 1082.4, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 76

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393088.3, 3822816.9, 1080.8, 1586.8, 0.0); (393069.7,
3822800.9, 1081.2, 1586.8, 0.0);
(393051.1, 3822784.9, 1083.1, 1586.8, 0.0); (393032.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822768.8,  | 1088.1,    | 1586.8, | 0.0);   |       |             |
| ( 393013.8, | 3822752.8, | 1093.7, | 1586.8, | 0.0); | ( 392995.2, |
| 3822736.8,  | 1097.2,    | 1586.8, | 0.0);   |       |             |
| ( 392976.6, | 3822720.8, | 1100.3, | 1586.8, | 0.0); | ( 392958.0, |
| 3822704.8,  | 1105.4,    | 1586.8, | 0.0);   |       |             |
| ( 392939.3, | 3822688.7, | 1110.3, | 1586.8, | 0.0); | ( 392920.7, |
| 3822672.7,  | 1112.6,    | 1586.8, | 0.0);   |       |             |
| ( 392902.1, | 3822656.7, | 1114.0, | 1586.8, | 0.0); | ( 392883.5, |
| 3822640.7,  | 1117.7,    | 1586.8, | 0.0);   |       |             |
| ( 392864.9, | 3822624.6, | 1117.9, | 1586.8, | 0.0); | ( 392846.2, |
| 3822608.6,  | 1115.6,    | 1586.8, | 0.0);   |       |             |
| ( 392827.6, | 3822592.6, | 1117.8, | 1586.8, | 0.0); | ( 392809.0, |
| 3822576.6,  | 1123.5,    | 1586.8, | 0.0);   |       |             |
| ( 392790.4, | 3822560.6, | 1131.2, | 1585.1, | 0.0); | ( 392771.8, |
| 3822544.5,  | 1138.3,    | 1529.1, | 0.0);   |       |             |
| ( 392753.1, | 3822528.5, | 1143.4, | 1529.1, | 0.0); | ( 392734.5, |
| 3822512.5,  | 1143.3,    | 1529.1, | 0.0);   |       |             |
| ( 392715.9, | 3822496.5, | 1137.8, | 1584.3, | 0.0); | ( 392697.3, |
| 3822480.4,  | 1129.5,    | 1586.8, | 0.0);   |       |             |
| ( 392678.7, | 3822464.4, | 1124.7, | 1586.8, | 0.0); | ( 392660.1, |
| 3822448.4,  | 1126.1,    | 1586.8, | 0.0);   |       |             |
| ( 392641.4, | 3822432.4, | 1131.5, | 1586.8, | 0.0); | ( 392622.8, |
| 3822416.4,  | 1138.9,    | 1586.8, | 0.0);   |       |             |
| ( 392604.2, | 3822400.3, | 1147.4, | 1583.4, | 0.0); | ( 392585.6, |
| 3822384.3,  | 1155.1,    | 1529.1, | 0.0);   |       |             |
| ( 392567.0, | 3822368.3, | 1161.2, | 1529.1, | 0.0); | ( 392548.3, |
| 3822352.3,  | 1163.9,    | 1529.1, | 0.0);   |       |             |
| ( 392529.7, | 3822336.2, | 1164.5, | 1529.1, | 0.0); | ( 392511.1, |
| 3822320.2,  | 1160.8,    | 1529.1, | 0.0);   |       |             |
| ( 392492.5, | 3822304.2, | 1155.0, | 1584.3, | 0.0); | ( 392473.9, |
| 3822288.2,  | 1153.6,    | 1586.8, | 0.0);   |       |             |
| ( 392455.2, | 3822272.2, | 1154.0, | 1586.8, | 0.0); | ( 392436.6, |
| 3822256.1,  | 1159.6,    | 1583.4, | 0.0);   |       |             |
| ( 392418.0, | 3822240.1, | 1162.5, | 1581.5, | 0.0); | ( 392399.4, |
| 3822224.1,  | 1167.9,    | 1529.1, | 0.0);   |       |             |
| ( 392380.8, | 3822208.1, | 1172.7, | 1529.1, | 0.0); | ( 392362.1, |
| 3822192.0,  | 1179.5,    | 1529.1, | 0.0);   |       |             |
| ( 392343.5, | 3822176.0, | 1184.9, | 1525.3, | 0.0); | ( 392324.9, |
| 3822160.0,  | 1188.3,    | 1525.3, | 0.0);   |       |             |
| ( 392306.3, | 3822144.0, | 1191.5, | 1524.6, | 0.0); | ( 392287.7, |
| 3822128.0,  | 1197.0,    | 1439.5, | 0.0);   |       |             |
| ( 392269.0, | 3822111.9, | 1203.8, | 1439.5, | 0.0); | ( 392250.4, |
| 3822095.9,  | 1210.8,    | 1439.5, | 0.0);   |       |             |
| ( 392231.8, | 3822079.9, | 1215.6, | 1439.5, | 0.0); | ( 392213.2, |
| 3822063.9,  | 1216.7,    | 1439.5, | 0.0);   |       |             |
| ( 392194.6, | 3822047.8, | 1224.1, | 1439.5, | 0.0); | ( 392176.0, |
| 3822031.8,  | 1233.0,    | 1439.5, | 0.0);   |       |             |
| ( 392157.3, | 3822015.8, | 1243.9, | 1439.5, | 0.0); | ( 392138.7, |
| 3821999.8,  | 1253.5,    | 1439.5, | 0.0);   |       |             |
| ( 392120.1, | 3821983.8, | 1263.1, | 1439.5, | 0.0); | ( 391989.8, |

```

3821871.6, 1306.1, 1422.1, 0.0);
(391971.1, 3821855.6, 1315.0, 1422.1, 0.0); (391952.5,
3821839.6, 1324.5, 1422.1, 0.0);
(391933.9, 3821823.5, 1333.4, 1422.1, 0.0); (391915.3,
3821807.5, 1342.4, 1422.1, 0.0);
(391896.7, 3821791.5, 1350.7, 1422.1, 0.0); (391878.0,
3821775.5, 1354.4, 1422.1, 0.0);
(391859.4, 3821759.4, 1351.4, 1422.1, 0.0); (391840.8,
3821743.4, 1343.6, 1422.1, 0.0);
(391822.2, 3821727.4, 1333.0, 1422.1, 0.0); (391803.6,
3821711.4, 1324.6, 1422.1, 0.0);
(391785.0, 3821695.4, 1317.6, 1422.1, 0.0); (391766.3,
3821679.3, 1313.8, 1422.1, 0.0);
(391747.7, 3821663.3, 1310.6, 1422.1, 0.0); (391729.1,
3821647.3, 1308.2, 1422.1, 0.0);
(391710.5, 3821631.3, 1305.3, 1422.1, 0.0); (391691.9,
3821615.2, 1299.1, 1422.1, 0.0);
(391673.2, 3821599.2, 1290.6, 1422.1, 0.0); (391654.6,
3821583.2, 1280.2, 1439.5, 0.0);
(391636.0, 3821567.2, 1270.3, 1439.5, 0.0); (391617.4,
3821551.2, 1264.6, 1439.5, 0.0);
(391598.8, 3821535.1, 1261.0, 1439.5, 0.0); (391580.1,
3821519.1, 1259.7, 1439.5, 0.0);
(391561.5, 3821503.1, 1256.9, 1439.5, 0.0); (391542.9,
3821487.1, 1253.9, 1439.5, 0.0);
(391524.3, 3821471.0, 1247.1, 1439.5, 0.0); (391505.7,
3821455.0, 1241.4, 1439.5, 0.0);
(391487.0, 3821439.0, 1237.1, 1439.5, 0.0); (391468.4,
3821423.0, 1233.8, 1523.5, 0.0);
(391449.8, 3821407.0, 1229.0, 1525.3, 0.0); (391431.2,
3821390.9, 1225.5, 1529.1, 0.0);
(391412.6, 3821374.9, 1223.8, 1529.1, 0.0); (391394.0,
3821358.9, 1225.7, 1529.1, 0.0);
(391375.3, 3821342.9, 1221.5, 1529.1, 0.0); (391356.7,
3821326.8, 1217.1, 1529.1, 0.0);
(391338.1, 3821310.8, 1206.1, 1586.8, 0.0); (391319.5,
3821294.8, 1194.3, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 77

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391300.9, 3821278.8, 1182.4, 1586.8, 0.0); (391282.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821262.8,  | 1170.7,    | 1586.8, | 0.0);   |       |             |
| ( 391263.6, | 3821246.7, | 1160.8, | 1586.8, | 0.0); | ( 391245.0, |
| 3821230.7,  | 1152.0,    | 1586.8, | 0.0);   |       |             |
| ( 391226.4, | 3821214.7, | 1143.9, | 1587.8, | 0.0); | ( 391207.8, |
| 3821198.7,  | 1136.3,    | 1587.8, | 0.0);   |       |             |
| ( 391189.1, | 3821182.6, | 1130.0, | 1587.8, | 0.0); | ( 391170.5, |
| 3821166.6,  | 1125.2,    | 1588.1, | 0.0);   |       |             |
| ( 391151.9, | 3821150.6, | 1120.8, | 1588.1, | 0.0); | ( 391133.3, |
| 3821134.6,  | 1117.2,    | 1590.0, | 0.0);   |       |             |
| ( 391114.7, | 3821118.6, | 1113.8, | 1590.0, | 0.0); | ( 391096.0, |
| 3821102.5,  | 1110.4,    | 1590.0, | 0.0);   |       |             |
| ( 391077.4, | 3821086.5, | 1107.1, | 1590.0, | 0.0); | ( 391058.8, |
| 3821070.5,  | 1104.5,    | 1590.1, | 0.0);   |       |             |
| ( 391040.2, | 3821054.5, | 1101.6, | 1590.1, | 0.0); | ( 391021.6, |
| 3821038.4,  | 1098.4,    | 1590.1, | 0.0);   |       |             |
| ( 391003.0, | 3821022.4, | 1096.5, | 1590.1, | 0.0); | ( 390984.3, |
| 3821006.4,  | 1094.1,    | 1590.1, | 0.0);   |       |             |
| ( 390965.7, | 3820990.4, | 1091.5, | 1590.1, | 0.0); | ( 390947.1, |
| 3820974.4,  | 1087.3,    | 1590.1, | 0.0);   |       |             |
| ( 390928.5, | 3820958.3, | 1083.2, | 1590.1, | 0.0); | ( 390909.9, |
| 3820942.3,  | 1079.3,    | 1590.1, | 0.0);   |       |             |
| ( 390891.2, | 3820926.3, | 1076.7, | 1590.1, | 0.0); | ( 390872.6, |
| 3820910.3,  | 1074.7,    | 1590.1, | 0.0);   |       |             |
| ( 390854.0, | 3820894.2, | 1073.0, | 1590.1, | 0.0); | ( 390835.4, |
| 3820878.2,  | 1071.1,    | 1590.1, | 0.0);   |       |             |
| ( 390816.8, | 3820862.2, | 1069.3, | 1590.1, | 0.0); | ( 390798.1, |
| 3820846.2,  | 1067.2,    | 1590.1, | 0.0);   |       |             |
| ( 390779.5, | 3820830.2, | 1065.3, | 1590.1, | 0.0); | ( 390760.9, |
| 3820814.1,  | 1063.5,    | 1590.1, | 0.0);   |       |             |
| ( 390742.3, | 3820798.1, | 1061.9, | 1590.1, | 0.0); | ( 390723.7, |
| 3820782.1,  | 1060.4,    | 1590.1, | 0.0);   |       |             |
| ( 390705.0, | 3820766.1, | 1059.0, | 1590.1, | 0.0); | ( 390686.4, |
| 3820750.0,  | 1057.7,    | 1590.1, | 0.0);   |       |             |
| ( 390667.8, | 3820734.0, | 1056.7, | 1590.1, | 0.0); | ( 390649.2, |
| 3820718.0,  | 1055.7,    | 1590.1, | 0.0);   |       |             |
| ( 390630.6, | 3820702.0, | 1054.7, | 1590.1, | 0.0); | ( 390612.0, |
| 3820686.0,  | 1053.9,    | 1590.1, | 0.0);   |       |             |
| ( 390593.3, | 3820669.9, | 1052.9, | 1590.1, | 0.0); | ( 390574.7, |
| 3820653.9,  | 1052.2,    | 1590.1, | 0.0);   |       |             |
| ( 390556.1, | 3820637.9, | 1051.5, | 1590.1, | 0.0); | ( 390537.5, |
| 3820621.9,  | 1051.2,    | 1590.1, | 0.0);   |       |             |
| ( 390518.8, | 3820605.8, | 1052.0, | 1590.1, | 0.0); | ( 390500.2, |
| 3820589.8,  | 1053.4,    | 1590.1, | 0.0);   |       |             |
| ( 390481.6, | 3820573.8, | 1055.4, | 1590.1, | 0.0); | ( 390463.0, |
| 3820557.8,  | 1057.5,    | 1590.1, | 0.0);   |       |             |
| ( 390444.4, | 3820541.8, | 1059.0, | 1590.1, | 0.0); | ( 390425.8, |
| 3820525.7,  | 1059.0,    | 1590.1, | 0.0);   |       |             |
| ( 390407.1, | 3820509.7, | 1056.7, | 1590.1, | 0.0); | ( 390388.5, |
| 3820493.7,  | 1053.5,    | 1590.1, | 0.0);   |       |             |
| ( 390369.9, | 3820477.7, | 1052.4, | 1590.1, | 0.0); | ( 390351.3, |

```

3820461.6, 1052.9, 1590.1, 0.0);
(390332.7, 3820445.6, 1054.4, 1590.1, 0.0); (390314.0,
3820429.6, 1057.0, 1590.1, 0.0);
(390295.4, 3820413.6, 1059.4, 1590.1, 0.0); (390276.8,
3820397.6, 1060.7, 1590.1, 0.0);
(390258.2, 3820381.5, 1061.0, 1590.1, 0.0); (390239.6,
3820365.5, 1062.8, 1590.1, 0.0);
(390221.0, 3820349.5, 1067.1, 1590.1, 0.0); (390202.3,
3820333.5, 1073.5, 1590.1, 0.0);
(390183.7, 3820317.4, 1076.0, 1590.1, 0.0); (390165.1,
3820301.4, 1075.3, 1590.1, 0.0);
(390146.5, 3820285.4, 1076.6, 1590.1, 0.0); (390127.8,
3820269.4, 1077.0, 1590.1, 0.0);
(390109.2, 3820253.4, 1076.5, 1590.1, 0.0); (390090.6,
3820237.3, 1079.2, 1590.1, 0.0);
(390072.0, 3820221.3, 1084.3, 1590.1, 0.0); (390053.4,
3820205.3, 1091.7, 1590.1, 0.0);
(390034.8, 3820189.3, 1096.2, 1590.1, 0.0); (393181.4,
3822897.0, 1067.5, 1586.8, 0.0);
(393204.3, 3822906.3, 1060.1, 1586.8, 0.0); (393227.1,
3822915.5, 1053.6, 1586.8, 0.0);
(392662.7, 3824117.0, 1006.6, 1588.1, 0.0); (392644.0,
3824100.9, 1007.2, 1588.1, 0.0);
(392625.3, 3824084.8, 1009.0, 1588.1, 0.0); (392606.6,
3824068.7, 1012.1, 1588.1, 0.0);
(392587.9, 3824052.6, 1017.1, 1588.1, 0.0); (392569.2,
3824036.5, 1023.5, 1588.1, 0.0);
(392550.5, 3824020.5, 1028.5, 1588.1, 0.0); (392531.8,
3824004.4, 1031.7, 1588.1, 0.0);
(392513.1, 3823988.3, 1033.7, 1588.1, 0.0); (392494.5,
3823972.2, 1031.2, 1588.1, 0.0);
(392475.8, 3823956.1, 1028.8, 1588.1, 0.0); (392457.1,
3823940.0, 1030.8, 1588.1, 0.0);
(392438.4, 3823923.9, 1037.2, 1588.1, 0.0); (392419.7,
3823907.9, 1039.8, 1588.1, 0.0);
(392401.0, 3823891.8, 1032.2, 1589.5, 0.0); (392382.3,
3823875.7, 1023.5, 1590.0, 0.0);
(392363.6, 3823859.6, 1022.6, 1590.0, 0.0); (392344.9,
3823843.5, 1024.9, 1590.0, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 78

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 392326.2, 3823827.4, 1031.0, 1590.0, | 0.0); | ( 392307.5, |
| 3823811.4, 1039.1, 1590.0, 0.0);       |       |             |
| ( 392288.9, 3823795.3, 1047.1, 1588.1, | 0.0); | ( 392270.2, |
| 3823779.2, 1055.1, 1588.1, 0.0);       |       |             |
| ( 392251.5, 3823763.1, 1062.0, 1588.1, | 0.0); | ( 392232.8, |
| 3823747.0, 1068.5, 1587.8, 0.0);       |       |             |
| ( 392214.1, 3823730.9, 1065.8, 1588.1, | 0.0); | ( 392195.4, |
| 3823714.9, 1060.9, 1588.1, 0.0);       |       |             |
| ( 392176.7, 3823698.8, 1057.1, 1589.5, | 0.0); | ( 392158.0, |
| 3823682.7, 1053.5, 1590.0, 0.0);       |       |             |
| ( 392139.3, 3823666.6, 1049.6, 1590.0, | 0.0); | ( 392120.6, |
| 3823650.5, 1047.0, 1590.0, 0.0);       |       |             |
| ( 392102.0, 3823634.4, 1047.7, 1590.0, | 0.0); | ( 392083.3, |
| 3823618.4, 1047.1, 1590.1, 0.0);       |       |             |
| ( 392064.6, 3823602.3, 1046.7, 1590.1, | 0.0); | ( 392045.9, |
| 3823586.2, 1048.2, 1590.1, 0.0);       |       |             |
| ( 392027.2, 3823570.1, 1046.1, 1590.1, | 0.0); | ( 392008.5, |
| 3823554.0, 1044.9, 1590.1, 0.0);       |       |             |
| ( 391989.8, 3823537.9, 1044.2, 1590.1, | 0.0); | ( 391971.1, |
| 3823521.9, 1044.8, 1590.1, 0.0);       |       |             |
| ( 391952.4, 3823505.8, 1047.0, 1590.1, | 0.0); | ( 391933.7, |
| 3823489.7, 1050.0, 1590.1, 0.0);       |       |             |
| ( 391915.0, 3823473.6, 1053.9, 1590.1, | 0.0); | ( 391896.4, |
| 3823457.5, 1059.6, 1590.1, 0.0);       |       |             |
| ( 391877.7, 3823441.4, 1065.7, 1590.1, | 0.0); | ( 391859.0, |
| 3823425.4, 1073.3, 1590.0, 0.0);       |       |             |
| ( 391840.3, 3823409.3, 1080.5, 1590.0, | 0.0); | ( 391821.6, |
| 3823393.2, 1090.7, 1590.0, 0.0);       |       |             |
| ( 391802.9, 3823377.1, 1102.0, 1588.1, | 0.0); | ( 391784.2, |
| 3823361.0, 1110.2, 1588.1, 0.0);       |       |             |
| ( 391765.5, 3823344.9, 1115.4, 1588.1, | 0.0); | ( 391746.8, |
| 3823328.9, 1122.8, 1587.8, 0.0);       |       |             |
| ( 391728.1, 3823312.8, 1134.4, 1587.8, | 0.0); | ( 391709.5, |
| 3823296.7, 1145.1, 1586.8, 0.0);       |       |             |
| ( 391690.8, 3823280.6, 1155.6, 1586.8, | 0.0); | ( 391672.1, |
| 3823264.5, 1165.9, 1586.8, 0.0);       |       |             |
| ( 391653.4, 3823248.4, 1174.1, 1586.8, | 0.0); | ( 391634.7, |
| 3823232.4, 1176.2, 1586.8, 0.0);       |       |             |
| ( 391616.0, 3823216.3, 1172.5, 1586.8, | 0.0); | ( 391597.3, |
| 3823200.2, 1168.6, 1586.8, 0.0);       |       |             |
| ( 391578.6, 3823184.1, 1165.8, 1586.8, | 0.0); | ( 391559.9, |
| 3823168.0, 1164.5, 1586.8, 0.0);       |       |             |
| ( 391541.2, 3823151.9, 1167.9, 1586.8, | 0.0); | ( 391522.5, |
| 3823135.9, 1173.5, 1586.8, 0.0);       |       |             |
| ( 391503.8, 3823119.8, 1178.5, 1586.8, | 0.0); | ( 391485.2, |
| 3823103.7, 1182.8, 1586.8, 0.0);       |       |             |
| ( 391466.5, 3823087.6, 1187.3, 1586.8, | 0.0); | ( 391447.8, |
| 3823071.5, 1184.4, 1586.8, 0.0);       |       |             |
| ( 391429.1, 3823055.4, 1176.5, 1586.8, | 0.0); | ( 391410.4, |



```

3823039.3, 1164.4, 1587.8, 0.0);
(391391.7, 3823023.3, 1151.9, 1588.1, 0.0); (391373.0,
3823007.2, 1139.0, 1590.0, 0.0);
(391242.2, 3822894.6, 1123.5, 1590.1, 0.0); (391223.5,
3822878.5, 1120.7, 1590.1, 0.0);
(391204.8, 3822862.4, 1129.9, 1590.1, 0.0); (391186.1,
3822846.3, 1141.9, 1590.0, 0.0);
(391167.4, 3822830.3, 1152.5, 1590.0, 0.0); (391148.7,
3822814.2, 1157.7, 1590.0, 0.0);
(391130.0, 3822798.1, 1157.7, 1590.0, 0.0); (391111.3,
3822782.0, 1157.3, 1590.0, 0.0);
(391092.7, 3822765.9, 1164.0, 1590.0, 0.0); (391074.0,
3822749.8, 1170.5, 1588.1, 0.0);
(391055.3, 3822733.8, 1179.7, 1588.1, 0.0); (391036.6,
3822717.7, 1189.9, 1587.8, 0.0);
(391017.9, 3822701.6, 1200.9, 1587.8, 0.0); (390999.2,
3822685.5, 1213.7, 1586.8, 0.0);
(390980.5, 3822669.4, 1225.9, 1586.8, 0.0); (390961.8,
3822653.3, 1238.2, 1586.8, 0.0);
(390943.1, 3822637.3, 1248.1, 1586.8, 0.0); (390924.5,
3822621.2, 1254.8, 1586.8, 0.0);
(390905.8, 3822605.1, 1260.7, 1586.8, 0.0); (390887.1,
3822589.0, 1268.3, 1586.8, 0.0);
(390868.4, 3822572.9, 1276.0, 1586.8, 0.0); (390849.7,
3822556.8, 1282.9, 1586.8, 0.0);
(390831.0, 3822540.8, 1291.4, 1586.8, 0.0); (390812.3,
3822524.7, 1298.7, 1586.8, 0.0);
(390793.6, 3822508.6, 1305.9, 1586.8, 0.0); (390774.9,
3822492.5, 1307.6, 1586.8, 0.0);
(390756.2, 3822476.4, 1305.6, 1586.8, 0.0); (390737.5,
3822460.3, 1298.3, 1586.8, 0.0);
(390718.8, 3822444.3, 1291.4, 1586.8, 0.0); (390700.2,
3822428.2, 1290.8, 1586.8, 0.0);
(390681.5, 3822412.1, 1291.9, 1586.8, 0.0); (390662.8,
3822396.0, 1289.0, 1586.8, 0.0);
(390644.1, 3822379.9, 1279.7, 1586.8, 0.0); (390625.4,
3822363.8, 1271.2, 1586.8, 0.0);
(390606.7, 3822347.8, 1269.3, 1586.8, 0.0); (390588.0,
3822331.7, 1271.7, 1586.8, 0.0);
(390569.3, 3822315.6, 1265.9, 1586.8, 0.0); (390550.6,
3822299.5, 1256.4, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 79

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 390531.9, 3822283.4, 1249.6, 1587.8, 0.0); | ( 390513.2, |
| 3822267.3, 1252.2, 1586.8, 0.0);             |             |
| ( 390494.6, 3822251.2, 1255.0, 1586.8, 0.0); | ( 390475.9, |
| 3822235.2, 1254.7, 1587.8, 0.0);             |             |
| ( 390457.2, 3822219.1, 1245.7, 1587.8, 0.0); | ( 390438.5, |
| 3822203.0, 1241.7, 1587.8, 0.0);             |             |
| ( 390419.8, 3822186.9, 1245.3, 1587.8, 0.0); | ( 390401.1, |
| 3822170.8, 1249.2, 1587.8, 0.0);             |             |
| ( 390382.4, 3822154.8, 1241.7, 1587.8, 0.0); | ( 390363.7, |
| 3822138.7, 1230.7, 1588.1, 0.0);             |             |
| ( 390345.0, 3822122.6, 1225.8, 1590.0, 0.0); | ( 390326.3, |
| 3822106.5, 1231.0, 1589.5, 0.0);             |             |
| ( 390307.7, 3822090.4, 1235.6, 1588.1, 0.0); | ( 390289.0, |
| 3822074.3, 1235.9, 1588.1, 0.0);             |             |
| ( 390270.3, 3822058.2, 1230.8, 1590.0, 0.0); | ( 390251.6, |
| 3822042.2, 1224.9, 1590.0, 0.0);             |             |
| ( 390232.9, 3822026.1, 1219.4, 1590.1, 0.0); | ( 390214.2, |
| 3822010.0, 1212.5, 1590.1, 0.0);             |             |
| ( 390195.5, 3821993.9, 1202.8, 1590.1, 0.0); | ( 390176.8, |
| 3821977.8, 1200.6, 1590.1, 0.0);             |             |
| ( 390158.1, 3821961.8, 1202.9, 1590.1, 0.0); | ( 390139.4, |
| 3821945.7, 1205.4, 1590.1, 0.0);             |             |
| ( 390120.8, 3821929.6, 1205.2, 1590.1, 0.0); | ( 390102.1, |
| 3821913.5, 1197.3, 1590.1, 0.0);             |             |
| ( 390083.4, 3821897.4, 1188.0, 1590.1, 0.0); | ( 390064.7, |
| 3821881.3, 1182.3, 1590.1, 0.0);             |             |
| ( 390046.0, 3821865.2, 1185.9, 1590.1, 0.0); | ( 390027.3, |
| 3821849.2, 1187.6, 1590.1, 0.0);             |             |
| ( 390008.6, 3821833.1, 1184.8, 1590.1, 0.0); | ( 389989.9, |
| 3821817.0, 1182.5, 1590.1, 0.0);             |             |
| ( 389971.2, 3821800.9, 1186.8, 1590.1, 0.0); | ( 389952.5, |
| 3821784.8, 1197.2, 1590.1, 0.0);             |             |
| ( 389933.8, 3821768.7, 1206.7, 1590.1, 0.0); | ( 389915.2, |
| 3821752.7, 1212.4, 1590.1, 0.0);             |             |
| ( 389896.5, 3821736.6, 1213.1, 1590.1, 0.0); | ( 389877.8, |
| 3821720.5, 1213.5, 1590.1, 0.0);             |             |
| ( 389859.1, 3821704.4, 1221.6, 1590.1, 0.0); | ( 389840.4, |
| 3821688.3, 1232.0, 1590.1, 0.0);             |             |
| ( 389821.7, 3821672.2, 1241.4, 1590.1, 0.0); | ( 389803.0, |
| 3821656.2, 1246.8, 1590.0, 0.0);             |             |
| ( 389784.3, 3821640.1, 1245.5, 1590.1, 0.0); | ( 389765.6, |
| 3821624.0, 1247.5, 1590.1, 0.0);             |             |
| ( 389746.9, 3821607.9, 1252.0, 1590.0, 0.0); | ( 389728.2, |
| 3821591.8, 1256.8, 1590.0, 0.0);             |             |
| ( 389709.6, 3821575.7, 1261.9, 1590.0, 0.0); | ( 389690.9, |
| 3821559.7, 1258.8, 1590.0, 0.0);             |             |
| ( 389672.2, 3821543.6, 1252.9, 1590.1, 0.0); | ( 389653.5, |

```

3821527.5, 1245.3, 1590.1, 0.0);
(389634.8, 3821511.4, 1237.6, 1590.1, 0.0); (389616.1,
3821495.3, 1229.4, 1590.1, 0.0);
(389597.4, 3821479.2, 1221.0, 1590.1, 0.0); (389578.7,
3821463.1, 1211.3, 1590.1, 0.0);
(389560.0, 3821447.1, 1201.8, 1590.1, 0.0); (389541.3,
3821431.0, 1194.8, 1590.1, 0.0);
(389522.6, 3821414.9, 1189.6, 1590.1, 0.0); (389504.0,
3821398.8, 1182.0, 1590.1, 0.0);
(389485.3, 3821382.7, 1173.2, 1590.1, 0.0); (389466.6,
3821366.6, 1162.8, 1590.1, 0.0);
(389447.9, 3821350.6, 1151.2, 1590.1, 0.0); (389429.2,
3821334.5, 1142.8, 1590.1, 0.0);
(389410.5, 3821318.4, 1135.0, 1590.1, 0.0); (389391.8,
3821302.3, 1130.1, 1590.1, 0.0);
(389373.1, 3821286.2, 1124.9, 1590.1, 0.0); (389354.4,
3821270.1, 1122.9, 1590.1, 0.0);
(389335.8, 3821254.1, 1118.7, 1590.1, 0.0); (389317.1,
3821238.0, 1115.9, 1590.1, 0.0);
(389298.4, 3821221.9, 1111.4, 1590.1, 0.0); (389279.7,
3821205.8, 1107.1, 1590.1, 0.0);
(389261.0, 3821189.7, 1103.9, 1590.1, 0.0); (389242.3,
3821173.6, 1102.7, 1590.1, 0.0);
(389223.6, 3821157.6, 1102.8, 1590.1, 0.0); (389204.9,
3821141.5, 1102.1, 1590.1, 0.0);
(389186.2, 3821125.4, 1098.0, 1590.1, 0.0); (389167.5,
3821109.3, 1092.8, 1590.1, 0.0);
(389148.8, 3821093.2, 1089.4, 1590.1, 0.0); (389130.1,
3821077.1, 1085.5, 1590.1, 0.0);
(389111.5, 3821061.1, 1081.6, 1590.1, 0.0); (389092.8,
3821045.0, 1079.3, 1590.1, 0.0);
(389074.1, 3821028.9, 1078.0, 1590.1, 0.0); (389055.4,
3821012.8, 1078.0, 1590.1, 0.0);
(389036.7, 3820996.7, 1078.5, 1590.1, 0.0); (389018.0,
3820980.6, 1079.6, 1590.1, 0.0);
(388999.3, 3820964.6, 1079.6, 1590.1, 0.0); (388980.6,
3820948.5, 1079.6, 1590.1, 0.0);
(388961.9, 3820932.4, 1078.0, 1590.1, 0.0); (388943.2,
3820916.3, 1076.4, 1590.1, 0.0);
(388924.5, 3820900.2, 1074.8, 1590.1, 0.0); (388905.9,
3820884.1, 1073.1, 1590.1, 0.0);
(388887.2, 3820868.1, 1071.9, 1590.1, 0.0); (392681.4,
3824133.0, 1009.8, 1588.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 80

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 392704.2, 3824142.3, 1015.7, 1587.8, 0.0); | ( 392727.1, |
| 3824151.5, 1020.1, 1587.8, 0.0);             |             |
| ( 392162.7, 3825353.0, 925.5, 1590.1, 0.0);  | ( 392144.0, |
| 3825336.9, 925.6, 1590.1, 0.0);              |             |
| ( 392125.3, 3825320.9, 925.9, 1590.1, 0.0);  | ( 392106.7, |
| 3825304.8, 926.9, 1590.1, 0.0);              |             |
| ( 392088.0, 3825288.8, 928.0, 1590.1, 0.0);  | ( 392069.3, |
| 3825272.7, 928.9, 1590.1, 0.0);              |             |
| ( 392050.7, 3825256.6, 930.7, 1590.1, 0.0);  | ( 392032.0, |
| 3825240.6, 933.8, 1590.1, 0.0);              |             |
| ( 392013.4, 3825224.5, 937.6, 1590.1, 0.0);  | ( 391994.7, |
| 3825208.5, 939.8, 1590.1, 0.0);              |             |
| ( 391976.0, 3825192.4, 940.6, 1590.1, 0.0);  | ( 391957.4, |
| 3825176.3, 942.2, 1590.1, 0.0);              |             |
| ( 391938.7, 3825160.3, 943.9, 1590.1, 0.0);  | ( 391920.0, |
| 3825144.2, 944.0, 1590.1, 0.0);              |             |
| ( 391901.4, 3825128.2, 944.7, 1590.1, 0.0);  | ( 391882.7, |
| 3825112.1, 945.5, 1590.1, 0.0);              |             |
| ( 391864.1, 3825096.0, 945.7, 1590.1, 0.0);  | ( 391845.4, |
| 3825080.0, 947.3, 1590.1, 0.0);              |             |
| ( 391826.7, 3825063.9, 948.5, 1590.1, 0.0);  | ( 391808.1, |
| 3825047.9, 949.6, 1590.1, 0.0);              |             |
| ( 391789.4, 3825031.8, 950.2, 1590.1, 0.0);  | ( 391770.7, |
| 3825015.7, 950.8, 1590.1, 0.0);              |             |
| ( 391752.1, 3824999.7, 951.6, 1590.1, 0.0);  | ( 391733.4, |
| 3824983.6, 953.1, 1590.1, 0.0);              |             |
| ( 391714.8, 3824967.6, 955.4, 1590.1, 0.0);  | ( 391696.1, |
| 3824951.5, 956.9, 1590.1, 0.0);              |             |
| ( 391677.4, 3824935.4, 957.7, 1590.1, 0.0);  | ( 391658.8, |
| 3824919.4, 959.4, 1590.1, 0.0);              |             |
| ( 391640.1, 3824903.3, 964.5, 1590.1, 0.0);  | ( 391621.4, |
| 3824887.3, 970.3, 1590.1, 0.0);              |             |
| ( 391602.8, 3824871.2, 975.4, 1590.1, 0.0);  | ( 391584.1, |
| 3824855.1, 979.1, 1590.1, 0.0);              |             |
| ( 391565.5, 3824839.1, 984.5, 1590.1, 0.0);  | ( 391546.8, |
| 3824823.0, 987.9, 1590.1, 0.0);              |             |
| ( 391528.1, 3824807.0, 989.6, 1590.1, 0.0);  | ( 391509.5, |
| 3824790.9, 992.5, 1590.1, 0.0);              |             |
| ( 391490.8, 3824774.8, 999.9, 1590.1, 0.0);  | ( 391472.1, |
| 3824758.8, 1009.1, 1590.1, 0.0);             |             |
| ( 391453.5, 3824742.7, 1019.4, 1590.1, 0.0); | ( 391434.8, |
| 3824726.7, 1028.0, 1590.1, 0.0);             |             |
| ( 391416.1, 3824710.6, 1034.5, 1590.1, 0.0); | ( 391397.5, |
| 3824694.5, 1034.2, 1590.1, 0.0);             |             |
| ( 391378.8, 3824678.5, 1028.6, 1590.1, 0.0); | ( 391360.1, |

```

3824662.4, 1021.5, 1590.1, 0.0);
(391341.5, 3824646.4, 1016.8, 1590.1, 0.0); (391322.8,
3824630.3, 1014.4, 1590.1, 0.0);
(391304.2, 3824614.2, 1016.1, 1590.1, 0.0); (391285.5,
3824598.2, 1020.6, 1590.1, 0.0);
(391266.8, 3824582.1, 1028.8, 1590.1, 0.0); (391248.2,
3824566.1, 1037.5, 1590.1, 0.0);
(391229.5, 3824550.0, 1047.4, 1590.1, 0.0); (391210.8,
3824533.9, 1058.3, 1590.1, 0.0);
(391192.2, 3824517.9, 1070.0, 1590.1, 0.0); (391173.5,
3824501.8, 1078.9, 1590.1, 0.0);
(391154.9, 3824485.8, 1087.3, 1590.1, 0.0); (391136.2,
3824469.7, 1095.7, 1590.1, 0.0);
(391117.5, 3824453.6, 1103.0, 1590.1, 0.0); (391098.9,
3824437.6, 1106.5, 1590.1, 0.0);
(391080.2, 3824421.5, 1102.6, 1590.1, 0.0); (391061.5,
3824405.5, 1094.9, 1590.1, 0.0);
(391042.9, 3824389.4, 1085.0, 1590.1, 0.0); (391024.2,
3824373.3, 1075.7, 1590.1, 0.0);
(391005.5, 3824357.3, 1067.1, 1590.1, 0.0); (390986.9,
3824341.2, 1069.1, 1590.1, 0.0);
(390968.2, 3824325.2, 1081.3, 1590.1, 0.0); (390949.6,
3824309.1, 1095.8, 1590.1, 0.0);
(390930.9, 3824293.0, 1110.5, 1590.1, 0.0); (390912.2,
3824277.0, 1119.2, 1590.1, 0.0);
(390893.6, 3824260.9, 1128.6, 1590.1, 0.0); (390874.9,
3824244.9, 1137.6, 1590.1, 0.0);
(390856.2, 3824228.8, 1147.3, 1590.1, 0.0); (390837.6,
3824212.7, 1155.4, 1590.1, 0.0);
(390818.9, 3824196.7, 1159.1, 1590.1, 0.0); (390800.3,
3824180.6, 1158.6, 1590.1, 0.0);
(390781.6, 3824164.6, 1158.2, 1590.1, 0.0); (390762.9,
3824148.5, 1158.0, 1590.1, 0.0);
(390744.3, 3824132.4, 1158.0, 1590.1, 0.0); (390725.6,
3824116.4, 1160.4, 1590.1, 0.0);
(390706.9, 3824100.3, 1167.0, 1590.1, 0.0); (390688.3,
3824084.3, 1176.5, 1590.1, 0.0);
(390669.6, 3824068.2, 1182.7, 1590.0, 0.0); (390651.0,
3824052.1, 1187.4, 1590.0, 0.0);
(390632.3, 3824036.1, 1186.9, 1590.0, 0.0); (390501.6,
3823923.7, 1209.2, 1590.0, 0.0);
(390483.0, 3823907.6, 1221.9, 1589.5, 0.0); (390464.3,
3823891.5, 1234.6, 1588.1, 0.0);
(390445.6, 3823875.5, 1247.6, 1587.8, 0.0); (390427.0,
3823859.4, 1256.0, 1587.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 390408.3, 3823843.3, 1253.6, 1587.8, 0.0); | ( 390389.7, |
| 3823827.3, 1243.6, 1588.1, 0.0);             |             |
| ( 390371.0, 3823811.2, 1231.0, 1590.0, 0.0); | ( 390352.3, |
| 3823795.2, 1223.2, 1590.0, 0.0);             |             |
| ( 390333.7, 3823779.1, 1227.4, 1590.0, 0.0); | ( 390315.0, |
| 3823763.0, 1239.9, 1589.5, 0.0);             |             |
| ( 390296.3, 3823747.0, 1253.5, 1588.1, 0.0); | ( 390277.7, |
| 3823730.9, 1263.9, 1587.8, 0.0);             |             |
| ( 390259.0, 3823714.9, 1271.8, 1587.8, 0.0); | ( 390240.4, |
| 3823698.8, 1274.6, 1587.8, 0.0);             |             |
| ( 390221.7, 3823682.8, 1269.7, 1587.8, 0.0); | ( 390203.0, |
| 3823666.7, 1258.0, 1588.1, 0.0);             |             |
| ( 390184.4, 3823650.6, 1244.7, 1590.0, 0.0); | ( 390165.7, |
| 3823634.6, 1237.6, 1590.1, 0.0);             |             |
| ( 390147.0, 3823618.5, 1243.0, 1590.0, 0.0); | ( 390128.4, |
| 3823602.4, 1248.9, 1590.0, 0.0);             |             |
| ( 390109.7, 3823586.4, 1255.1, 1590.0, 0.0); | ( 390091.0, |
| 3823570.3, 1262.7, 1590.0, 0.0);             |             |
| ( 390072.4, 3823554.3, 1268.0, 1589.5, 0.0); | ( 390053.7, |
| 3823538.2, 1270.3, 1589.5, 0.0);             |             |
| ( 390035.1, 3823522.1, 1269.8, 1590.0, 0.0); | ( 390016.4, |
| 3823506.1, 1268.0, 1590.0, 0.0);             |             |
| ( 389997.7, 3823490.0, 1273.8, 1590.0, 0.0); | ( 389979.1, |
| 3823474.0, 1279.8, 1588.1, 0.0);             |             |
| ( 389960.4, 3823457.9, 1292.4, 1588.1, 0.0); | ( 389941.8, |
| 3823441.8, 1307.4, 1587.8, 0.0);             |             |
| ( 389923.1, 3823425.8, 1323.5, 1586.8, 0.0); | ( 389904.4, |
| 3823409.7, 1338.7, 1586.8, 0.0);             |             |
| ( 389885.8, 3823393.7, 1350.7, 1586.8, 0.0); | ( 389867.1, |
| 3823377.6, 1357.5, 1586.8, 0.0);             |             |
| ( 389848.4, 3823361.5, 1355.4, 1586.8, 0.0); | ( 389829.8, |
| 3823345.5, 1354.2, 1586.8, 0.0);             |             |
| ( 389811.1, 3823329.4, 1363.1, 1586.8, 0.0); | ( 389792.4, |
| 3823313.4, 1373.9, 1586.8, 0.0);             |             |
| ( 389773.8, 3823297.3, 1384.7, 1586.8, 0.0); | ( 389755.1, |
| 3823281.2, 1397.1, 1586.8, 0.0);             |             |
| ( 389736.5, 3823265.2, 1409.3, 1586.8, 0.0); | ( 389717.8, |
| 3823249.1, 1420.6, 1586.8, 0.0);             |             |
| ( 389699.1, 3823233.1, 1428.0, 1586.8, 0.0); | ( 389680.5, |
| 3823217.0, 1424.1, 1586.8, 0.0);             |             |
| ( 389661.8, 3823200.9, 1413.9, 1586.8, 0.0); | ( 389643.1, |
| 3823184.9, 1402.6, 1586.8, 0.0);             |             |
| ( 389624.5, 3823168.8, 1391.6, 1586.8, 0.0); | ( 389605.8, |

```

3823152.8, 1388.0, 1586.8, 0.0);
(389587.1, 3823136.7, 1387.1, 1586.8, 0.0); (389568.5,
3823120.6, 1396.0, 1586.8, 0.0);
(389549.8, 3823104.6, 1404.3, 1586.8, 0.0); (389531.2,
3823088.5, 1404.7, 1586.8, 0.0);
(389512.5, 3823072.5, 1403.8, 1586.8, 0.0); (389493.8,
3823056.4, 1403.4, 1586.8, 0.0);
(389475.2, 3823040.3, 1404.1, 1586.8, 0.0); (389456.5,
3823024.3, 1403.4, 1586.8, 0.0);
(389437.8, 3823008.2, 1407.2, 1586.8, 0.0); (389419.2,
3822992.2, 1418.9, 1586.8, 0.0);
(389400.5, 3822976.1, 1431.1, 1586.8, 0.0); (389381.8,
3822960.0, 1442.6, 1586.8, 0.0);
(389363.2, 3822944.0, 1451.8, 1586.8, 0.0); (389344.5,
3822927.9, 1461.3, 1586.8, 0.0);
(389325.9, 3822911.9, 1469.4, 1586.8, 0.0); (389307.2,
3822895.8, 1475.6, 1529.1, 0.0);
(389288.5, 3822879.8, 1478.5, 1529.1, 0.0); (389269.9,
3822863.7, 1480.9, 1529.1, 0.0);
(389251.2, 3822847.6, 1478.8, 1529.1, 0.0); (389232.5,
3822831.6, 1474.7, 1586.8, 0.0);
(389213.9, 3822815.5, 1468.1, 1586.8, 0.0); (389195.2,
3822799.4, 1461.3, 1586.8, 0.0);
(389176.6, 3822783.4, 1455.3, 1586.8, 0.0); (389157.9,
3822767.3, 1448.7, 1586.8, 0.0);
(389139.2, 3822751.3, 1444.2, 1586.8, 0.0); (389120.6,
3822735.2, 1437.6, 1586.8, 0.0);
(389101.9, 3822719.1, 1429.3, 1586.8, 0.0); (389083.2,
3822703.1, 1423.0, 1586.8, 0.0);
(389064.6, 3822687.0, 1416.5, 1586.8, 0.0); (389045.9,
3822671.0, 1408.8, 1586.8, 0.0);
(389027.2, 3822654.9, 1400.8, 1587.8, 0.0); (389008.6,
3822638.8, 1392.1, 1587.8, 0.0);
(388989.9, 3822622.8, 1383.1, 1588.1, 0.0); (388971.3,
3822606.7, 1373.3, 1589.5, 0.0);
(388952.6, 3822590.7, 1364.5, 1590.0, 0.0); (388933.9,
3822574.6, 1358.3, 1590.1, 0.0);
(388915.3, 3822558.5, 1353.8, 1590.1, 0.0); (388896.6,
3822542.5, 1351.8, 1590.1, 0.0);
(388878.0, 3822526.4, 1353.5, 1590.1, 0.0); (388859.3,
3822510.4, 1351.8, 1590.1, 0.0);
(388840.6, 3822494.3, 1345.7, 1590.1, 0.0); (388822.0,
3822478.2, 1336.5, 1590.1, 0.0);
(388803.3, 3822462.2, 1326.4, 1590.1, 0.0); (388784.6,
3822446.1, 1316.4, 1590.1, 0.0);
(388766.0, 3822430.1, 1306.6, 1590.1, 0.0); (388747.3,
3822414.0, 1295.3, 1590.1, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 82

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 388728.6, 3822397.9, 1283.2, 1590.1, 0.0); | ( 388710.0, |
| 3822381.9, 1270.5, 1590.1, 0.0);             |             |
| ( 388691.3, 3822365.8, 1257.3, 1590.1, 0.0); | ( 388672.6, |
| 3822349.8, 1244.1, 1590.1, 0.0);             |             |
| ( 388654.0, 3822333.7, 1231.4, 1590.1, 0.0); | ( 388635.3, |
| 3822317.6, 1219.4, 1590.1, 0.0);             |             |
| ( 388616.7, 3822301.6, 1209.3, 1590.1, 0.0); | ( 388598.0, |
| 3822285.5, 1203.7, 1590.1, 0.0);             |             |
| ( 388579.3, 3822269.5, 1201.9, 1590.1, 0.0); | ( 388560.7, |
| 3822253.4, 1199.6, 1590.1, 0.0);             |             |
| ( 388542.0, 3822237.3, 1198.7, 1590.1, 0.0); | ( 388523.3, |
| 3822221.3, 1199.1, 1590.1, 0.0);             |             |
| ( 388504.7, 3822205.2, 1197.7, 1590.1, 0.0); | ( 388486.0, |
| 3822189.2, 1193.9, 1590.1, 0.0);             |             |
| ( 388467.4, 3822173.1, 1188.2, 1590.1, 0.0); | ( 388448.7, |
| 3822157.0, 1189.8, 1590.1, 0.0);             |             |
| ( 388430.0, 3822141.0, 1188.9, 1590.1, 0.0); | ( 388411.4, |
| 3822124.9, 1184.7, 1590.1, 0.0);             |             |
| ( 388392.7, 3822108.9, 1184.1, 1590.1, 0.0); | ( 388374.0, |
| 3822092.8, 1189.7, 1590.1, 0.0);             |             |
| ( 388355.4, 3822076.7, 1196.4, 1590.1, 0.0); | ( 388336.7, |
| 3822060.7, 1199.7, 1590.1, 0.0);             |             |
| ( 388318.0, 3822044.6, 1196.3, 1590.1, 0.0); | ( 388299.4, |
| 3822028.6, 1193.0, 1590.1, 0.0);             |             |
| ( 388280.7, 3822012.5, 1192.5, 1590.1, 0.0); | ( 388262.1, |
| 3821996.4, 1194.1, 1590.1, 0.0);             |             |
| ( 388243.4, 3821980.4, 1189.8, 1590.1, 0.0); | ( 388224.7, |
| 3821964.3, 1181.6, 1590.1, 0.0);             |             |
| ( 388206.1, 3821948.3, 1171.1, 1590.1, 0.0); | ( 388187.4, |
| 3821932.2, 1162.9, 1590.1, 0.0);             |             |
| ( 388168.8, 3821916.1, 1159.2, 1590.1, 0.0); | ( 388150.1, |
| 3821900.1, 1158.0, 1590.1, 0.0);             |             |
| ( 388131.4, 3821884.0, 1159.2, 1590.1, 0.0); | ( 388112.8, |
| 3821868.0, 1159.9, 1590.1, 0.0);             |             |
| ( 388094.1, 3821851.9, 1157.1, 1590.1, 0.0); | ( 388075.4, |
| 3821835.8, 1151.1, 1590.1, 0.0);             |             |
| ( 388056.8, 3821819.8, 1144.5, 1590.1, 0.0); | ( 388038.1, |
| 3821803.7, 1141.7, 1590.1, 0.0);             |             |
| ( 388019.4, 3821787.7, 1141.4, 1590.1, 0.0); | ( 388000.8, |
| 3821771.6, 1139.7, 1590.1, 0.0);             |             |
| ( 387982.1, 3821755.5, 1133.2, 1590.1, 0.0); | ( 387963.5, |



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821739.5,  | 1129.4,    | 1590.1, | 0.0);   |       |             |
| ( 387944.8, | 3821723.4, | 1127.3, | 1590.1, | 0.0); | ( 387926.1, |
| 3821707.4,  | 1125.6,    | 1590.1, | 0.0);   |       |             |
| ( 387907.5, | 3821691.3, | 1123.5, | 1590.1, | 0.0); | ( 387888.8, |
| 3821675.2,  | 1120.8,    | 1590.1, | 0.0);   |       |             |
| ( 387870.1, | 3821659.2, | 1117.3, | 1590.1, | 0.0); | ( 387851.5, |
| 3821643.1,  | 1114.4,    | 1590.1, | 0.0);   |       |             |
| ( 387832.8, | 3821627.1, | 1115.0, | 1590.1, | 0.0); | ( 387814.1, |
| 3821611.0,  | 1116.4,    | 1590.1, | 0.0);   |       |             |
| ( 387795.5, | 3821594.9, | 1116.0, | 1590.1, | 0.0); | ( 387776.8, |
| 3821578.9,  | 1114.5,    | 1590.1, | 0.0);   |       |             |
| ( 387758.2, | 3821562.8, | 1112.9, | 1590.1, | 0.0); | ( 387739.5, |
| 3821546.8,  | 1111.2,    | 1590.1, | 0.0);   |       |             |
| ( 392181.3, | 3825369.1, | 924.2,  | 1590.1, | 0.0); | ( 392204.2, |
| 3825378.3,  | 923.4,     | 1590.1, | 0.0);   |       |             |
| ( 392227.1, | 3825387.6, | 922.7,  | 1590.1, | 0.0); | ( 391662.7, |
| 3826589.0,  | 898.3,     | 1590.1, | 0.0);   |       |             |
| ( 391644.0, | 3826573.0, | 899.3,  | 1590.1, | 0.0); | ( 391625.4, |
| 3826557.0,  | 898.8,     | 1590.1, | 0.0);   |       |             |
| ( 391606.7, | 3826540.9, | 895.4,  | 1590.1, | 0.0); | ( 391588.1, |
| 3826524.9,  | 894.6,     | 1590.1, | 0.0);   |       |             |
| ( 391569.4, | 3826508.8, | 895.7,  | 1590.1, | 0.0); | ( 391550.8, |
| 3826492.8,  | 895.8,     | 1590.1, | 0.0);   |       |             |
| ( 391532.2, | 3826476.7, | 895.9,  | 1590.1, | 0.0); | ( 391513.5, |
| 3826460.7,  | 896.1,     | 1590.1, | 0.0);   |       |             |
| ( 391494.9, | 3826444.7, | 896.2,  | 1590.1, | 0.0); | ( 391476.2, |
| 3826428.6,  | 896.5,     | 1590.1, | 0.0);   |       |             |
| ( 391457.6, | 3826412.6, | 897.1,  | 1590.1, | 0.0); | ( 391438.9, |
| 3826396.5,  | 897.9,     | 1590.1, | 0.0);   |       |             |
| ( 391420.3, | 3826380.5, | 898.8,  | 1590.1, | 0.0); | ( 391401.7, |
| 3826364.4,  | 898.7,     | 1590.1, | 0.0);   |       |             |
| ( 391383.0, | 3826348.4, | 898.8,  | 1590.1, | 0.0); | ( 391364.4, |
| 3826332.4,  | 899.1,     | 1590.1, | 0.0);   |       |             |
| ( 391345.7, | 3826316.3, | 899.4,  | 1590.1, | 0.0); | ( 391327.1, |
| 3826300.3,  | 899.9,     | 1590.1, | 0.0);   |       |             |
| ( 391308.5, | 3826284.2, | 900.3,  | 1590.1, | 0.0); | ( 391289.8, |
| 3826268.2,  | 900.7,     | 1590.1, | 0.0);   |       |             |
| ( 391271.2, | 3826252.1, | 901.1,  | 1590.1, | 0.0); | ( 391252.5, |
| 3826236.1,  | 901.7,     | 1590.1, | 0.0);   |       |             |
| ( 391233.9, | 3826220.1, | 902.4,  | 1590.1, | 0.0); | ( 391215.2, |
| 3826204.0,  | 903.1,     | 1590.1, | 0.0);   |       |             |
| ( 391196.6, | 3826188.0, | 903.8,  | 1590.1, | 0.0); | ( 391178.0, |
| 3826171.9,  | 904.9,     | 1590.1, | 0.0);   |       |             |
| ( 391159.3, | 3826155.9, | 907.7,  | 1590.1, | 0.0); | ( 391140.7, |
| 3826139.8,  | 909.7,     | 1590.1, | 0.0);   |       |             |
| ( 391122.0, | 3826123.8, | 909.8,  | 1590.1, | 0.0); | ( 391103.4, |
| 3826107.8,  | 908.8,     | 1590.1, | 0.0);   |       |             |
| ( 391084.7, | 3826091.7, | 908.9,  | 1590.1, | 0.0); | ( 391066.1, |
| 3826075.7,  | 909.3,     | 1590.1, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 83

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 391047.5, 3826059.6, 907.6, 1590.1, 0.0); | ( 391028.8, |
| 3826043.6, 907.0, 1590.1, 0.0);             |             |
| ( 391010.2, 3826027.5, 907.4, 1590.1, 0.0); | ( 390991.5, |
| 3826011.5, 907.3, 1590.1, 0.0);             |             |
| ( 390972.9, 3825995.5, 906.9, 1590.1, 0.0); | ( 390954.2, |
| 3825979.4, 907.4, 1590.1, 0.0);             |             |
| ( 390935.6, 3825963.4, 910.7, 1590.1, 0.0); | ( 390917.0, |
| 3825947.3, 914.6, 1590.1, 0.0);             |             |
| ( 390898.3, 3825931.3, 918.5, 1590.1, 0.0); | ( 390879.7, |
| 3825915.3, 922.6, 1590.1, 0.0);             |             |
| ( 390861.0, 3825899.2, 926.6, 1590.1, 0.0); | ( 390842.4, |
| 3825883.2, 928.3, 1590.1, 0.0);             |             |
| ( 390823.7, 3825867.1, 928.9, 1590.1, 0.0); | ( 390805.1, |
| 3825851.1, 930.1, 1590.1, 0.0);             |             |
| ( 390786.5, 3825835.0, 931.3, 1590.1, 0.0); | ( 390767.8, |
| 3825819.0, 932.5, 1590.1, 0.0);             |             |
| ( 390749.2, 3825803.0, 933.3, 1590.1, 0.0); | ( 390730.5, |
| 3825786.9, 933.9, 1590.1, 0.0);             |             |
| ( 390711.9, 3825770.9, 935.4, 1590.1, 0.0); | ( 390693.2, |
| 3825754.8, 937.5, 1590.1, 0.0);             |             |
| ( 390674.6, 3825738.8, 939.8, 1590.1, 0.0); | ( 390656.0, |
| 3825722.7, 943.2, 1590.1, 0.0);             |             |
| ( 390637.3, 3825706.7, 946.8, 1590.1, 0.0); | ( 390618.7, |
| 3825690.7, 947.5, 1590.1, 0.0);             |             |
| ( 390600.0, 3825674.6, 949.1, 1590.1, 0.0); | ( 390581.4, |
| 3825658.6, 953.1, 1590.1, 0.0);             |             |
| ( 390562.7, 3825642.5, 953.9, 1590.1, 0.0); | ( 390544.1, |
| 3825626.5, 952.4, 1590.1, 0.0);             |             |
| ( 390525.5, 3825610.4, 953.6, 1590.1, 0.0); | ( 390506.8, |
| 3825594.4, 955.0, 1590.1, 0.0);             |             |
| ( 390488.2, 3825578.4, 956.6, 1590.1, 0.0); | ( 390469.5, |
| 3825562.3, 958.3, 1590.1, 0.0);             |             |
| ( 390450.9, 3825546.3, 960.8, 1590.1, 0.0); | ( 390432.2, |
| 3825530.2, 964.7, 1590.1, 0.0);             |             |
| ( 390413.6, 3825514.2, 968.5, 1590.1, 0.0); | ( 390395.0, |
| 3825498.1, 973.0, 1590.1, 0.0);             |             |
| ( 390376.3, 3825482.1, 975.4, 1590.1, 0.0); | ( 390357.7, |
| 3825466.1, 978.4, 1590.1, 0.0);             |             |
| ( 390339.0, 3825450.0, 983.0, 1590.1, 0.0); | ( 390320.4, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825434.0,  | 984.8,     | 1590.1, | 0.0);   |       |             |
| ( 390301.7, | 3825417.9, | 987.1,  | 1590.1, | 0.0); | ( 390283.1, |
| 3825401.9,  | 990.7,     | 1590.1, | 0.0);   |       |             |
| ( 390264.5, | 3825385.8, | 994.3,  | 1590.1, | 0.0); | ( 390245.8, |
| 3825369.8,  | 1000.4,    | 1590.1, | 0.0);   |       |             |
| ( 390227.2, | 3825353.8, | 1007.4, | 1590.1, | 0.0); | ( 390208.5, |
| 3825337.7,  | 1013.3,    | 1590.1, | 0.0);   |       |             |
| ( 390189.9, | 3825321.7, | 1014.8, | 1590.1, | 0.0); | ( 390171.2, |
| 3825305.6,  | 1015.1,    | 1590.1, | 0.0);   |       |             |
| ( 390152.6, | 3825289.6, | 1019.5, | 1590.1, | 0.0); | ( 390134.0, |
| 3825273.5,  | 1026.6,    | 1590.1, | 0.0);   |       |             |
| ( 390115.3, | 3825257.5, | 1031.6, | 1590.1, | 0.0); | ( 390096.7, |
| 3825241.5,  | 1033.3,    | 1590.1, | 0.0);   |       |             |
| ( 390078.0, | 3825225.4, | 1035.4, | 1590.1, | 0.0); | ( 390059.4, |
| 3825209.4,  | 1040.8,    | 1590.1, | 0.0);   |       |             |
| ( 390040.7, | 3825193.3, | 1048.3, | 1590.1, | 0.0); | ( 390022.1, |
| 3825177.3,  | 1055.5,    | 1590.1, | 0.0);   |       |             |
| ( 390003.5, | 3825161.3, | 1063.4, | 1590.1, | 0.0); | ( 389984.8, |
| 3825145.2,  | 1069.3,    | 1590.1, | 0.0);   |       |             |
| ( 389966.2, | 3825129.2, | 1072.0, | 1590.1, | 0.0); | ( 389947.5, |
| 3825113.1,  | 1069.7,    | 1590.1, | 0.0);   |       |             |
| ( 389928.9, | 3825097.1, | 1063.8, | 1590.1, | 0.0); | ( 389910.2, |
| 3825081.0,  | 1064.0,    | 1590.1, | 0.0);   |       |             |
| ( 389891.6, | 3825065.0, | 1072.7, | 1590.1, | 0.0); | ( 389761.1, |
| 3824952.7,  | 1067.5,    | 1590.1, | 0.0);   |       |             |
| ( 389742.5, | 3824936.7, | 1060.4, | 1590.1, | 0.0); | ( 389723.8, |
| 3824920.6,  | 1053.7,    | 1590.1, | 0.0);   |       |             |
| ( 389705.2, | 3824904.6, | 1050.3, | 1590.1, | 0.0); | ( 389686.5, |
| 3824888.5,  | 1045.9,    | 1590.1, | 0.0);   |       |             |
| ( 389667.9, | 3824872.5, | 1041.5, | 1590.1, | 0.0); | ( 389649.2, |
| 3824856.4,  | 1043.8,    | 1590.1, | 0.0);   |       |             |
| ( 389630.6, | 3824840.4, | 1048.4, | 1590.1, | 0.0); | ( 389612.0, |
| 3824824.4,  | 1055.5,    | 1590.1, | 0.0);   |       |             |
| ( 389593.3, | 3824808.3, | 1063.6, | 1590.1, | 0.0); | ( 389574.7, |
| 3824792.3,  | 1069.1,    | 1590.1, | 0.0);   |       |             |
| ( 389556.0, | 3824776.2, | 1076.5, | 1590.1, | 0.0); | ( 389537.4, |
| 3824760.2,  | 1085.8,    | 1590.1, | 0.0);   |       |             |
| ( 389518.7, | 3824744.1, | 1099.2, | 1590.1, | 0.0); | ( 389500.1, |
| 3824728.1,  | 1112.2,    | 1590.1, | 0.0);   |       |             |
| ( 389481.5, | 3824712.1, | 1124.6, | 1590.1, | 0.0); | ( 389462.8, |
| 3824696.0,  | 1137.7,    | 1590.1, | 0.0);   |       |             |
| ( 389444.2, | 3824680.0, | 1150.2, | 1590.1, | 0.0); | ( 389425.5, |
| 3824663.9,  | 1161.9,    | 1590.1, | 0.0);   |       |             |
| ( 389406.9, | 3824647.9, | 1173.9, | 1590.1, | 0.0); | ( 389388.2, |
| 3824631.8,  | 1186.4,    | 1590.1, | 0.0);   |       |             |
| ( 389369.6, | 3824615.8, | 1197.9, | 1590.1, | 0.0); | ( 389351.0, |
| 3824599.8,  | 1207.5,    | 1590.1, | 0.0);   |       |             |
| ( 389332.3, | 3824583.7, | 1216.8, | 1590.1, | 0.0); | ( 389313.7, |
| 3824567.7,  | 1225.5,    | 1590.1, | 0.0);   |       |             |
| ( 389295.0, | 3824551.6, | 1233.8, | 1590.1, | 0.0); | ( 389276.4, |

3824535.6, 1241.7, 1590.1, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 84

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 389257.7, 3824519.5, 1248.1, 1590.1, 0.0); | ( 389239.1, |
| 3824503.5, 1252.4, 1590.1, 0.0);             |             |
| ( 389220.5, 3824487.5, 1255.5, 1590.1, 0.0); | ( 389201.8, |
| 3824471.4, 1257.6, 1590.1, 0.0);             |             |
| ( 389183.2, 3824455.4, 1257.7, 1590.1, 0.0); | ( 389164.5, |
| 3824439.3, 1253.0, 1590.1, 0.0);             |             |
| ( 389145.9, 3824423.3, 1248.0, 1590.1, 0.0); | ( 389127.2, |
| 3824407.3, 1243.8, 1590.1, 0.0);             |             |
| ( 389108.6, 3824391.2, 1243.6, 1590.1, 0.0); | ( 389090.0, |
| 3824375.2, 1249.2, 1590.1, 0.0);             |             |
| ( 389071.3, 3824359.1, 1257.5, 1590.1, 0.0); | ( 389052.7, |
| 3824343.1, 1266.5, 1590.1, 0.0);             |             |
| ( 389034.0, 3824327.0, 1273.9, 1590.1, 0.0); | ( 389015.4, |
| 3824311.0, 1282.0, 1590.1, 0.0);             |             |
| ( 388996.7, 3824295.0, 1291.8, 1590.1, 0.0); | ( 388978.1, |
| 3824278.9, 1304.0, 1590.1, 0.0);             |             |
| ( 388959.5, 3824262.9, 1315.5, 1590.1, 0.0); | ( 388940.8, |
| 3824246.8, 1327.8, 1590.1, 0.0);             |             |
| ( 388922.2, 3824230.8, 1339.6, 1590.1, 0.0); | ( 388903.5, |
| 3824214.8, 1347.8, 1590.0, 0.0);             |             |
| ( 388884.9, 3824198.7, 1351.8, 1590.0, 0.0); | ( 388866.2, |
| 3824182.7, 1353.4, 1590.0, 0.0);             |             |
| ( 388847.6, 3824166.6, 1354.1, 1590.0, 0.0); | ( 388829.0, |
| 3824150.6, 1359.4, 1590.0, 0.0);             |             |
| ( 388810.3, 3824134.5, 1364.3, 1590.0, 0.0); | ( 388791.7, |
| 3824118.5, 1370.1, 1590.0, 0.0);             |             |
| ( 388773.0, 3824102.4, 1376.5, 1590.0, 0.0); | ( 388754.4, |
| 3824086.4, 1386.9, 1588.1, 0.0);             |             |
| ( 388735.7, 3824070.4, 1397.2, 1587.8, 0.0); | ( 388717.1, |
| 3824054.3, 1407.0, 1587.8, 0.0);             |             |
| ( 388698.5, 3824038.3, 1411.5, 1587.8, 0.0); | ( 388679.8, |
| 3824022.2, 1415.9, 1587.8, 0.0);             |             |
| ( 388661.2, 3824006.2, 1421.5, 1587.8, 0.0); | ( 388642.5, |
| 3823990.1, 1425.6, 1587.8, 0.0);             |             |
| ( 388623.9, 3823974.1, 1432.1, 1586.8, 0.0); | ( 388605.2, |
| 3823958.1, 1438.0, 1586.8, 0.0);             |             |
| ( 388586.6, 3823942.0, 1443.6, 1586.8, 0.0); | ( 388568.0, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823926.0,  | 1448.4,    | 1586.8, | 0.0);   |       |             |
| ( 388549.3, | 3823909.9, | 1453.3, | 1586.8, | 0.0); | ( 388530.7, |
| 3823893.9,  | 1458.1,    | 1586.8, | 0.0);   |       |             |
| ( 388512.0, | 3823877.8, | 1466.5, | 1586.8, | 0.0); | ( 388493.4, |
| 3823861.8,  | 1478.3,    | 1586.8, | 0.0);   |       |             |
| ( 388474.7, | 3823845.8, | 1489.0, | 1586.8, | 0.0); | ( 388456.1, |
| 3823829.7,  | 1496.9,    | 1586.8, | 0.0);   |       |             |
| ( 388437.5, | 3823813.7, | 1501.3, | 1586.8, | 0.0); | ( 388418.8, |
| 3823797.6,  | 1505.5,    | 1586.8, | 0.0);   |       |             |
| ( 388400.2, | 3823781.6, | 1511.0, | 1586.8, | 0.0); | ( 388381.5, |
| 3823765.5,  | 1517.5,    | 1586.8, | 0.0);   |       |             |
| ( 388362.9, | 3823749.5, | 1522.7, | 1586.8, | 0.0); | ( 388344.2, |
| 3823733.5,  | 1525.0,    | 1586.8, | 0.0);   |       |             |
| ( 388325.6, | 3823717.4, | 1525.9, | 1586.8, | 0.0); | ( 388307.0, |
| 3823701.4,  | 1524.4,    | 1586.8, | 0.0);   |       |             |
| ( 388288.3, | 3823685.3, | 1520.8, | 1586.8, | 0.0); | ( 388269.7, |
| 3823669.3,  | 1520.9,    | 1586.8, | 0.0);   |       |             |
| ( 388251.0, | 3823653.3, | 1525.6, | 1586.8, | 0.0); | ( 388232.4, |
| 3823637.2,  | 1535.9,    | 1586.8, | 0.0);   |       |             |
| ( 388213.7, | 3823621.2, | 1543.3, | 1586.8, | 0.0); | ( 388195.1, |
| 3823605.1,  | 1547.8,    | 1586.8, | 0.0);   |       |             |
| ( 388176.5, | 3823589.1, | 1550.4, | 1586.8, | 0.0); | ( 388157.8, |
| 3823573.0,  | 1555.1,    | 1586.8, | 0.0);   |       |             |
| ( 388139.2, | 3823557.0, | 1561.2, | 1586.8, | 0.0); | ( 388120.5, |
| 3823541.0,  | 1565.3,    | 1586.8, | 0.0);   |       |             |
| ( 388101.9, | 3823524.9, | 1568.8, | 1580.1, | 0.0); | ( 388083.2, |
| 3823508.9,  | 1571.0,    | 1580.1, | 0.0);   |       |             |
| ( 388064.6, | 3823492.8, | 1572.7, | 1572.7, | 0.0); | ( 388046.0, |
| 3823476.8,  | 1571.9,    | 1571.9, | 0.0);   |       |             |
| ( 388027.3, | 3823460.8, | 1571.2, | 1571.2, | 0.0); | ( 388008.7, |
| 3823444.7,  | 1570.8,    | 1570.8, | 0.0);   |       |             |
| ( 387990.0, | 3823428.7, | 1571.6, | 1571.6, | 0.0); | ( 387971.4, |
| 3823412.6,  | 1571.4,    | 1571.4, | 0.0);   |       |             |
| ( 387952.7, | 3823396.6, | 1569.6, | 1573.9, | 0.0); | ( 387934.1, |
| 3823380.5,  | 1567.3,    | 1573.9, | 0.0);   |       |             |
| ( 387915.5, | 3823364.5, | 1565.3, | 1572.1, | 0.0); | ( 387896.8, |
| 3823348.4,  | 1564.3,    | 1564.3, | 0.0);   |       |             |
| ( 387878.2, | 3823332.4, | 1564.9, | 1564.9, | 0.0); | ( 387859.5, |
| 3823316.4,  | 1565.4,    | 1565.4, | 0.0);   |       |             |
| ( 387840.9, | 3823300.3, | 1564.6, | 1566.1, | 0.0); | ( 387822.2, |
| 3823284.3,  | 1562.4,    | 1568.7, | 0.0);   |       |             |
| ( 387803.6, | 3823268.2, | 1557.8, | 1569.5, | 0.0); | ( 387785.0, |
| 3823252.2,  | 1550.3,    | 1571.9, | 0.0);   |       |             |
| ( 387766.3, | 3823236.1, | 1541.2, | 1573.9, | 0.0); | ( 387747.7, |
| 3823220.1,  | 1532.9,    | 1587.8, | 0.0);   |       |             |
| ( 387729.0, | 3823204.1, | 1527.6, | 1587.8, | 0.0); | ( 387710.4, |
| 3823188.0,  | 1524.9,    | 1587.8, | 0.0);   |       |             |
| ( 387691.7, | 3823172.0, | 1523.8, | 1588.1, | 0.0); | ( 387673.1, |
| 3823155.9,  | 1521.8,    | 1588.1, | 0.0);   |       |             |
| ( 387654.5, | 3823139.9, | 1519.1, | 1588.1, | 0.0); | ( 387635.8, |

3823123.8, 1515.6, 1588.1, 0.0);  
( 387617.2, 3823107.8, 1511.9, 1590.0, 0.0); ( 387598.5,  
3823091.8, 1506.2, 1590.0, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 85

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 387579.9, 3823075.7, 1499.3, 1590.1, 0.0); ( 387561.2,  
3823059.7, 1496.1, 1590.1, 0.0);  
( 387542.6, 3823043.6, 1498.0, 1590.1, 0.0); ( 387524.0,  
3823027.6, 1500.5, 1590.1, 0.0);  
( 387505.3, 3823011.6, 1502.2, 1590.1, 0.0); ( 387486.7,  
3822995.5, 1501.7, 1590.1, 0.0);  
( 387468.0, 3822979.5, 1500.2, 1590.1, 0.0); ( 387449.4,  
3822963.4, 1495.3, 1590.1, 0.0);  
( 387430.7, 3822947.4, 1488.8, 1590.1, 0.0); ( 387412.1,  
3822931.3, 1481.3, 1590.1, 0.0);  
( 387393.5, 3822915.3, 1476.1, 1590.1, 0.0); ( 387374.8,  
3822899.3, 1473.2, 1590.1, 0.0);  
( 387356.2, 3822883.2, 1469.8, 1590.1, 0.0); ( 387337.5,  
3822867.2, 1465.1, 1590.1, 0.0);  
( 387318.9, 3822851.1, 1460.5, 1590.1, 0.0); ( 387300.2,  
3822835.1, 1454.2, 1590.1, 0.0);  
( 387281.6, 3822819.0, 1447.8, 1590.1, 0.0); ( 387263.0,  
3822803.0, 1442.3, 1590.1, 0.0);  
( 387244.3, 3822787.0, 1442.7, 1590.1, 0.0); ( 387225.7,  
3822770.9, 1449.8, 1590.1, 0.0);  
( 387207.0, 3822754.9, 1456.4, 1590.1, 0.0); ( 387188.4,  
3822738.8, 1460.6, 1590.1, 0.0);  
( 387169.8, 3822722.8, 1461.2, 1590.1, 0.0); ( 387151.1,  
3822706.8, 1460.4, 1590.1, 0.0);  
( 387132.5, 3822690.7, 1457.6, 1590.1, 0.0); ( 387113.8,  
3822674.7, 1452.7, 1590.1, 0.0);  
( 387095.2, 3822658.6, 1445.7, 1590.1, 0.0); ( 387076.5,  
3822642.6, 1436.3, 1590.1, 0.0);  
( 387057.9, 3822626.5, 1426.2, 1590.1, 0.0); ( 387039.2,  
3822610.5, 1415.1, 1590.1, 0.0);  
( 387020.6, 3822594.4, 1403.9, 1590.1, 0.0); ( 387002.0,  
3822578.4, 1393.2, 1590.1, 0.0);  
( 386983.3, 3822562.4, 1384.1, 1590.1, 0.0); ( 386964.7,  
3822546.3, 1374.0, 1590.1, 0.0);  
( 386946.0, 3822530.3, 1366.2, 1590.1, 0.0); ( 386927.4,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822514.2,  | 1357.0,    | 1590.1, | 0.0);   |       |             |
| ( 386908.8, | 3822498.2, | 1347.4, | 1590.1, | 0.0); | ( 386890.1, |
| 3822482.1,  | 1340.2,    | 1590.1, | 0.0);   |       |             |
| ( 386871.5, | 3822466.1, | 1332.2, | 1590.1, | 0.0); | ( 386852.8, |
| 3822450.1,  | 1325.6,    | 1590.1, | 0.0);   |       |             |
| ( 386834.2, | 3822434.0, | 1319.6, | 1590.1, | 0.0); | ( 386815.5, |
| 3822418.0,  | 1311.7,    | 1590.1, | 0.0);   |       |             |
| ( 386796.9, | 3822401.9, | 1302.5, | 1590.1, | 0.0); | ( 386778.2, |
| 3822385.9,  | 1295.2,    | 1590.1, | 0.0);   |       |             |
| ( 386759.6, | 3822369.8, | 1293.4, | 1590.1, | 0.0); | ( 386741.0, |
| 3822353.8,  | 1295.7,    | 1590.1, | 0.0);   |       |             |
| ( 386722.3, | 3822337.8, | 1295.3, | 1590.1, | 0.0); | ( 386703.7, |
| 3822321.7,  | 1290.5,    | 1590.1, | 0.0);   |       |             |
| ( 386685.0, | 3822305.7, | 1284.5, | 1590.1, | 0.0); | ( 386666.4, |
| 3822289.6,  | 1281.6,    | 1590.1, | 0.0);   |       |             |
| ( 386647.8, | 3822273.6, | 1279.9, | 1590.1, | 0.0); | ( 386629.1, |
| 3822257.6,  | 1280.0,    | 1590.1, | 0.0);   |       |             |
| ( 386610.5, | 3822241.5, | 1282.5, | 1590.1, | 0.0); | ( 386591.8, |
| 3822225.5,  | 1286.7,    | 1590.1, | 0.0);   |       |             |
| ( 391681.3, | 3826605.1, | 895.5,  | 1590.1, | 0.0); | ( 391704.2, |
| 3826614.3,  | 893.4,     | 1590.1, | 0.0);   |       |             |
| ( 391727.0, | 3826623.6, | 893.4,  | 1590.1, | 0.0); | ( 391162.6, |
| 3827825.0,  | 890.9,     | 1590.1, | 0.0);   |       |             |
| ( 391143.9, | 3827808.9, | 884.8,  | 1590.1, | 0.0); | ( 391125.2, |
| 3827792.9,  | 873.8,     | 1590.1, | 0.0);   |       |             |
| ( 391106.5, | 3827776.8, | 860.9,  | 1590.1, | 0.0); | ( 391087.8, |
| 3827760.7,  | 853.9,     | 1590.1, | 0.0);   |       |             |
| ( 391069.1, | 3827744.6, | 850.0,  | 1590.1, | 0.0); | ( 391050.5, |
| 3827728.5,  | 849.5,     | 1590.1, | 0.0);   |       |             |
| ( 391031.8, | 3827712.5, | 850.2,  | 1590.1, | 0.0); | ( 391013.1, |
| 3827696.4,  | 851.8,     | 1590.1, | 0.0);   |       |             |
| ( 390994.4, | 3827680.3, | 853.2,  | 1590.1, | 0.0); | ( 390975.7, |
| 3827664.2,  | 853.6,     | 1590.1, | 0.0);   |       |             |
| ( 390957.0, | 3827648.1, | 854.1,  | 1590.1, | 0.0); | ( 390938.3, |
| 3827632.0,  | 856.1,     | 1590.1, | 0.0);   |       |             |
| ( 390919.6, | 3827616.0, | 857.9,  | 1590.1, | 0.0); | ( 390901.0, |
| 3827599.9,  | 859.1,     | 1590.1, | 0.0);   |       |             |
| ( 390882.3, | 3827583.8, | 862.6,  | 1590.1, | 0.0); | ( 390863.6, |
| 3827567.7,  | 869.9,     | 1590.1, | 0.0);   |       |             |
| ( 390844.9, | 3827551.6, | 877.4,  | 1590.1, | 0.0); | ( 390826.2, |
| 3827535.6,  | 883.7,     | 1590.1, | 0.0);   |       |             |
| ( 390807.5, | 3827519.5, | 887.9,  | 1590.1, | 0.0); | ( 390788.8, |
| 3827503.4,  | 890.9,     | 1590.1, | 0.0);   |       |             |
| ( 390770.1, | 3827487.3, | 891.7,  | 1590.1, | 0.0); | ( 390751.5, |
| 3827471.2,  | 890.2,     | 1590.1, | 0.0);   |       |             |
| ( 390732.8, | 3827455.2, | 889.4,  | 1590.1, | 0.0); | ( 390714.1, |
| 3827439.1,  | 889.3,     | 1590.1, | 0.0);   |       |             |
| ( 390695.4, | 3827423.0, | 891.0,  | 1590.1, | 0.0); | ( 390676.7, |
| 3827406.9,  | 894.4,     | 1590.1, | 0.0);   |       |             |
| ( 390658.0, | 3827390.8, | 896.4,  | 1590.1, | 0.0); | ( 390639.3, |

```

3827374.8, 897.7, 1590.1, 0.0);
 (390620.6, 3827358.7, 899.2, 1590.1, 0.0); (390602.0,
3827342.6, 901.9, 1590.1, 0.0);
 (390583.3, 3827326.5, 904.6, 1590.1, 0.0); (390564.6,
3827310.4, 907.3, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 86

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (390545.9, 3827294.3, 909.6, 1590.1, 0.0); (390527.2,
3827278.3, 911.3, 1590.1, 0.0);
 (390508.5, 3827262.2, 912.9, 1590.1, 0.0); (390489.8,
3827246.1, 913.4, 1590.1, 0.0);
 (390471.1, 3827230.0, 913.5, 1590.1, 0.0); (390452.5,
3827213.9, 914.0, 1590.1, 0.0);
 (390433.8, 3827197.9, 914.9, 1590.1, 0.0); (390415.1,
3827181.8, 915.6, 1590.1, 0.0);
 (390396.4, 3827165.7, 916.1, 1590.1, 0.0); (390377.7,
3827149.6, 915.5, 1590.1, 0.0);
 (390359.0, 3827133.5, 914.9, 1590.1, 0.0); (390340.3,
3827117.5, 915.2, 1590.1, 0.0);
 (390321.6, 3827101.4, 915.3, 1590.1, 0.0); (390303.0,
3827085.3, 915.2, 1590.1, 0.0);
 (390284.3, 3827069.2, 915.0, 1590.1, 0.0); (390265.6,
3827053.1, 915.2, 1590.1, 0.0);
 (390246.9, 3827037.0, 915.5, 1590.1, 0.0); (390228.2,
3827021.0, 915.6, 1590.1, 0.0);
 (390209.5, 3827004.9, 915.2, 1590.1, 0.0); (390190.8,
3826988.8, 915.4, 1590.1, 0.0);
 (390172.1, 3826972.7, 915.8, 1590.1, 0.0); (390153.5,
3826956.6, 915.9, 1590.1, 0.0);
 (390134.8, 3826940.6, 915.8, 1590.1, 0.0); (390116.1,
3826924.5, 916.3, 1590.1, 0.0);
 (390097.4, 3826908.4, 916.6, 1590.1, 0.0); (390078.7,
3826892.3, 916.9, 1590.1, 0.0);
 (390060.0, 3826876.2, 917.0, 1590.1, 0.0); (390041.3,
3826860.2, 917.0, 1590.1, 0.0);
 (390022.6, 3826844.1, 917.3, 1590.1, 0.0); (390004.0,
3826828.0, 917.8, 1590.1, 0.0);
 (389985.3, 3826811.9, 918.6, 1590.1, 0.0); (389966.6,
3826795.8, 919.0, 1590.1, 0.0);
 (389947.9, 3826779.8, 918.9, 1590.1, 0.0); (389929.2,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3826763.7,  | 920.4,     | 1590.1, | 0.0);   |       |             |
| ( 389910.5, | 3826747.6, | 921.7,  | 1590.1, | 0.0); | ( 389891.8, |
| 3826731.5,  | 922.0,     | 1590.1, | 0.0);   |       |             |
| ( 389873.1, | 3826715.4, | 922.3,  | 1590.1, | 0.0); | ( 389854.5, |
| 3826699.3,  | 922.6,     | 1590.1, | 0.0);   |       |             |
| ( 389835.8, | 3826683.3, | 923.0,  | 1590.1, | 0.0); | ( 389817.1, |
| 3826667.2,  | 923.6,     | 1590.1, | 0.0);   |       |             |
| ( 389798.4, | 3826651.1, | 925.6,  | 1590.1, | 0.0); | ( 389779.7, |
| 3826635.0,  | 929.5,     | 1590.1, | 0.0);   |       |             |
| ( 389761.0, | 3826618.9, | 934.6,  | 1590.1, | 0.0); | ( 389742.3, |
| 3826602.9,  | 937.0,     | 1590.1, | 0.0);   |       |             |
| ( 389723.6, | 3826586.8, | 938.8,  | 1590.1, | 0.0); | ( 389705.0, |
| 3826570.7,  | 941.7,     | 1590.1, | 0.0);   |       |             |
| ( 389686.3, | 3826554.6, | 944.1,  | 1590.1, | 0.0); | ( 389667.6, |
| 3826538.5,  | 941.7,     | 1590.1, | 0.0);   |       |             |
| ( 389648.9, | 3826522.5, | 936.5,  | 1590.1, | 0.0); | ( 389630.2, |
| 3826506.4,  | 933.2,     | 1590.1, | 0.0);   |       |             |
| ( 389611.5, | 3826490.3, | 932.2,  | 1590.1, | 0.0); | ( 389592.8, |
| 3826474.2,  | 932.4,     | 1590.1, | 0.0);   |       |             |
| ( 389574.1, | 3826458.1, | 934.2,  | 1590.1, | 0.0); | ( 389555.5, |
| 3826442.1,  | 936.6,     | 1590.1, | 0.0);   |       |             |
| ( 389536.8, | 3826426.0, | 939.5,  | 1590.1, | 0.0); | ( 389518.1, |
| 3826409.9,  | 942.0,     | 1590.1, | 0.0);   |       |             |
| ( 389499.4, | 3826393.8, | 946.4,  | 1590.1, | 0.0); | ( 389480.7, |
| 3826377.7,  | 953.2,     | 1590.1, | 0.0);   |       |             |
| ( 389462.0, | 3826361.6, | 960.6,  | 1590.1, | 0.0); | ( 389443.3, |
| 3826345.6,  | 968.3,     | 1590.1, | 0.0);   |       |             |
| ( 389424.6, | 3826329.5, | 972.0,  | 1590.1, | 0.0); | ( 389406.0, |
| 3826313.4,  | 974.3,     | 1590.1, | 0.0);   |       |             |
| ( 389387.3, | 3826297.3, | 972.9,  | 1590.1, | 0.0); | ( 389368.6, |
| 3826281.2,  | 973.4,     | 1590.1, | 0.0);   |       |             |
| ( 389349.9, | 3826265.2, | 974.8,  | 1590.1, | 0.0); | ( 389331.2, |
| 3826249.1,  | 975.5,     | 1590.1, | 0.0);   |       |             |
| ( 389312.5, | 3826233.0, | 972.3,  | 1590.1, | 0.0); | ( 389293.8, |
| 3826216.9,  | 966.4,     | 1590.1, | 0.0);   |       |             |
| ( 389275.1, | 3826200.8, | 958.6,  | 1590.1, | 0.0); | ( 389256.5, |
| 3826184.8,  | 952.7,     | 1590.1, | 0.0);   |       |             |
| ( 389237.8, | 3826168.7, | 952.0,  | 1590.1, | 0.0); | ( 389219.1, |
| 3826152.6,  | 951.0,     | 1590.1, | 0.0);   |       |             |
| ( 389200.4, | 3826136.5, | 949.1,  | 1590.1, | 0.0); | ( 389181.7, |
| 3826120.4,  | 948.7,     | 1590.1, | 0.0);   |       |             |
| ( 389163.0, | 3826104.4, | 950.3,  | 1590.1, | 0.0); | ( 389144.3, |
| 3826088.3,  | 953.2,     | 1590.1, | 0.0);   |       |             |
| ( 389032.2, | 3825991.8, | 985.5,  | 1590.1, | 0.0); | ( 389013.5, |
| 3825975.7,  | 979.0,     | 1590.1, | 0.0);   |       |             |
| ( 388994.8, | 3825959.6, | 970.3,  | 1590.1, | 0.0); | ( 388976.1, |
| 3825943.5,  | 965.3,     | 1590.1, | 0.0);   |       |             |
| ( 388957.5, | 3825927.5, | 963.9,  | 1590.1, | 0.0); | ( 388938.8, |
| 3825911.4,  | 964.3,     | 1590.1, | 0.0);   |       |             |
| ( 388920.1, | 3825895.3, | 965.6,  | 1590.1, | 0.0); | ( 388901.4, |

```

3825879.2, 967.3, 1590.1, 0.0);
 (388882.7, 3825863.1, 970.3, 1590.1, 0.0); (388864.0,
3825847.1, 975.4, 1590.1, 0.0);
 (388845.3, 3825831.0, 982.2, 1590.1, 0.0); (388826.6,
3825814.9, 985.4, 1590.1, 0.0);
 (388808.0, 3825798.8, 985.8, 1590.1, 0.0); (388789.3,
3825782.7, 984.9, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 87

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (388770.6, 3825766.7, 983.3, 1590.1, 0.0); (388751.9,
3825750.6, 984.4, 1590.1, 0.0);
 (388733.2, 3825734.5, 986.7, 1590.1, 0.0); (388714.5,
3825718.4, 995.6, 1590.1, 0.0);
 (388695.8, 3825702.3, 1005.0, 1590.1, 0.0); (388677.1,
3825686.2, 1013.3, 1590.1, 0.0);
 (388658.5, 3825670.2, 1019.4, 1590.1, 0.0); (388639.8,
3825654.1, 1020.4, 1590.1, 0.0);
 (388621.1, 3825638.0, 1019.7, 1590.1, 0.0); (388602.4,
3825621.9, 1016.2, 1590.1, 0.0);
 (388583.7, 3825605.8, 1012.5, 1590.1, 0.0); (388565.0,
3825589.8, 1009.2, 1590.1, 0.0);
 (388546.3, 3825573.7, 1005.2, 1590.1, 0.0); (388527.6,
3825557.6, 999.6, 1590.1, 0.0);
 (388509.0, 3825541.5, 997.8, 1590.1, 0.0); (388490.3,
3825525.4, 997.5, 1590.1, 0.0);
 (388471.6, 3825509.4, 999.4, 1590.1, 0.0); (388452.9,
3825493.3, 999.4, 1590.1, 0.0);
 (388434.2, 3825477.2, 1001.2, 1590.1, 0.0); (388415.5,
3825461.1, 1002.0, 1590.1, 0.0);
 (388396.8, 3825445.0, 1003.5, 1590.1, 0.0); (388378.1,
3825428.9, 1004.9, 1590.1, 0.0);
 (388359.5, 3825412.9, 1006.7, 1590.1, 0.0); (388340.8,
3825396.8, 1009.2, 1590.1, 0.0);
 (388322.1, 3825380.7, 1015.3, 1590.1, 0.0); (388303.4,
3825364.6, 1022.4, 1590.1, 0.0);
 (388284.7, 3825348.5, 1029.1, 1590.1, 0.0); (388266.0,
3825332.5, 1033.8, 1590.1, 0.0);
 (388247.3, 3825316.4, 1037.2, 1590.1, 0.0); (388228.6,
3825300.3, 1040.5, 1590.1, 0.0);
 (388210.0, 3825284.2, 1043.0, 1590.1, 0.0); (388191.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825268.1,  | 1044.9,    | 1590.1, | 0.0);   |       |             |
| ( 388172.6, | 3825252.1, | 1047.2, | 1590.1, | 0.0); | ( 388153.9, |
| 3825236.0,  | 1052.4,    | 1590.1, | 0.0);   |       |             |
| ( 388135.2, | 3825219.9, | 1058.2, | 1590.1, | 0.0); | ( 388116.5, |
| 3825203.8,  | 1064.7,    | 1590.1, | 0.0);   |       |             |
| ( 388097.8, | 3825187.7, | 1070.6, | 1590.1, | 0.0); | ( 388079.1, |
| 3825171.7,  | 1072.8,    | 1590.1, | 0.0);   |       |             |
| ( 388060.5, | 3825155.6, | 1074.5, | 1590.1, | 0.0); | ( 388041.8, |
| 3825139.5,  | 1077.5,    | 1590.1, | 0.0);   |       |             |
| ( 388023.1, | 3825123.4, | 1084.1, | 1590.1, | 0.0); | ( 388004.4, |
| 3825107.3,  | 1091.6,    | 1590.1, | 0.0);   |       |             |
| ( 387985.7, | 3825091.2, | 1098.9, | 1590.1, | 0.0); | ( 387967.0, |
| 3825075.2,  | 1103.8,    | 1590.1, | 0.0);   |       |             |
| ( 387948.3, | 3825059.1, | 1108.2, | 1590.1, | 0.0); | ( 387929.6, |
| 3825043.0,  | 1112.4,    | 1590.1, | 0.0);   |       |             |
| ( 387911.0, | 3825026.9, | 1116.4, | 1590.1, | 0.0); | ( 387892.3, |
| 3825010.8,  | 1120.0,    | 1590.1, | 0.0);   |       |             |
| ( 387873.6, | 3824994.8, | 1124.5, | 1590.1, | 0.0); | ( 387854.9, |
| 3824978.7,  | 1128.5,    | 1590.1, | 0.0);   |       |             |
| ( 387836.2, | 3824962.6, | 1129.9, | 1590.1, | 0.0); | ( 387817.5, |
| 3824946.5,  | 1131.5,    | 1590.1, | 0.0);   |       |             |
| ( 387798.8, | 3824930.4, | 1138.5, | 1590.1, | 0.0); | ( 387780.1, |
| 3824914.4,  | 1145.5,    | 1590.1, | 0.0);   |       |             |
| ( 387761.5, | 3824898.3, | 1151.0, | 1590.1, | 0.0); | ( 387742.8, |
| 3824882.2,  | 1157.2,    | 1590.1, | 0.0);   |       |             |
| ( 387724.1, | 3824866.1, | 1164.4, | 1590.1, | 0.0); | ( 387705.4, |
| 3824850.0,  | 1167.1,    | 1590.1, | 0.0);   |       |             |
| ( 387686.7, | 3824834.0, | 1161.8, | 1590.1, | 0.0); | ( 387668.0, |
| 3824817.9,  | 1161.5,    | 1590.1, | 0.0);   |       |             |
| ( 387649.3, | 3824801.8, | 1167.9, | 1590.1, | 0.0); | ( 387630.6, |
| 3824785.7,  | 1175.7,    | 1590.1, | 0.0);   |       |             |
| ( 387612.0, | 3824769.6, | 1179.8, | 1590.1, | 0.0); | ( 387593.3, |
| 3824753.5,  | 1183.5,    | 1590.1, | 0.0);   |       |             |
| ( 387574.6, | 3824737.5, | 1188.7, | 1590.1, | 0.0); | ( 387555.9, |
| 3824721.4,  | 1193.8,    | 1590.1, | 0.0);   |       |             |
| ( 387537.2, | 3824705.3, | 1196.3, | 1590.1, | 0.0); | ( 387518.5, |
| 3824689.2,  | 1195.1,    | 1590.1, | 0.0);   |       |             |
| ( 387499.8, | 3824673.1, | 1191.7, | 1590.1, | 0.0); | ( 387481.1, |
| 3824657.1,  | 1185.0,    | 1590.1, | 0.0);   |       |             |
| ( 387462.5, | 3824641.0, | 1178.4, | 1590.1, | 0.0); | ( 387443.8, |
| 3824624.9,  | 1178.8,    | 1590.1, | 0.0);   |       |             |
| ( 387425.1, | 3824608.8, | 1180.0, | 1590.1, | 0.0); | ( 387406.4, |
| 3824592.7,  | 1186.2,    | 1590.1, | 0.0);   |       |             |
| ( 387387.7, | 3824576.7, | 1192.8, | 1590.1, | 0.0); | ( 387369.0, |
| 3824560.6,  | 1200.2,    | 1590.1, | 0.0);   |       |             |
| ( 387350.3, | 3824544.5, | 1205.4, | 1590.1, | 0.0); | ( 387331.6, |
| 3824528.4,  | 1210.2,    | 1590.1, | 0.0);   |       |             |
| ( 387313.0, | 3824512.3, | 1216.6, | 1590.1, | 0.0); | ( 387294.3, |
| 3824496.3,  | 1223.9,    | 1590.1, | 0.0);   |       |             |
| ( 387275.6, | 3824480.2, | 1228.1, | 1590.1, | 0.0); | ( 387256.9, |

```

3824464.1, 1226.5, 1590.1, 0.0);
(387238.2, 3824448.0, 1223.2, 1590.1, 0.0); (387219.5,
3824431.9, 1222.7, 1590.1, 0.0);
(387200.8, 3824415.8, 1230.9, 1590.1, 0.0); (387182.1,
3824399.8, 1240.2, 1590.1, 0.0);
(387163.5, 3824383.7, 1243.1, 1590.1, 0.0); (387144.8,
3824367.6, 1237.8, 1590.1, 0.0);
(387126.1, 3824351.5, 1228.9, 1590.1, 0.0); (387107.4,
3824335.4, 1221.5, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 88

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(387088.7, 3824319.4, 1213.8, 1590.1, 0.0); (387070.0,
3824303.3, 1206.6, 1590.1, 0.0);
(387051.3, 3824287.2, 1198.9, 1590.1, 0.0); (387032.6,
3824271.1, 1193.1, 1590.1, 0.0);
(387014.0, 3824255.0, 1194.2, 1590.1, 0.0); (386995.3,
3824239.0, 1208.3, 1590.1, 0.0);
(386976.6, 3824222.9, 1225.2, 1590.1, 0.0); (386957.9,
3824206.8, 1241.8, 1590.1, 0.0);
(386939.2, 3824190.7, 1254.1, 1590.1, 0.0); (386920.5,
3824174.6, 1262.8, 1590.1, 0.0);
(386901.8, 3824158.5, 1270.0, 1590.1, 0.0); (386883.1,
3824142.5, 1274.1, 1590.1, 0.0);
(386864.5, 3824126.4, 1277.3, 1590.1, 0.0); (386845.8,
3824110.3, 1275.4, 1590.1, 0.0);
(386827.1, 3824094.2, 1273.0, 1590.1, 0.0); (386808.4,
3824078.1, 1273.2, 1590.1, 0.0);
(386789.7, 3824062.1, 1278.2, 1590.1, 0.0); (386771.0,
3824046.0, 1286.9, 1590.1, 0.0);
(386752.3, 3824029.9, 1295.5, 1590.1, 0.0); (386733.6,
3824013.8, 1306.0, 1590.1, 0.0);
(386715.0, 3823997.7, 1317.2, 1590.1, 0.0); (386696.3,
3823981.7, 1329.6, 1590.1, 0.0);
(386677.6, 3823965.6, 1343.0, 1590.1, 0.0); (386658.9,
3823949.5, 1354.8, 1590.1, 0.0);
(386640.2, 3823933.4, 1362.7, 1590.1, 0.0); (386621.5,
3823917.3, 1366.6, 1590.1, 0.0);
(386602.8, 3823901.3, 1366.6, 1590.1, 0.0); (386584.1,
3823885.2, 1366.8, 1590.1, 0.0);
(386565.5, 3823869.1, 1365.8, 1590.1, 0.0); (386546.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823853.0,  | 1363.8,    | 1590.1, | 0.0);   |       |             |
| ( 386528.1, | 3823836.9, | 1359.3, | 1590.1, | 0.0); | ( 386509.4, |
| 3823820.8,  | 1353.1,    | 1590.1, | 0.0);   |       |             |
| ( 386490.7, | 3823804.8, | 1343.2, | 1590.1, | 0.0); | ( 386472.0, |
| 3823788.7,  | 1335.9,    | 1590.1, | 0.0);   |       |             |
| ( 386453.3, | 3823772.6, | 1343.4, | 1590.1, | 0.0); | ( 386434.6, |
| 3823756.5,  | 1353.5,    | 1590.1, | 0.0);   |       |             |
| ( 386416.0, | 3823740.4, | 1361.8, | 1590.1, | 0.0); | ( 386397.3, |
| 3823724.4,  | 1366.9,    | 1590.1, | 0.0);   |       |             |
| ( 386378.6, | 3823708.3, | 1371.2, | 1590.1, | 0.0); | ( 386359.9, |
| 3823692.2,  | 1377.9,    | 1590.1, | 0.0);   |       |             |
| ( 386341.2, | 3823676.1, | 1385.6, | 1590.1, | 0.0); | ( 386322.5, |
| 3823660.0,  | 1401.0,    | 1590.1, | 0.0);   |       |             |
| ( 386303.8, | 3823644.0, | 1416.9, | 1590.1, | 0.0); | ( 386285.1, |
| 3823627.9,  | 1432.7,    | 1590.1, | 0.0);   |       |             |
| ( 386266.5, | 3823611.8, | 1447.2, | 1590.1, | 0.0); | ( 386247.8, |
| 3823595.7,  | 1458.5,    | 1590.1, | 0.0);   |       |             |
| ( 386229.1, | 3823579.6, | 1467.7, | 1590.1, | 0.0); | ( 386210.4, |
| 3823563.6,  | 1474.8,    | 1590.1, | 0.0);   |       |             |
| ( 386191.7, | 3823547.5, | 1479.5, | 1590.1, | 0.0); | ( 386173.0, |
| 3823531.4,  | 1482.8,    | 1590.1, | 0.0);   |       |             |
| ( 386154.3, | 3823515.3, | 1485.0, | 1590.1, | 0.0); | ( 386135.6, |
| 3823499.2,  | 1482.5,    | 1590.1, | 0.0);   |       |             |
| ( 386117.0, | 3823483.1, | 1479.3, | 1590.1, | 0.0); | ( 386098.3, |
| 3823467.1,  | 1479.8,    | 1590.1, | 0.0);   |       |             |
| ( 386079.6, | 3823451.0, | 1484.5, | 1590.1, | 0.0); | ( 386060.9, |
| 3823434.9,  | 1493.3,    | 1590.1, | 0.0);   |       |             |
| ( 386042.2, | 3823418.8, | 1503.0, | 1590.1, | 0.0); | ( 386023.5, |
| 3823402.8,  | 1511.3,    | 1590.1, | 0.0);   |       |             |
| ( 386004.8, | 3823386.7, | 1517.7, | 1567.7, | 0.0); | ( 385986.1, |
| 3823370.6,  | 1522.8,    | 1531.9, | 0.0);   |       |             |
| ( 385967.5, | 3823354.5, | 1526.4, | 1530.0, | 0.0); | ( 385948.8, |
| 3823338.4,  | 1529.1,    | 1529.9, | 0.0);   |       |             |
| ( 385930.1, | 3823322.3, | 1530.3, | 1530.3, | 0.0); | ( 385911.4, |
| 3823306.3,  | 1530.3,    | 1530.3, | 0.0);   |       |             |
| ( 385892.7, | 3823290.2, | 1526.7, | 1531.9, | 0.0); | ( 385874.0, |
| 3823274.1,  | 1524.1,    | 1531.9, | 0.0);   |       |             |
| ( 385855.3, | 3823258.0, | 1520.0, | 1531.9, | 0.0); | ( 385836.6, |
| 3823241.9,  | 1517.2,    | 1531.9, | 0.0);   |       |             |
| ( 385818.0, | 3823225.9, | 1514.9, | 1531.9, | 0.0); | ( 385799.3, |
| 3823209.8,  | 1512.6,    | 1531.9, | 0.0);   |       |             |
| ( 385780.6, | 3823193.7, | 1508.0, | 1531.9, | 0.0); | ( 385761.9, |
| 3823177.6,  | 1502.3,    | 1531.9, | 0.0);   |       |             |
| ( 385743.2, | 3823161.5, | 1496.3, | 1566.9, | 0.0); | ( 385724.5, |
| 3823145.4,  | 1489.4,    | 1590.1, | 0.0);   |       |             |
| ( 385705.8, | 3823129.4, | 1481.9, | 1590.1, | 0.0); | ( 385687.1, |
| 3823113.3,  | 1474.3,    | 1590.1, | 0.0);   |       |             |
| ( 385668.5, | 3823097.2, | 1467.6, | 1590.1, | 0.0); | ( 385649.8, |
| 3823081.1,  | 1461.3,    | 1590.1, | 0.0);   |       |             |
| ( 385631.1, | 3823065.0, | 1455.8, | 1590.1, | 0.0); | ( 385612.4, |

```

3823049.0, 1448.7, 1590.1, 0.0);
 (385593.7, 3823032.9, 1442.5, 1590.1, 0.0); (385575.0,
3823016.8, 1436.6, 1590.1, 0.0);
 (385556.3, 3823000.7, 1431.5, 1590.1, 0.0); (385537.6,
3822984.6, 1422.6, 1590.1, 0.0);
 (385519.0, 3822968.6, 1413.9, 1590.1, 0.0); (385500.3,
3822952.5, 1403.8, 1590.1, 0.0);
 (385481.6, 3822936.4, 1393.6, 1590.1, 0.0); (391181.3,
3827841.1, 890.7, 1590.1, 0.0);
 (391204.1, 3827850.4, 897.0, 1590.1, 0.0); (391227.0,
3827859.6, 907.6, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 89

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395700.4, 3816918.5, 950.9, 1439.5, 0.0); (395721.0,
3816929.5, 952.1, 1439.5, 0.0);
 (395741.6, 3816940.4, 953.4, 1353.8, 0.0); (395762.2,
3816951.4, 954.8, 1353.8, 0.0);
 (395782.7, 3816962.4, 956.2, 1353.8, 0.0); (395803.3,
3816973.4, 957.4, 1353.8, 0.0);
 (395823.9, 3816984.3, 958.3, 1353.8, 0.0); (395844.5,
3816995.3, 959.6, 1353.8, 0.0);
 (395865.1, 3817006.3, 960.2, 1353.8, 0.0); (395885.6,
3817017.3, 961.0, 1353.8, 0.0);
 (395688.6, 3816940.5, 951.6, 1439.5, 0.0); (395709.2,
3816951.5, 952.9, 1439.5, 0.0);
 (395729.8, 3816962.5, 954.2, 1439.5, 0.0); (395750.4,
3816973.5, 955.4, 1353.8, 0.0);
 (395771.0, 3816984.4, 956.7, 1353.8, 0.0); (395791.6,
3816995.4, 957.8, 1353.8, 0.0);
 (395812.1, 3817006.4, 958.9, 1353.8, 0.0); (395832.7,
3817017.4, 959.8, 1353.8, 0.0);
 (395853.3, 3817028.3, 960.7, 1353.8, 0.0); (395873.9,
3817039.3, 961.9, 1353.8, 0.0);
 (395676.9, 3816962.6, 952.5, 1439.5, 0.0); (395697.5,
3816973.6, 953.7, 1439.5, 0.0);
 (395718.0, 3816984.5, 954.8, 1439.5, 0.0); (395738.6,
3816995.5, 955.8, 1439.5, 0.0);
 (395759.2, 3817006.5, 957.1, 1353.8, 0.0); (395779.8,
3817017.5, 958.3, 1353.8, 0.0);
 (395800.4, 3817028.5, 959.3, 1353.8, 0.0); (395821.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817039.4,  | 960.4,     | 1353.8, | 0.0);   |       |             |
| ( 395841.5, | 3817050.4, | 961.6,  | 1353.8, | 0.0); | ( 395862.1, |
| 3817061.4,  | 962.9,     | 1353.8, | 0.0);   |       |             |
| ( 395665.1, | 3816984.7, | 953.5,  | 1439.5, | 0.0); | ( 395685.7, |
| 3816995.6,  | 954.5,     | 1439.5, | 0.0);   |       |             |
| ( 395706.3, | 3817006.6, | 955.7,  | 1439.5, | 0.0); | ( 395726.9, |
| 3817017.6,  | 957.0,     | 1439.5, | 0.0);   |       |             |
| ( 395747.5, | 3817028.6, | 958.1,  | 1439.5, | 0.0); | ( 395768.0, |
| 3817039.5,  | 959.3,     | 1426.7, | 0.0);   |       |             |
| ( 395788.6, | 3817050.5, | 960.4,  | 1353.8, | 0.0); | ( 395809.2, |
| 3817061.5,  | 961.5,     | 1353.8, | 0.0);   |       |             |
| ( 395829.8, | 3817072.5, | 962.9,  | 1353.8, | 0.0); | ( 395850.3, |
| 3817083.4,  | 964.4,     | 1353.8, | 0.0);   |       |             |
| ( 395641.6, | 3817028.8, | 957.6,  | 1439.5, | 0.0); | ( 395662.2, |
| 3817039.8,  | 958.3,     | 1439.5, | 0.0);   |       |             |
| ( 395682.8, | 3817050.7, | 959.4,  | 1439.5, | 0.0); | ( 395703.3, |
| 3817061.7,  | 960.5,     | 1439.5, | 0.0);   |       |             |
| ( 395723.9, | 3817072.7, | 961.4,  | 1439.5, | 0.0); | ( 395744.5, |
| 3817083.7,  | 962.5,     | 1439.5, | 0.0);   |       |             |
| ( 395765.1, | 3817094.6, | 963.6,  | 1439.5, | 0.0); | ( 395785.7, |
| 3817105.6,  | 964.5,     | 1353.8, | 0.0);   |       |             |
| ( 395806.2, | 3817116.6, | 965.5,  | 1353.8, | 0.0); | ( 395826.8, |
| 3817127.6,  | 966.9,     | 1353.8, | 0.0);   |       |             |
| ( 395618.1, | 3817072.9, | 963.6,  | 1439.5, | 0.0); | ( 395638.6, |
| 3817083.9,  | 964.6,     | 1439.5, | 0.0);   |       |             |
| ( 395659.2, | 3817094.8, | 965.2,  | 1439.5, | 0.0); | ( 395679.8, |
| 3817105.8,  | 966.0,     | 1439.5, | 0.0);   |       |             |
| ( 395700.4, | 3817116.8, | 966.8,  | 1439.5, | 0.0); | ( 395721.0, |
| 3817127.8,  | 967.7,     | 1439.5, | 0.0);   |       |             |
| ( 395741.5, | 3817138.8, | 969.2,  | 1353.8, | 0.0); | ( 395762.1, |
| 3817149.7,  | 970.8,     | 1353.8, | 0.0);   |       |             |
| ( 395782.7, | 3817160.7, | 972.1,  | 1353.8, | 0.0); | ( 395803.3, |
| 3817171.7,  | 973.8,     | 1353.8, | 0.0);   |       |             |
| ( 395615.1, | 3817128.0, | 973.5,  | 1439.5, | 0.0); | ( 395635.7, |
| 3817139.0,  | 974.4,     | 1439.5, | 0.0);   |       |             |
| ( 395656.3, | 3817149.9, | 974.8,  | 1353.8, | 0.0); | ( 395676.9, |
| 3817160.9,  | 975.5,     | 1353.8, | 0.0);   |       |             |
| ( 395697.4, | 3817171.9, | 976.4,  | 1353.8, | 0.0); | ( 395718.0, |
| 3817182.9,  | 977.4,     | 1353.8, | 0.0);   |       |             |
| ( 395738.6, | 3817193.8, | 978.7,  | 1353.8, | 0.0); | ( 395759.2, |
| 3817204.8,  | 980.0,     | 1353.8, | 0.0);   |       |             |
| ( 395779.8, | 3817215.8, | 981.2,  | 1353.8, | 0.0); | ( 395591.6, |
| 3817172.1,  | 981.4,     | 1353.8, | 0.0);   |       |             |
| ( 395612.2, | 3817183.1, | 982.7,  | 1353.8, | 0.0); | ( 395632.8, |
| 3817194.1,  | 984.3,     | 1353.8, | 0.0);   |       |             |
| ( 395653.3, | 3817205.0, | 986.1,  | 1319.2, | 0.0); | ( 395673.9, |
| 3817216.0,  | 988.1,     | 1319.2, | 0.0);   |       |             |
| ( 395694.5, | 3817227.0, | 989.5,  | 1186.5, | 0.0); | ( 395715.1, |
| 3817238.0,  | 989.8,     | 1186.5, | 0.0);   |       |             |
| ( 395735.6, | 3817248.9, | 990.0,  | 1186.5, | 0.0); | ( 395756.2, |

```

3817259.9, 990.3, 1186.5, 0.0);
 (395568.1, 3817216.2, 989.4, 1186.5, 0.0); (395588.6,
3817227.2, 991.7, 1186.5, 0.0);
 (395609.2, 3817238.2, 994.4, 1186.5, 0.0); (395629.8,
3817249.1, 998.3, 1186.5, 0.0);
 (395650.4, 3817260.1, 1003.1, 1186.5, 0.0); (395671.0,
3817271.1, 1005.8, 1186.5, 0.0);
 (395691.5, 3817282.1, 1005.8, 1186.5, 0.0); (395712.1,
3817293.1, 1004.2, 1186.5, 0.0);
 (395732.7, 3817304.0, 1002.4, 1186.5, 0.0); (395521.0,
3817304.5, 1004.1, 1186.5, 0.0);
 (395541.6, 3817315.4, 1006.2, 1186.5, 0.0); (395562.2,
3817326.4, 1009.2, 1186.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 90

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395582.7, 3817337.4, 1013.7, 1186.5, 0.0); (395603.3,
3817348.4, 1020.8, 1186.5, 0.0);
 (395623.9, 3817359.3, 1029.4, 1186.5, 0.0); (395644.5,
3817370.3, 1036.1, 1186.5, 0.0);
 (395665.1, 3817381.3, 1037.4, 1186.5, 0.0); (395685.6,
3817392.3, 1034.4, 1186.5, 0.0);
 (395494.5, 3817403.7, 1026.4, 1186.5, 0.0); (395515.1,
3817414.6, 1028.9, 1186.5, 0.0);
 (395535.7, 3817425.6, 1030.9, 1186.5, 0.0); (395556.3,
3817436.6, 1034.3, 1186.5, 0.0);
 (395576.8, 3817447.6, 1041.2, 1186.5, 0.0); (395597.4,
3817458.5, 1051.5, 1186.5, 0.0);
 (395618.0, 3817469.5, 1062.0, 1186.5, 0.0); (395638.6,
3817480.5, 1067.8, 1186.5, 0.0);
 (395447.5, 3817491.9, 1053.6, 1186.5, 0.0); (395468.0,
3817502.9, 1060.3, 1186.5, 0.0);
 (395488.6, 3817513.9, 1065.8, 1186.5, 0.0); (395509.2,
3817524.8, 1069.1, 1186.5, 0.0);
 (395529.8, 3817535.8, 1069.8, 1186.5, 0.0); (395550.4,
3817546.8, 1071.3, 1186.5, 0.0);
 (395571.0, 3817557.8, 1073.6, 1186.5, 0.0); (395591.5,
3817568.7, 1077.3, 1186.5, 0.0);
 (395421.0, 3817591.1, 1055.9, 1186.5, 0.0); (395441.6,
3817602.1, 1059.0, 1186.5, 0.0);
 (395462.1, 3817613.1, 1062.2, 1186.5, 0.0); (395482.7,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817624.0,  | 1067.7,    | 1186.5, | 0.0);   |       |             |
| ( 395503.3, | 3817635.0, | 1074.7, | 1186.5, | 0.0); | ( 395523.9, |
| 3817646.0,  | 1085.5,    | 1186.5, | 0.0);   |       |             |
| ( 395544.5, | 3817657.0, | 1096.7, | 1185.7, | 0.0); | ( 395373.9, |
| 3817679.3,  | 1097.9,    | 1186.5, | 0.0);   |       |             |
| ( 395394.5, | 3817690.3, | 1103.1, | 1186.5, | 0.0); | ( 395415.1, |
| 3817701.3,  | 1107.4,    | 1185.7, | 0.0);   |       |             |
| ( 395435.7, | 3817712.3, | 1110.0, | 1185.7, | 0.0); | ( 395456.2, |
| 3817723.3,  | 1111.7,    | 1185.7, | 0.0);   |       |             |
| ( 395476.8, | 3817734.2, | 1113.3, | 1185.7, | 0.0); | ( 395497.4, |
| 3817745.2,  | 1114.7,    | 1185.7, | 0.0);   |       |             |
| ( 395276.9, | 3817910.9, | 1090.4, | 1186.5, | 0.0); | ( 395297.4, |
| 3817921.9,  | 1093.8,    | 1186.5, | 0.0);   |       |             |
| ( 395318.0, | 3817932.9, | 1096.5, | 1186.5, | 0.0); | ( 395338.6, |
| 3817943.8,  | 1099.7,    | 1186.5, | 0.0);   |       |             |
| ( 395359.2, | 3817954.8, | 1105.5, | 1186.5, | 0.0); | ( 395379.8, |
| 3817965.8,  | 1116.1,    | 1186.5, | 0.0);   |       |             |
| ( 395200.4, | 3818153.5, | 1104.8, | 1186.5, | 0.0); | ( 395221.0, |
| 3818164.4,  | 1113.9,    | 1186.5, | 0.0);   |       |             |
| ( 395241.5, | 3818175.4, | 1120.8, | 1186.5, | 0.0); | ( 395262.1, |
| 3818186.4,  | 1122.2,    | 1186.5, | 0.0);   |       |             |
| ( 394918.1, | 3818286.2, | 1143.2, | 1186.5, | 0.0); | ( 395000.4, |
| 3818330.1,  | 1134.2,    | 1186.5, | 0.0);   |       |             |
| ( 395103.3, | 3818385.0, | 1102.3, | 1439.5, | 0.0); | ( 395123.9, |
| 3818396.0,  | 1107.3,    | 1429.2, | 0.0);   |       |             |
| ( 395144.5, | 3818407.0, | 1113.3, | 1186.5, | 0.0); | ( 394800.4, |
| 3818506.8,  | 1094.3,    | 1439.5, | 0.0);   |       |             |
| ( 394821.0, | 3818517.8, | 1087.4, | 1439.5, | 0.0); | ( 394841.6, |
| 3818528.8,  | 1082.2,    | 1439.5, | 0.0);   |       |             |
| ( 395006.2, | 3818616.6, | 1080.7, | 1439.5, | 0.0); | ( 395026.8, |
| 3818627.6,  | 1084.0,    | 1439.5, | 0.0);   |       |             |
| ( 394565.1, | 3818948.0, | 1050.8, | 1439.5, | 0.0); | ( 394585.7, |
| 3818959.0,  | 1054.4,    | 1439.5, | 0.0);   |       |             |
| ( 394606.3, | 3818970.0, | 1059.2, | 1439.5, | 0.0); | ( 394626.9, |
| 3818980.9,  | 1064.0,    | 1439.5, | 0.0);   |       |             |
| ( 394647.5, | 3818991.9, | 1069.2, | 1439.5, | 0.0); | ( 394668.0, |
| 3819002.9,  | 1074.1,    | 1439.5, | 0.0);   |       |             |
| ( 394329.9, | 3819389.2, | 1158.6, | 1439.5, | 0.0); | ( 394350.4, |
| 3819400.2,  | 1156.5,    | 1439.5, | 0.0);   |       |             |
| ( 394371.0, | 3819411.1, | 1154.5, | 1439.5, | 0.0); | ( 394391.6, |
| 3819422.1,  | 1154.5,    | 1439.5, | 0.0);   |       |             |
| ( 394412.2, | 3819433.1, | 1156.1, | 1439.5, | 0.0); | ( 394432.8, |
| 3819444.1,  | 1157.8,    | 1439.5, | 0.0);   |       |             |
| ( 394453.3, | 3819455.0, | 1155.0, | 1439.5, | 0.0); | ( 394473.9, |
| 3819466.0,  | 1150.6,    | 1439.5, | 0.0);   |       |             |
| ( 394494.5, | 3819477.0, | 1144.1, | 1439.5, | 0.0); | ( 394094.6, |
| 3819830.4,  | 1167.2,    | 1439.5, | 0.0);   |       |             |
| ( 394115.1, | 3819841.3, | 1169.0, | 1439.5, | 0.0); | ( 394135.7, |
| 3819852.3,  | 1171.9,    | 1439.5, | 0.0);   |       |             |
| ( 394156.3, | 3819863.3, | 1173.2, | 1439.5, | 0.0); | ( 394176.9, |

```

3819874.3, 1170.8, 1439.5, 0.0);
(394197.5, 3819885.2, 1165.0, 1439.5, 0.0); (394218.0,
3819896.2, 1158.0, 1439.5, 0.0);
(394238.6, 3819907.2, 1150.4, 1439.5, 0.0); (394259.2,
3819918.2, 1143.4, 1439.5, 0.0);
(394279.8, 3819929.1, 1136.9, 1439.5, 0.0); (394300.4,
3819940.1, 1131.1, 1439.5, 0.0);
(394321.0, 3819951.1, 1127.8, 1439.5, 0.0); (393859.3,
3820271.5, 1192.4, 1439.5, 0.0);
(393879.8, 3820282.5, 1187.8, 1439.5, 0.0); (393900.4,
3820293.5, 1183.8, 1439.5, 0.0);
(393921.0, 3820304.5, 1180.1, 1439.5, 0.0); (393941.6,
3820315.4, 1177.5, 1439.5, 0.0);
(393962.2, 3820326.4, 1175.0, 1439.5, 0.0); (393982.8,
3820337.4, 1172.5, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 91

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(394003.3, 3820348.4, 1169.5, 1439.5, 0.0); (394023.9,
3820359.3, 1166.9, 1439.5, 0.0);
(394044.5, 3820370.3, 1165.8, 1439.5, 0.0); (394065.1,
3820381.3, 1166.4, 1439.5, 0.0);
(394085.7, 3820392.3, 1167.1, 1439.5, 0.0); (393231.8,
3821448.0, 1317.8, 1439.5, 0.0);
(393252.4, 3821459.0, 1326.3, 1439.5, 0.0); (393273.0,
3821470.0, 1330.1, 1439.5, 0.0);
(393293.6, 3821480.9, 1327.8, 1439.5, 0.0); (393314.1,
3821491.9, 1325.2, 1439.5, 0.0);
(393334.7, 3821502.9, 1325.8, 1439.5, 0.0); (393355.3,
3821513.9, 1327.6, 1439.5, 0.0);
(393375.9, 3821524.8, 1326.4, 1439.5, 0.0); (393396.5,
3821535.8, 1325.9, 1439.5, 0.0);
(393417.0, 3821546.8, 1328.7, 1439.5, 0.0); (393437.6,
3821557.8, 1335.7, 1439.5, 0.0);
(393458.2, 3821568.8, 1344.0, 1439.5, 0.0); (392604.4,
3822624.5, 1165.7, 1529.1, 0.0);
(392625.0, 3822635.5, 1165.5, 1526.7, 0.0); (392645.5,
3822646.4, 1166.5, 1525.3, 0.0);
(392666.1, 3822657.4, 1162.5, 1525.3, 0.0); (392686.7,
3822668.4, 1155.5, 1529.1, 0.0);
(392707.3, 3822679.4, 1149.5, 1529.1, 0.0); (392727.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822690.3,  | 1144.6,    | 1580.7, | 0.0);   |       |             |
| ( 392748.5, | 3822701.3, | 1141.8, | 1582.1, | 0.0); | ( 392769.0, |
| 3822712.3,  | 1140.0,    | 1580.7, | 0.0);   |       |             |
| ( 392789.6, | 3822723.3, | 1137.6, | 1582.1, | 0.0); | ( 392810.2, |
| 3822734.2,  | 1134.1,    | 1584.3, | 0.0);   |       |             |
| ( 392830.8, | 3822745.2, | 1130.8, | 1585.1, | 0.0); | ( 391976.9, |
| 3823801.0,  | 1040.9,    | 1590.1, | 0.0);   |       |             |
| ( 391997.5, | 3823811.9, | 1036.9, | 1590.1, | 0.0); | ( 392018.1, |
| 3823822.9,  | 1033.1,    | 1590.1, | 0.0);   |       |             |
| ( 392038.7, | 3823833.9, | 1029.5, | 1590.1, | 0.0); | ( 392059.3, |
| 3823844.9,  | 1025.3,    | 1590.1, | 0.0);   |       |             |
| ( 392079.8, | 3823855.8, | 1020.3, | 1590.1, | 0.0); | ( 392100.4, |
| 3823866.8,  | 1017.3,    | 1590.1, | 0.0);   |       |             |
| ( 392121.0, | 3823877.8, | 1015.0, | 1590.1, | 0.0); | ( 392141.6, |
| 3823888.8,  | 1013.1,    | 1590.1, | 0.0);   |       |             |
| ( 392162.2, | 3823899.7, | 1011.5, | 1590.1, | 0.0); | ( 392182.7, |
| 3823910.7,  | 1010.3,    | 1590.1, | 0.0);   |       |             |
| ( 392203.3, | 3823921.7, | 1011.8, | 1590.1, | 0.0); | ( 391349.5, |
| 3824977.4,  | 994.3,     | 1590.1, | 0.0);   |       |             |
| ( 391370.1, | 3824988.4, | 988.0,  | 1590.1, | 0.0); | ( 391390.6, |
| 3824999.4,  | 985.4,     | 1590.1, | 0.0);   |       |             |
| ( 391411.2, | 3825010.4, | 983.6,  | 1590.1, | 0.0); | ( 391431.8, |
| 3825021.3,  | 980.7,     | 1590.1, | 0.0);   |       |             |
| ( 391452.4, | 3825032.3, | 974.4,  | 1590.1, | 0.0); | ( 391473.0, |
| 3825043.3,  | 967.6,     | 1590.1, | 0.0);   |       |             |
| ( 391493.5, | 3825054.3, | 963.0,  | 1590.1, | 0.0); | ( 391514.1, |
| 3825065.2,  | 961.7,     | 1590.1, | 0.0);   |       |             |
| ( 391534.7, | 3825076.2, | 961.1,  | 1590.1, | 0.0); | ( 391555.3, |
| 3825087.2,  | 961.7,     | 1590.1, | 0.0);   |       |             |
| ( 391575.9, | 3825098.2, | 963.3,  | 1590.1, | 0.0); | ( 390722.0, |
| 3826153.9,  | 912.2,     | 1590.1, | 0.0);   |       |             |
| ( 390742.6, | 3826164.9, | 911.3,  | 1590.1, | 0.0); | ( 390763.2, |
| 3826175.9,  | 910.2,     | 1590.1, | 0.0);   |       |             |
| ( 390783.8, | 3826186.8, | 909.1,  | 1590.1, | 0.0); | ( 390804.4, |
| 3826197.8,  | 908.0,     | 1590.1, | 0.0);   |       |             |
| ( 390825.0, | 3826208.8, | 907.5,  | 1590.1, | 0.0); | ( 390845.5, |
| 3826219.8,  | 907.9,     | 1590.1, | 0.0);   |       |             |
| ( 390866.1, | 3826230.7, | 908.0,  | 1590.1, | 0.0); | ( 390886.7, |
| 3826241.7,  | 907.4,     | 1590.1, | 0.0);   |       |             |
| ( 390907.3, | 3826252.7, | 906.2,  | 1590.1, | 0.0); | ( 390927.8, |
| 3826263.7,  | 904.6,     | 1590.1, | 0.0);   |       |             |
| ( 390948.4, | 3826274.6, | 903.7,  | 1590.1, | 0.0); | ( 390094.6, |
| 3827330.4,  | 920.4,     | 1590.1, | 0.0);   |       |             |
| ( 390115.2, | 3827341.3, | 920.5,  | 1590.1, | 0.0); | ( 390135.8, |
| 3827352.3,  | 920.3,     | 1590.1, | 0.0);   |       |             |
| ( 390156.3, | 3827363.3, | 919.6,  | 1590.1, | 0.0); | ( 390176.9, |
| 3827374.3,  | 918.7,     | 1590.1, | 0.0);   |       |             |
| ( 390197.5, | 3827385.3, | 918.0,  | 1590.1, | 0.0); | ( 390218.1, |
| 3827396.2,  | 918.1,     | 1590.1, | 0.0);   |       |             |
| ( 390238.7, | 3827407.2, | 917.8,  | 1590.1, | 0.0); | ( 390259.2, |

```

3827418.2, 915.6, 1590.1, 0.0);
 (390279.8, 3827429.2, 913.4, 1590.1, 0.0); (390300.4,
3827440.1, 913.4, 1590.1, 0.0);
 (390321.0, 3827451.1, 914.2, 1590.1, 0.0); (395912.7,
3817026.0, 961.3, 1353.8, 0.0);
 (395935.4, 3817033.0, 960.1, 1353.8, 0.0); (395958.0,
3817039.9, 958.6, 1353.8, 0.0);
 (395905.4, 3817049.9, 963.3, 1353.8, 0.0); (395928.1,
3817056.9, 963.8, 1353.8, 0.0);
 (395950.7, 3817063.8, 962.1, 1353.8, 0.0); (395898.1,
3817073.8, 965.0, 1353.8, 0.0);
 (395920.8, 3817080.8, 965.6, 1353.8, 0.0); (395943.4,
3817087.7, 963.1, 1353.8, 0.0);
 (395890.8, 3817097.8, 966.6, 1353.8, 0.0); (395913.5,
3817104.7, 967.1, 1353.8, 0.0);
 (395936.1, 3817111.6, 966.3, 1353.8, 0.0); (395853.6,
3817138.7, 968.1, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 92

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395876.2, 3817145.6, 968.7, 1353.8, 0.0); (395898.8,
3817152.5, 969.8, 1353.8, 0.0);
 (395921.5, 3817159.4, 970.6, 1353.8, 0.0); (395839.0,
3817186.5, 976.1, 1353.8, 0.0);
 (395861.6, 3817193.4, 976.7, 1353.8, 0.0); (395884.2,
3817200.3, 977.2, 1353.8, 0.0);
 (395906.9, 3817207.2, 977.2, 1353.8, 0.0); (395809.5,
3817228.1, 982.4, 1353.8, 0.0);
 (395847.0, 3817241.2, 983.2, 1353.8, 0.0); (395869.6,
3817248.1, 983.1, 1353.8, 0.0);
 (395892.2, 3817255.0, 983.0, 1353.8, 0.0); (395791.9,
3817274.7, 990.8, 1186.5, 0.0);
 (395832.4, 3817289.0, 990.6, 1186.5, 0.0); (395855.0,
3817295.9, 989.6, 1186.5, 0.0);
 (395877.6, 3817302.9, 988.8, 1186.5, 0.0); (395774.3,
3817321.3, 1000.3, 1186.5, 0.0);
 (395795.1, 3817329.9, 999.9, 1186.5, 0.0); (395817.7,
3817336.8, 998.8, 1186.5, 0.0);
 (395840.4, 3817343.8, 997.4, 1186.5, 0.0); (395863.0,
3817350.7, 995.8, 1186.5, 0.0);
 (395745.8, 3817417.2, 1022.2, 1186.5, 0.0); (395788.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817432.5,  | 1020.2,    | 1186.5, | 0.0);   |       |             |
| ( 395811.1, | 3817439.4, | 1017.7, | 1186.5, | 0.0); | ( 395833.8, |
| 3817446.3,  | 1013.7,    | 1186.5, | 0.0);   |       |             |
| ( 395717.0, | 3817513.0, | 1056.0, | 1186.5, | 0.0); | ( 395677.8, |
| 3817496.8,  | 1061.4,    | 1186.5, | 0.0);   |       |             |
| ( 395759.3, | 3817528.1, | 1044.8, | 1186.5, | 0.0); | ( 395781.9, |
| 3817535.0,  | 1037.6,    | 1186.5, | 0.0);   |       |             |
| ( 395804.6, | 3817541.9, | 1031.6, | 1186.5, | 0.0); | ( 395688.1, |
| 3817608.8,  | 1075.1,    | 1186.5, | 0.0);   |       |             |
| ( 395649.5, | 3817592.8, | 1086.9, | 1185.7, | 0.0); | ( 395730.0, |
| 3817623.7,  | 1057.9,    | 1186.5, | 0.0);   |       |             |
| ( 395752.7, | 3817630.7, | 1049.8, | 1186.5, | 0.0); | ( 395775.3, |
| 3817637.6,  | 1043.6,    | 1186.5, | 0.0);   |       |             |
| ( 395659.1, | 3817704.5, | 1079.5, | 1186.5, | 0.0); | ( 395620.9, |
| 3817688.7,  | 1096.5,    | 1185.7, | 0.0);   |       |             |
| ( 395582.7, | 3817672.8, | 1109.9, | 1185.7, | 0.0); | ( 395700.8, |
| 3817719.4,  | 1069.1,    | 1186.5, | 0.0);   |       |             |
| ( 395723.5, | 3817726.3, | 1064.6, | 1186.5, | 0.0); | ( 395746.1, |
| 3817733.2,  | 1058.9,    | 1186.5, | 0.0);   |       |             |
| ( 395627.3, | 3817799.1, | 1112.0, | 1185.7, | 0.0); | ( 395605.6, |
| 3817790.1,  | 1121.7,    | 1185.7, | 0.0);   |       |             |
| ( 395584.0, | 3817781.1, | 1129.9, | 1185.7, | 0.0); | ( 395562.4, |
| 3817772.2,  | 1133.1,    | 1185.7, | 0.0);   |       |             |
| ( 395540.7, | 3817763.2, | 1128.4, | 1185.7, | 0.0); | ( 395519.1, |
| 3817754.2,  | 1120.4,    | 1185.7, | 0.0);   |       |             |
| ( 395649.0, | 3817808.1, | 1099.3, | 1185.7, | 0.0); | ( 395671.6, |
| 3817815.0,  | 1087.1,    | 1186.5, | 0.0);   |       |             |
| ( 395694.2, | 3817821.9, | 1076.3, | 1186.5, | 0.0); | ( 395716.9, |
| 3817828.8,  | 1067.8,    | 1186.5, | 0.0);   |       |             |
| ( 395554.1, | 3818038.1, | 1179.5, | 1185.7, | 0.0); | ( 395532.3, |
| 3818029.1,  | 1181.6,    | 1181.6, | 0.0);   |       |             |
| ( 395510.5, | 3818020.0, | 1181.1, | 1181.1, | 0.0); | ( 395488.7, |
| 3818011.0,  | 1175.9,    | 1185.7, | 0.0);   |       |             |
| ( 395466.9, | 3818002.0, | 1166.7, | 1185.7, | 0.0); | ( 395445.1, |
| 3817992.9,  | 1154.5,    | 1185.7, | 0.0);   |       |             |
| ( 395423.3, | 3817983.9, | 1140.8, | 1185.7, | 0.0); | ( 395401.6, |
| 3817974.8,  | 1128.2,    | 1185.7, | 0.0);   |       |             |
| ( 395575.9, | 3818047.2, | 1174.6, | 1185.7, | 0.0); | ( 395598.5, |
| 3818054.1,  | 1165.4,    | 1185.7, | 0.0);   |       |             |
| ( 395621.2, | 3818061.0, | 1152.9, | 1185.7, | 0.0); | ( 395643.8, |
| 3818067.9,  | 1139.5,    | 1185.7, | 0.0);   |       |             |
| ( 395482.7, | 3818277.9, | 1090.7, | 1186.5, | 0.0); | ( 395442.6, |
| 3818261.3,  | 1098.0,    | 1186.5, | 0.0);   |       |             |
| ( 395402.5, | 3818244.6, | 1104.0, | 1186.5, | 0.0); | ( 395362.4, |
| 3818228.0,  | 1104.7,    | 1186.5, | 0.0);   |       |             |
| ( 395322.3, | 3818211.3, | 1111.8, | 1186.5, | 0.0); | ( 395525.4, |
| 3818293.2,  | 1098.5,    | 1186.5, | 0.0);   |       |             |
| ( 395548.1, | 3818300.1, | 1101.2, | 1186.5, | 0.0); | ( 395570.7, |
| 3818307.0,  | 1100.3,    | 1186.5, | 0.0);   |       |             |
| ( 395409.3, | 3818516.9, | 1076.5, | 1439.5, | 0.0); | ( 395368.6, |

```

3818500.0, 1078.5, 1439.5, 0.0);
(395327.8, 3818483.1, 1084.6, 1439.5, 0.0); (395287.1,
3818466.1, 1091.8, 1439.5, 0.0);
(395246.3, 3818449.2, 1099.4, 1439.5, 0.0); (395205.6,
3818432.3, 1106.6, 1186.5, 0.0);
(395452.4, 3818532.2, 1078.0, 1439.5, 0.0); (395475.0,
3818539.2, 1078.0, 1439.5, 0.0);
(395497.6, 3818546.1, 1078.7, 1439.5, 0.0); (395336.0,
3818755.9, 1075.3, 1439.5, 0.0);
(395294.8, 3818738.8, 1069.5, 1439.5, 0.0); (395253.6,
3818721.6, 1065.5, 1439.5, 0.0);
(395212.3, 3818704.5, 1066.1, 1439.5, 0.0); (395171.1,
3818687.4, 1070.2, 1439.5, 0.0);
(395129.9, 3818670.3, 1076.0, 1439.5, 0.0); (395088.7,
3818653.2, 1080.4, 1439.5, 0.0);
(395379.3, 3818771.3, 1080.2, 1439.5, 0.0); (395401.9,
3818778.2, 1081.3, 1439.5, 0.0);
(395424.6, 3818785.2, 1079.9, 1439.5, 0.0); (395189.5,
3819233.9, 1075.6, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 93

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395168.6, 3819225.2, 1072.6, 1439.5, 0.0); (395147.6,
3819216.5, 1070.8, 1439.5, 0.0);
(395126.7, 3819207.8, 1069.6, 1439.5, 0.0); (395105.8,
3819199.1, 1068.9, 1439.5, 0.0);
(395084.8, 3819190.4, 1069.2, 1439.5, 0.0); (395063.9,
3819181.7, 1071.0, 1439.5, 0.0);
(395042.9, 3819173.0, 1072.3, 1439.5, 0.0); (395022.0,
3819164.3, 1073.3, 1439.5, 0.0);
(395001.0, 3819155.7, 1073.5, 1439.5, 0.0); (394980.1,
3819147.0, 1073.2, 1439.5, 0.0);
(394959.1, 3819138.3, 1073.0, 1439.5, 0.0); (394938.2,
3819129.6, 1072.8, 1439.5, 0.0);
(394917.2, 3819120.9, 1072.7, 1439.5, 0.0); (394896.3,
3819112.2, 1072.5, 1439.5, 0.0);
(394875.3, 3819103.5, 1072.1, 1439.5, 0.0); (394854.4,
3819094.8, 1071.4, 1439.5, 0.0);
(394833.4, 3819086.1, 1070.5, 1439.5, 0.0); (394812.5,
3819077.4, 1070.5, 1439.5, 0.0);
(395210.5, 3819242.6, 1080.0, 1439.5, 0.0); (395233.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819249.5,  | 1082.7,    | 1439.5, | 0.0);   |       |             |
| ( 395255.8, | 3819256.4, | 1084.1, | 1439.5, | 0.0); | ( 395278.4, |
| 3819263.3,  | 1083.7,    | 1439.5, | 0.0);   |       |             |
| ( 395043.2, | 3819711.9, | 1121.1, | 1439.5, | 0.0); | ( 395022.0, |
| 3819703.2,  | 1118.0,    | 1439.5, | 0.0);   |       |             |
| ( 395000.8, | 3819694.4, | 1114.9, | 1439.5, | 0.0); | ( 394979.7, |
| 3819685.6,  | 1112.0,    | 1439.5, | 0.0);   |       |             |
| ( 394958.5, | 3819676.8, | 1109.1, | 1439.5, | 0.0); | ( 394937.3, |
| 3819668.0,  | 1106.0,    | 1439.5, | 0.0);   |       |             |
| ( 394916.1, | 3819659.2, | 1102.6, | 1439.5, | 0.0); | ( 394895.0, |
| 3819650.5,  | 1099.1,    | 1439.5, | 0.0);   |       |             |
| ( 394873.8, | 3819641.7, | 1095.9, | 1439.5, | 0.0); | ( 394852.6, |
| 3819632.9,  | 1093.4,    | 1439.5, | 0.0);   |       |             |
| ( 394831.5, | 3819624.1, | 1092.0, | 1439.5, | 0.0); | ( 394810.3, |
| 3819615.3,  | 1091.9,    | 1439.5, | 0.0);   |       |             |
| ( 394789.1, | 3819606.5, | 1093.5, | 1439.5, | 0.0); | ( 394768.0, |
| 3819597.8,  | 1095.1,    | 1439.5, | 0.0);   |       |             |
| ( 394746.8, | 3819589.0, | 1096.6, | 1439.5, | 0.0); | ( 394725.6, |
| 3819580.2,  | 1098.3,    | 1439.5, | 0.0);   |       |             |
| ( 394704.4, | 3819571.4, | 1100.2, | 1439.5, | 0.0); | ( 394683.3, |
| 3819562.6,  | 1102.2,    | 1439.5, | 0.0);   |       |             |
| ( 394662.1, | 3819553.8, | 1103.9, | 1439.5, | 0.0); | ( 394640.9, |
| 3819545.1,  | 1105.8,    | 1439.5, | 0.0);   |       |             |
| ( 394619.8, | 3819536.3, | 1108.1, | 1439.5, | 0.0); | ( 395064.3, |
| 3819720.7,  | 1124.6,    | 1439.5, | 0.0);   |       |             |
| ( 395087.0, | 3819727.7, | 1126.9, | 1439.5, | 0.0); | ( 395109.6, |
| 3819734.6,  | 1130.2,    | 1439.5, | 0.0);   |       |             |
| ( 395132.3, | 3819741.5, | 1134.2, | 1439.5, | 0.0); | ( 394896.9, |
| 3820190.0,  | 1117.8,    | 1439.5, | 0.0);   |       |             |
| ( 394875.5, | 3820181.2, | 1118.8, | 1439.5, | 0.0); | ( 394854.2, |
| 3820172.3,  | 1119.8,    | 1439.5, | 0.0);   |       |             |
| ( 394832.9, | 3820163.5, | 1120.4, | 1439.5, | 0.0); | ( 394811.5, |
| 3820154.6,  | 1120.6,    | 1439.5, | 0.0);   |       |             |
| ( 394790.2, | 3820145.8, | 1120.6, | 1439.5, | 0.0); | ( 394768.9, |
| 3820136.9,  | 1119.6,    | 1439.5, | 0.0);   |       |             |
| ( 394747.5, | 3820128.1, | 1119.6, | 1439.5, | 0.0); | ( 394726.2, |
| 3820119.2,  | 1120.5,    | 1439.5, | 0.0);   |       |             |
| ( 394704.9, | 3820110.4, | 1121.5, | 1439.5, | 0.0); | ( 394683.6, |
| 3820101.5,  | 1122.5,    | 1439.5, | 0.0);   |       |             |
| ( 394662.2, | 3820092.7, | 1123.4, | 1439.5, | 0.0); | ( 394640.9, |
| 3820083.8,  | 1123.7,    | 1439.5, | 0.0);   |       |             |
| ( 394619.6, | 3820075.0, | 1123.9, | 1439.5, | 0.0); | ( 394598.2, |
| 3820066.1,  | 1124.3,    | 1439.5, | 0.0);   |       |             |
| ( 394576.9, | 3820057.3, | 1124.7, | 1439.5, | 0.0); | ( 394555.6, |
| 3820048.4,  | 1124.8,    | 1439.5, | 0.0);   |       |             |
| ( 394534.2, | 3820039.6, | 1125.0, | 1439.5, | 0.0); | ( 394512.9, |
| 3820030.8,  | 1125.6,    | 1439.5, | 0.0);   |       |             |
| ( 394491.6, | 3820021.9, | 1126.1, | 1439.5, | 0.0); | ( 394470.3, |
| 3820013.0,  | 1126.3,    | 1439.5, | 0.0);   |       |             |
| ( 394448.9, | 3820004.2, | 1126.2, | 1439.5, | 0.0); | ( 394918.2, |

```

3820198.9, 1117.2, 1439.5, 0.0);
(394940.8, 3820205.8, 1116.7, 1439.5, 0.0); (394963.5,
3820212.7, 1116.5, 1439.5, 0.0);
(394986.1, 3820219.7, 1116.4, 1439.5, 0.0); (394750.6,
3820668.2, 1185.2, 1439.5, 0.0);
(394729.1, 3820659.3, 1185.8, 1439.5, 0.0); (394707.7,
3820650.4, 1186.5, 1439.5, 0.0);
(394686.2, 3820641.5, 1188.8, 1439.5, 0.0); (394664.8,
3820632.6, 1193.6, 1439.5, 0.0);
(394643.3, 3820623.7, 1197.0, 1439.5, 0.0); (394621.9,
3820614.8, 1198.3, 1439.5, 0.0);
(394600.4, 3820605.9, 1198.2, 1439.5, 0.0); (394579.0,
3820597.0, 1196.8, 1439.5, 0.0);
(394557.5, 3820588.1, 1195.8, 1439.5, 0.0); (394536.1,
3820579.2, 1195.6, 1439.5, 0.0);
(394514.6, 3820570.3, 1196.1, 1439.5, 0.0); (394493.2,
3820561.4, 1194.4, 1439.5, 0.0);
(394471.8, 3820552.5, 1191.0, 1439.5, 0.0); (394450.3,
3820543.6, 1186.3, 1439.5, 0.0);
(394428.8, 3820534.7, 1181.2, 1439.5, 0.0); (394407.4,
3820525.8, 1175.7, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 94

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394386.0, 3820516.9, 1169.8, 1439.5, 0.0); (394364.5,
3820508.0, 1164.8, 1439.5, 0.0);
(394343.0, 3820499.1, 1162.2, 1439.5, 0.0); (394321.6,
3820490.2, 1161.5, 1439.5, 0.0);
(394300.1, 3820481.3, 1162.1, 1439.5, 0.0); (394278.7,
3820472.4, 1163.3, 1439.5, 0.0);
(394257.3, 3820463.5, 1164.5, 1439.5, 0.0); (394128.6,
3820410.1, 1166.7, 1439.5, 0.0);
(394107.1, 3820401.2, 1167.1, 1439.5, 0.0); (394772.0,
3820677.1, 1183.5, 1439.5, 0.0);
(394794.7, 3820684.0, 1179.9, 1439.5, 0.0); (394817.3,
3820690.9, 1176.8, 1439.5, 0.0);
(394840.0, 3820697.8, 1175.1, 1439.5, 0.0); (394360.8,
3821943.2, 1235.4, 1439.5, 0.0);
(394339.3, 3821934.3, 1232.9, 1439.5, 0.0); (394317.8,
3821925.4, 1238.4, 1439.5, 0.0);
(394296.3, 3821916.5, 1251.3, 1439.5, 0.0); (394274.8,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821907.6,  | 1263.8,    | 1439.5, | 0.0);   |       |             |
| ( 394253.4, | 3821898.7, | 1275.2, | 1439.5, | 0.0); | ( 394231.9, |
| 3821889.8,  | 1285.0,    | 1439.5, | 0.0);   |       |             |
| ( 394210.4, | 3821880.8, | 1289.3, | 1439.5, | 0.0); | ( 394188.9, |
| 3821871.9,  | 1286.6,    | 1439.5, | 0.0);   |       |             |
| ( 394167.4, | 3821863.0, | 1279.8, | 1439.5, | 0.0); | ( 394145.9, |
| 3821854.1,  | 1273.3,    | 1439.5, | 0.0);   |       |             |
| ( 394124.4, | 3821845.2, | 1269.6, | 1439.5, | 0.0); | ( 394102.9, |
| 3821836.2,  | 1272.6,    | 1439.5, | 0.0);   |       |             |
| ( 394081.4, | 3821827.3, | 1276.5, | 1439.5, | 0.0); | ( 394059.9, |
| 3821818.4,  | 1276.5,    | 1439.5, | 0.0);   |       |             |
| ( 394038.5, | 3821809.5, | 1271.1, | 1439.5, | 0.0); | ( 394017.0, |
| 3821800.6,  | 1262.5,    | 1439.5, | 0.0);   |       |             |
| ( 393995.5, | 3821791.7, | 1252.2, | 1439.5, | 0.0); | ( 393974.0, |
| 3821782.8,  | 1240.0,    | 1439.5, | 0.0);   |       |             |
| ( 393952.5, | 3821773.8, | 1227.3, | 1439.5, | 0.0); | ( 393931.0, |
| 3821764.9,  | 1219.5,    | 1439.5, | 0.0);   |       |             |
| ( 393909.5, | 3821756.0, | 1222.4, | 1439.5, | 0.0); | ( 393888.0, |
| 3821747.1,  | 1234.7,    | 1439.5, | 0.0);   |       |             |
| ( 393866.5, | 3821738.2, | 1248.0, | 1439.5, | 0.0); | ( 393845.0, |
| 3821729.2,  | 1261.6,    | 1439.5, | 0.0);   |       |             |
| ( 393823.5, | 3821720.3, | 1275.0, | 1439.5, | 0.0); | ( 393802.1, |
| 3821711.4,  | 1288.5,    | 1439.5, | 0.0);   |       |             |
| ( 393780.6, | 3821702.5, | 1301.6, | 1439.5, | 0.0); | ( 393759.1, |
| 3821693.6,  | 1312.7,    | 1439.5, | 0.0);   |       |             |
| ( 393608.6, | 3821631.2, | 1362.8, | 1439.5, | 0.0); | ( 393587.2, |
| 3821622.2,  | 1365.7,    | 1439.5, | 0.0);   |       |             |
| ( 393565.7, | 3821613.3, | 1366.6, | 1439.5, | 0.0); | ( 393544.2, |
| 3821604.4,  | 1365.7,    | 1439.5, | 0.0);   |       |             |
| ( 393522.7, | 3821595.5, | 1363.0, | 1439.5, | 0.0); | ( 393501.2, |
| 3821586.6,  | 1358.4,    | 1439.5, | 0.0);   |       |             |
| ( 393479.7, | 3821577.7, | 1352.2, | 1439.5, | 0.0); | ( 394382.3, |
| 3821952.2,  | 1241.5,    | 1439.5, | 0.0);   |       |             |
| ( 394404.9, | 3821959.1, | 1246.5, | 1439.5, | 0.0); | ( 394427.6, |
| 3821966.0,  | 1249.9,    | 1439.5, | 0.0);   |       |             |
| ( 394450.2, | 3821972.9, | 1252.2, | 1439.5, | 0.0); | ( 393971.0, |
| 3823218.3,  | 1018.5,    | 1586.8, | 0.0);   |       |             |
| ( 393949.5, | 3823209.4, | 1012.0, | 1586.8, | 0.0); | ( 393928.0, |
| 3823200.5,  | 1004.2,    | 1586.8, | 0.0);   |       |             |
| ( 393906.5, | 3823191.6, | 999.7,  | 1586.8, | 0.0); | ( 393885.0, |
| 3823182.6,  | 998.3,     | 1586.8, | 0.0);   |       |             |
| ( 393863.5, | 3823173.7, | 997.3,  | 1586.8, | 0.0); | ( 393842.0, |
| 3823164.8,  | 996.6,     | 1586.8, | 0.0);   |       |             |
| ( 393820.4, | 3823155.8, | 996.5,  | 1586.8, | 0.0); | ( 393798.9, |
| 3823146.9,  | 997.3,     | 1586.8, | 0.0);   |       |             |
| ( 393777.4, | 3823138.0, | 999.6,  | 1586.8, | 0.0); | ( 393755.9, |
| 3823129.1,  | 1002.6,    | 1586.8, | 0.0);   |       |             |
| ( 393734.4, | 3823120.1, | 1003.0, | 1586.8, | 0.0); | ( 393712.9, |
| 3823111.2,  | 1002.6,    | 1586.8, | 0.0);   |       |             |
| ( 393691.3, | 3823102.3, | 1002.7, | 1586.8, | 0.0); | ( 393669.8, |

```

3823093.4, 1002.8, 1586.8, 0.0);
 (393648.3, 3823084.4, 1001.7, 1586.8, 0.0); (393626.8,
3823075.5, 999.2, 1586.8, 0.0);
 (393605.3, 3823066.6, 997.4, 1586.8, 0.0); (393583.8,
3823057.7, 996.7, 1586.8, 0.0);
 (393562.3, 3823048.7, 997.0, 1586.8, 0.0); (393540.8,
3823039.8, 997.6, 1586.8, 0.0);
 (393519.2, 3823030.9, 998.4, 1586.8, 0.0); (393497.7,
3823021.9, 999.8, 1586.8, 0.0);
 (393476.2, 3823013.0, 1002.4, 1586.8, 0.0); (393454.7,
3823004.1, 1005.4, 1586.8, 0.0);
 (393433.2, 3822995.2, 1009.1, 1586.8, 0.0); (393411.7,
3822986.2, 1014.0, 1586.8, 0.0);
 (393390.1, 3822977.3, 1020.2, 1586.8, 0.0); (393368.6,
3822968.4, 1026.6, 1586.8, 0.0);
 (393347.1, 3822959.5, 1030.8, 1586.8, 0.0); (393325.6,
3822950.5, 1033.3, 1586.8, 0.0);
 (393304.1, 3822941.6, 1036.2, 1586.8, 0.0); (393282.6,
3822932.7, 1040.5, 1586.8, 0.0);
 (393261.1, 3822923.8, 1045.1, 1586.8, 0.0); (393089.0,
3822852.3, 1090.3, 1586.8, 0.0);
 (393067.4, 3822843.4, 1093.8, 1586.8, 0.0); (393045.9,
3822834.5, 1097.4, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 95

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (393024.4, 3822825.6, 1101.5, 1586.8, 0.0); (393002.9,
3822816.6, 1105.7, 1586.8, 0.0);
 (392981.4, 3822807.7, 1107.6, 1586.8, 0.0); (392959.9,
3822798.8, 1108.1, 1586.8, 0.0);
 (392938.3, 3822789.9, 1109.7, 1586.8, 0.0); (392916.8,
3822780.9, 1112.3, 1586.8, 0.0);
 (392895.3, 3822772.0, 1118.0, 1586.8, 0.0); (392873.8,
3822763.1, 1124.4, 1586.8, 0.0);
 (392852.3, 3822754.1, 1128.5, 1585.1, 0.0); (393992.6,
3823227.3, 1020.5, 1584.3, 0.0);
 (394015.2, 3823234.2, 1019.2, 1584.3, 0.0); (394037.8,
3823241.1, 1022.4, 1529.1, 0.0);
 (394060.5, 3823248.0, 1026.8, 1526.7, 0.0); (393581.3,
3824493.4, 928.1, 1587.8, 0.0);
 (393559.8, 3824484.5, 929.6, 1587.8, 0.0); (393538.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824475.6,  | 931.2,     | 1587.8, | 0.0);   |       |             |
| ( 393516.7, | 3824466.6, | 933.4,  | 1587.8, | 0.0); | ( 393495.2, |
| 3824457.7,  | 934.9,     | 1587.8, | 0.0);   |       |             |
| ( 393473.6, | 3824448.8, | 936.7,  | 1587.8, | 0.0); | ( 393452.1, |
| 3824439.8,  | 939.3,     | 1587.8, | 0.0);   |       |             |
| ( 393430.6, | 3824430.9, | 942.5,  | 1587.8, | 0.0); | ( 393409.0, |
| 3824422.0,  | 945.5,     | 1587.8, | 0.0);   |       |             |
| ( 393387.5, | 3824413.0, | 947.2,  | 1587.8, | 0.0); | ( 393366.0, |
| 3824404.1,  | 946.8,     | 1587.8, | 0.0);   |       |             |
| ( 393344.5, | 3824395.2, | 945.4,  | 1588.1, | 0.0); | ( 393322.9, |
| 3824386.2,  | 945.2,     | 1588.1, | 0.0);   |       |             |
| ( 393301.4, | 3824377.3, | 947.0,  | 1588.1, | 0.0); | ( 393279.9, |
| 3824368.4,  | 949.6,     | 1588.1, | 0.0);   |       |             |
| ( 393258.3, | 3824359.4, | 953.2,  | 1588.1, | 0.0); | ( 393236.8, |
| 3824350.5,  | 956.7,     | 1588.1, | 0.0);   |       |             |
| ( 393215.3, | 3824341.6, | 960.5,  | 1587.8, | 0.0); | ( 393193.7, |
| 3824332.6,  | 964.9,     | 1587.8, | 0.0);   |       |             |
| ( 393172.2, | 3824323.7, | 970.0,  | 1587.8, | 0.0); | ( 393150.7, |
| 3824314.8,  | 976.3,     | 1587.8, | 0.0);   |       |             |
| ( 393129.1, | 3824305.8, | 982.6,  | 1587.8, | 0.0); | ( 393107.6, |
| 3824296.9,  | 988.7,     | 1587.8, | 0.0);   |       |             |
| ( 393086.1, | 3824288.0, | 992.9,  | 1587.8, | 0.0); | ( 393064.5, |
| 3824279.0,  | 997.6,     | 1587.8, | 0.0);   |       |             |
| ( 393043.0, | 3824270.1, | 1003.2, | 1586.8, | 0.0); | ( 393021.5, |
| 3824261.2,  | 1006.8,    | 1586.8, | 0.0);   |       |             |
| ( 393000.0, | 3824252.2, | 1005.5, | 1586.8, | 0.0); | ( 392978.4, |
| 3824243.3,  | 1005.3,    | 1587.8, | 0.0);   |       |             |
| ( 392956.9, | 3824234.4, | 1008.2, | 1587.8, | 0.0); | ( 392935.4, |
| 3824225.4,  | 1013.6,    | 1586.8, | 0.0);   |       |             |
| ( 392913.8, | 3824216.5, | 1019.4, | 1586.8, | 0.0); | ( 392892.3, |
| 3824207.6,  | 1025.8,    | 1586.8, | 0.0);   |       |             |
| ( 392870.8, | 3824198.6, | 1029.8, | 1586.8, | 0.0); | ( 392849.2, |
| 3824189.7,  | 1033.3,    | 1586.8, | 0.0);   |       |             |
| ( 392827.7, | 3824180.8, | 1037.1, | 1586.8, | 0.0); | ( 392806.2, |
| 3824171.8,  | 1036.5,    | 1586.8, | 0.0);   |       |             |
| ( 392784.6, | 3824162.9, | 1032.1, | 1586.8, | 0.0); | ( 392763.1, |
| 3824154.0,  | 1026.6,    | 1587.8, | 0.0);   |       |             |
| ( 392569.3, | 3824073.6, | 1018.5, | 1588.1, | 0.0); | ( 392547.8, |
| 3824064.6,  | 1023.4,    | 1588.1, | 0.0);   |       |             |
| ( 392526.3, | 3824055.7, | 1023.4, | 1588.1, | 0.0); | ( 392504.8, |
| 3824046.8,  | 1019.8,    | 1589.5, | 0.0);   |       |             |
| ( 392483.2, | 3824037.8, | 1015.6, | 1590.0, | 0.0); | ( 392461.7, |
| 3824028.9,  | 1012.9,    | 1590.0, | 0.0);   |       |             |
| ( 392440.2, | 3824020.0, | 1010.3, | 1590.0, | 0.0); | ( 392418.6, |
| 3824011.0,  | 1009.1,    | 1590.1, | 0.0);   |       |             |
| ( 392397.1, | 3824002.1, | 1012.2, | 1590.1, | 0.0); | ( 392375.6, |
| 3823993.2,  | 1016.3,    | 1590.0, | 0.0);   |       |             |
| ( 392354.0, | 3823984.2, | 1017.0, | 1590.1, | 0.0); | ( 392332.5, |
| 3823975.3,  | 1012.9,    | 1590.1, | 0.0);   |       |             |
| ( 392311.0, | 3823966.4, | 1007.6, | 1590.1, | 0.0); | ( 392289.5, |

```

3823957.4, 1007.1, 1590.1, 0.0);
(392267.9, 3823948.5, 1010.9, 1590.1, 0.0); (392246.4,
3823939.6, 1014.6, 1590.1, 0.0);
(392224.8, 3823930.6, 1015.1, 1590.1, 0.0); (393602.8,
3824502.4, 926.7, 1587.8, 0.0);
(393625.5, 3824509.3, 925.1, 1587.8, 0.0); (393648.1,
3824516.2, 923.2, 1587.8, 0.0);
(393670.7, 3824523.1, 922.8, 1587.8, 0.0); (393191.2,
3825768.4, 895.8, 1590.0, 0.0);
(393169.4, 3825759.3, 895.4, 1590.0, 0.0); (393147.6,
3825750.3, 893.8, 1590.0, 0.0);
(393125.8, 3825741.2, 890.7, 1590.1, 0.0); (393103.9,
3825732.2, 889.3, 1590.1, 0.0);
(393082.1, 3825723.1, 889.2, 1590.1, 0.0); (393060.3,
3825714.1, 889.6, 1590.1, 0.0);
(393038.5, 3825705.0, 890.4, 1590.1, 0.0); (393016.6,
3825695.9, 891.9, 1590.1, 0.0);
(392994.8, 3825686.9, 894.8, 1590.1, 0.0); (392973.0,
3825677.8, 897.8, 1590.1, 0.0);
(392951.1, 3825668.8, 898.8, 1590.1, 0.0); (392929.3,
3825659.7, 898.8, 1590.1, 0.0);
(392907.5, 3825650.7, 898.6, 1590.1, 0.0); (392885.6,
3825641.6, 900.4, 1590.1, 0.0);
(392863.8, 3825632.5, 905.0, 1590.1, 0.0); (392842.0,
3825623.5, 907.5, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 96

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392820.1, 3825614.4, 907.4, 1590.1, 0.0); (392798.3,
3825605.4, 907.3, 1590.1, 0.0);
(392776.5, 3825596.3, 907.2, 1590.1, 0.0); (392754.7,
3825587.3, 907.4, 1590.1, 0.0);
(392732.8, 3825578.2, 907.6, 1590.1, 0.0); (392711.0,
3825569.1, 907.6, 1590.1, 0.0);
(392689.2, 3825560.1, 908.3, 1590.1, 0.0); (392667.3,
3825551.0, 908.7, 1590.1, 0.0);
(392645.5, 3825542.0, 909.0, 1590.1, 0.0); (392623.7,
3825532.9, 909.3, 1590.1, 0.0);
(392601.9, 3825523.9, 910.0, 1590.1, 0.0); (392580.0,
3825514.8, 911.2, 1590.1, 0.0);
(392558.2, 3825505.8, 912.7, 1590.1, 0.0); (392536.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825496.7,  | 914.4,     | 1590.1, | 0.0);   |       |             |
| ( 392514.5, | 3825487.6, | 915.5,  | 1590.1, | 0.0); | ( 392492.7, |
| 3825478.6,  | 916.4,     | 1590.1, | 0.0);   |       |             |
| ( 392470.9, | 3825469.5, | 917.8,  | 1590.1, | 0.0); | ( 392449.0, |
| 3825460.5,  | 919.0,     | 1590.1, | 0.0);   |       |             |
| ( 392427.2, | 3825451.4, | 919.6,  | 1590.1, | 0.0); | ( 392405.4, |
| 3825442.3,  | 919.8,     | 1590.1, | 0.0);   |       |             |
| ( 392383.6, | 3825433.3, | 920.1,  | 1590.1, | 0.0); | ( 392361.7, |
| 3825424.2,  | 920.5,     | 1590.1, | 0.0);   |       |             |
| ( 392339.9, | 3825415.2, | 921.0,  | 1590.1, | 0.0); | ( 392318.1, |
| 3825406.1,  | 922.1,     | 1590.1, | 0.0);   |       |             |
| ( 392296.2, | 3825397.1, | 922.9,  | 1590.1, | 0.0); | ( 392274.4, |
| 3825388.0,  | 923.0,     | 1590.1, | 0.0);   |       |             |
| ( 392252.6, | 3825378.9, | 923.1,  | 1590.1, | 0.0); | ( 392056.1, |
| 3825297.4,  | 929.6,     | 1590.1, | 0.0);   |       |             |
| ( 392034.3, | 3825288.4, | 930.9,  | 1590.1, | 0.0); | ( 392012.5, |
| 3825279.3,  | 931.8,     | 1590.1, | 0.0);   |       |             |
| ( 391990.6, | 3825270.3, | 932.6,  | 1590.1, | 0.0); | ( 391968.8, |
| 3825261.2,  | 933.9,     | 1590.1, | 0.0);   |       |             |
| ( 391947.0, | 3825252.1, | 937.7,  | 1590.1, | 0.0); | ( 391925.1, |
| 3825243.1,  | 939.1,     | 1590.1, | 0.0);   |       |             |
| ( 391903.3, | 3825234.0, | 939.4,  | 1590.1, | 0.0); | ( 391881.5, |
| 3825225.0,  | 939.8,     | 1590.1, | 0.0);   |       |             |
| ( 391859.7, | 3825215.9, | 940.4,  | 1590.1, | 0.0); | ( 391837.8, |
| 3825206.9,  | 940.8,     | 1590.1, | 0.0);   |       |             |
| ( 391816.0, | 3825197.8, | 941.5,  | 1590.1, | 0.0); | ( 391794.2, |
| 3825188.7,  | 942.6,     | 1590.1, | 0.0);   |       |             |
| ( 391772.3, | 3825179.7, | 943.7,  | 1590.1, | 0.0); | ( 391750.5, |
| 3825170.6,  | 945.0,     | 1590.1, | 0.0);   |       |             |
| ( 391728.7, | 3825161.6, | 946.5,  | 1590.1, | 0.0); | ( 391706.8, |
| 3825152.5,  | 947.6,     | 1590.1, | 0.0);   |       |             |
| ( 391685.0, | 3825143.5, | 948.2,  | 1590.1, | 0.0); | ( 391663.2, |
| 3825134.4,  | 949.2,     | 1590.1, | 0.0);   |       |             |
| ( 391641.4, | 3825125.3, | 951.1,  | 1590.1, | 0.0); | ( 391619.5, |
| 3825116.3,  | 955.6,     | 1590.1, | 0.0);   |       |             |
| ( 391597.7, | 3825107.2, | 960.6,  | 1590.1, | 0.0); | ( 393213.1, |
| 3825777.5,  | 897.0,     | 1590.0, | 0.0);   |       |             |
| ( 393235.7, | 3825784.4, | 896.8,  | 1590.0, | 0.0); | ( 393258.4, |
| 3825791.3,  | 895.1,     | 1590.0, | 0.0);   |       |             |
| ( 393281.0, | 3825798.2, | 891.5,  | 1590.0, | 0.0); | ( 392801.5, |
| 3827043.5,  | 957.2,     | 1586.8, | 0.0);   |       |             |
| ( 392779.7, | 3827034.5, | 951.4,  | 1586.8, | 0.0); | ( 392757.9, |
| 3827025.4,  | 941.9,     | 1586.8, | 0.0);   |       |             |
| ( 392736.1, | 3827016.4, | 932.0,  | 1586.8, | 0.0); | ( 392714.3, |
| 3827007.3,  | 926.3,     | 1586.8, | 0.0);   |       |             |
| ( 392692.5, | 3826998.3, | 924.4,  | 1586.8, | 0.0); | ( 392670.7, |
| 3826989.2,  | 921.7,     | 1587.8, | 0.0);   |       |             |
| ( 392648.9, | 3826980.2, | 914.8,  | 1587.8, | 0.0); | ( 392627.1, |
| 3826971.1,  | 906.8,     | 1588.1, | 0.0);   |       |             |
| ( 392605.3, | 3826962.1, | 900.6,  | 1589.5, | 0.0); | ( 392583.5, |

```

3826953.1, 895.8, 1590.0, 0.0);
(392561.7, 3826944.0, 891.9, 1590.0, 0.0); (392539.9,
3826935.0, 888.5, 1590.1, 0.0);
(392518.1, 3826925.9, 885.4, 1590.1, 0.0); (392496.3,
3826916.9, 883.0, 1590.1, 0.0);
(392474.5, 3826907.8, 881.0, 1590.1, 0.0); (392452.7,
3826898.8, 879.7, 1590.1, 0.0);
(392430.9, 3826889.7, 880.0, 1590.1, 0.0); (392409.1,
3826880.7, 881.2, 1590.1, 0.0);
(392387.3, 3826871.6, 882.1, 1590.1, 0.0); (392365.5,
3826862.6, 882.9, 1590.1, 0.0);
(392343.7, 3826853.6, 884.6, 1590.1, 0.0); (392321.9,
3826844.5, 885.8, 1590.1, 0.0);
(392300.1, 3826835.5, 885.8, 1590.1, 0.0); (392278.3,
3826826.4, 887.7, 1590.1, 0.0);
(392256.5, 3826817.4, 891.0, 1590.1, 0.0); (392234.7,
3826808.3, 896.5, 1590.1, 0.0);
(392212.9, 3826799.3, 905.7, 1590.1, 0.0); (392191.1,
3826790.2, 914.0, 1590.1, 0.0);
(392169.3, 3826781.2, 916.9, 1590.1, 0.0); (392147.5,
3826772.1, 916.6, 1590.1, 0.0);
(392125.7, 3826763.1, 912.0, 1590.1, 0.0); (392103.9,
3826754.1, 906.5, 1590.1, 0.0);
(392082.1, 3826745.0, 901.5, 1590.1, 0.0); (392060.3,
3826736.0, 901.6, 1590.1, 0.0);
(392038.5, 3826726.9, 903.5, 1590.1, 0.0); (392016.7,
3826717.9, 905.5, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 97

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391994.9, 3826708.8, 905.9, 1590.1, 0.0); (391973.1,
3826699.8, 905.0, 1590.1, 0.0);
(391951.3, 3826690.7, 902.9, 1590.1, 0.0); (391929.5,
3826681.7, 900.3, 1590.1, 0.0);
(391907.7, 3826672.6, 897.6, 1590.1, 0.0); (391885.9,
3826663.6, 896.2, 1590.1, 0.0);
(391864.1, 3826654.6, 894.6, 1590.1, 0.0); (391842.3,
3826645.5, 893.6, 1590.1, 0.0);
(391820.5, 3826636.5, 893.2, 1590.1, 0.0); (391798.7,
3826627.4, 893.2, 1590.1, 0.0);
(391776.9, 3826618.4, 892.8, 1590.1, 0.0); (391755.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3826609.3,  | 892.2,     | 1590.1, | 0.0);   |       |             |
| ( 391733.3, | 3826600.3, | 891.7,  | 1590.1, | 0.0); | ( 391711.5, |
| 3826591.2,  | 892.3,     | 1590.1, | 0.0);   |       |             |
| ( 391689.7, | 3826582.2, | 895.1,  | 1590.1, | 0.0); | ( 391537.1, |
| 3826518.9,  | 895.6,     | 1590.1, | 0.0);   |       |             |
| ( 391515.3, | 3826509.8, | 895.6,  | 1590.1, | 0.0); | ( 391493.5, |
| 3826500.8,  | 895.9,     | 1590.1, | 0.0);   |       |             |
| ( 391471.7, | 3826491.7, | 895.9,  | 1590.1, | 0.0); | ( 391449.9, |
| 3826482.7,  | 895.9,     | 1590.1, | 0.0);   |       |             |
| ( 391428.1, | 3826473.6, | 896.1,  | 1590.1, | 0.0); | ( 391406.3, |
| 3826464.6,  | 896.4,     | 1590.1, | 0.0);   |       |             |
| ( 391384.5, | 3826455.6, | 896.7,  | 1590.1, | 0.0); | ( 391362.7, |
| 3826446.5,  | 896.9,     | 1590.1, | 0.0);   |       |             |
| ( 391340.9, | 3826437.5, | 897.2,  | 1590.1, | 0.0); | ( 391319.0, |
| 3826428.4,  | 897.4,     | 1590.1, | 0.0);   |       |             |
| ( 391297.2, | 3826419.4, | 897.7,  | 1590.1, | 0.0); | ( 391275.5, |
| 3826410.3,  | 898.1,     | 1590.1, | 0.0);   |       |             |
| ( 391253.6, | 3826401.3, | 898.4,  | 1590.1, | 0.0); | ( 391231.8, |
| 3826392.2,  | 898.8,     | 1590.1, | 0.0);   |       |             |
| ( 391210.0, | 3826383.2, | 899.3,  | 1590.1, | 0.0); | ( 391188.2, |
| 3826374.1,  | 899.7,     | 1590.1, | 0.0);   |       |             |
| ( 391166.5, | 3826365.1, | 900.1,  | 1590.1, | 0.0); | ( 391144.6, |
| 3826356.0,  | 900.7,     | 1590.1, | 0.0);   |       |             |
| ( 391122.8, | 3826347.0, | 901.2,  | 1590.1, | 0.0); | ( 391101.0, |
| 3826338.0,  | 901.6,     | 1590.1, | 0.0);   |       |             |
| ( 391079.2, | 3826328.9, | 901.9,  | 1590.1, | 0.0); | ( 391057.4, |
| 3826319.9,  | 902.3,     | 1590.1, | 0.0);   |       |             |
| ( 391035.6, | 3826310.8, | 902.6,  | 1590.1, | 0.0); | ( 391013.8, |
| 3826301.8,  | 902.8,     | 1590.1, | 0.0);   |       |             |
| ( 390992.0, | 3826292.7, | 903.0,  | 1590.1, | 0.0); | ( 390970.2, |
| 3826283.7,  | 903.1,     | 1590.1, | 0.0);   |       |             |
| ( 392823.3, | 3827052.6, | 962.1,  | 1586.8, | 0.0); | ( 392846.0, |
| 3827059.5,  | 964.3,     | 1586.8, | 0.0);   |       |             |
| ( 392868.6, | 3827066.4, | 960.9,  | 1586.8, | 0.0); | ( 392891.3, |
| 3827073.3,  | 956.3,     | 1586.8, | 0.0);   |       |             |
| ( 392411.8, | 3828318.6, | 835.8,  | 1588.1, | 0.0); | ( 392390.0, |
| 3828309.6,  | 835.8,     | 1588.1, | 0.0);   |       |             |
| ( 392368.3, | 3828300.6, | 836.2,  | 1589.5, | 0.0); | ( 392346.5, |
| 3828291.5,  | 836.6,     | 1590.0, | 0.0);   |       |             |
| ( 392324.7, | 3828282.5, | 836.7,  | 1590.0, | 0.0); | ( 392302.9, |
| 3828273.4,  | 836.8,     | 1590.0, | 0.0);   |       |             |
| ( 392281.1, | 3828264.4, | 836.8,  | 1590.0, | 0.0); | ( 392259.4, |
| 3828255.4,  | 836.9,     | 1590.0, | 0.0);   |       |             |
| ( 392237.6, | 3828246.3, | 837.2,  | 1590.0, | 0.0); | ( 392215.8, |
| 3828237.3,  | 837.6,     | 1590.0, | 0.0);   |       |             |
| ( 392194.0, | 3828228.3, | 837.9,  | 1590.1, | 0.0); | ( 392172.2, |
| 3828219.2,  | 838.3,     | 1590.1, | 0.0);   |       |             |
| ( 392150.5, | 3828210.2, | 838.6,  | 1590.1, | 0.0); | ( 392128.7, |
| 3828201.1,  | 838.7,     | 1590.1, | 0.0);   |       |             |
| ( 392106.9, | 3828192.1, | 839.6,  | 1590.1, | 0.0); | ( 392085.1, |

```

3828183.1, 840.9, 1590.1, 0.0);
(392063.3, 3828174.0, 841.2, 1590.1, 0.0); (392041.6,
3828165.0, 841.3, 1590.1, 0.0);
(392019.8, 3828156.0, 841.9, 1590.1, 0.0); (391998.0,
3828146.9, 843.4, 1590.1, 0.0);
(391976.2, 3828137.9, 844.4, 1590.1, 0.0); (391954.5,
3828128.9, 844.6, 1590.1, 0.0);
(391932.7, 3828119.8, 845.4, 1590.1, 0.0); (391910.9,
3828110.8, 847.0, 1590.1, 0.0);
(391889.1, 3828101.8, 848.2, 1590.1, 0.0); (391867.3,
3828092.7, 848.3, 1590.1, 0.0);
(391845.6, 3828083.7, 848.6, 1590.1, 0.0); (391823.8,
3828074.6, 850.2, 1590.1, 0.0);
(391802.0, 3828065.6, 851.2, 1590.1, 0.0); (391780.2,
3828056.6, 851.4, 1590.1, 0.0);
(391758.4, 3828047.5, 852.2, 1590.1, 0.0); (391736.7,
3828038.5, 853.6, 1590.1, 0.0);
(391714.9, 3828029.5, 855.4, 1590.1, 0.0); (391693.1,
3828020.4, 857.1, 1590.1, 0.0);
(391671.3, 3828011.4, 858.8, 1590.1, 0.0); (391649.5,
3828002.3, 862.9, 1590.1, 0.0);
(391627.8, 3827993.3, 868.3, 1590.1, 0.0); (391606.0,
3827984.3, 874.6, 1590.1, 0.0);
(391584.2, 3827975.2, 879.5, 1590.1, 0.0); (391562.4,
3827966.2, 881.7, 1590.1, 0.0);
(391540.6, 3827957.2, 881.2, 1590.1, 0.0); (391518.9,
3827948.1, 882.1, 1590.1, 0.0);
(391497.1, 3827939.1, 883.9, 1590.1, 0.0); (391475.3,
3827930.1, 884.1, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 98

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391453.5, 3827921.0, 883.5, 1590.1, 0.0); (391431.7,
3827912.0, 883.9, 1590.1, 0.0);
(391410.0, 3827902.9, 886.9, 1590.1, 0.0); (391388.2,
3827893.9, 893.9, 1590.1, 0.0);
(391366.4, 3827884.9, 899.1, 1590.1, 0.0); (391344.6,
3827875.8, 899.8, 1590.1, 0.0);
(391322.8, 3827866.8, 901.8, 1590.1, 0.0); (391301.1,
3827857.8, 906.9, 1590.1, 0.0);
(391279.3, 3827848.7, 911.0, 1590.1, 0.0); (391257.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3827839.7,  | 909.2,     | 1590.1, | 0.0);   |       |             |
| ( 391235.7, | 3827830.6, | 901.4,  | 1590.1, | 0.0); | ( 391214.0, |
| 3827821.6,  | 889.2,     | 1590.1, | 0.0);   |       |             |
| ( 391192.2, | 3827812.6, | 881.0,  | 1590.1, | 0.0); | ( 391170.4, |
| 3827803.5,  | 879.4,     | 1590.1, | 0.0);   |       |             |
| ( 391039.7, | 3827749.3, | 850.3,  | 1590.1, | 0.0); | ( 391017.9, |
| 3827740.3,  | 849.8,     | 1590.1, | 0.0);   |       |             |
| ( 390996.1, | 3827731.2, | 850.7,  | 1590.1, | 0.0); | ( 390974.4, |
| 3827722.2,  | 851.6,     | 1590.1, | 0.0);   |       |             |
| ( 390952.6, | 3827713.2, | 852.1,  | 1590.1, | 0.0); | ( 390930.8, |
| 3827704.1,  | 852.6,     | 1590.1, | 0.0);   |       |             |
| ( 390909.0, | 3827695.1, | 853.3,  | 1590.1, | 0.0); | ( 390887.3, |
| 3827686.1,  | 854.1,     | 1590.1, | 0.0);   |       |             |
| ( 390865.5, | 3827677.0, | 854.9,  | 1590.1, | 0.0); | ( 390843.7, |
| 3827668.0,  | 856.4,     | 1590.1, | 0.0);   |       |             |
| ( 390821.9, | 3827659.0, | 860.2,  | 1590.1, | 0.0); | ( 390800.1, |
| 3827649.9,  | 864.6,     | 1590.1, | 0.0);   |       |             |
| ( 390778.4, | 3827640.9, | 868.9,  | 1590.1, | 0.0); | ( 390756.6, |
| 3827631.8,  | 872.7,     | 1590.1, | 0.0);   |       |             |
| ( 390734.8, | 3827622.8, | 876.6,  | 1590.1, | 0.0); | ( 390713.0, |
| 3827613.8,  | 881.0,     | 1590.1, | 0.0);   |       |             |
| ( 390691.2, | 3827604.7, | 885.6,  | 1590.1, | 0.0); | ( 390669.5, |
| 3827595.7,  | 889.3,     | 1590.1, | 0.0);   |       |             |
| ( 390647.7, | 3827586.7, | 893.4,  | 1590.1, | 0.0); | ( 390625.9, |
| 3827577.6,  | 896.1,     | 1590.1, | 0.0);   |       |             |
| ( 390604.1, | 3827568.6, | 895.5,  | 1590.1, | 0.0); | ( 390582.3, |
| 3827559.6,  | 894.0,     | 1590.1, | 0.0);   |       |             |
| ( 390560.6, | 3827550.5, | 889.9,  | 1590.1, | 0.0); | ( 390538.8, |
| 3827541.5,  | 884.8,     | 1590.1, | 0.0);   |       |             |
| ( 390517.0, | 3827532.4, | 886.2,  | 1590.1, | 0.0); | ( 390495.2, |
| 3827523.4,  | 891.6,     | 1590.1, | 0.0);   |       |             |
| ( 390473.4, | 3827514.4, | 896.3,  | 1590.1, | 0.0); | ( 390451.7, |
| 3827505.3,  | 900.9,     | 1590.1, | 0.0);   |       |             |
| ( 390429.9, | 3827496.3, | 904.7,  | 1590.1, | 0.0); | ( 390408.1, |
| 3827487.3,  | 907.8,     | 1590.1, | 0.0);   |       |             |
| ( 390386.3, | 3827478.2, | 911.2,  | 1590.1, | 0.0); | ( 390364.5, |
| 3827469.2,  | 914.3,     | 1590.1, | 0.0);   |       |             |
| ( 390342.8, | 3827460.1, | 915.1,  | 1590.1, | 0.0); | ( 392433.6, |
| 3828327.7,  | 835.7,     | 1588.1, | 0.0);   |       |             |
| ( 392456.2, | 3828334.6, | 835.7,  | 1588.1, | 0.0); | ( 392478.9, |
| 3828341.5,  | 835.5,     | 1588.1, | 0.0);   |       |             |
| ( 392501.5, | 3828348.4, | 835.3,  | 1588.1, | 0.0); | ( 395986.4, |
| 3817029.4,  | 953.1,     | 1353.8, | 0.0);   |       |             |
| ( 395999.6, | 3817008.6, | 946.9,  | 1353.8, | 0.0); | ( 395995.1, |
| 3817052.8,  | 958.4,     | 1353.8, | 0.0);   |       |             |
| ( 396020.7, | 3817022.0, | 946.9,  | 1353.8, | 0.0); | ( 396010.0, |
| 3817071.3,  | 960.3,     | 1353.8, | 0.0);   |       |             |
| ( 395967.4, | 3817087.0, | 962.5,  | 1353.8, | 0.0); | ( 396028.6, |
| 3817056.2,  | 953.2,     | 1353.8, | 0.0);   |       |             |
| ( 396041.8, | 3817035.4, | 947.8,  | 1353.8, | 0.0); | ( 396033.1, |

```

3817083.0, 962.0, 1353.8, 0.0);
 (395978.7, 3817110.4, 966.3, 1353.8, 0.0); (396062.9,
3817048.9, 948.4, 1353.8, 0.0);
 (396073.3, 3817111.5, 965.1, 1353.8, 0.0); (396054.6,
3817126.6, 969.2, 1353.8, 0.0);
 (396036.0, 3817141.6, 971.3, 1353.8, 0.0); (395993.4,
3817157.4, 971.6, 1353.8, 0.0);
 (395969.4, 3817158.0, 971.4, 1353.8, 0.0); (395945.4,
3817158.7, 970.9, 1353.8, 0.0);
 (396091.9, 3817096.4, 959.6, 1353.8, 0.0); (396105.1,
3817075.7, 952.7, 1353.8, 0.0);
 (396117.5, 3817136.7, 968.9, 1353.8, 0.0); (396084.4,
3817163.4, 974.7, 1353.8, 0.0);
 (396051.2, 3817190.2, 976.9, 1353.8, 0.0); (396013.3,
3817204.2, 978.1, 1353.8, 0.0);
 (395970.8, 3817205.4, 977.3, 1353.8, 0.0); (396147.3,
3817102.5, 954.2, 1353.8, 0.0);
 (396158.5, 3817164.4, 972.9, 1353.8, 0.0); (396140.8,
3817178.8, 977.7, 1353.8, 0.0);
 (396123.0, 3817193.1, 978.3, 1353.8, 0.0); (396105.2,
3817207.5, 979.0, 1353.8, 0.0);
 (396087.5, 3817221.8, 987.3, 1353.8, 0.0); (396069.7,
3817236.1, 993.6, 1298.6, 0.0);
 (396029.1, 3817251.1, 990.6, 1298.6, 0.0); (396006.3,
3817251.8, 986.8, 1353.8, 0.0);
 (395983.5, 3817252.4, 984.6, 1353.8, 0.0); (395960.7,
3817253.1, 982.4, 1353.8, 0.0);
 (395937.9, 3817253.7, 980.7, 1353.8, 0.0); (395915.1,
3817254.4, 981.6, 1353.8, 0.0);
 (396176.3, 3817150.1, 966.0, 1353.8, 0.0); (396189.5,
3817129.3, 956.2, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 99

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (396199.8, 3817192.0, 976.6, 1353.8, 0.0); (396181.2,
3817207.0, 979.6, 1353.8, 0.0);
 (396162.5, 3817222.1, 984.2, 1353.8, 0.0); (396143.9,
3817237.2, 991.7, 1353.8, 0.0);
 (396125.2, 3817252.2, 1002.7, 1295.8, 0.0); (396106.6,
3817267.3, 1012.2, 1186.5, 0.0);
 (396088.0, 3817282.3, 1016.6, 1186.5, 0.0); (396045.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817298.1,  | 1006.9,    | 1186.5, | 0.0);   |       |             |
| ( 396021.4, | 3817298.8, | 999.1,  | 1186.5, | 0.0); | ( 395997.4, |
| 3817299.4,  | 993.6,     | 1238.2, | 0.0);   |       |             |
| ( 395973.5, | 3817300.1, | 990.0,  | 1239.7, | 0.0); | ( 395949.5, |
| 3817300.8,  | 987.4,     | 1239.7, | 0.0);   |       |             |
| ( 395925.5, | 3817301.5, | 986.0,  | 1239.7, | 0.0); | ( 395901.6, |
| 3817302.2,  | 986.8,     | 1186.5, | 0.0);   |       |             |
| ( 396218.5, | 3817176.9, | 972.0,  | 1353.8, | 0.0); | ( 396231.7, |
| 3817156.2,  | 962.9,     | 1353.8, | 0.0);   |       |             |
| ( 396243.3, | 3817217.8, | 980.5,  | 1353.8, | 0.0); | ( 396208.5, |
| 3817245.9,  | 989.7,     | 1353.8, | 0.0);   |       |             |
| ( 396173.6, | 3817274.0, | 1013.6, | 1186.5, | 0.0); | ( 396138.8, |
| 3817302.1,  | 1028.6,    | 1185.7, | 0.0);   |       |             |
| ( 396104.0, | 3817330.2, | 1034.5, | 1185.7, | 0.0); | ( 396064.3, |
| 3817344.9,  | 1018.5,    | 1186.5, | 0.0);   |       |             |
| ( 396019.5, | 3817346.2, | 1003.9, | 1186.5, | 0.0); | ( 395974.8, |
| 3817347.5,  | 995.6,     | 1186.5, | 0.0);   |       |             |
| ( 395930.1, | 3817348.8, | 990.4,  | 1186.5, | 0.0); | ( 396273.9, |
| 3817183.0,  | 972.2,     | 1353.8, | 0.0);   |       |             |
| ( 396326.4, | 3817272.5, | 985.9,  | 1353.8, | 0.0); | ( 396307.8, |
| 3817287.5,  | 997.0,     | 1302.3, | 0.0);   |       |             |
| ( 396289.1, | 3817302.6, | 1009.0, | 1302.3, | 0.0); | ( 396270.5, |
| 3817317.6,  | 1015.5,    | 1239.7, | 0.0);   |       |             |
| ( 396251.8, | 3817332.7, | 1022.5, | 1185.7, | 0.0); | ( 396233.2, |
| 3817347.8,  | 1030.7,    | 1185.7, | 0.0);   |       |             |
| ( 396214.5, | 3817362.8, | 1037.9, | 1185.7, | 0.0); | ( 396195.9, |
| 3817377.9,  | 1046.2,    | 1185.7, | 0.0);   |       |             |
| ( 396177.2, | 3817392.9, | 1049.9, | 1185.7, | 0.0); | ( 396158.6, |
| 3817408.0,  | 1044.7,    | 1185.7, | 0.0);   |       |             |
| ( 396139.9, | 3817423.0, | 1036.9, | 1185.7, | 0.0); | ( 396097.3, |
| 3817438.8,  | 1026.8,    | 1186.5, | 0.0);   |       |             |
| ( 396073.4, | 3817439.4, | 1021.4, | 1186.5, | 0.0); | ( 396049.4, |
| 3817440.1,  | 1015.9,    | 1186.5, | 0.0);   |       |             |
| ( 396025.5, | 3817440.8, | 1010.6, | 1186.5, | 0.0); | ( 396001.5, |
| 3817441.5,  | 1005.5,    | 1186.5, | 0.0);   |       |             |
| ( 395977.5, | 3817442.2, | 1001.6, | 1186.5, | 0.0); | ( 395953.6, |
| 3817442.9,  | 1001.2,    | 1186.5, | 0.0);   |       |             |
| ( 395929.6, | 3817443.6, | 1001.6, | 1186.5, | 0.0); | ( 395905.7, |
| 3817444.3,  | 1002.8,    | 1186.5, | 0.0);   |       |             |
| ( 395881.7, | 3817444.9, | 1005.3, | 1186.5, | 0.0); | ( 395857.8, |
| 3817445.6,  | 1008.5,    | 1186.5, | 0.0);   |       |             |
| ( 396345.1, | 3817257.4, | 982.2,  | 1353.8, | 0.0); | ( 396358.3, |
| 3817236.7,  | 980.2,     | 1353.8, | 0.0);   |       |             |
| ( 396411.2, | 3817325.8, | 986.3,  | 1353.8, | 0.0); | ( 396393.0, |
| 3817340.5,  | 1001.2,    | 1302.3, | 0.0);   |       |             |
| ( 396374.8, | 3817355.2, | 1017.4, | 1298.6, | 0.0); | ( 396356.5, |
| 3817370.0,  | 1028.5,    | 1239.7, | 0.0);   |       |             |
| ( 396338.3, | 3817384.7, | 1038.6, | 1185.7, | 0.0); | ( 396320.0, |
| 3817399.4,  | 1048.7,    | 1185.7, | 0.0);   |       |             |
| ( 396301.8, | 3817414.1, | 1057.8, | 1185.7, | 0.0); | ( 396283.6, |

```

3817428.8, 1066.4, 1185.7, 0.0);
(396265.3, 3817443.6, 1073.9, 1185.7, 0.0); (396247.1,
3817458.3, 1074.9, 1185.7, 0.0);
(396228.9, 3817473.0, 1071.6, 1185.7, 0.0); (396210.6,
3817487.7, 1067.1, 1185.7, 0.0);
(396192.4, 3817502.4, 1063.9, 1185.7, 0.0); (396174.2,
3817517.2, 1063.0, 1185.7, 0.0);
(396132.5, 3817532.6, 1054.9, 1185.7, 0.0); (396109.1,
3817533.2, 1048.2, 1185.7, 0.0);
(396085.7, 3817533.9, 1039.9, 1185.7, 0.0); (396062.2,
3817534.6, 1031.0, 1186.5, 0.0);
(396038.8, 3817535.2, 1022.6, 1186.5, 0.0); (396015.4,
3817535.9, 1016.0, 1186.5, 0.0);
(395992.0, 3817536.6, 1011.7, 1186.5, 0.0); (395968.5,
3817537.2, 1010.7, 1186.5, 0.0);
(395945.1, 3817537.9, 1011.6, 1186.5, 0.0); (395921.7,
3817538.6, 1013.0, 1186.5, 0.0);
(395898.3, 3817539.3, 1015.0, 1186.5, 0.0); (395874.8,
3817539.9, 1017.8, 1186.5, 0.0);
(395851.4, 3817540.6, 1021.5, 1186.5, 0.0); (395828.0,
3817541.3, 1026.0, 1186.5, 0.0);
(396429.5, 3817311.1, 984.5, 1353.8, 0.0); (396442.6,
3817290.3, 984.8, 1353.8, 0.0);
(396494.8, 3817380.1, 982.0, 1353.8, 0.0); (396475.8,
3817395.4, 989.3, 1302.3, 0.0);
(396456.8, 3817410.8, 1000.9, 1302.3, 0.0); (396437.8,
3817426.1, 1011.1, 1302.3, 0.0);
(396418.8, 3817441.5, 1018.5, 1295.8, 0.0); (396399.8,
3817456.8, 1025.7, 1239.7, 0.0);
(396380.7, 3817472.2, 1034.3, 1239.7, 0.0); (396361.7,
3817487.5, 1044.8, 1185.7, 0.0);
(396342.7, 3817502.9, 1056.1, 1185.7, 0.0); (396323.7,
3817518.2, 1063.1, 1185.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 100

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(396304.7, 3817533.6, 1062.1, 1185.7, 0.0); (396285.7,
3817548.9, 1059.2, 1185.7, 0.0);
(396266.6, 3817564.3, 1057.1, 1185.7, 0.0); (396247.6,
3817579.6, 1050.9, 1185.7, 0.0);
(396228.6, 3817595.0, 1045.0, 1185.7, 0.0); (396209.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817610.3,  | 1039.9,    | 1185.7, | 0.0);   |       |             |
| ( 396166.2, | 3817626.4, | 1036.6, | 1185.7, | 0.0); | ( 396141.7, |
| 3817627.1,  | 1036.9,    | 1186.5, | 0.0);   |       |             |
| ( 396117.3, | 3817627.8, | 1037.1, | 1186.5, | 0.0); | ( 396092.9, |
| 3817628.5,  | 1035.7,    | 1186.5, | 0.0);   |       |             |
| ( 396068.5, | 3817629.2, | 1032.8, | 1186.5, | 0.0); | ( 396044.0, |
| 3817629.9,  | 1028.6,    | 1186.5, | 0.0);   |       |             |
| ( 396019.6, | 3817630.6, | 1023.9, | 1186.5, | 0.0); | ( 395995.2, |
| 3817631.3,  | 1020.4,    | 1186.5, | 0.0);   |       |             |
| ( 395970.8, | 3817632.0, | 1019.5, | 1186.5, | 0.0); | ( 395946.3, |
| 3817632.7,  | 1020.4,    | 1186.5, | 0.0);   |       |             |
| ( 395921.9, | 3817633.4, | 1021.8, | 1186.5, | 0.0); | ( 395897.5, |
| 3817634.1,  | 1023.5,    | 1186.5, | 0.0);   |       |             |
| ( 395873.0, | 3817634.8, | 1025.8, | 1186.5, | 0.0); | ( 395848.6, |
| 3817635.5,  | 1028.9,    | 1186.5, | 0.0);   |       |             |
| ( 395824.2, | 3817636.2, | 1033.1, | 1186.5, | 0.0); | ( 395799.8, |
| 3817636.9,  | 1037.9,    | 1186.5, | 0.0);   |       |             |
| ( 396513.8, | 3817364.7, | 979.2,  | 1353.8, | 0.0); | ( 396527.0, |
| 3817344.0,  | 973.1,     | 1353.8, | 0.0);   |       |             |
| ( 396579.6, | 3817433.4, | 975.9,  | 1353.8, | 0.0); | ( 396560.9, |
| 3817448.5,  | 979.6,     | 1302.3, | 0.0);   |       |             |
| ( 396542.3, | 3817463.5, | 985.6,  | 1302.3, | 0.0); | ( 396523.6, |
| 3817478.6,  | 1000.9,    | 1302.3, | 0.0);   |       |             |
| ( 396505.0, | 3817493.7, | 1009.5, | 1302.3, | 0.0); | ( 396486.3, |
| 3817508.7,  | 1017.3,    | 1302.3, | 0.0);   |       |             |
| ( 396467.7, | 3817523.8, | 1023.1, | 1273.3, | 0.0); | ( 396449.0, |
| 3817538.8,  | 1026.7,    | 1272.6, | 0.0);   |       |             |
| ( 396430.4, | 3817553.9, | 1026.8, | 1239.7, | 0.0); | ( 396411.7, |
| 3817568.9,  | 1027.3,    | 1239.7, | 0.0);   |       |             |
| ( 396393.1, | 3817584.0, | 1027.3, | 1239.7, | 0.0); | ( 396374.4, |
| 3817599.0,  | 1023.3,    | 1239.7, | 0.0);   |       |             |
| ( 396355.8, | 3817614.1, | 1020.6, | 1239.7, | 0.0); | ( 396337.1, |
| 3817629.2,  | 1018.8,    | 1270.0, | 0.0);   |       |             |
| ( 396318.5, | 3817644.2, | 1017.3, | 1239.7, | 0.0); | ( 396299.8, |
| 3817659.3,  | 1015.9,    | 1239.7, | 0.0);   |       |             |
| ( 396281.2, | 3817674.3, | 1014.6, | 1239.7, | 0.0); | ( 396262.5, |
| 3817689.4,  | 1014.1,    | 1239.7, | 0.0);   |       |             |
| ( 396243.9, | 3817704.4, | 1013.1, | 1239.7, | 0.0); | ( 396201.3, |
| 3817720.2,  | 1013.4,    | 1239.7, | 0.0);   |       |             |
| ( 396177.3, | 3817720.9, | 1014.7, | 1239.7, | 0.0); | ( 396153.4, |
| 3817721.5,  | 1016.1,    | 1238.2, | 0.0);   |       |             |
| ( 396129.4, | 3817722.2, | 1017.5, | 1186.5, | 0.0); | ( 396105.5, |
| 3817722.9,  | 1018.9,    | 1186.5, | 0.0);   |       |             |
| ( 396081.5, | 3817723.6, | 1020.6, | 1186.5, | 0.0); | ( 396057.5, |
| 3817724.3,  | 1023.3,    | 1186.5, | 0.0);   |       |             |
| ( 396033.6, | 3817725.0, | 1027.0, | 1186.5, | 0.0); | ( 396009.6, |
| 3817725.7,  | 1031.6,    | 1186.5, | 0.0);   |       |             |
| ( 395985.7, | 3817726.3, | 1035.6, | 1186.5, | 0.0); | ( 395961.7, |
| 3817727.0,  | 1035.0,    | 1186.5, | 0.0);   |       |             |
| ( 395937.8, | 3817727.7, | 1033.7, | 1186.5, | 0.0); | ( 395913.8, |

```

3817728.4, 1034.4, 1186.5, 0.0);
(395889.8, 3817729.1, 1036.7, 1186.5, 0.0); (395865.9,
3817729.8, 1036.5, 1186.5, 0.0);
(395841.9, 3817730.5, 1037.3, 1186.5, 0.0); (395818.0,
3817731.2, 1040.0, 1186.5, 0.0);
(395794.0, 3817731.8, 1044.3, 1186.5, 0.0); (395770.1,
3817732.5, 1050.7, 1186.5, 0.0);
(396598.2, 3817418.4, 968.7, 1606.9, 0.0); (396611.4,
3817397.6, 963.9, 1606.9, 0.0);
(396664.2, 3817486.9, 964.6, 1606.9, 0.0); (396645.9,
3817501.7, 968.9, 1606.9, 0.0);
(396627.5, 3817516.6, 974.9, 1302.3, 0.0); (396609.1,
3817531.4, 977.1, 1302.3, 0.0);
(396590.7, 3817546.2, 979.8, 1302.3, 0.0); (396572.3,
3817561.1, 983.8, 1302.3, 0.0);
(396554.0, 3817575.9, 987.7, 1302.3, 0.0); (396535.6,
3817590.7, 990.8, 1302.3, 0.0);
(396517.2, 3817605.6, 992.4, 1302.3, 0.0); (396498.8,
3817620.4, 992.6, 1302.3, 0.0);
(396480.5, 3817635.2, 991.8, 1302.3, 0.0); (396462.1,
3817650.1, 992.6, 1302.3, 0.0);
(396443.7, 3817664.9, 993.4, 1302.3, 0.0); (396425.3,
3817679.8, 994.9, 1302.3, 0.0);
(396406.9, 3817694.6, 995.8, 1302.3, 0.0); (396388.6,
3817709.4, 996.5, 1302.3, 0.0);
(396370.2, 3817724.3, 996.9, 1298.6, 0.0); (396351.8,
3817739.1, 997.2, 1295.8, 0.0);
(396333.4, 3817753.9, 997.8, 1276.5, 0.0); (396315.0,
3817768.8, 998.2, 1276.5, 0.0);
(396296.7, 3817783.6, 998.5, 1276.5, 0.0); (396278.3,
3817798.5, 999.1, 1273.3, 0.0);
(396236.3, 3817814.0, 1001.9, 1273.3, 0.0); (396212.7,
3817814.6, 1003.9, 1273.3, 0.0);
(396189.1, 3817815.3, 1006.3, 1272.6, 0.0); (396165.5,
3817816.0, 1008.9, 1239.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 101

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396141.9, 3817816.7, 1011.8, 1239.7, 0.0); (396118.2,
3817817.3, 1014.8, 1186.5, 0.0);
(396094.6, 3817818.0, 1018.1, 1186.5, 0.0); (396071.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817818.7,  | 1021.8,    | 1186.5, | 0.0);   |       |             |
| ( 396047.4, | 3817819.4, | 1026.5, | 1186.5, | 0.0); | ( 396023.8, |
| 3817820.1,  | 1032.8,    | 1186.5, | 0.0);   |       |             |
| ( 396000.2, | 3817820.7, | 1040.3, | 1186.5, | 0.0); | ( 395976.6, |
| 3817821.4,  | 1048.1,    | 1186.5, | 0.0);   |       |             |
| ( 395953.0, | 3817822.1, | 1054.5, | 1186.5, | 0.0); | ( 395929.4, |
| 3817822.8,  | 1058.2,    | 1186.5, | 0.0);   |       |             |
| ( 395905.8, | 3817823.4, | 1059.6, | 1186.5, | 0.0); | ( 395882.1, |
| 3817824.1,  | 1057.8,    | 1186.5, | 0.0);   |       |             |
| ( 395858.5, | 3817824.8, | 1052.6, | 1186.5, | 0.0); | ( 395834.9, |
| 3817825.5,  | 1052.0,    | 1186.5, | 0.0);   |       |             |
| ( 395811.3, | 3817826.1, | 1057.3, | 1186.5, | 0.0); | ( 395787.7, |
| 3817826.8,  | 1056.2,    | 1186.5, | 0.0);   |       |             |
| ( 395764.1, | 3817827.5, | 1056.9, | 1186.5, | 0.0); | ( 395740.5, |
| 3817828.2,  | 1061.2,    | 1186.5, | 0.0);   |       |             |
| ( 396682.6, | 3817472.0, | 962.8,  | 1606.9, | 0.0); | ( 396695.8, |
| 3817451.3,  | 961.5,     | 1606.9, | 0.0);   |       |             |
| ( 396874.7, | 3817621.4, | 969.5,  | 1606.9, | 0.0); | ( 396855.8, |
| 3817636.6,  | 969.6,     | 1606.9, | 0.0);   |       |             |
| ( 396837.0, | 3817651.9, | 969.4,  | 1606.9, | 0.0); | ( 396818.1, |
| 3817667.1,  | 969.1,     | 1606.9, | 0.0);   |       |             |
| ( 396799.3, | 3817682.3, | 969.1,  | 1606.9, | 0.0); | ( 396780.4, |
| 3817697.5,  | 970.9,     | 1302.3, | 0.0);   |       |             |
| ( 396761.5, | 3817712.8, | 973.3,  | 1302.3, | 0.0); | ( 396742.7, |
| 3817728.0,  | 973.1,     | 1302.3, | 0.0);   |       |             |
| ( 396723.8, | 3817743.2, | 971.4,  | 1302.3, | 0.0); | ( 396705.0, |
| 3817758.5,  | 971.8,     | 1302.3, | 0.0);   |       |             |
| ( 396686.1, | 3817773.7, | 973.5,  | 1302.3, | 0.0); | ( 396667.2, |
| 3817788.9,  | 975.0,     | 1302.3, | 0.0);   |       |             |
| ( 396648.4, | 3817804.1, | 976.6,  | 1302.3, | 0.0); | ( 396629.5, |
| 3817819.4,  | 978.0,     | 1302.3, | 0.0);   |       |             |
| ( 396610.6, | 3817834.6, | 979.9,  | 1302.3, | 0.0); | ( 396591.8, |
| 3817849.8,  | 981.5,     | 1302.3, | 0.0);   |       |             |
| ( 396572.9, | 3817865.1, | 983.5,  | 1302.3, | 0.0); | ( 396554.0, |
| 3817880.3,  | 985.5,     | 1302.3, | 0.0);   |       |             |
| ( 396535.2, | 3817895.5, | 987.9,  | 1302.3, | 0.0); | ( 396516.3, |
| 3817910.8,  | 990.0,     | 1302.3, | 0.0);   |       |             |
| ( 396497.5, | 3817926.0, | 992.2,  | 1302.3, | 0.0); | ( 396478.6, |
| 3817941.2,  | 994.1,     | 1295.8, | 0.0);   |       |             |
| ( 396459.7, | 3817956.4, | 996.0,  | 1276.5, | 0.0); | ( 396440.9, |
| 3817971.7,  | 997.7,     | 1276.5, | 0.0);   |       |             |
| ( 396422.0, | 3817986.9, | 999.5,  | 1276.5, | 0.0); | ( 396403.1, |
| 3818002.1,  | 1001.4,    | 1276.5, | 0.0);   |       |             |
| ( 396384.3, | 3818017.3, | 1003.2, | 1276.5, | 0.0); | ( 396365.4, |
| 3818032.6,  | 1005.0,    | 1276.5, | 0.0);   |       |             |
| ( 396322.3, | 3818048.5, | 1006.8, | 1273.3, | 0.0); | ( 396298.1, |
| 3818049.2,  | 1006.7,    | 1273.3, | 0.0);   |       |             |
| ( 396273.8, | 3818049.9, | 1006.5, | 1273.3, | 0.0); | ( 396249.6, |
| 3818050.6,  | 1005.5,    | 1439.5, | 0.0);   |       |             |
| ( 396225.4, | 3818051.3, | 1005.0, | 1439.5, | 0.0); | ( 396201.1, |

```

3818052.0, 1006.3, 1439.5, 0.0);
(396176.9, 3818052.7, 1009.2, 1439.5, 0.0); (396152.7,
3818053.3, 1012.3, 1439.5, 0.0);
(396128.5, 3818054.0, 1015.1, 1439.5, 0.0); (396104.2,
3818054.7, 1017.8, 1234.6, 0.0);
(396080.0, 3818055.4, 1020.8, 1233.5, 0.0); (396055.8,
3818056.1, 1023.7, 1225.3, 0.0);
(396031.5, 3818056.8, 1026.7, 1225.3, 0.0); (396007.3,
3818057.5, 1029.8, 1225.3, 0.0);
(395983.0, 3818058.2, 1033.1, 1186.5, 0.0); (395958.8,
3818058.9, 1036.9, 1186.5, 0.0);
(395934.6, 3818059.6, 1041.3, 1186.5, 0.0); (395910.4,
3818060.3, 1046.1, 1186.5, 0.0);
(395886.1, 3818061.0, 1051.1, 1186.5, 0.0); (395861.9,
3818061.7, 1056.3, 1186.5, 0.0);
(395837.7, 3818062.4, 1061.8, 1186.5, 0.0); (395813.4,
3818063.1, 1068.5, 1186.5, 0.0);
(395789.2, 3818063.8, 1076.0, 1186.5, 0.0); (395765.0,
3818064.5, 1084.4, 1185.7, 0.0);
(395740.7, 3818065.1, 1094.1, 1185.7, 0.0); (395716.5,
3818065.8, 1104.7, 1185.7, 0.0);
(395692.3, 3818066.5, 1116.3, 1185.7, 0.0); (395668.0,
3818067.2, 1128.3, 1185.7, 0.0);
(396893.6, 3817606.2, 969.5, 1606.9, 0.0); (396906.8,
3817585.4, 968.5, 1606.9, 0.0);
(397085.9, 3817755.4, 975.9, 1606.9, 0.0); (397067.2,
3817770.4, 976.2, 1606.9, 0.0);
(397048.6, 3817785.5, 975.9, 1606.9, 0.0); (397030.0,
3817800.5, 974.9, 1606.9, 0.0);
(397011.3, 3817815.6, 974.5, 1606.9, 0.0); (396992.6,
3817830.7, 974.5, 1606.9, 0.0);
(396974.0, 3817845.7, 974.6, 1302.3, 0.0); (396955.3,
3817860.8, 975.6, 1302.3, 0.0);
(396936.7, 3817875.8, 977.3, 1302.3, 0.0); (396918.1,
3817890.9, 979.3, 1302.3, 0.0);
(396899.4, 3817905.9, 980.8, 1302.3, 0.0); (396880.8,
3817921.0, 982.2, 1302.3, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 102

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396862.1, 3817936.0, 985.1, 1302.3, 0.0); (396843.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817951.1,  | 990.2,     | 1302.3, | 0.0);   |       |             |
| ( 396824.8, | 3817966.1, | 996.1,  | 1302.3, | 0.0); | ( 396806.2, |
| 3817981.2,  | 1003.0,    | 1302.3, | 0.0);   |       |             |
| ( 396787.5, | 3817996.3, | 1009.2, | 1302.3, | 0.0); | ( 396768.9, |
| 3818011.3,  | 1015.4,    | 1276.5, | 0.0);   |       |             |
| ( 396750.2, | 3818026.4, | 1020.8, | 1276.5, | 0.0); | ( 396731.6, |
| 3818041.4,  | 1025.2,    | 1276.5, | 0.0);   |       |             |
| ( 396712.9, | 3818056.5, | 1029.6, | 1276.5, | 0.0); | ( 396694.3, |
| 3818071.5,  | 1033.3,    | 1276.5, | 0.0);   |       |             |
| ( 396675.6, | 3818086.6, | 1036.5, | 1276.5, | 0.0); | ( 396657.0, |
| 3818101.6,  | 1039.5,    | 1274.8, | 0.0);   |       |             |
| ( 396638.3, | 3818116.7, | 1042.1, | 1273.3, | 0.0); | ( 396619.7, |
| 3818131.8,  | 1045.3,    | 1273.3, | 0.0);   |       |             |
| ( 396601.0, | 3818146.8, | 1050.6, | 1239.7, | 0.0); | ( 396582.4, |
| 3818161.9,  | 1055.8,    | 1239.7, | 0.0);   |       |             |
| ( 396563.7, | 3818176.9, | 1057.2, | 1185.7, | 0.0); | ( 396545.1, |
| 3818192.0,  | 1055.4,    | 1185.7, | 0.0);   |       |             |
| ( 396526.4, | 3818207.0, | 1052.3, | 1185.7, | 0.0); | ( 396507.8, |
| 3818222.1,  | 1054.8,    | 1185.7, | 0.0);   |       |             |
| ( 396489.1, | 3818237.1, | 1059.3, | 1185.7, | 0.0); | ( 396470.5, |
| 3818252.2,  | 1062.6,    | 1185.7, | 0.0);   |       |             |
| ( 396451.8, | 3818267.2, | 1064.0, | 1185.7, | 0.0); | ( 396409.2, |
| 3818283.0,  | 1058.8,    | 1185.7, | 0.0);   |       |             |
| ( 396385.3, | 3818283.7, | 1055.4, | 1225.3, | 0.0); | ( 396361.3, |
| 3818284.4,  | 1053.3,    | 1225.3, | 0.0);   |       |             |
| ( 396337.4, | 3818285.0, | 1051.4, | 1225.3, | 0.0); | ( 396313.4, |
| 3818285.7,  | 1049.5,    | 1225.3, | 0.0);   |       |             |
| ( 396289.4, | 3818286.4, | 1047.7, | 1225.3, | 0.0); | ( 396265.5, |
| 3818287.1,  | 1046.1,    | 1226.0, | 0.0);   |       |             |
| ( 396241.5, | 3818287.8, | 1043.9, | 1233.5, | 0.0); | ( 396217.6, |
| 3818288.5,  | 1040.9,    | 1234.6, | 0.0);   |       |             |
| ( 396193.6, | 3818289.2, | 1037.8, | 1234.6, | 0.0); | ( 396169.7, |
| 3818289.8,  | 1034.8,    | 1234.6, | 0.0);   |       |             |
| ( 396145.7, | 3818290.5, | 1032.5, | 1234.6, | 0.0); | ( 396121.7, |
| 3818291.2,  | 1029.6,    | 1439.5, | 0.0);   |       |             |
| ( 396097.8, | 3818291.9, | 1026.8, | 1439.5, | 0.0); | ( 396073.8, |
| 3818292.6,  | 1025.2,    | 1439.5, | 0.0);   |       |             |
| ( 396049.9, | 3818293.3, | 1024.3, | 1439.5, | 0.0); | ( 396025.9, |
| 3818294.0,  | 1024.3,    | 1439.5, | 0.0);   |       |             |
| ( 396002.0, | 3818294.7, | 1025.8, | 1439.5, | 0.0); | ( 395978.0, |
| 3818295.3,  | 1028.5,    | 1439.5, | 0.0);   |       |             |
| ( 395954.0, | 3818296.0, | 1031.5, | 1439.5, | 0.0); | ( 395930.1, |
| 3818296.7,  | 1034.3,    | 1439.5, | 0.0);   |       |             |
| ( 395906.1, | 3818297.4, | 1037.0, | 1439.5, | 0.0); | ( 395882.2, |
| 3818298.1,  | 1039.6,    | 1439.5, | 0.0);   |       |             |
| ( 395858.2, | 3818298.8, | 1042.1, | 1439.5, | 0.0); | ( 395834.2, |
| 3818299.5,  | 1045.0,    | 1439.5, | 0.0);   |       |             |
| ( 395810.3, | 3818300.1, | 1048.1, | 1439.5, | 0.0); | ( 395786.3, |
| 3818300.8,  | 1051.6,    | 1439.5, | 0.0);   |       |             |
| ( 395762.4, | 3818301.5, | 1055.5, | 1439.5, | 0.0); | ( 395738.4, |

```

3818302.2, 1060.2, 1439.5, 0.0);
(395714.5, 3818302.9, 1067.9, 1186.5, 0.0); (395690.5,
3818303.6, 1078.4, 1186.5, 0.0);
(395666.5, 3818304.3, 1090.1, 1186.5, 0.0); (395642.6,
3818304.9, 1098.0, 1185.7, 0.0);
(395618.6, 3818305.6, 1100.2, 1185.7, 0.0); (395594.7,
3818306.3, 1100.3, 1185.7, 0.0);
(397104.5, 3817740.3, 975.3, 1606.9, 0.0); (397117.7,
3817719.6, 974.6, 1606.9, 0.0);
(397296.6, 3817889.8, 978.4, 1606.9, 0.0); (397277.6,
3817905.0, 978.5, 1606.9, 0.0);
(397258.7, 3817920.3, 978.9, 1606.9, 0.0); (397239.7,
3817935.6, 979.8, 1606.9, 0.0);
(397220.8, 3817950.9, 980.4, 1606.9, 0.0); (397201.8,
3817966.2, 980.9, 1606.9, 0.0);
(397182.9, 3817981.5, 981.4, 1302.3, 0.0); (397164.0,
3817996.8, 981.8, 1302.3, 0.0);
(397145.0, 3818012.1, 981.6, 1302.3, 0.0); (397126.1,
3818027.4, 981.1, 1302.3, 0.0);
(397107.1, 3818042.7, 980.8, 1302.3, 0.0); (397088.2,
3818058.0, 981.0, 1302.3, 0.0);
(397069.2, 3818073.3, 983.2, 1302.3, 0.0); (397050.3,
3818088.6, 986.2, 1302.3, 0.0);
(397031.3, 3818103.9, 987.4, 1302.3, 0.0); (397012.4,
3818119.2, 988.3, 1302.3, 0.0);
(396993.5, 3818134.5, 989.8, 1302.3, 0.0); (396974.5,
3818149.8, 991.4, 1302.3, 0.0);
(396955.6, 3818165.0, 993.3, 1302.3, 0.0); (396936.6,
3818180.3, 995.9, 1302.3, 0.0);
(396917.7, 3818195.6, 999.0, 1302.3, 0.0); (396898.7,
3818210.9, 1002.4, 1302.3, 0.0);
(396879.8, 3818226.2, 1005.8, 1276.5, 0.0); (396860.8,
3818241.5, 1009.0, 1276.5, 0.0);
(396841.9, 3818256.8, 1012.8, 1276.5, 0.0); (396822.9,
3818272.1, 1016.6, 1276.5, 0.0);
(396804.0, 3818287.4, 1020.2, 1276.5, 0.0); (396785.1,
3818302.7, 1023.2, 1276.5, 0.0);
(396766.1, 3818318.0, 1026.3, 1276.5, 0.0); (396747.2,
3818333.3, 1029.1, 1276.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 103

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 396728.2, 3818348.6, 1031.3, 1276.5, | 0.0); | ( 396709.3, |
| 3818363.9, 1033.1, 1276.5, 0.0);       |       |             |
| ( 396690.3, 3818379.2, 1034.8, 1276.5, | 0.0); | ( 396671.4, |
| 3818394.5, 1037.2, 1276.5, 0.0);       |       |             |
| ( 396652.4, 3818409.8, 1038.8, 1274.8, | 0.0); | ( 396633.5, |
| 3818425.0, 1039.9, 1273.3, 0.0);       |       |             |
| ( 396614.5, 3818440.3, 1042.5, 1273.3, | 0.0); | ( 396595.6, |
| 3818455.6, 1045.8, 1273.3, 0.0);       |       |             |
| ( 396576.7, 3818470.9, 1049.3, 1239.7, | 0.0); | ( 396557.7, |
| 3818486.2, 1053.5, 1234.6, 0.0);       |       |             |
| ( 396538.8, 3818501.5, 1059.3, 1234.6, | 0.0); | ( 396495.5, |
| 3818517.5, 1077.4, 1225.3, 0.0);       |       |             |
| ( 396471.1, 3818518.2, 1088.6, 1134.0, | 0.0); | ( 396446.8, |
| 3818518.9, 1099.8, 1134.0, 0.0);       |       |             |
| ( 396422.5, 3818519.6, 1110.6, 1134.0, | 0.0); | ( 396398.1, |
| 3818520.3, 1119.9, 1134.0, 0.0);       |       |             |
| ( 396373.8, 3818521.0, 1125.4, 1134.0, | 0.0); | ( 396349.5, |
| 3818521.7, 1125.8, 1134.0, 0.0);       |       |             |
| ( 396325.1, 3818522.4, 1123.6, 1134.0, | 0.0); | ( 396300.8, |
| 3818523.1, 1120.6, 1134.0, 0.0);       |       |             |
| ( 396276.5, 3818523.8, 1116.5, 1134.0, | 0.0); | ( 396252.1, |
| 3818524.5, 1113.0, 1134.0, 0.0);       |       |             |
| ( 396227.8, 3818525.2, 1108.3, 1134.0, | 0.0); | ( 396203.4, |
| 3818525.9, 1100.9, 1185.7, 0.0);       |       |             |
| ( 396179.1, 3818526.6, 1092.4, 1185.7, | 0.0); | ( 396154.8, |
| 3818527.3, 1084.4, 1185.7, 0.0);       |       |             |
| ( 396130.4, 3818528.0, 1077.9, 1225.3, | 0.0); | ( 396106.1, |
| 3818528.7, 1076.3, 1225.3, 0.0);       |       |             |
| ( 396081.8, 3818529.4, 1077.6, 1225.3, | 0.0); | ( 396057.4, |
| 3818530.1, 1079.9, 1185.7, 0.0);       |       |             |
| ( 396033.1, 3818530.8, 1081.4, 1185.7, | 0.0); | ( 396008.7, |
| 3818531.4, 1079.0, 1185.7, 0.0);       |       |             |
| ( 395984.4, 3818532.1, 1071.4, 1225.3, | 0.0); | ( 395960.1, |
| 3818532.8, 1061.6, 1234.6, 0.0);       |       |             |
| ( 395935.7, 3818533.5, 1053.5, 1439.5, | 0.0); | ( 395911.4, |
| 3818534.2, 1048.4, 1439.5, 0.0);       |       |             |
| ( 395887.0, 3818534.9, 1045.3, 1439.5, | 0.0); | ( 395862.7, |
| 3818535.6, 1042.6, 1439.5, 0.0);       |       |             |
| ( 395838.4, 3818536.3, 1041.3, 1439.5, | 0.0); | ( 395814.0, |
| 3818537.0, 1041.9, 1439.5, 0.0);       |       |             |
| ( 395789.7, 3818537.7, 1043.9, 1439.5, | 0.0); | ( 395765.4, |
| 3818538.4, 1046.0, 1439.5, 0.0);       |       |             |
| ( 395741.0, 3818539.1, 1048.7, 1439.5, | 0.0); | ( 395716.7, |
| 3818539.8, 1051.1, 1439.5, 0.0);       |       |             |
| ( 395692.3, 3818540.5, 1053.4, 1439.5, | 0.0); | ( 395668.0, |
| 3818541.2, 1056.0, 1439.5, 0.0);       |       |             |
| ( 395643.7, 3818541.9, 1058.9, 1439.5, | 0.0); | ( 395619.3, |
| 3818542.6, 1061.6, 1439.5, 0.0);       |       |             |
| ( 395595.0, 3818543.3, 1064.5, 1439.5, | 0.0); | ( 395570.7, |

```

3818544.0, 1068.4, 1439.5, 0.0);
(395546.3, 3818544.7, 1072.6, 1439.5, 0.0); (395522.0,
3818545.4, 1076.2, 1439.5, 0.0);
(397315.5, 3817874.5, 978.1, 1606.9, 0.0); (397328.7,
3817853.7, 976.9, 1606.9, 0.0);
(397507.7, 3818023.8, 978.3, 1606.9, 0.0); (397488.9,
3818038.9, 978.8, 1606.9, 0.0);
(397470.1, 3818054.1, 979.5, 1606.9, 0.0); (397451.4,
3818069.2, 980.1, 1606.9, 0.0);
(397432.6, 3818084.4, 980.9, 1606.9, 0.0); (397413.8,
3818099.5, 981.4, 1606.9, 0.0);
(397395.0, 3818114.7, 981.8, 1606.9, 0.0); (397376.3,
3818129.9, 982.6, 1606.9, 0.0);
(397357.5, 3818145.0, 983.4, 1302.3, 0.0); (397338.7,
3818160.2, 983.9, 1302.3, 0.0);
(397319.9, 3818175.3, 984.6, 1302.3, 0.0); (397301.2,
3818190.5, 985.6, 1302.3, 0.0);
(397282.4, 3818205.6, 986.4, 1302.3, 0.0); (397263.6,
3818220.8, 987.0, 1302.3, 0.0);
(397244.8, 3818236.0, 987.7, 1302.3, 0.0); (397226.1,
3818251.1, 988.3, 1302.3, 0.0);
(397207.3, 3818266.3, 988.4, 1302.3, 0.0); (397188.5,
3818281.4, 987.9, 1302.3, 0.0);
(397169.7, 3818296.6, 988.1, 1302.3, 0.0); (397151.0,
3818311.8, 987.9, 1302.3, 0.0);
(397132.2, 3818326.9, 987.7, 1302.3, 0.0); (397113.4,
3818342.1, 987.8, 1302.3, 0.0);
(397094.6, 3818357.2, 988.8, 1302.3, 0.0); (397075.9,
3818372.4, 990.7, 1302.3, 0.0);
(397057.1, 3818387.5, 991.6, 1302.3, 0.0); (397038.3,
3818402.7, 992.4, 1302.3, 0.0);
(397019.5, 3818417.9, 995.4, 1302.3, 0.0); (397000.8,
3818433.0, 996.9, 1276.5, 0.0);
(396982.0, 3818448.2, 997.7, 1276.5, 0.0); (396963.2,
3818463.3, 998.4, 1276.5, 0.0);
(396944.4, 3818478.5, 997.9, 1276.5, 0.0); (396925.6,
3818493.6, 997.5, 1276.5, 0.0);
(396906.9, 3818508.8, 997.8, 1361.7, 0.0); (396888.1,
3818524.0, 998.1, 1363.4, 0.0);
(396869.3, 3818539.1, 998.8, 1379.1, 0.0); (396850.5,
3818554.3, 999.6, 1379.4, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 104

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 396831.8, 3818569.4, 1000.4, 1379.4, 0.0); | ( 396813.0, |
| 3818584.6, 1001.3, 1379.4, 0.0);             |             |
| ( 396794.2, 3818599.8, 1002.3, 1379.4, 0.0); | ( 396775.5, |
| 3818614.9, 1003.2, 1379.4, 0.0);             |             |
| ( 396756.7, 3818630.1, 1004.4, 1379.4, 0.0); | ( 396737.9, |
| 3818645.2, 1005.5, 1439.5, 0.0);             |             |
| ( 396719.1, 3818660.4, 1006.5, 1439.5, 0.0); | ( 396700.3, |
| 3818675.5, 1007.7, 1439.5, 0.0);             |             |
| ( 396681.6, 3818690.7, 1008.7, 1439.5, 0.0); | ( 396662.8, |
| 3818705.8, 1009.1, 1439.5, 0.0);             |             |
| ( 396644.0, 3818721.0, 1010.0, 1439.5, 0.0); | ( 396625.2, |
| 3818736.2, 1011.1, 1439.5, 0.0);             |             |
| ( 396582.3, 3818752.0, 1011.4, 1439.5, 0.0); | ( 396558.2, |
| 3818752.7, 1011.4, 1439.5, 0.0);             |             |
| ( 396534.1, 3818753.4, 1011.8, 1439.5, 0.0); | ( 396510.0, |
| 3818754.1, 1012.7, 1439.5, 0.0);             |             |
| ( 396485.9, 3818754.8, 1014.4, 1439.5, 0.0); | ( 396461.8, |
| 3818755.5, 1016.6, 1439.5, 0.0);             |             |
| ( 396437.6, 3818756.2, 1018.6, 1439.5, 0.0); | ( 396413.5, |
| 3818756.8, 1020.2, 1439.5, 0.0);             |             |
| ( 396389.4, 3818757.5, 1021.6, 1439.5, 0.0); | ( 396365.3, |
| 3818758.2, 1022.2, 1439.5, 0.0);             |             |
| ( 396341.1, 3818758.9, 1021.8, 1439.5, 0.0); | ( 396317.0, |
| 3818759.6, 1021.5, 1439.5, 0.0);             |             |
| ( 396292.9, 3818760.3, 1021.8, 1439.5, 0.0); | ( 396268.8, |
| 3818761.0, 1022.6, 1439.5, 0.0);             |             |
| ( 396244.7, 3818761.7, 1023.2, 1439.5, 0.0); | ( 396220.5, |
| 3818762.4, 1023.4, 1439.5, 0.0);             |             |
| ( 396196.4, 3818763.1, 1023.5, 1439.5, 0.0); | ( 396172.3, |
| 3818763.8, 1024.0, 1439.5, 0.0);             |             |
| ( 396148.2, 3818764.4, 1024.7, 1439.5, 0.0); | ( 396124.1, |
| 3818765.1, 1025.5, 1439.5, 0.0);             |             |
| ( 396099.9, 3818765.8, 1026.2, 1439.5, 0.0); | ( 396075.8, |
| 3818766.5, 1026.5, 1439.5, 0.0);             |             |
| ( 396051.7, 3818767.2, 1027.0, 1439.5, 0.0); | ( 396027.6, |
| 3818767.9, 1027.8, 1439.5, 0.0);             |             |
| ( 396003.5, 3818768.6, 1028.8, 1439.5, 0.0); | ( 395979.3, |
| 3818769.3, 1029.8, 1439.5, 0.0);             |             |
| ( 395955.2, 3818770.0, 1030.5, 1439.5, 0.0); | ( 395931.1, |
| 3818770.7, 1031.1, 1439.5, 0.0);             |             |
| ( 395907.0, 3818771.3, 1031.7, 1439.5, 0.0); | ( 395882.9, |
| 3818772.0, 1032.9, 1439.5, 0.0);             |             |
| ( 395858.7, 3818772.7, 1034.5, 1439.5, 0.0); | ( 395834.6, |
| 3818773.4, 1035.9, 1439.5, 0.0);             |             |
| ( 395810.5, 3818774.1, 1037.1, 1439.5, 0.0); | ( 395786.4, |
| 3818774.8, 1038.3, 1439.5, 0.0);             |             |
| ( 395762.2, 3818775.5, 1039.8, 1439.5, 0.0); | ( 395738.1, |

```

3818776.2, 1041.7, 1439.5, 0.0);
(395714.0, 3818776.9, 1043.7, 1439.5, 0.0); (395689.9,
3818777.6, 1045.8, 1439.5, 0.0);
(395665.8, 3818778.3, 1047.9, 1439.5, 0.0); (395641.6,
3818778.9, 1049.9, 1439.5, 0.0);
(395617.5, 3818779.6, 1052.1, 1439.5, 0.0); (395593.4,
3818780.3, 1055.0, 1439.5, 0.0);
(395569.3, 3818781.0, 1058.3, 1439.5, 0.0); (395545.2,
3818781.7, 1061.3, 1439.5, 0.0);
(395521.0, 3818782.4, 1064.9, 1439.5, 0.0); (395496.9,
3818783.1, 1068.1, 1439.5, 0.0);
(395472.8, 3818783.8, 1072.8, 1439.5, 0.0); (395448.7,
3818784.5, 1077.8, 1439.5, 0.0);
(397526.5, 3818008.6, 978.3, 1606.9, 0.0); (397539.7,
3817987.8, 979.2, 1606.9, 0.0);
(397929.6, 3818292.1, 1021.2, 1302.3, 0.0); (397910.7,
3818307.3, 1016.9, 1302.3, 0.0);
(397891.9, 3818322.5, 1013.1, 1302.3, 0.0); (397873.0,
3818337.8, 1009.5, 1302.3, 0.0);
(397854.2, 3818353.0, 1006.0, 1302.3, 0.0); (397835.3,
3818368.2, 1002.8, 1302.3, 0.0);
(397816.5, 3818383.4, 999.9, 1302.3, 0.0); (397797.6,
3818398.6, 997.4, 1302.3, 0.0);
(397778.8, 3818413.8, 995.1, 1302.3, 0.0); (397759.9,
3818429.0, 992.0, 1302.3, 0.0);
(397741.1, 3818444.3, 990.2, 1302.3, 0.0); (397722.2,
3818459.5, 989.0, 1302.3, 0.0);
(397703.4, 3818474.7, 987.1, 1302.3, 0.0); (397684.5,
3818489.9, 985.1, 1302.3, 0.0);
(397665.7, 3818505.1, 983.3, 1302.3, 0.0); (397646.8,
3818520.4, 981.8, 1302.3, 0.0);
(397628.0, 3818535.6, 981.0, 1302.3, 0.0); (397609.1,
3818550.8, 980.4, 1302.3, 0.0);
(397590.3, 3818566.0, 980.2, 1302.3, 0.0); (397571.4,
3818581.2, 980.4, 1302.3, 0.0);
(397552.6, 3818596.4, 981.1, 1302.3, 0.0); (397533.7,
3818611.7, 982.5, 1302.3, 0.0);
(397514.9, 3818626.9, 983.3, 1302.3, 0.0); (397496.0,
3818642.1, 983.8, 1302.3, 0.0);
(397477.2, 3818657.3, 985.3, 1302.3, 0.0); (397458.3,
3818672.5, 988.1, 1302.3, 0.0);
(397439.5, 3818687.7, 992.6, 1302.3, 0.0); (397420.6,
3818703.0, 998.0, 1276.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 397401.8, 3818718.2, 1005.8, 1276.5, 0.0); | ( 397382.9, |
| 3818733.4, 1015.3, 1276.5, 0.0);             |             |
| ( 397364.1, 3818748.6, 1026.9, 1276.5, 0.0); | ( 397345.2, |
| 3818763.8, 1039.4, 1276.5, 0.0);             |             |
| ( 397326.4, 3818779.0, 1052.6, 1276.5, 0.0); | ( 397307.5, |
| 3818794.3, 1065.8, 1276.5, 0.0);             |             |
| ( 397288.7, 3818809.5, 1078.8, 1276.5, 0.0); | ( 397269.8, |
| 3818824.7, 1090.7, 1274.8, 0.0);             |             |
| ( 397251.0, 3818839.9, 1098.8, 1273.3, 0.0); | ( 397232.1, |
| 3818855.1, 1101.5, 1154.5, 0.0);             |             |
| ( 397213.3, 3818870.3, 1100.8, 1154.5, 0.0); | ( 397194.4, |
| 3818885.6, 1097.1, 1154.5, 0.0);             |             |
| ( 397175.6, 3818900.8, 1092.4, 1272.0, 0.0); | ( 397156.7, |
| 3818916.0, 1090.0, 1272.0, 0.0);             |             |
| ( 397137.9, 3818931.2, 1089.7, 1272.0, 0.0); | ( 397119.0, |
| 3818946.4, 1089.5, 1225.3, 0.0);             |             |
| ( 397100.2, 3818961.6, 1090.4, 1233.5, 0.0); | ( 397081.3, |
| 3818976.9, 1091.3, 1234.6, 0.0);             |             |
| ( 397062.5, 3818992.1, 1092.1, 1234.6, 0.0); | ( 397043.6, |
| 3819007.3, 1094.4, 1234.6, 0.0);             |             |
| ( 397024.8, 3819022.5, 1097.1, 1234.6, 0.0); | ( 397005.9, |
| 3819037.7, 1103.4, 1225.3, 0.0);             |             |
| ( 396987.1, 3819052.9, 1110.6, 1176.9, 0.0); | ( 396968.2, |
| 3819068.2, 1119.2, 1154.5, 0.0);             |             |
| ( 396949.4, 3819083.4, 1122.8, 1154.5, 0.0); | ( 396930.5, |
| 3819098.6, 1119.1, 1176.9, 0.0);             |             |
| ( 396911.7, 3819113.8, 1111.8, 1234.6, 0.0); | ( 396892.8, |
| 3819129.0, 1102.9, 1234.6, 0.0);             |             |
| ( 396874.0, 3819144.2, 1095.1, 1234.6, 0.0); | ( 396855.1, |
| 3819159.5, 1089.3, 1234.6, 0.0);             |             |
| ( 396836.3, 3819174.7, 1086.1, 1234.6, 0.0); | ( 396817.5, |
| 3819189.9, 1085.5, 1234.6, 0.0);             |             |
| ( 396798.6, 3819205.1, 1083.9, 1234.6, 0.0); | ( 396755.5, |
| 3819221.0, 1080.4, 1234.6, 0.0);             |             |
| ( 396731.3, 3819221.7, 1077.5, 1234.6, 0.0); | ( 396707.1, |
| 3819222.4, 1074.7, 1234.6, 0.0);             |             |
| ( 396682.9, 3819223.1, 1071.9, 1234.6, 0.0); | ( 396658.7, |
| 3819223.8, 1068.6, 1361.7, 0.0);             |             |
| ( 396634.5, 3819224.5, 1065.3, 1379.4, 0.0); | ( 396610.2, |
| 3819225.2, 1063.2, 1379.4, 0.0);             |             |
| ( 396586.0, 3819225.9, 1062.2, 1379.4, 0.0); | ( 396561.8, |
| 3819226.6, 1060.8, 1379.4, 0.0);             |             |
| ( 396537.6, 3819227.3, 1059.6, 1379.4, 0.0); | ( 396513.4, |
| 3819228.0, 1061.0, 1379.4, 0.0);             |             |
| ( 396489.2, 3819228.7, 1060.9, 1379.4, 0.0); | ( 396465.0, |

```

3819229.3, 1060.3, 1379.4, 0.0);
(396440.7, 3819230.0, 1059.8, 1439.5, 0.0); (396416.5,
3819230.7, 1059.4, 1439.5, 0.0);
(396392.3, 3819231.4, 1059.3, 1439.5, 0.0); (396368.1,
3819232.1, 1059.4, 1439.5, 0.0);
(396343.9, 3819232.8, 1058.8, 1439.5, 0.0); (396319.7,
3819233.5, 1057.5, 1439.5, 0.0);
(396295.5, 3819234.2, 1056.5, 1439.5, 0.0); (396271.2,
3819234.9, 1056.5, 1439.5, 0.0);
(396247.0, 3819235.6, 1057.3, 1439.5, 0.0); (396222.8,
3819236.3, 1058.0, 1439.5, 0.0);
(396198.6, 3819237.0, 1058.2, 1439.5, 0.0); (396174.4,
3819237.7, 1058.6, 1439.5, 0.0);
(396150.2, 3819238.4, 1060.1, 1439.5, 0.0); (396125.9,
3819239.1, 1062.7, 1439.5, 0.0);
(396101.7, 3819239.8, 1065.9, 1439.5, 0.0); (396077.5,
3819240.4, 1071.7, 1439.5, 0.0);
(396053.3, 3819241.1, 1078.4, 1439.5, 0.0); (396029.1,
3819241.8, 1080.4, 1439.5, 0.0);
(396004.9, 3819242.5, 1074.6, 1439.5, 0.0); (395980.6,
3819243.2, 1067.9, 1439.5, 0.0);
(395956.4, 3819243.9, 1063.1, 1439.5, 0.0); (395932.2,
3819244.6, 1059.9, 1439.5, 0.0);
(395908.0, 3819245.3, 1058.1, 1439.5, 0.0); (395883.8,
3819246.0, 1057.2, 1439.5, 0.0);
(395859.6, 3819246.7, 1056.2, 1439.5, 0.0); (395835.4,
3819247.4, 1054.9, 1439.5, 0.0);
(395811.1, 3819248.1, 1053.0, 1439.5, 0.0); (395786.9,
3819248.8, 1050.7, 1439.5, 0.0);
(395762.7, 3819249.5, 1049.2, 1439.5, 0.0); (395738.5,
3819250.2, 1049.0, 1439.5, 0.0);
(395714.3, 3819250.8, 1050.0, 1439.5, 0.0); (395690.1,
3819251.5, 1052.1, 1439.5, 0.0);
(395665.9, 3819252.2, 1053.1, 1439.5, 0.0); (395641.6,
3819252.9, 1052.9, 1439.5, 0.0);
(395617.4, 3819253.6, 1052.9, 1439.5, 0.0); (395593.2,
3819254.3, 1053.3, 1439.5, 0.0);
(395569.0, 3819255.0, 1054.3, 1439.5, 0.0); (395544.8,
3819255.7, 1055.8, 1439.5, 0.0);
(395520.6, 3819256.4, 1057.4, 1439.5, 0.0); (395496.3,
3819257.1, 1059.2, 1439.5, 0.0);
(395472.1, 3819257.8, 1061.2, 1439.5, 0.0); (395447.9,
3819258.5, 1063.4, 1439.5, 0.0);
(395423.7, 3819259.2, 1065.4, 1439.5, 0.0); (395399.5,
3819259.9, 1066.9, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 395375.3, 3819260.6, 1068.1, 1439.5, 0.0); | ( 395351.1, |
| 3819261.2, 1070.1, 1439.5, 0.0);             |             |
| ( 395326.8, 3819261.9, 1073.9, 1439.5, 0.0); | ( 395302.6, |
| 3819262.6, 1079.0, 1439.5, 0.0);             |             |
| ( 397948.4, 3818276.9, 1025.7, 1302.3, 0.0); | ( 397961.6, |
| 3818256.1, 1031.0, 1302.3, 0.0);             |             |
| ( 398351.4, 3818560.4, 1082.3, 1276.5, 0.0); | ( 398332.5, |
| 3818575.7, 1074.1, 1276.5, 0.0);             |             |
| ( 398313.6, 3818590.9, 1065.0, 1276.5, 0.0); | ( 398294.8, |
| 3818606.2, 1055.5, 1276.5, 0.0);             |             |
| ( 398275.8, 3818621.4, 1047.0, 1276.5, 0.0); | ( 398257.0, |
| 3818636.7, 1039.3, 1276.5, 0.0);             |             |
| ( 398238.1, 3818652.0, 1034.0, 1276.5, 0.0); | ( 398219.2, |
| 3818667.2, 1029.0, 1276.5, 0.0);             |             |
| ( 398200.3, 3818682.5, 1024.3, 1302.3, 0.0); | ( 398181.4, |
| 3818697.7, 1020.0, 1302.3, 0.0);             |             |
| ( 398162.5, 3818713.0, 1016.3, 1302.3, 0.0); | ( 398143.6, |
| 3818728.2, 1012.8, 1302.3, 0.0);             |             |
| ( 398124.7, 3818743.5, 1009.0, 1302.3, 0.0); | ( 398105.8, |
| 3818758.8, 1005.3, 1302.3, 0.0);             |             |
| ( 398086.9, 3818774.0, 1001.7, 1302.3, 0.0); | ( 398068.0, |
| 3818789.3, 998.2, 1302.3, 0.0);              |             |
| ( 398049.1, 3818804.5, 994.8, 1302.3, 0.0);  | ( 398030.2, |
| 3818819.8, 991.5, 1302.3, 0.0);              |             |
| ( 398011.3, 3818835.0, 988.2, 1302.3, 0.0);  | ( 397992.4, |
| 3818850.3, 984.6, 1302.3, 0.0);              |             |
| ( 397973.5, 3818865.5, 982.7, 1302.3, 0.0);  | ( 397954.6, |
| 3818880.8, 980.9, 1302.3, 0.0);              |             |
| ( 397935.7, 3818896.0, 979.0, 1302.3, 0.0);  | ( 397916.8, |
| 3818911.3, 977.0, 1302.3, 0.0);              |             |
| ( 397897.9, 3818926.6, 976.2, 1302.3, 0.0);  | ( 397879.0, |
| 3818941.8, 977.0, 1302.3, 0.0);              |             |
| ( 397860.1, 3818957.1, 978.1, 1302.3, 0.0);  | ( 397841.2, |
| 3818972.3, 981.1, 1302.3, 0.0);              |             |
| ( 397822.3, 3818987.6, 984.1, 1302.3, 0.0);  | ( 397803.4, |
| 3819002.8, 984.9, 1276.5, 0.0);              |             |
| ( 397784.5, 3819018.1, 985.8, 1276.5, 0.0);  | ( 397765.6, |
| 3819033.3, 989.9, 1276.5, 0.0);              |             |
| ( 397746.7, 3819048.6, 994.5, 1276.5, 0.0);  | ( 397727.8, |
| 3819063.9, 998.8, 1276.5, 0.0);              |             |
| ( 397708.9, 3819079.1, 1002.9, 1276.5, 0.0); | ( 397690.0, |
| 3819094.4, 1006.9, 1276.5, 0.0);             |             |
| ( 397671.1, 3819109.6, 1010.6, 1276.5, 0.0); | ( 397652.2, |

```

3819124.9, 1013.7, 1276.5, 0.0);
(397633.3, 3819140.1, 1016.2, 1276.5, 0.0); (397614.4,
3819155.4, 1018.7, 1276.5, 0.0);
(397595.5, 3819170.6, 1020.8, 1276.5, 0.0); (397576.6,
3819185.9, 1023.3, 1276.5, 0.0);
(397557.8, 3819201.2, 1026.2, 1276.5, 0.0); (397538.8,
3819216.4, 1029.6, 1276.5, 0.0);
(397520.0, 3819231.7, 1032.3, 1276.5, 0.0); (397501.1,
3819246.9, 1033.9, 1276.5, 0.0);
(397482.2, 3819262.2, 1035.5, 1276.5, 0.0); (397463.3,
3819277.4, 1038.0, 1276.5, 0.0);
(397444.4, 3819292.7, 1039.9, 1276.5, 0.0); (397425.5,
3819307.9, 1040.5, 1276.5, 0.0);
(397406.6, 3819323.2, 1040.5, 1276.5, 0.0); (397387.7,
3819338.5, 1042.6, 1276.5, 0.0);
(397368.8, 3819353.7, 1045.1, 1276.5, 0.0); (397349.9,
3819369.0, 1047.1, 1276.5, 0.0);
(397331.0, 3819384.2, 1048.6, 1276.5, 0.0); (397312.1,
3819399.5, 1051.0, 1276.5, 0.0);
(397293.2, 3819414.7, 1055.2, 1276.5, 0.0); (397274.3,
3819430.0, 1060.6, 1276.5, 0.0);
(397255.4, 3819445.3, 1065.0, 1273.3, 0.0); (397236.5,
3819460.5, 1063.0, 1273.3, 0.0);
(397217.6, 3819475.8, 1059.2, 1273.3, 0.0); (397198.7,
3819491.0, 1057.3, 1273.3, 0.0);
(397179.8, 3819506.3, 1057.4, 1273.3, 0.0); (397160.9,
3819521.5, 1057.7, 1272.6, 0.0);
(397142.0, 3819536.8, 1057.5, 1272.0, 0.0); (397123.1,
3819552.0, 1059.3, 1272.0, 0.0);
(397104.2, 3819567.3, 1063.7, 1234.6, 0.0); (397085.3,
3819582.6, 1066.6, 1234.6, 0.0);
(397066.4, 3819597.8, 1068.8, 1234.6, 0.0); (397047.5,
3819613.1, 1073.5, 1234.6, 0.0);
(397028.6, 3819628.3, 1079.2, 1234.6, 0.0); (397009.7,
3819643.6, 1085.5, 1234.6, 0.0);
(396990.8, 3819658.8, 1092.0, 1234.6, 0.0); (396971.9,
3819674.1, 1093.8, 1234.6, 0.0);
(396928.8, 3819690.0, 1101.2, 1234.6, 0.0); (396904.5,
3819690.7, 1110.1, 1234.6, 0.0);
(396880.2, 3819691.4, 1121.8, 1234.6, 0.0); (396855.9,
3819692.1, 1134.8, 1234.6, 0.0);
(396831.6, 3819692.8, 1147.7, 1234.6, 0.0); (396807.4,
3819693.5, 1159.5, 1234.6, 0.0);
(396783.1, 3819694.2, 1168.5, 1233.5, 0.0); (396758.8,
3819694.9, 1172.6, 1176.4, 0.0);
(396734.5, 3819695.6, 1172.1, 1233.5, 0.0); (396710.3,
3819696.3, 1167.7, 1234.6, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 107

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 396686.0, 3819697.0, 1160.8, 1234.6, 0.0); | ( 396661.7, |
| 3819697.7, 1155.9, 1234.6, 0.0);             |             |
| ( 396637.4, 3819698.4, 1155.9, 1234.6, 0.0); | ( 396613.1, |
| 3819699.1, 1156.5, 1234.6, 0.0);             |             |
| ( 396588.9, 3819699.8, 1154.1, 1234.6, 0.0); | ( 396564.6, |
| 3819700.5, 1148.2, 1234.6, 0.0);             |             |
| ( 396540.3, 3819701.2, 1137.2, 1234.6, 0.0); | ( 396516.0, |
| 3819701.9, 1124.1, 1234.6, 0.0);             |             |
| ( 396491.8, 3819702.6, 1113.8, 1362.8, 0.0); | ( 396467.5, |
| 3819703.2, 1109.7, 1379.4, 0.0);             |             |
| ( 396443.2, 3819703.9, 1116.5, 1378.7, 0.0); | ( 396418.9, |
| 3819704.6, 1126.6, 1234.6, 0.0);             |             |
| ( 396394.7, 3819705.3, 1133.2, 1234.6, 0.0); | ( 396370.4, |
| 3819706.0, 1135.5, 1234.6, 0.0);             |             |
| ( 396346.1, 3819706.7, 1136.2, 1234.6, 0.0); | ( 396321.8, |
| 3819707.4, 1136.6, 1234.6, 0.0);             |             |
| ( 396297.5, 3819708.1, 1135.5, 1234.6, 0.0); | ( 396273.3, |
| 3819708.8, 1132.4, 1234.6, 0.0);             |             |
| ( 396249.0, 3819709.5, 1129.4, 1378.7, 0.0); | ( 396224.7, |
| 3819710.2, 1132.7, 1362.8, 0.0);             |             |
| ( 396200.5, 3819710.9, 1140.7, 1234.6, 0.0); | ( 396176.2, |
| 3819711.6, 1146.5, 1234.6, 0.0);             |             |
| ( 396151.9, 3819712.3, 1146.5, 1234.6, 0.0); | ( 396127.6, |
| 3819713.0, 1141.9, 1234.6, 0.0);             |             |
| ( 396103.3, 3819713.7, 1136.8, 1379.4, 0.0); | ( 396079.1, |
| 3819714.4, 1132.8, 1379.4, 0.0);             |             |
| ( 396054.8, 3819715.1, 1128.4, 1379.4, 0.0); | ( 396030.5, |
| 3819715.8, 1123.8, 1379.4, 0.0);             |             |
| ( 396006.2, 3819716.5, 1119.5, 1439.5, 0.0); | ( 395982.0, |
| 3819717.2, 1114.2, 1439.5, 0.0);             |             |
| ( 395957.7, 3819717.9, 1109.5, 1439.5, 0.0); | ( 395933.4, |
| 3819718.5, 1106.9, 1439.5, 0.0);             |             |
| ( 395909.1, 3819719.2, 1108.9, 1439.5, 0.0); | ( 395884.8, |
| 3819719.9, 1112.3, 1439.5, 0.0);             |             |
| ( 395860.6, 3819720.6, 1116.9, 1439.5, 0.0); | ( 395836.3, |
| 3819721.3, 1117.2, 1439.5, 0.0);             |             |
| ( 395812.0, 3819722.0, 1110.8, 1439.5, 0.0); | ( 395787.7, |
| 3819722.7, 1102.0, 1439.5, 0.0);             |             |
| ( 395763.5, 3819723.4, 1093.9, 1439.5, 0.0); | ( 395739.2, |
| 3819724.1, 1087.3, 1439.5, 0.0);             |             |
| ( 395714.9, 3819724.8, 1082.6, 1439.5, 0.0); | ( 395690.6, |

3819725.5, 1079.1, 1439.5, 0.0);  
 ( 395666.3, 3819726.2, 1076.0, 1439.5, 0.0); ( 395642.1,  
 3819726.9, 1073.5, 1439.5, 0.0);  
 ( 395617.8, 3819727.6, 1071.3, 1439.5, 0.0); ( 395593.5,  
 3819728.3, 1069.9, 1439.5, 0.0);  
 ( 395569.2, 3819729.0, 1070.5, 1439.5, 0.0); ( 395545.0,  
 3819729.7, 1074.2, 1439.5, 0.0);  
 ( 395520.7, 3819730.4, 1080.6, 1439.5, 0.0); ( 395496.4,  
 3819731.1, 1086.6, 1439.5, 0.0);  
 ( 395472.1, 3819731.8, 1092.6, 1439.5, 0.0); ( 395447.9,  
 3819732.5, 1098.9, 1439.5, 0.0);  
 ( 395423.6, 3819733.1, 1105.9, 1439.5, 0.0); ( 395399.3,  
 3819733.8, 1114.4, 1439.5, 0.0);  
 ( 395375.0, 3819734.5, 1125.1, 1439.5, 0.0); ( 395350.8,  
 3819735.2, 1137.8, 1439.5, 0.0);  
 ( 395326.5, 3819735.9, 1151.3, 1439.5, 0.0); ( 395302.2,  
 3819736.6, 1163.5, 1439.5, 0.0);  
 ( 395277.9, 3819737.3, 1167.6, 1439.5, 0.0); ( 395253.6,  
 3819738.0, 1161.7, 1439.5, 0.0);  
 ( 395229.4, 3819738.7, 1152.3, 1439.5, 0.0); ( 395205.1,  
 3819739.4, 1144.4, 1439.5, 0.0);  
 ( 395180.8, 3819740.1, 1139.7, 1439.5, 0.0); ( 395156.5,  
 3819740.8, 1137.0, 1439.5, 0.0);  
 ( 398370.3, 3818545.2, 1089.5, 1276.5, 0.0); ( 398383.5,  
 3818524.4, 1098.5, 1276.5, 0.0);  
 ( 398773.3, 3818828.7, 1142.8, 1276.5, 0.0); ( 398754.4,  
 3818844.0, 1133.4, 1276.5, 0.0);  
 ( 398735.5, 3818859.3, 1128.4, 1276.5, 0.0); ( 398716.5,  
 3818874.6, 1124.3, 1276.5, 0.0);  
 ( 398697.6, 3818889.9, 1122.3, 1276.5, 0.0); ( 398678.7,  
 3818905.1, 1124.1, 1276.5, 0.0);  
 ( 398659.8, 3818920.4, 1128.2, 1276.5, 0.0); ( 398640.8,  
 3818935.7, 1131.9, 1276.5, 0.0);  
 ( 398621.9, 3818951.0, 1135.7, 1276.5, 0.0); ( 398603.0,  
 3818966.3, 1137.9, 1276.5, 0.0);  
 ( 398584.0, 3818981.6, 1137.9, 1276.5, 0.0); ( 398565.1,  
 3818996.8, 1135.5, 1276.5, 0.0);  
 ( 398546.2, 3819012.1, 1127.8, 1276.5, 0.0); ( 398527.2,  
 3819027.4, 1120.4, 1276.5, 0.0);  
 ( 398508.3, 3819042.7, 1110.8, 1276.5, 0.0); ( 398489.4,  
 3819058.0, 1102.1, 1276.5, 0.0);  
 ( 398470.4, 3819073.3, 1091.7, 1276.5, 0.0); ( 398451.5,  
 3819088.5, 1080.2, 1276.5, 0.0);  
 ( 398432.6, 3819103.8, 1066.8, 1276.5, 0.0); ( 398413.6,  
 3819119.1, 1053.4, 1276.5, 0.0);  
 ( 398394.7, 3819134.4, 1040.2, 1276.5, 0.0); ( 398375.8,  
 3819149.7, 1027.1, 1276.5, 0.0);  
 ( 398356.8, 3819165.0, 1015.1, 1276.5, 0.0); ( 398337.9,  
 3819180.2, 1004.1, 1276.5, 0.0);

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 108

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 398319.0, 3819195.5, 994.8, 1276.5, 0.0);  | ( 398300.0, |
| 3819210.8, 987.2, 1276.5, 0.0);              |             |
| ( 398281.1, 3819226.1, 981.4, 1276.5, 0.0);  | ( 398262.2, |
| 3819241.4, 976.5, 1276.5, 0.0);              |             |
| ( 398243.3, 3819256.7, 972.4, 1276.5, 0.0);  | ( 398224.3, |
| 3819271.9, 968.8, 1302.3, 0.0);              |             |
| ( 398205.4, 3819287.2, 970.3, 1276.5, 0.0);  | ( 398186.5, |
| 3819302.5, 972.2, 1276.5, 0.0);              |             |
| ( 398167.5, 3819317.8, 974.9, 1276.5, 0.0);  | ( 398148.6, |
| 3819333.1, 977.4, 1276.5, 0.0);              |             |
| ( 398129.7, 3819348.4, 976.3, 1276.5, 0.0);  | ( 398110.7, |
| 3819363.6, 975.7, 1276.5, 0.0);              |             |
| ( 398091.8, 3819378.9, 975.6, 1276.5, 0.0);  | ( 398072.9, |
| 3819394.2, 975.3, 1276.5, 0.0);              |             |
| ( 398054.0, 3819409.5, 975.8, 1276.5, 0.0);  | ( 398035.0, |
| 3819424.8, 978.6, 1276.5, 0.0);              |             |
| ( 398016.1, 3819440.0, 980.6, 1276.5, 0.0);  | ( 397997.1, |
| 3819455.3, 981.0, 1276.5, 0.0);              |             |
| ( 397978.2, 3819470.6, 986.1, 1276.5, 0.0);  | ( 397959.3, |
| 3819485.9, 992.2, 1276.5, 0.0);              |             |
| ( 397940.4, 3819501.2, 999.1, 1276.5, 0.0);  | ( 397921.4, |
| 3819516.5, 1005.5, 1276.5, 0.0);             |             |
| ( 397902.5, 3819531.8, 1009.9, 1276.5, 0.0); | ( 397883.6, |
| 3819547.0, 1014.5, 1276.5, 0.0);             |             |
| ( 397864.6, 3819562.3, 1017.9, 1276.5, 0.0); | ( 397845.7, |
| 3819577.6, 1021.8, 1276.5, 0.0);             |             |
| ( 397826.8, 3819592.9, 1025.7, 1276.5, 0.0); | ( 397807.8, |
| 3819608.2, 1030.0, 1276.5, 0.0);             |             |
| ( 397788.9, 3819623.4, 1033.5, 1276.5, 0.0); | ( 397770.0, |
| 3819638.7, 1036.0, 1276.5, 0.0);             |             |
| ( 397751.0, 3819654.0, 1037.2, 1276.5, 0.0); | ( 397732.1, |
| 3819669.3, 1036.1, 1276.5, 0.0);             |             |
| ( 397713.2, 3819684.6, 1034.0, 1276.5, 0.0); | ( 397694.2, |
| 3819699.9, 1031.5, 1276.5, 0.0);             |             |
| ( 397675.3, 3819715.1, 1027.9, 1276.5, 0.0); | ( 397656.4, |
| 3819730.4, 1024.0, 1276.5, 0.0);             |             |
| ( 397637.5, 3819745.7, 1021.6, 1379.1, 0.0); | ( 397618.5, |
| 3819761.0, 1021.4, 1379.4, 0.0);             |             |
| ( 397599.6, 3819776.3, 1022.2, 1379.4, 0.0); | ( 397580.7, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819791.6,  | 1023.2,    | 1379.4, | 0.0);   |       |             |
| ( 397561.7, | 3819806.8, | 1024.0, | 1379.4, | 0.0); | ( 397542.8, |
| 3819822.1,  | 1025.5,    | 1379.4, | 0.0);   |       |             |
| ( 397523.9, | 3819837.4, | 1027.3, | 1379.4, | 0.0); | ( 397504.9, |
| 3819852.7,  | 1029.7,    | 1379.4, | 0.0);   |       |             |
| ( 397486.0, | 3819868.0, | 1032.2, | 1379.4, | 0.0); | ( 397467.1, |
| 3819883.3,  | 1035.0,    | 1379.4, | 0.0);   |       |             |
| ( 397448.1, | 3819898.5, | 1038.1, | 1379.4, | 0.0); | ( 397429.2, |
| 3819913.8,  | 1041.4,    | 1379.4, | 0.0);   |       |             |
| ( 397410.3, | 3819929.1, | 1044.2, | 1379.4, | 0.0); | ( 397391.3, |
| 3819944.4,  | 1045.8,    | 1379.4, | 0.0);   |       |             |
| ( 397372.4, | 3819959.7, | 1048.9, | 1379.4, | 0.0); | ( 397353.5, |
| 3819975.0,  | 1054.7,    | 1379.4, | 0.0);   |       |             |
| ( 397334.6, | 3819990.2, | 1062.6, | 1378.7, | 0.0); | ( 397315.6, |
| 3820005.5,  | 1071.6,    | 1234.6, | 0.0);   |       |             |
| ( 397296.7, | 3820020.8, | 1080.8, | 1234.6, | 0.0); | ( 397277.8, |
| 3820036.1,  | 1089.6,    | 1234.6, | 0.0);   |       |             |
| ( 397258.8, | 3820051.4, | 1097.5, | 1234.6, | 0.0); | ( 397239.9, |
| 3820066.7,  | 1103.3,    | 1234.6, | 0.0);   |       |             |
| ( 397221.0, | 3820081.9, | 1107.4, | 1234.6, | 0.0); | ( 397202.0, |
| 3820097.2,  | 1108.4,    | 1234.6, | 0.0);   |       |             |
| ( 397183.1, | 3820112.5, | 1105.5, | 1234.6, | 0.0); | ( 397164.2, |
| 3820127.8,  | 1103.2,    | 1234.6, | 0.0);   |       |             |
| ( 397145.2, | 3820143.1, | 1103.5, | 1234.6, | 0.0); | ( 397102.0, |
| 3820159.1,  | 1105.3,    | 1234.6, | 0.0);   |       |             |
| ( 397077.7, | 3820159.8, | 1107.6, | 1234.6, | 0.0); | ( 397053.3, |
| 3820160.4,  | 1115.1,    | 1234.6, | 0.0);   |       |             |
| ( 397029.0, | 3820161.1, | 1126.8, | 1234.6, | 0.0); | ( 397004.7, |
| 3820161.8,  | 1139.2,    | 1234.6, | 0.0);   |       |             |
| ( 396980.4, | 3820162.5, | 1150.4, | 1234.6, | 0.0); | ( 396956.1, |
| 3820163.2,  | 1157.2,    | 1234.6, | 0.0);   |       |             |
| ( 396931.8, | 3820163.9, | 1158.4, | 1234.6, | 0.0); | ( 396907.4, |
| 3820164.6,  | 1155.1,    | 1234.6, | 0.0);   |       |             |
| ( 396883.1, | 3820165.3, | 1148.0, | 1234.6, | 0.0); | ( 396858.8, |
| 3820166.0,  | 1140.4,    | 1234.6, | 0.0);   |       |             |
| ( 396834.5, | 3820166.7, | 1138.5, | 1234.6, | 0.0); | ( 396810.1, |
| 3820167.4,  | 1141.3,    | 1234.6, | 0.0);   |       |             |
| ( 396785.8, | 3820168.1, | 1144.2, | 1234.6, | 0.0); | ( 396761.5, |
| 3820168.8,  | 1146.7,    | 1234.6, | 0.0);   |       |             |
| ( 396737.2, | 3820169.5, | 1149.9, | 1234.6, | 0.0); | ( 396712.9, |
| 3820170.2,  | 1153.4,    | 1234.6, | 0.0);   |       |             |
| ( 396688.5, | 3820170.9, | 1157.3, | 1234.6, | 0.0); | ( 396664.2, |
| 3820171.6,  | 1161.4,    | 1234.6, | 0.0);   |       |             |
| ( 396639.9, | 3820172.3, | 1165.6, | 1234.6, | 0.0); | ( 396615.6, |
| 3820173.0,  | 1170.2,    | 1234.6, | 0.0);   |       |             |
| ( 396591.3, | 3820173.7, | 1175.5, | 1234.6, | 0.0); | ( 396566.9, |
| 3820174.4,  | 1181.6,    | 1234.6, | 0.0);   |       |             |
| ( 396542.6, | 3820175.1, | 1187.9, | 1234.6, | 0.0); | ( 396518.3, |
| 3820175.8,  | 1193.9,    | 1234.6, | 0.0);   |       |             |
| ( 396494.0, | 3820176.5, | 1199.5, | 1234.6, | 0.0); | ( 396469.7, |

3820177.2, 1204.4, 1234.6, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 109

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 396445.3, 3820177.9, 1208.7, 1234.6, 0.0); | ( 396421.0, |
| 3820178.6, 1212.6, 1234.6, 0.0);             |             |
| ( 396396.7, 3820179.3, 1217.8, 1234.6, 0.0); | ( 396372.4, |
| 3820180.0, 1225.5, 1234.6, 0.0);             |             |
| ( 396348.1, 3820180.6, 1233.5, 1233.5, 0.0); | ( 396323.7, |
| 3820181.3, 1233.4, 1233.4, 0.0);             |             |
| ( 396299.4, 3820182.0, 1225.0, 1234.6, 0.0); | ( 396275.1, |
| 3820182.7, 1214.9, 1234.6, 0.0);             |             |
| ( 396250.8, 3820183.4, 1205.3, 1234.6, 0.0); | ( 396226.5, |
| 3820184.1, 1198.0, 1234.6, 0.0);             |             |
| ( 396202.1, 3820184.8, 1192.0, 1234.6, 0.0); | ( 396177.8, |
| 3820185.5, 1184.6, 1234.6, 0.0);             |             |
| ( 396153.5, 3820186.2, 1175.5, 1234.6, 0.0); | ( 396129.2, |
| 3820186.9, 1166.4, 1379.4, 0.0);             |             |
| ( 396104.8, 3820187.6, 1158.1, 1379.4, 0.0); | ( 396080.5, |
| 3820188.3, 1150.7, 1379.4, 0.0);             |             |
| ( 396056.2, 3820189.0, 1144.3, 1379.4, 0.0); | ( 396031.9, |
| 3820189.7, 1138.7, 1379.4, 0.0);             |             |
| ( 396007.6, 3820190.4, 1133.7, 1439.5, 0.0); | ( 395983.2, |
| 3820191.1, 1128.3, 1439.5, 0.0);             |             |
| ( 395958.9, 3820191.8, 1123.0, 1439.5, 0.0); | ( 395934.6, |
| 3820192.5, 1118.8, 1439.5, 0.0);             |             |
| ( 395910.3, 3820193.2, 1116.1, 1439.5, 0.0); | ( 395886.0, |
| 3820193.9, 1114.2, 1439.5, 0.0);             |             |
| ( 395861.6, 3820194.6, 1111.6, 1439.5, 0.0); | ( 395837.3, |
| 3820195.3, 1106.8, 1439.5, 0.0);             |             |
| ( 395813.0, 3820196.0, 1102.1, 1439.5, 0.0); | ( 395788.7, |
| 3820196.7, 1099.6, 1439.5, 0.0);             |             |
| ( 395764.4, 3820197.4, 1098.8, 1439.5, 0.0); | ( 395740.0, |
| 3820198.1, 1100.5, 1439.5, 0.0);             |             |
| ( 395715.7, 3820198.8, 1100.6, 1439.5, 0.0); | ( 395691.4, |
| 3820199.5, 1098.2, 1439.5, 0.0);             |             |
| ( 395667.1, 3820200.2, 1095.2, 1439.5, 0.0); | ( 395642.8, |
| 3820200.8, 1093.4, 1439.5, 0.0);             |             |
| ( 395618.4, 3820201.5, 1092.7, 1439.5, 0.0); | ( 395594.1, |
| 3820202.2, 1092.5, 1439.5, 0.0);             |             |
| ( 395569.8, 3820202.9, 1092.7, 1439.5, 0.0); | ( 395545.5, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820203.6,  | 1093.2,    | 1439.5, | 0.0);   |       |             |
| ( 395521.2, | 3820204.3, | 1093.7, | 1439.5, | 0.0); | ( 395496.8, |
| 3820205.0,  | 1094.0,    | 1439.5, | 0.0);   |       |             |
| ( 395472.5, | 3820205.7, | 1094.0, | 1439.5, | 0.0); | ( 395448.2, |
| 3820206.4,  | 1094.5,    | 1439.5, | 0.0);   |       |             |
| ( 395423.9, | 3820207.1, | 1095.8, | 1439.5, | 0.0); | ( 395399.6, |
| 3820207.8,  | 1097.5,    | 1439.5, | 0.0);   |       |             |
| ( 395375.2, | 3820208.5, | 1100.0, | 1439.5, | 0.0); | ( 395350.9, |
| 3820209.2,  | 1103.5,    | 1439.5, | 0.0);   |       |             |
| ( 395326.6, | 3820209.9, | 1105.9, | 1439.5, | 0.0); | ( 395302.3, |
| 3820210.6,  | 1106.5,    | 1439.5, | 0.0);   |       |             |
| ( 395278.0, | 3820211.3, | 1104.9, | 1439.5, | 0.0); | ( 395253.6, |
| 3820212.0,  | 1106.0,    | 1439.5, | 0.0);   |       |             |
| ( 395229.3, | 3820212.7, | 1107.3, | 1439.5, | 0.0); | ( 395205.0, |
| 3820213.4,  | 1107.5,    | 1439.5, | 0.0);   |       |             |
| ( 395180.7, | 3820214.1, | 1107.5, | 1439.5, | 0.0); | ( 395156.3, |
| 3820214.8,  | 1108.3,    | 1439.5, | 0.0);   |       |             |
| ( 395132.0, | 3820215.5, | 1109.2, | 1439.5, | 0.0); | ( 395107.7, |
| 3820216.2,  | 1110.1,    | 1439.5, | 0.0);   |       |             |
| ( 395083.4, | 3820216.9, | 1111.5, | 1439.5, | 0.0); | ( 395059.1, |
| 3820217.6,  | 1113.2,    | 1439.5, | 0.0);   |       |             |
| ( 395034.8, | 3820218.3, | 1114.6, | 1439.5, | 0.0); | ( 395010.4, |
| 3820219.0,  | 1115.7,    | 1439.5, | 0.0);   |       |             |
| ( 398792.3, | 3818813.4, | 1151.8, | 1276.5, | 0.0); | ( 398805.5, |
| 3818792.7,  | 1163.2,    | 1276.5, | 0.0);   |       |             |
| ( 399195.2, | 3819097.0, | 1090.9, | 1276.5, | 0.0); | ( 399176.3, |
| 3819112.3,  | 1087.9,    | 1276.5, | 0.0);   |       |             |
| ( 399157.3, | 3819127.6, | 1086.0, | 1276.5, | 0.0); | ( 399138.4, |
| 3819142.9,  | 1083.7,    | 1276.5, | 0.0);   |       |             |
| ( 399119.4, | 3819158.2, | 1084.1, | 1276.5, | 0.0); | ( 399100.5, |
| 3819173.5,  | 1084.4,    | 1276.5, | 0.0);   |       |             |
| ( 399081.5, | 3819188.8, | 1082.4, | 1276.5, | 0.0); | ( 399062.5, |
| 3819204.1,  | 1078.3,    | 1276.5, | 0.0);   |       |             |
| ( 399043.6, | 3819219.5, | 1070.7, | 1276.5, | 0.0); | ( 399024.6, |
| 3819234.8,  | 1062.2,    | 1276.5, | 0.0);   |       |             |
| ( 399005.7, | 3819250.1, | 1053.5, | 1276.5, | 0.0); | ( 398986.7, |
| 3819265.4,  | 1045.1,    | 1276.5, | 0.0);   |       |             |
| ( 398967.8, | 3819280.7, | 1037.7, | 1276.5, | 0.0); | ( 398948.8, |
| 3819296.0,  | 1032.1,    | 1276.5, | 0.0);   |       |             |
| ( 398929.8, | 3819311.3, | 1027.8, | 1276.5, | 0.0); | ( 398910.9, |
| 3819326.6,  | 1024.1,    | 1276.5, | 0.0);   |       |             |
| ( 398891.9, | 3819341.9, | 1020.7, | 1276.5, | 0.0); | ( 398873.0, |
| 3819357.2,  | 1018.1,    | 1276.5, | 0.0);   |       |             |
| ( 398854.0, | 3819372.5, | 1015.6, | 1276.5, | 0.0); | ( 398835.1, |
| 3819387.8,  | 1013.1,    | 1276.5, | 0.0);   |       |             |
| ( 398816.1, | 3819403.1, | 1010.4, | 1276.5, | 0.0); | ( 398797.2, |
| 3819418.4,  | 1007.6,    | 1276.5, | 0.0);   |       |             |
| ( 398778.2, | 3819433.7, | 1004.8, | 1276.5, | 0.0); | ( 398759.2, |
| 3819449.0,  | 1002.0,    | 1276.5, | 0.0);   |       |             |
| ( 398740.3, | 3819464.3, | 999.2,  | 1276.5, | 0.0); | ( 398721.3, |



3819479.6, 996.4, 1276.5, 0.0);  
 ( 398702.4, 3819494.9, 993.5, 1276.5, 0.0); ( 398683.4,  
 3819510.2, 990.5, 1276.5, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 110

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 398664.5, 3819525.5, 987.3, 1276.5, 0.0); ( 398645.5,  
 3819540.8, 984.1, 1276.5, 0.0);  
 ( 398626.5, 3819556.1, 981.0, 1276.5, 0.0); ( 398607.6,  
 3819571.4, 977.9, 1276.5, 0.0);  
 ( 398588.6, 3819586.7, 974.9, 1276.5, 0.0); ( 398569.7,  
 3819602.0, 972.2, 1276.5, 0.0);  
 ( 398550.7, 3819617.3, 969.6, 1276.5, 0.0); ( 398531.8,  
 3819632.6, 967.1, 1276.5, 0.0);  
 ( 398512.8, 3819647.9, 964.8, 1276.5, 0.0); ( 398493.8,  
 3819663.3, 962.5, 1276.5, 0.0);  
 ( 398474.9, 3819678.6, 960.3, 1276.5, 0.0); ( 398455.9,  
 3819693.9, 958.1, 1276.5, 0.0);  
 ( 398437.0, 3819709.2, 955.2, 1276.5, 0.0); ( 398418.0,  
 3819724.5, 951.5, 1379.2, 0.0);  
 ( 398399.1, 3819739.8, 949.1, 1379.4, 0.0); ( 398380.1,  
 3819755.1, 950.7, 1379.4, 0.0);  
 ( 398361.2, 3819770.4, 952.9, 1379.4, 0.0); ( 398342.2,  
 3819785.7, 952.9, 1379.4, 0.0);  
 ( 398323.2, 3819801.0, 952.0, 1379.4, 0.0); ( 398304.3,  
 3819816.3, 952.1, 1379.4, 0.0);  
 ( 398285.3, 3819831.6, 952.4, 1379.4, 0.0); ( 398266.4,  
 3819846.9, 953.5, 1379.4, 0.0);  
 ( 398247.4, 3819862.2, 955.4, 1379.4, 0.0); ( 398228.5,  
 3819877.5, 958.5, 1379.4, 0.0);  
 ( 398209.5, 3819892.8, 961.3, 1379.4, 0.0); ( 398190.5,  
 3819908.1, 963.3, 1379.4, 0.0);  
 ( 398171.6, 3819923.4, 965.3, 1379.4, 0.0); ( 398152.6,  
 3819938.7, 967.2, 1379.4, 0.0);  
 ( 398133.7, 3819954.0, 969.2, 1379.4, 0.0); ( 398114.7,  
 3819969.3, 971.1, 1379.4, 0.0);  
 ( 398095.8, 3819984.6, 973.2, 1379.4, 0.0); ( 398076.8,  
 3819999.9, 975.3, 1379.4, 0.0);  
 ( 398057.8, 3820015.2, 977.0, 1379.4, 0.0); ( 398038.9,  
 3820030.5, 978.8, 1379.4, 0.0);  
 ( 398019.9, 3820045.8, 980.7, 1379.4, 0.0); ( 398001.0,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820061.1,  | 982.7,     | 1379.4, | 0.0);   |       |             |
| ( 397982.0, | 3820076.4, | 983.6,  | 1379.4, | 0.0); | ( 397963.1, |
| 3820091.8,  | 985.6,     | 1379.4, | 0.0);   |       |             |
| ( 397944.1, | 3820107.1, | 988.7,  | 1379.4, | 0.0); | ( 397925.2, |
| 3820122.4,  | 992.2,     | 1379.4, | 0.0);   |       |             |
| ( 397906.2, | 3820137.7, | 996.2,  | 1379.4, | 0.0); | ( 397887.2, |
| 3820153.0,  | 1000.5,    | 1379.4, | 0.0);   |       |             |
| ( 397868.3, | 3820168.3, | 1005.7, | 1379.4, | 0.0); | ( 397849.3, |
| 3820183.6,  | 1011.9,    | 1379.4, | 0.0);   |       |             |
| ( 397830.4, | 3820198.9, | 1017.3, | 1379.4, | 0.0); | ( 397811.4, |
| 3820214.2,  | 1021.1,    | 1379.4, | 0.0);   |       |             |
| ( 397792.5, | 3820229.5, | 1024.8, | 1379.4, | 0.0); | ( 397773.5, |
| 3820244.8,  | 1027.3,    | 1379.4, | 0.0);   |       |             |
| ( 397754.5, | 3820260.1, | 1033.0, | 1379.4, | 0.0); | ( 397735.6, |
| 3820275.4,  | 1035.6,    | 1379.4, | 0.0);   |       |             |
| ( 397716.6, | 3820290.7, | 1040.1, | 1378.7, | 0.0); | ( 397697.7, |
| 3820306.0,  | 1047.1,    | 1234.6, | 0.0);   |       |             |
| ( 397678.7, | 3820321.3, | 1054.2, | 1234.6, | 0.0); | ( 397659.8, |
| 3820336.6,  | 1063.9,    | 1234.6, | 0.0);   |       |             |
| ( 397640.8, | 3820351.9, | 1074.3, | 1234.6, | 0.0); | ( 397621.8, |
| 3820367.2,  | 1085.4,    | 1234.6, | 0.0);   |       |             |
| ( 397602.9, | 3820382.5, | 1093.9, | 1234.6, | 0.0); | ( 397583.9, |
| 3820397.8,  | 1102.5,    | 1234.6, | 0.0);   |       |             |
| ( 397565.0, | 3820413.1, | 1107.6, | 1234.6, | 0.0); | ( 397546.0, |
| 3820428.4,  | 1111.3,    | 1234.6, | 0.0);   |       |             |
| ( 397527.1, | 3820443.7, | 1112.4, | 1234.6, | 0.0); | ( 397508.1, |
| 3820459.0,  | 1114.7,    | 1234.6, | 0.0);   |       |             |
| ( 397489.2, | 3820474.3, | 1116.2, | 1234.6, | 0.0); | ( 397470.2, |
| 3820489.6,  | 1118.6,    | 1195.9, | 0.0);   |       |             |
| ( 397451.2, | 3820504.9, | 1119.4, | 1234.6, | 0.0); | ( 397432.3, |
| 3820520.2,  | 1118.9,    | 1234.6, | 0.0);   |       |             |
| ( 397413.3, | 3820535.5, | 1121.8, | 1234.6, | 0.0); | ( 397394.4, |
| 3820550.9,  | 1127.7,    | 1195.9, | 0.0);   |       |             |
| ( 397375.4, | 3820566.2, | 1135.7, | 1183.6, | 0.0); | ( 397356.5, |
| 3820581.5,  | 1142.5,    | 1183.6, | 0.0);   |       |             |
| ( 397337.5, | 3820596.8, | 1148.4, | 1178.4, | 0.0); | ( 397318.5, |
| 3820612.1,  | 1150.4,    | 1178.4, | 0.0);   |       |             |
| ( 397275.2, | 3820628.1, | 1145.0, | 1183.6, | 0.0); | ( 397250.9, |
| 3820628.8,  | 1145.1,    | 1195.9, | 0.0);   |       |             |
| ( 397226.5, | 3820629.5, | 1146.5, | 1195.9, | 0.0); | ( 397202.2, |
| 3820630.2,  | 1149.6,    | 1183.6, | 0.0);   |       |             |
| ( 397177.8, | 3820630.9, | 1152.9, | 1183.6, | 0.0); | ( 397153.5, |
| 3820631.6,  | 1152.9,    | 1195.9, | 0.0);   |       |             |
| ( 397129.1, | 3820632.3, | 1149.2, | 1195.9, | 0.0); | ( 397104.8, |
| 3820633.0,  | 1146.4,    | 1234.6, | 0.0);   |       |             |
| ( 397080.4, | 3820633.6, | 1148.0, | 1234.6, | 0.0); | ( 397056.1, |
| 3820634.3,  | 1153.0,    | 1217.0, | 0.0);   |       |             |
| ( 397031.7, | 3820635.0, | 1158.9, | 1195.9, | 0.0); | ( 397007.4, |
| 3820635.8,  | 1163.0,    | 1195.9, | 0.0);   |       |             |
| ( 396983.0, | 3820636.4, | 1162.4, | 1214.3, | 0.0); | ( 396958.6, |

```

3820637.1, 1155.9, 1234.6, 0.0);
(396934.3, 3820637.8, 1148.3, 1234.6, 0.0); (396910.0,
3820638.5, 1144.6, 1234.6, 0.0);
(396885.6, 3820639.2, 1146.9, 1234.6, 0.0); (396861.2,
3820639.9, 1151.6, 1234.6, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 111

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396836.9, 3820640.6, 1154.7, 1234.6, 0.0); (396812.5,
3820641.3, 1158.7, 1234.6, 0.0);
(396788.2, 3820642.0, 1164.5, 1234.6, 0.0); (396763.8,
3820642.7, 1170.4, 1234.6, 0.0);
(396739.5, 3820643.4, 1175.2, 1226.6, 0.0); (396715.1,
3820644.1, 1179.3, 1226.6, 0.0);
(396690.8, 3820644.8, 1182.3, 1226.6, 0.0); (396666.4,
3820645.5, 1184.2, 1226.6, 0.0);
(396642.1, 3820646.2, 1185.9, 1226.6, 0.0); (396617.7,
3820646.9, 1188.2, 1226.6, 0.0);
(396593.4, 3820647.6, 1191.5, 1226.6, 0.0); (396569.0,
3820648.3, 1193.8, 1226.6, 0.0);
(396544.6, 3820649.0, 1192.5, 1226.6, 0.0); (396520.3,
3820649.7, 1188.7, 1226.6, 0.0);
(396496.0, 3820650.4, 1185.2, 1234.6, 0.0); (396471.6,
3820651.1, 1182.2, 1234.6, 0.0);
(396447.2, 3820651.8, 1179.8, 1234.6, 0.0); (396422.9,
3820652.5, 1179.0, 1234.6, 0.0);
(396398.5, 3820653.2, 1180.5, 1234.6, 0.0); (396374.2,
3820653.9, 1184.2, 1234.6, 0.0);
(396349.8, 3820654.6, 1191.9, 1226.6, 0.0); (396325.5,
3820655.3, 1202.6, 1226.6, 0.0);
(396301.1, 3820656.0, 1215.0, 1226.6, 0.0); (396276.8,
3820656.7, 1223.7, 1226.6, 0.0);
(396252.4, 3820657.4, 1226.3, 1226.6, 0.0); (396228.1,
3820658.1, 1225.7, 1225.7, 0.0);
(396203.7, 3820658.8, 1225.0, 1225.0, 0.0); (396179.4,
3820659.5, 1222.4, 1224.9, 0.0);
(396155.0, 3820660.2, 1221.4, 1221.4, 0.0); (396130.7,
3820660.9, 1220.7, 1220.7, 0.0);
(396106.3, 3820661.5, 1218.0, 1223.6, 0.0); (396082.0,
3820662.2, 1211.4, 1225.6, 0.0);
(396057.6, 3820662.9, 1201.5, 1379.4, 0.0); (396033.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820663.6,  | 1190.5,    | 1379.4, | 0.0);   |       |             |
| ( 396008.9, | 3820664.3, | 1180.6, | 1379.4, | 0.0); | ( 395984.5, |
| 3820665.0,  | 1173.9,    | 1379.4, | 0.0);   |       |             |
| ( 395960.2, | 3820665.7, | 1171.6, | 1379.4, | 0.0); | ( 395935.8, |
| 3820666.4,  | 1172.2,    | 1379.4, | 0.0);   |       |             |
| ( 395911.5, | 3820667.1, | 1173.1, | 1379.4, | 0.0); | ( 395887.1, |
| 3820667.8,  | 1175.8,    | 1379.4, | 0.0);   |       |             |
| ( 395862.8, | 3820668.5, | 1181.8, | 1379.4, | 0.0); | ( 395838.4, |
| 3820669.2,  | 1186.5,    | 1379.4, | 0.0);   |       |             |
| ( 395814.1, | 3820669.9, | 1182.4, | 1379.4, | 0.0); | ( 395789.7, |
| 3820670.6,  | 1173.0,    | 1379.4, | 0.0);   |       |             |
| ( 395765.4, | 3820671.3, | 1163.2, | 1439.5, | 0.0); | ( 395741.0, |
| 3820672.0,  | 1153.5,    | 1439.5, | 0.0);   |       |             |
| ( 395716.7, | 3820672.7, | 1144.2, | 1439.5, | 0.0); | ( 395692.3, |
| 3820673.4,  | 1136.7,    | 1439.5, | 0.0);   |       |             |
| ( 395668.0, | 3820674.1, | 1130.9, | 1439.5, | 0.0); | ( 395643.6, |
| 3820674.8,  | 1126.7,    | 1439.5, | 0.0);   |       |             |
| ( 395619.2, | 3820675.5, | 1123.9, | 1439.5, | 0.0); | ( 395594.9, |
| 3820676.2,  | 1122.2,    | 1439.5, | 0.0);   |       |             |
| ( 395570.5, | 3820676.9, | 1122.7, | 1439.5, | 0.0); | ( 395546.2, |
| 3820677.6,  | 1124.5,    | 1439.5, | 0.0);   |       |             |
| ( 395521.8, | 3820678.3, | 1126.7, | 1439.5, | 0.0); | ( 395497.5, |
| 3820679.0,  | 1129.4,    | 1439.5, | 0.0);   |       |             |
| ( 395473.1, | 3820679.7, | 1132.1, | 1439.5, | 0.0); | ( 395448.8, |
| 3820680.4,  | 1134.3,    | 1439.5, | 0.0);   |       |             |
| ( 395424.4, | 3820681.1, | 1136.4, | 1439.5, | 0.0); | ( 395400.1, |
| 3820681.8,  | 1138.5,    | 1439.5, | 0.0);   |       |             |
| ( 395375.7, | 3820682.5, | 1140.8, | 1439.5, | 0.0); | ( 395351.4, |
| 3820683.2,  | 1143.3,    | 1439.5, | 0.0);   |       |             |
| ( 395327.0, | 3820683.9, | 1145.7, | 1439.5, | 0.0); | ( 395302.7, |
| 3820684.6,  | 1148.1,    | 1439.5, | 0.0);   |       |             |
| ( 395278.3, | 3820685.3, | 1150.3, | 1439.5, | 0.0); | ( 395254.0, |
| 3820686.0,  | 1152.5,    | 1439.5, | 0.0);   |       |             |
| ( 395229.6, | 3820686.7, | 1154.4, | 1439.5, | 0.0); | ( 395205.2, |
| 3820687.4,  | 1156.0,    | 1439.5, | 0.0);   |       |             |
| ( 395180.9, | 3820688.1, | 1157.1, | 1439.5, | 0.0); | ( 395156.5, |
| 3820688.8,  | 1157.8,    | 1439.5, | 0.0);   |       |             |
| ( 395132.2, | 3820689.4, | 1159.1, | 1439.5, | 0.0); | ( 395107.8, |
| 3820690.1,  | 1160.5,    | 1439.5, | 0.0);   |       |             |
| ( 395083.5, | 3820690.8, | 1161.8, | 1439.5, | 0.0); | ( 395059.1, |
| 3820691.5,  | 1162.9,    | 1439.5, | 0.0);   |       |             |
| ( 395034.8, | 3820692.2, | 1164.1, | 1439.5, | 0.0); | ( 395010.4, |
| 3820692.9,  | 1165.5,    | 1439.5, | 0.0);   |       |             |
| ( 394986.1, | 3820693.6, | 1166.5, | 1439.5, | 0.0); | ( 394961.7, |
| 3820694.3,  | 1167.3,    | 1439.5, | 0.0);   |       |             |
| ( 394937.4, | 3820695.0, | 1168.1, | 1439.5, | 0.0); | ( 394913.0, |
| 3820695.7,  | 1169.3,    | 1439.5, | 0.0);   |       |             |
| ( 394888.7, | 3820696.4, | 1170.8, | 1439.5, | 0.0); | ( 394864.3, |
| 3820697.1,  | 1172.6,    | 1439.5, | 0.0);   |       |             |
| ( 399214.2, | 3819081.7, | 1096.6, | 1276.5, | 0.0); | ( 399227.4, |

```

3819061.0, 1106.0, 1276.5, 0.0);
 (400320.3, 3819812.5, 1012.1, 1276.5, 0.0); (400301.2,
3819828.0, 1010.8, 1276.5, 0.0);
 (400282.1, 3819843.4, 1010.3, 1276.5, 0.0); (400263.0,
3819858.8, 1008.5, 1276.5, 0.0);
 (400243.9, 3819874.2, 1005.5, 1276.5, 0.0); (400224.8,
3819889.6, 1000.3, 1276.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 112

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (400205.7, 3819905.0, 995.6, 1539.0, 0.0); (400186.6,
3819920.4, 991.2, 1540.1, 0.0);
 (400167.5, 3819935.9, 987.1, 1540.1, 0.0); (400148.4,
3819951.3, 981.8, 1540.1, 0.0);
 (400129.3, 3819966.7, 976.4, 1540.1, 0.0); (400110.2,
3819982.1, 973.7, 1540.1, 0.0);
 (400091.1, 3819997.5, 971.8, 1540.1, 0.0); (400072.0,
3820012.9, 970.3, 1540.1, 0.0);
 (400052.9, 3820028.3, 969.6, 1540.1, 0.0); (400033.8,
3820043.8, 968.3, 1540.1, 0.0);
 (400014.8, 3820059.2, 964.6, 1540.1, 0.0); (399995.7,
3820074.6, 959.6, 1540.1, 0.0);
 (399976.6, 3820090.0, 961.6, 1540.1, 0.0); (399957.5,
3820105.4, 965.5, 1276.5, 0.0);
 (399938.4, 3820120.8, 966.5, 1276.5, 0.0); (399919.3,
3820136.2, 966.8, 1276.5, 0.0);
 (399900.2, 3820151.7, 966.9, 1276.5, 0.0); (399881.1,
3820167.1, 967.3, 1276.5, 0.0);
 (399862.0, 3820182.5, 967.3, 1276.5, 0.0); (399842.9,
3820197.9, 968.2, 1276.5, 0.0);
 (399823.8, 3820213.3, 970.8, 1276.5, 0.0); (399804.7,
3820228.7, 973.5, 1276.5, 0.0);
 (399785.6, 3820244.2, 975.6, 1276.5, 0.0); (399766.5,
3820259.6, 975.9, 1276.5, 0.0);
 (399747.4, 3820275.0, 975.8, 1276.5, 0.0); (399728.3,
3820290.4, 974.3, 1276.5, 0.0);
 (399709.2, 3820305.8, 972.5, 1276.5, 0.0); (399690.2,
3820321.2, 970.2, 1276.5, 0.0);
 (399671.1, 3820336.6, 966.9, 1276.5, 0.0); (399652.0,
3820352.1, 960.7, 1276.5, 0.0);
 (399632.9, 3820367.5, 953.3, 1276.5, 0.0); (399613.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820382.9,  | 944.3,     | 1276.5, | 0.0);   |       |             |
| ( 399594.7, | 3820398.3, | 938.9,  | 1276.5, | 0.0); | ( 399575.6, |
| 3820413.7,  | 938.6,     | 1276.5, | 0.0);   |       |             |
| ( 399556.5, | 3820429.1, | 937.8,  | 1276.5, | 0.0); | ( 399537.4, |
| 3820444.5,  | 932.9,     | 1276.5, | 0.0);   |       |             |
| ( 399518.3, | 3820460.0, | 926.8,  | 1276.5, | 0.0); | ( 399499.2, |
| 3820475.4,  | 922.8,     | 1276.5, | 0.0);   |       |             |
| ( 399480.1, | 3820490.8, | 919.5,  | 1276.5, | 0.0); | ( 399461.0, |
| 3820506.2,  | 918.4,     | 1276.5, | 0.0);   |       |             |
| ( 399441.9, | 3820521.6, | 917.0,  | 1276.5, | 0.0); | ( 399422.8, |
| 3820537.0,  | 914.6,     | 1276.5, | 0.0);   |       |             |
| ( 399403.8, | 3820552.4, | 912.7,  | 1276.5, | 0.0); | ( 399384.6, |
| 3820567.9,  | 910.7,     | 1276.5, | 0.0);   |       |             |
| ( 399365.6, | 3820583.3, | 909.1,  | 1276.5, | 0.0); | ( 399346.5, |
| 3820598.7,  | 907.9,     | 1276.5, | 0.0);   |       |             |
| ( 399327.4, | 3820614.1, | 906.9,  | 1276.5, | 0.0); | ( 399308.3, |
| 3820629.5,  | 906.6,     | 1276.5, | 0.0);   |       |             |
| ( 399289.2, | 3820644.9, | 905.5,  | 1276.5, | 0.0); | ( 399270.1, |
| 3820660.3,  | 904.1,     | 1276.5, | 0.0);   |       |             |
| ( 399251.0, | 3820675.8, | 903.9,  | 1378.7, | 0.0); | ( 399231.9, |
| 3820691.2,  | 904.6,     | 1379.2, | 0.0);   |       |             |
| ( 399212.8, | 3820706.6, | 906.7,  | 1379.2, | 0.0); | ( 399193.7, |
| 3820722.0,  | 906.3,     | 1379.4, | 0.0);   |       |             |
| ( 399174.6, | 3820737.4, | 905.0,  | 1379.4, | 0.0); | ( 399155.5, |
| 3820752.8,  | 904.4,     | 1379.4, | 0.0);   |       |             |
| ( 399136.4, | 3820768.2, | 907.7,  | 1379.4, | 0.0); | ( 399117.3, |
| 3820783.7,  | 910.9,     | 1379.4, | 0.0);   |       |             |
| ( 399098.2, | 3820799.1, | 910.1,  | 1379.4, | 0.0); | ( 399079.1, |
| 3820814.5,  | 906.4,     | 1379.4, | 0.0);   |       |             |
| ( 399060.1, | 3820829.9, | 905.7,  | 1379.4, | 0.0); | ( 399041.0, |
| 3820845.3,  | 908.8,     | 1379.4, | 0.0);   |       |             |
| ( 399021.9, | 3820860.7, | 912.8,  | 1379.4, | 0.0); | ( 399002.8, |
| 3820876.1,  | 914.9,     | 1379.4, | 0.0);   |       |             |
| ( 398983.7, | 3820891.6, | 918.2,  | 1379.4, | 0.0); | ( 398964.6, |
| 3820907.0,  | 922.0,     | 1379.4, | 0.0);   |       |             |
| ( 398945.5, | 3820922.4, | 924.9,  | 1379.4, | 0.0); | ( 398926.4, |
| 3820937.8,  | 927.0,     | 1379.4, | 0.0);   |       |             |
| ( 398907.3, | 3820953.2, | 926.0,  | 1379.4, | 0.0); | ( 398888.2, |
| 3820968.6,  | 920.8,     | 1379.4, | 0.0);   |       |             |
| ( 398869.1, | 3820984.0, | 915.8,  | 1379.4, | 0.0); | ( 398850.0, |
| 3820999.5,  | 916.3,     | 1379.4, | 0.0);   |       |             |
| ( 398830.9, | 3821014.9, | 917.2,  | 1379.4, | 0.0); | ( 398811.8, |
| 3821030.3,  | 911.9,     | 1379.4, | 0.0);   |       |             |
| ( 398792.7, | 3821045.7, | 907.3,  | 1379.4, | 0.0); | ( 398773.6, |
| 3821061.1,  | 906.7,     | 1379.4, | 0.0);   |       |             |
| ( 398754.6, | 3821076.5, | 913.2,  | 1379.4, | 0.0); | ( 398735.5, |
| 3821091.9,  | 922.1,     | 1379.4, | 0.0);   |       |             |
| ( 398716.4, | 3821107.4, | 929.2,  | 1379.4, | 0.0); | ( 398697.3, |
| 3821122.8,  | 934.1,     | 1379.4, | 0.0);   |       |             |
| ( 398678.2, | 3821138.2, | 937.3,  | 1379.4, | 0.0); | ( 398659.1, |

```

3821153.6, 941.4, 1379.4, 0.0);
(398640.0, 3821169.0, 943.9, 1379.4, 0.0); (398620.9,
3821184.4, 946.5, 1379.4, 0.0);
(398601.8, 3821199.8, 947.3, 1379.4, 0.0); (398582.7,
3821215.3, 946.3, 1379.4, 0.0);
(398563.6, 3821230.7, 944.5, 1379.4, 0.0); (398544.5,
3821246.1, 942.5, 1379.4, 0.0);
(398525.4, 3821261.5, 942.6, 1379.4, 0.0); (398506.3,
3821276.9, 943.6, 1379.4, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 113

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(398487.2, 3821292.3, 944.7, 1379.4, 0.0); (398468.1,
3821307.8, 944.9, 1379.4, 0.0);
(398449.0, 3821323.2, 945.3, 1379.4, 0.0); (398430.0,
3821338.6, 948.3, 1379.4, 0.0);
(398410.9, 3821354.0, 951.3, 1379.4, 0.0); (398391.8,
3821369.4, 952.6, 1379.4, 0.0);
(398372.7, 3821384.8, 951.9, 1379.4, 0.0); (398353.6,
3821400.2, 949.4, 1379.4, 0.0);
(398334.5, 3821415.6, 941.9, 1379.4, 0.0); (398315.4,
3821431.1, 933.7, 1379.4, 0.0);
(398296.3, 3821446.5, 931.3, 1379.4, 0.0); (398277.2,
3821461.9, 936.4, 1379.4, 0.0);
(398258.1, 3821477.3, 931.8, 1379.4, 0.0); (398239.0,
3821492.7, 922.5, 1439.5, 0.0);
(398219.9, 3821508.1, 914.2, 1439.5, 0.0); (398200.8,
3821523.5, 910.2, 1439.5, 0.0);
(398181.7, 3821539.0, 912.4, 1439.5, 0.0); (398162.6,
3821554.4, 914.9, 1439.5, 0.0);
(398143.5, 3821569.8, 916.5, 1439.5, 0.0); (398124.5,
3821585.2, 918.0, 1439.5, 0.0);
(398105.4, 3821600.6, 924.9, 1439.5, 0.0); (398086.3,
3821616.0, 933.9, 1439.5, 0.0);
(398067.2, 3821631.4, 942.2, 1439.5, 0.0); (398048.1,
3821646.9, 949.4, 1379.4, 0.0);
(398029.0, 3821662.3, 953.4, 1379.4, 0.0); (398009.9,
3821677.7, 953.1, 1379.4, 0.0);
(397990.8, 3821693.1, 948.2, 1439.5, 0.0); (397971.7,
3821708.5, 940.2, 1439.5, 0.0);
(397952.6, 3821723.9, 934.2, 1439.5, 0.0); (397933.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821739.3,  | 936.8,     | 1439.5, | 0.0);   |       |             |
| ( 397914.4, | 3821754.8, | 945.3,  | 1439.5, | 0.0); | ( 397895.3, |
| 3821770.2,  | 951.2,     | 1439.5, | 0.0);   |       |             |
| ( 397876.2, | 3821785.6, | 951.3,  | 1439.5, | 0.0); | ( 397857.1, |
| 3821801.0,  | 945.9,     | 1439.5, | 0.0);   |       |             |
| ( 397838.0, | 3821816.4, | 937.6,  | 1439.5, | 0.0); | ( 397819.0, |
| 3821831.8,  | 928.7,     | 1439.5, | 0.0);   |       |             |
| ( 397799.9, | 3821847.2, | 925.7,  | 1439.5, | 0.0); | ( 397780.8, |
| 3821862.7,  | 928.0,     | 1439.5, | 0.0);   |       |             |
| ( 397737.1, | 3821878.8, | 932.7,  | 1439.5, | 0.0); | ( 397712.6, |
| 3821879.5,  | 936.4,     | 1439.5, | 0.0);   |       |             |
| ( 397688.1, | 3821880.2, | 939.8,  | 1439.5, | 0.0); | ( 397663.6, |
| 3821880.9,  | 947.7,     | 1439.5, | 0.0);   |       |             |
| ( 397639.0, | 3821881.6, | 954.1,  | 1439.5, | 0.0); | ( 397614.5, |
| 3821882.3,  | 955.4,     | 1439.5, | 0.0);   |       |             |
| ( 397590.0, | 3821883.0, | 953.5,  | 1439.5, | 0.0); | ( 397565.4, |
| 3821883.7,  | 951.7,     | 1439.5, | 0.0);   |       |             |
| ( 397540.9, | 3821884.4, | 953.0,  | 1439.5, | 0.0); | ( 397516.4, |
| 3821885.1,  | 957.2,     | 1439.5, | 0.0);   |       |             |
| ( 397491.8, | 3821885.8, | 962.3,  | 1439.5, | 0.0); | ( 397467.3, |
| 3821886.5,  | 966.8,     | 1439.5, | 0.0);   |       |             |
| ( 397442.8, | 3821887.2, | 969.0,  | 1439.5, | 0.0); | ( 397418.3, |
| 3821887.9,  | 965.7,     | 1439.5, | 0.0);   |       |             |
| ( 397393.7, | 3821888.6, | 957.5,  | 1439.5, | 0.0); | ( 397369.2, |
| 3821889.3,  | 950.1,     | 1439.5, | 0.0);   |       |             |
| ( 397344.7, | 3821890.0, | 947.4,  | 1439.5, | 0.0); | ( 397320.1, |
| 3821890.7,  | 947.6,     | 1439.5, | 0.0);   |       |             |
| ( 397295.6, | 3821891.4, | 946.8,  | 1439.5, | 0.0); | ( 397271.1, |
| 3821892.1,  | 945.1,     | 1439.5, | 0.0);   |       |             |
| ( 397246.6, | 3821892.8, | 944.0,  | 1439.5, | 0.0); | ( 397222.0, |
| 3821893.5,  | 943.9,     | 1439.5, | 0.0);   |       |             |
| ( 397197.5, | 3821894.2, | 945.3,  | 1439.5, | 0.0); | ( 397173.0, |
| 3821894.9,  | 948.5,     | 1439.5, | 0.0);   |       |             |
| ( 397148.4, | 3821895.6, | 953.3,  | 1439.5, | 0.0); | ( 397123.9, |
| 3821896.3,  | 957.3,     | 1439.5, | 0.0);   |       |             |
| ( 397099.4, | 3821897.0, | 959.4,  | 1439.5, | 0.0); | ( 397074.8, |
| 3821897.8,  | 962.2,     | 1439.5, | 0.0);   |       |             |
| ( 397050.3, | 3821898.4, | 966.4,  | 1439.5, | 0.0); | ( 397025.8, |
| 3821899.1,  | 968.4,     | 1439.5, | 0.0);   |       |             |
| ( 397001.3, | 3821899.9, | 967.6,  | 1439.5, | 0.0); | ( 396976.7, |
| 3821900.6,  | 964.4,     | 1439.5, | 0.0);   |       |             |
| ( 396952.2, | 3821901.3, | 966.6,  | 1439.5, | 0.0); | ( 396927.7, |
| 3821902.0,  | 973.5,     | 1439.5, | 0.0);   |       |             |
| ( 396903.1, | 3821902.7, | 984.1,  | 1439.5, | 0.0); | ( 396878.6, |
| 3821903.4,  | 992.2,     | 1439.5, | 0.0);   |       |             |
| ( 396854.1, | 3821904.1, | 999.2,  | 1439.5, | 0.0); | ( 396829.6, |
| 3821904.8,  | 1006.9,    | 1439.5, | 0.0);   |       |             |
| ( 396805.0, | 3821905.5, | 1015.5, | 1439.5, | 0.0); | ( 396780.5, |
| 3821906.2,  | 1024.5,    | 1439.5, | 0.0);   |       |             |
| ( 396756.0, | 3821906.9, | 1031.9, | 1439.5, | 0.0); | ( 396731.4, |



```

3821907.6, 1038.1, 1439.5, 0.0);
(396706.9, 3821908.3, 1045.0, 1439.5, 0.0); (396682.4,
3821909.0, 1052.2, 1439.5, 0.0);
(396657.9, 3821909.7, 1057.6, 1439.5, 0.0); (396633.3,
3821910.4, 1060.1, 1439.5, 0.0);
(396608.8, 3821911.1, 1059.0, 1439.5, 0.0); (396584.3,
3821911.8, 1057.5, 1439.5, 0.0);
(396559.7, 3821912.5, 1061.4, 1439.5, 0.0); (396535.2,
3821913.2, 1070.1, 1439.5, 0.0);
(396510.7, 3821913.9, 1077.3, 1439.5, 0.0); (396486.1,
3821914.6, 1082.1, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 114

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396461.6, 3821915.3, 1085.2, 1439.5, 0.0); (396437.1,
3821916.0, 1086.7, 1439.5, 0.0);
(396412.6, 3821916.7, 1090.3, 1439.5, 0.0); (396388.0,
3821917.4, 1094.1, 1439.5, 0.0);
(396363.5, 3821918.1, 1096.9, 1439.5, 0.0); (396339.0,
3821918.8, 1099.4, 1439.5, 0.0);
(396314.5, 3821919.5, 1100.5, 1439.5, 0.0); (396289.9,
3821920.2, 1099.8, 1439.5, 0.0);
(396265.4, 3821920.9, 1099.1, 1439.5, 0.0); (396240.9,
3821921.6, 1099.9, 1439.5, 0.0);
(396216.3, 3821922.3, 1098.0, 1439.5, 0.0); (396191.8,
3821923.0, 1095.9, 1439.5, 0.0);
(396167.3, 3821923.7, 1100.5, 1439.5, 0.0); (396142.7,
3821924.4, 1107.1, 1439.5, 0.0);
(396118.2, 3821925.1, 1112.1, 1439.5, 0.0); (396093.7,
3821925.8, 1112.9, 1439.5, 0.0);
(396069.1, 3821926.5, 1112.0, 1439.5, 0.0); (396044.6,
3821927.3, 1110.9, 1439.5, 0.0);
(396020.1, 3821928.0, 1112.1, 1439.5, 0.0); (395995.6,
3821928.7, 1118.1, 1439.5, 0.0);
(395971.0, 3821929.4, 1126.3, 1439.5, 0.0); (395946.5,
3821930.1, 1131.7, 1439.5, 0.0);
(395922.0, 3821930.8, 1132.1, 1439.5, 0.0); (395897.5,
3821931.5, 1127.2, 1439.5, 0.0);
(395872.9, 3821932.2, 1119.1, 1439.5, 0.0); (395848.4,
3821932.9, 1113.2, 1439.5, 0.0);
(395823.9, 3821933.6, 1115.6, 1439.5, 0.0); (395799.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821934.3,  | 1123.0,    | 1439.5, | 0.0);   |       |             |
| ( 395774.8, | 3821935.0, | 1127.5, | 1439.5, | 0.0); | ( 395750.3, |
| 3821935.7,  | 1125.6,    | 1439.5, | 0.0);   |       |             |
| ( 395725.7, | 3821936.4, | 1125.0, | 1439.5, | 0.0); | ( 395701.2, |
| 3821937.1,  | 1126.2,    | 1439.5, | 0.0);   |       |             |
| ( 395676.7, | 3821937.8, | 1130.7, | 1439.5, | 0.0); | ( 395652.1, |
| 3821938.5,  | 1138.4,    | 1439.5, | 0.0);   |       |             |
| ( 395627.6, | 3821939.2, | 1146.3, | 1439.5, | 0.0); | ( 395603.1, |
| 3821939.9,  | 1153.5,    | 1439.5, | 0.0);   |       |             |
| ( 395578.6, | 3821940.6, | 1160.2, | 1439.5, | 0.0); | ( 395554.0, |
| 3821941.3,  | 1165.7,    | 1439.5, | 0.0);   |       |             |
| ( 395529.5, | 3821942.0, | 1172.6, | 1439.5, | 0.0); | ( 395505.0, |
| 3821942.7,  | 1182.7,    | 1439.5, | 0.0);   |       |             |
| ( 395480.5, | 3821943.4, | 1193.7, | 1400.8, | 0.0); | ( 395455.9, |
| 3821944.1,  | 1204.0,    | 1379.4, | 0.0);   |       |             |
| ( 395431.4, | 3821944.8, | 1211.4, | 1379.4, | 0.0); | ( 395406.9, |
| 3821945.5,  | 1214.9,    | 1379.4, | 0.0);   |       |             |
| ( 395382.3, | 3821946.2, | 1216.0, | 1379.4, | 0.0); | ( 395357.8, |
| 3821946.9,  | 1218.1,    | 1379.4, | 0.0);   |       |             |
| ( 395333.3, | 3821947.6, | 1220.8, | 1379.4, | 0.0); | ( 395308.7, |
| 3821948.3,  | 1220.0,    | 1379.4, | 0.0);   |       |             |
| ( 395284.2, | 3821949.0, | 1215.8, | 1400.2, | 0.0); | ( 395259.7, |
| 3821949.7,  | 1211.6,    | 1401.1, | 0.0);   |       |             |
| ( 395235.2, | 3821950.4, | 1208.2, | 1439.5, | 0.0); | ( 395210.6, |
| 3821951.1,  | 1207.5,    | 1439.5, | 0.0);   |       |             |
| ( 395186.1, | 3821951.8, | 1211.0, | 1439.5, | 0.0); | ( 395161.6, |
| 3821952.5,  | 1214.1,    | 1439.5, | 0.0);   |       |             |
| ( 395137.0, | 3821953.2, | 1216.1, | 1439.5, | 0.0); | ( 395112.5, |
| 3821953.9,  | 1210.0,    | 1439.5, | 0.0);   |       |             |
| ( 395088.0, | 3821954.7, | 1199.0, | 1439.5, | 0.0); | ( 395063.5, |
| 3821955.4,  | 1198.8,    | 1439.5, | 0.0);   |       |             |
| ( 395038.9, | 3821956.1, | 1210.6, | 1439.5, | 0.0); | ( 395014.4, |
| 3821956.8,  | 1223.3,    | 1439.5, | 0.0);   |       |             |
| ( 394989.9, | 3821957.5, | 1234.5, | 1438.6, | 0.0); | ( 394965.3, |
| 3821958.2,  | 1236.3,    | 1439.5, | 0.0);   |       |             |
| ( 394940.8, | 3821958.9, | 1230.7, | 1439.5, | 0.0); | ( 394916.3, |
| 3821959.6,  | 1220.3,    | 1439.5, | 0.0);   |       |             |
| ( 394891.8, | 3821960.3, | 1210.0, | 1439.5, | 0.0); | ( 394867.2, |
| 3821961.0,  | 1211.1,    | 1439.5, | 0.0);   |       |             |
| ( 394842.7, | 3821961.7, | 1219.8, | 1439.5, | 0.0); | ( 394818.2, |
| 3821962.4,  | 1232.3,    | 1439.5, | 0.0);   |       |             |
| ( 394793.6, | 3821963.1, | 1247.6, | 1439.5, | 0.0); | ( 394769.1, |
| 3821963.8,  | 1263.5,    | 1400.2, | 0.0);   |       |             |
| ( 394744.6, | 3821964.5, | 1278.0, | 1379.4, | 0.0); | ( 394720.0, |
| 3821965.2,  | 1290.8,    | 1379.4, | 0.0);   |       |             |
| ( 394695.5, | 3821965.9, | 1301.5, | 1379.4, | 0.0); | ( 394671.0, |
| 3821966.6,  | 1308.8,    | 1379.4, | 0.0);   |       |             |
| ( 394646.5, | 3821967.3, | 1311.7, | 1379.4, | 0.0); | ( 394621.9, |
| 3821968.0,  | 1310.2,    | 1379.4, | 0.0);   |       |             |
| ( 394597.4, | 3821968.7, | 1304.4, | 1379.4, | 0.0); | ( 394572.9, |

```

3821969.4, 1295.2, 1379.4, 0.0);
(394548.3, 3821970.1, 1284.2, 1400.2, 0.0); (394523.8,
3821970.8, 1272.5, 1439.5, 0.0);
(394499.3, 3821971.5, 1262.3, 1439.5, 0.0); (394474.8,
3821972.2, 1256.8, 1439.5, 0.0);
(400339.3, 3819797.1, 1011.3, 1539.0, 0.0); (400352.5,
3819776.4, 1009.6, 1540.1, 0.0);
(401445.4, 3820527.9, 959.8, 1540.1, 0.0); (401426.4,
3820543.3, 958.6, 1540.1, 0.0);
(401407.3, 3820558.7, 957.4, 1540.1, 0.0); (401388.2,
3820574.1, 956.3, 1540.1, 0.0);
(401369.2, 3820589.5, 955.1, 1540.1, 0.0); (401350.1,
3820604.9, 953.9, 1540.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 115

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(401331.1, 3820620.3, 952.6, 1540.1, 0.0); (401312.0,
3820635.7, 951.5, 1540.1, 0.0);
(401292.9, 3820651.1, 950.4, 1540.1, 0.0); (401273.9,
3820666.4, 949.3, 1540.1, 0.0);
(401254.8, 3820681.8, 947.8, 1540.1, 0.0); (401235.7,
3820697.2, 946.5, 1540.1, 0.0);
(401216.7, 3820712.6, 945.4, 1540.1, 0.0); (401197.6,
3820728.0, 944.9, 1540.1, 0.0);
(401178.5, 3820743.4, 943.6, 1540.1, 0.0); (401159.5,
3820758.8, 942.4, 1540.1, 0.0);
(401140.4, 3820774.2, 941.3, 1540.1, 0.0); (401121.4,
3820789.6, 941.0, 1540.1, 0.0);
(401102.3, 3820804.9, 939.7, 1540.1, 0.0); (401083.2,
3820820.3, 938.4, 1540.1, 0.0);
(401064.2, 3820835.7, 936.8, 1540.1, 0.0); (401045.1,
3820851.1, 936.3, 1540.1, 0.0);
(401026.0, 3820866.5, 935.7, 1540.1, 0.0); (401007.0,
3820881.9, 935.1, 1540.1, 0.0);
(400987.9, 3820897.3, 933.0, 1540.1, 0.0); (400968.9,
3820912.7, 930.7, 1540.1, 0.0);
(400949.8, 3820928.1, 932.0, 1540.1, 0.0); (400930.7,
3820943.5, 932.7, 1540.1, 0.0);
(400911.7, 3820958.8, 930.5, 1540.1, 0.0); (400892.6,
3820974.2, 928.9, 1540.1, 0.0);
(400873.5, 3820989.6, 925.0, 1540.1, 0.0); (400854.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821005.0,  | 921.2,     | 1540.1, | 0.0);   |       |             |
| ( 400835.4, | 3821020.4, | 918.6,  | 1540.1, | 0.0); | ( 400816.3, |
| 3821035.8,  | 916.7,     | 1540.1, | 0.0);   |       |             |
| ( 400797.3, | 3821051.2, | 917.1,  | 1540.1, | 0.0); | ( 400778.2, |
| 3821066.6,  | 918.4,     | 1540.1, | 0.0);   |       |             |
| ( 400759.2, | 3821082.0, | 919.7,  | 1539.0, | 0.0); | ( 400740.1, |
| 3821097.4,  | 921.2,     | 1276.5, | 0.0);   |       |             |
| ( 400721.0, | 3821112.8, | 923.3,  | 1276.5, | 0.0); | ( 400702.0, |
| 3821128.1,  | 924.3,     | 1276.5, | 0.0);   |       |             |
| ( 400682.9, | 3821143.5, | 924.1,  | 1276.5, | 0.0); | ( 400663.8, |
| 3821158.9,  | 924.0,     | 1276.5, | 0.0);   |       |             |
| ( 400644.8, | 3821174.3, | 924.4,  | 1276.5, | 0.0); | ( 400625.7, |
| 3821189.7,  | 924.9,     | 1276.5, | 0.0);   |       |             |
| ( 400606.7, | 3821205.1, | 926.1,  | 1276.5, | 0.0); | ( 400587.6, |
| 3821220.5,  | 926.8,     | 1276.5, | 0.0);   |       |             |
| ( 400568.5, | 3821235.9, | 926.1,  | 1276.5, | 0.0); | ( 400549.5, |
| 3821251.2,  | 926.4,     | 1276.5, | 0.0);   |       |             |
| ( 400530.4, | 3821266.6, | 926.0,  | 1276.5, | 0.0); | ( 400511.3, |
| 3821282.0,  | 926.0,     | 1276.5, | 0.0);   |       |             |
| ( 400492.3, | 3821297.4, | 925.8,  | 1276.5, | 0.0); | ( 400473.2, |
| 3821312.8,  | 925.4,     | 1276.5, | 0.0);   |       |             |
| ( 400454.1, | 3821328.2, | 924.6,  | 1276.5, | 0.0); | ( 400435.1, |
| 3821343.6,  | 923.2,     | 1276.5, | 0.0);   |       |             |
| ( 400416.0, | 3821359.0, | 921.2,  | 1276.5, | 0.0); | ( 400397.0, |
| 3821374.4,  | 919.2,     | 1276.5, | 0.0);   |       |             |
| ( 400377.9, | 3821389.8, | 917.0,  | 1276.5, | 0.0); | ( 400358.8, |
| 3821405.1,  | 915.5,     | 1276.5, | 0.0);   |       |             |
| ( 400339.8, | 3821420.5, | 914.8,  | 1276.5, | 0.0); | ( 400320.7, |
| 3821435.9,  | 914.8,     | 1276.5, | 0.0);   |       |             |
| ( 400301.6, | 3821451.3, | 915.3,  | 1276.5, | 0.0); | ( 400282.6, |
| 3821466.7,  | 916.5,     | 1276.5, | 0.0);   |       |             |
| ( 400263.5, | 3821482.1, | 919.3,  | 1276.5, | 0.0); | ( 400244.5, |
| 3821497.5,  | 919.3,     | 1276.5, | 0.0);   |       |             |
| ( 400225.4, | 3821512.9, | 918.2,  | 1276.5, | 0.0); | ( 400206.3, |
| 3821528.3,  | 918.2,     | 1276.5, | 0.0);   |       |             |
| ( 400187.3, | 3821543.6, | 920.4,  | 1276.5, | 0.0); | ( 400168.2, |
| 3821559.0,  | 923.2,     | 1276.5, | 0.0);   |       |             |
| ( 400149.1, | 3821574.4, | 925.6,  | 1270.4, | 0.0); | ( 400130.1, |
| 3821589.8,  | 926.6,     | 1268.9, | 0.0);   |       |             |
| ( 400111.0, | 3821605.2, | 924.9,  | 1270.4, | 0.0); | ( 400092.0, |
| 3821620.6,  | 922.6,     | 1270.4, | 0.0);   |       |             |
| ( 400072.9, | 3821636.0, | 920.8,  | 1274.9, | 0.0); | ( 400053.8, |
| 3821651.4,  | 921.0,     | 1270.4, | 0.0);   |       |             |
| ( 400034.8, | 3821666.8, | 923.2,  | 1268.9, | 0.0); | ( 400015.7, |
| 3821682.2,  | 923.4,     | 1256.8, | 0.0);   |       |             |
| ( 399996.6, | 3821697.5, | 923.1,  | 1256.8, | 0.0); | ( 399977.6, |
| 3821712.9,  | 922.8,     | 922.8,  | 0.0);   |       |             |
| ( 399958.5, | 3821728.3, | 922.8,  | 922.8,  | 0.0); | ( 399939.4, |
| 3821743.7,  | 922.8,     | 922.8,  | 0.0);   |       |             |
| ( 399920.4, | 3821759.1, | 922.6,  | 924.0,  | 0.0); | ( 399901.3, |

```

3821774.5, 918.3, 924.0, 0.0);
(399882.2, 3821789.9, 913.8, 1268.9, 0.0); (399863.2,
3821805.3, 912.0, 1270.4, 0.0);
(399844.1, 3821820.7, 911.8, 1268.9, 0.0); (399825.1,
3821836.1, 911.7, 1268.9, 0.0);
(399806.0, 3821851.4, 911.1, 1256.8, 0.0); (399786.9,
3821866.8, 911.3, 922.0, 0.0);
(399767.9, 3821882.2, 911.7, 911.7, 0.0); (399748.8,
3821897.6, 912.4, 912.4, 0.0);
(399729.8, 3821913.0, 912.7, 912.7, 0.0); (399710.7,
3821928.4, 913.4, 913.4, 0.0);
(399691.6, 3821943.8, 914.2, 914.2, 0.0); (399672.6,
3821959.2, 915.0, 915.0, 0.0);
(399653.5, 3821974.6, 914.8, 915.0, 0.0); (399634.4,
3821989.9, 912.6, 917.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 116

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(399615.4, 3822005.3, 911.9, 916.3, 0.0); (399596.3,
3822020.7, 912.3, 912.3, 0.0);
(399577.2, 3822036.1, 913.2, 913.2, 0.0); (399558.2,
3822051.5, 909.8, 913.5, 0.0);
(399539.1, 3822066.9, 905.6, 913.5, 0.0); (399520.0,
3822082.3, 901.6, 916.2, 0.0);
(399501.0, 3822097.7, 899.0, 922.8, 0.0); (399481.9,
3822113.1, 898.4, 922.8, 0.0);
(399462.9, 3822128.5, 897.9, 913.5, 0.0); (399443.8,
3822143.8, 895.2, 922.8, 0.0);
(399424.7, 3822159.2, 892.0, 1378.7, 0.0); (399405.7,
3822174.6, 889.6, 1379.4, 0.0);
(399386.6, 3822190.0, 887.8, 1379.4, 0.0); (399367.5,
3822205.4, 886.9, 1379.4, 0.0);
(399348.5, 3822220.8, 885.5, 1379.4, 0.0); (399329.4,
3822236.2, 884.7, 1379.4, 0.0);
(399310.4, 3822251.6, 883.8, 1379.4, 0.0); (399291.3,
3822267.0, 882.8, 1379.4, 0.0);
(399272.2, 3822282.3, 881.9, 1379.4, 0.0); (399253.2,
3822297.7, 881.1, 1379.4, 0.0);
(399234.1, 3822313.1, 880.4, 1379.4, 0.0); (399215.0,
3822328.5, 879.8, 1379.4, 0.0);
(399196.0, 3822343.9, 879.3, 1379.4, 0.0); (399176.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822359.3,  | 879.3,     | 1379.4, | 0.0);   |       |             |
| ( 399157.8, | 3822374.7, | 878.6,  | 1379.4, | 0.0); | ( 399138.8, |
| 3822390.1,  | 877.8,     | 1379.4, | 0.0);   |       |             |
| ( 399119.7, | 3822405.5, | 876.9,  | 1379.4, | 0.0); | ( 399100.7, |
| 3822420.9,  | 876.3,     | 1379.4, | 0.0);   |       |             |
| ( 399081.6, | 3822436.2, | 877.4,  | 1379.4, | 0.0); | ( 399062.5, |
| 3822451.6,  | 877.8,     | 1379.4, | 0.0);   |       |             |
| ( 399043.5, | 3822467.0, | 876.6,  | 1379.4, | 0.0); | ( 399024.4, |
| 3822482.4,  | 874.2,     | 1379.4, | 0.0);   |       |             |
| ( 399005.3, | 3822497.8, | 873.2,  | 1379.4, | 0.0); | ( 398986.3, |
| 3822513.2,  | 873.6,     | 1379.4, | 0.0);   |       |             |
| ( 398967.2, | 3822528.6, | 873.8,  | 1379.4, | 0.0); | ( 398948.2, |
| 3822544.0,  | 872.4,     | 1379.4, | 0.0);   |       |             |
| ( 398929.1, | 3822559.4, | 872.0,  | 1379.4, | 0.0); | ( 398910.0, |
| 3822574.8,  | 873.2,     | 1379.4, | 0.0);   |       |             |
| ( 398891.0, | 3822590.1, | 874.3,  | 1379.4, | 0.0); | ( 398871.9, |
| 3822605.5,  | 874.2,     | 1379.4, | 0.0);   |       |             |
| ( 398852.8, | 3822620.9, | 873.0,  | 1379.4, | 0.0); | ( 398833.8, |
| 3822636.3,  | 871.8,     | 1379.4, | 0.0);   |       |             |
| ( 398814.7, | 3822651.7, | 870.8,  | 1379.4, | 0.0); | ( 398795.6, |
| 3822667.1,  | 870.3,     | 1379.4, | 0.0);   |       |             |
| ( 398776.6, | 3822682.5, | 870.1,  | 1379.4, | 0.0); | ( 398757.5, |
| 3822697.9,  | 869.9,     | 1379.4, | 0.0);   |       |             |
| ( 398738.5, | 3822713.3, | 869.7,  | 1379.4, | 0.0); | ( 398719.4, |
| 3822728.6,  | 868.6,     | 1379.4, | 0.0);   |       |             |
| ( 398700.3, | 3822744.0, | 865.9,  | 1400.2, | 0.0); | ( 398681.3, |
| 3822759.4,  | 864.0,     | 1400.8, | 0.0);   |       |             |
| ( 398662.2, | 3822774.8, | 863.1,  | 1400.8, | 0.0); | ( 398643.1, |
| 3822790.2,  | 862.7,     | 1439.5, | 0.0);   |       |             |
| ( 398624.1, | 3822805.6, | 862.4,  | 1439.5, | 0.0); | ( 398605.0, |
| 3822821.0,  | 862.1,     | 1439.5, | 0.0);   |       |             |
| ( 398586.0, | 3822836.4, | 861.9,  | 1439.5, | 0.0); | ( 398566.9, |
| 3822851.8,  | 861.6,     | 1439.5, | 0.0);   |       |             |
| ( 398547.8, | 3822867.2, | 861.4,  | 1439.5, | 0.0); | ( 398528.8, |
| 3822882.5,  | 861.1,     | 1439.5, | 0.0);   |       |             |
| ( 398509.7, | 3822897.9, | 860.9,  | 1439.5, | 0.0); | ( 398490.6, |
| 3822913.3,  | 860.6,     | 1439.5, | 0.0);   |       |             |
| ( 398471.6, | 3822928.7, | 860.4,  | 1439.5, | 0.0); | ( 398452.5, |
| 3822944.1,  | 860.2,     | 1439.5, | 0.0);   |       |             |
| ( 398433.5, | 3822959.5, | 860.1,  | 1439.5, | 0.0); | ( 398414.4, |
| 3822974.9,  | 860.0,     | 1439.5, | 0.0);   |       |             |
| ( 398395.3, | 3822990.3, | 859.8,  | 1439.5, | 0.0); | ( 398376.3, |
| 3823005.7,  | 859.7,     | 1439.5, | 0.0);   |       |             |
| ( 398357.2, | 3823021.0, | 859.7,  | 1439.5, | 0.0); | ( 398338.1, |
| 3823036.4,  | 859.8,     | 1439.5, | 0.0);   |       |             |
| ( 398319.1, | 3823051.8, | 859.8,  | 1439.5, | 0.0); | ( 398300.0, |
| 3823067.2,  | 860.0,     | 1439.5, | 0.0);   |       |             |
| ( 398280.9, | 3823082.6, | 860.2,  | 1439.5, | 0.0); | ( 398261.9, |
| 3823098.0,  | 860.4,     | 1439.5, | 0.0);   |       |             |
| ( 398242.8, | 3823113.4, | 860.6,  | 1439.5, | 0.0); | ( 398199.3, |

```

3823129.5, 861.4, 1439.5, 0.0);
(398174.8, 3823130.2, 861.9, 1439.5, 0.0); (398150.3,
3823130.9, 862.5, 1439.5, 0.0);
(398125.8, 3823131.6, 863.0, 1439.5, 0.0); (398101.3,
3823132.3, 863.5, 1439.5, 0.0);
(398076.8, 3823133.0, 864.0, 1439.5, 0.0); (398052.3,
3823133.7, 864.5, 1439.5, 0.0);
(398027.8, 3823134.4, 864.9, 1439.5, 0.0); (398003.3,
3823135.1, 865.4, 1439.5, 0.0);
(397978.9, 3823135.8, 865.8, 1439.5, 0.0); (397954.4,
3823136.5, 866.2, 1439.5, 0.0);
(397929.9, 3823137.2, 866.6, 1439.5, 0.0); (397905.4,
3823137.9, 867.0, 1439.5, 0.0);
(397880.9, 3823138.6, 867.3, 1439.5, 0.0); (397856.4,
3823139.3, 867.7, 1439.5, 0.0);
(397831.9, 3823140.0, 868.0, 1439.5, 0.0); (397807.4,
3823140.7, 868.3, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 117

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(397782.9, 3823141.4, 868.6, 1439.5, 0.0); (397758.5,
3823142.1, 868.8, 1439.5, 0.0);
(397734.0, 3823142.8, 868.7, 1439.5, 0.0); (397709.5,
3823143.5, 868.8, 1439.5, 0.0);
(397685.0, 3823144.2, 868.7, 1439.5, 0.0); (397660.5,
3823144.9, 868.6, 1439.5, 0.0);
(397636.0, 3823145.6, 868.6, 1439.5, 0.0); (397611.5,
3823146.3, 868.5, 1439.5, 0.0);
(397587.0, 3823147.0, 868.4, 1439.5, 0.0); (397562.5,
3823147.7, 867.8, 1439.5, 0.0);
(397538.0, 3823148.4, 867.8, 1439.5, 0.0); (397513.5,
3823149.1, 868.5, 1439.5, 0.0);
(397489.1, 3823149.8, 868.7, 1439.5, 0.0); (397464.6,
3823150.5, 868.4, 1439.5, 0.0);
(397440.1, 3823151.2, 868.2, 1439.5, 0.0); (397415.6,
3823151.9, 867.9, 1439.5, 0.0);
(397391.1, 3823152.6, 867.7, 1439.5, 0.0); (397366.6,
3823153.3, 867.4, 1439.5, 0.0);
(397342.1, 3823154.0, 867.0, 1439.5, 0.0); (397317.6,
3823154.7, 866.8, 1439.5, 0.0);
(397293.1, 3823155.4, 867.5, 1439.5, 0.0); (397268.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823156.1,  | 868.6,     | 1439.5, | 0.0);   |       |             |
| ( 397244.2, | 3823156.8, | 868.2,  | 1439.5, | 0.0); | ( 397219.7, |
| 3823157.5,  | 868.9,     | 1439.5, | 0.0);   |       |             |
| ( 397195.2, | 3823158.2, | 869.4,  | 1439.5, | 0.0); | ( 397170.7, |
| 3823158.9,  | 869.4,     | 1439.5, | 0.0);   |       |             |
| ( 397146.2, | 3823159.6, | 869.9,  | 1439.5, | 0.0); | ( 397121.7, |
| 3823160.3,  | 870.4,     | 1439.5, | 0.0);   |       |             |
| ( 397097.2, | 3823161.0, | 871.9,  | 1439.5, | 0.0); | ( 397072.7, |
| 3823161.8,  | 874.3,     | 1439.5, | 0.0);   |       |             |
| ( 397048.2, | 3823162.4, | 875.4,  | 1439.5, | 0.0); | ( 397023.8, |
| 3823163.1,  | 876.4,     | 1439.5, | 0.0);   |       |             |
| ( 396999.3, | 3823163.8, | 877.6,  | 1439.5, | 0.0); | ( 396974.8, |
| 3823164.5,  | 878.4,     | 1439.5, | 0.0);   |       |             |
| ( 396950.3, | 3823165.3, | 879.3,  | 1439.5, | 0.0); | ( 396925.8, |
| 3823166.0,  | 880.4,     | 1439.5, | 0.0);   |       |             |
| ( 396901.3, | 3823166.7, | 881.7,  | 1439.5, | 0.0); | ( 396876.8, |
| 3823167.4,  | 882.9,     | 1439.5, | 0.0);   |       |             |
| ( 396852.3, | 3823168.1, | 884.2,  | 1439.5, | 0.0); | ( 396827.8, |
| 3823168.8,  | 885.9,     | 1439.5, | 0.0);   |       |             |
| ( 396803.3, | 3823169.5, | 887.1,  | 1439.5, | 0.0); | ( 396778.8, |
| 3823170.2,  | 887.0,     | 1439.5, | 0.0);   |       |             |
| ( 396754.4, | 3823170.9, | 886.9,  | 1439.5, | 0.0); | ( 396729.9, |
| 3823171.6,  | 887.8,     | 1439.5, | 0.0);   |       |             |
| ( 396705.4, | 3823172.3, | 889.8,  | 1439.5, | 0.0); | ( 396680.9, |
| 3823173.0,  | 891.9,     | 1439.5, | 0.0);   |       |             |
| ( 396656.4, | 3823173.7, | 893.4,  | 1439.5, | 0.0); | ( 396631.9, |
| 3823174.4,  | 894.0,     | 1439.5, | 0.0);   |       |             |
| ( 396607.4, | 3823175.1, | 895.1,  | 1439.5, | 0.0); | ( 396582.9, |
| 3823175.8,  | 896.9,     | 1439.5, | 0.0);   |       |             |
| ( 396558.4, | 3823176.5, | 898.7,  | 1439.5, | 0.0); | ( 396534.0, |
| 3823177.2,  | 900.7,     | 1439.5, | 0.0);   |       |             |
| ( 396509.5, | 3823177.9, | 902.5,  | 1439.5, | 0.0); | ( 396485.0, |
| 3823178.6,  | 903.2,     | 1439.5, | 0.0);   |       |             |
| ( 396460.5, | 3823179.3, | 903.1,  | 1439.5, | 0.0); | ( 396436.0, |
| 3823180.0,  | 902.7,     | 1439.5, | 0.0);   |       |             |
| ( 396411.5, | 3823180.7, | 901.7,  | 1439.5, | 0.0); | ( 396387.0, |
| 3823181.4,  | 899.8,     | 1439.5, | 0.0);   |       |             |
| ( 396362.5, | 3823182.1, | 898.9,  | 1439.5, | 0.0); | ( 396338.0, |
| 3823182.8,  | 900.5,     | 1439.5, | 0.0);   |       |             |
| ( 396313.5, | 3823183.5, | 905.7,  | 1439.5, | 0.0); | ( 396289.1, |
| 3823184.2,  | 910.8,     | 1439.5, | 0.0);   |       |             |
| ( 396264.6, | 3823184.9, | 913.3,  | 1439.5, | 0.0); | ( 396240.1, |
| 3823185.6,  | 914.4,     | 1439.5, | 0.0);   |       |             |
| ( 396215.6, | 3823186.3, | 915.3,  | 1439.5, | 0.0); | ( 396191.1, |
| 3823187.0,  | 916.1,     | 1439.5, | 0.0);   |       |             |
| ( 396166.6, | 3823187.7, | 916.7,  | 1439.5, | 0.0); | ( 396142.1, |
| 3823188.4,  | 917.4,     | 1439.5, | 0.0);   |       |             |
| ( 396117.6, | 3823189.1, | 918.5,  | 1439.5, | 0.0); | ( 396093.1, |
| 3823189.8,  | 919.5,     | 1439.5, | 0.0);   |       |             |
| ( 396068.6, | 3823190.5, | 921.0,  | 1439.5, | 0.0); | ( 396044.2, |



```

3823191.2, 923.0, 1439.5, 0.0);
(396019.7, 3823191.9, 924.5, 1439.5, 0.0); (395995.2,
3823192.6, 925.3, 1439.5, 0.0);
(395970.7, 3823193.3, 927.7, 1439.5, 0.0); (395946.2,
3823194.0, 930.3, 1439.5, 0.0);
(395921.7, 3823194.7, 930.9, 1439.5, 0.0); (395897.2,
3823195.4, 929.1, 1439.5, 0.0);
(395872.7, 3823196.1, 929.2, 1439.5, 0.0); (395848.2,
3823196.8, 932.0, 1439.5, 0.0);
(395823.8, 3823197.5, 934.4, 1439.5, 0.0); (395799.3,
3823198.2, 939.4, 1439.5, 0.0);
(395774.8, 3823198.9, 939.9, 1439.5, 0.0); (395750.3,
3823199.6, 940.8, 1439.5, 0.0);
(395725.8, 3823200.3, 942.4, 1439.5, 0.0); (395701.3,
3823201.0, 942.8, 1439.5, 0.0);
(395676.8, 3823201.7, 941.8, 1439.5, 0.0); (395652.3,
3823202.4, 942.6, 1439.5, 0.0);
(395627.8, 3823203.1, 944.7, 1439.5, 0.0); (395603.3,
3823203.8, 946.8, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 118

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395578.8, 3823204.5, 950.9, 1439.5, 0.0); (395554.4,
3823205.2, 954.8, 1439.5, 0.0);
(395529.9, 3823205.9, 955.1, 1439.5, 0.0); (395505.4,
3823206.6, 954.4, 1439.5, 0.0);
(395480.9, 3823207.3, 954.0, 1439.5, 0.0); (395456.4,
3823208.0, 953.3, 1439.5, 0.0);
(395431.9, 3823208.7, 952.7, 1439.5, 0.0); (395407.4,
3823209.4, 952.8, 1439.5, 0.0);
(395382.9, 3823210.1, 954.9, 1439.5, 0.0); (395358.4,
3823210.8, 955.7, 1439.5, 0.0);
(395334.0, 3823211.5, 956.5, 1439.5, 0.0); (395309.5,
3823212.2, 956.7, 1439.5, 0.0);
(395285.0, 3823212.9, 956.2, 1439.5, 0.0); (395260.5,
3823213.6, 956.6, 1439.5, 0.0);
(395236.0, 3823214.4, 958.1, 1439.5, 0.0); (395211.5,
3823215.1, 959.4, 1439.5, 0.0);
(395187.0, 3823215.8, 960.2, 1439.5, 0.0); (395162.5,
3823216.5, 960.4, 1439.5, 0.0);
(395138.0, 3823217.2, 961.0, 1439.5, 0.0); (395113.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823217.9,  | 963.0,     | 1439.5, | 0.0);   |       |             |
| ( 395089.0, | 3823218.6, | 966.1,  | 1439.5, | 0.0); | ( 395064.6, |
| 3823219.3,  | 968.5,     | 1439.5, | 0.0);   |       |             |
| ( 395040.1, | 3823220.0, | 970.0,  | 1439.5, | 0.0); | ( 395015.6, |
| 3823220.7,  | 971.7,     | 1439.5, | 0.0);   |       |             |
| ( 394991.1, | 3823221.4, | 973.4,  | 1439.5, | 0.0); | ( 394966.6, |
| 3823222.1,  | 974.3,     | 1439.5, | 0.0);   |       |             |
| ( 394942.1, | 3823222.8, | 974.5,  | 1439.5, | 0.0); | ( 394917.6, |
| 3823223.5,  | 975.1,     | 1439.5, | 0.0);   |       |             |
| ( 394893.1, | 3823224.2, | 976.7,  | 1439.5, | 0.0); | ( 394868.6, |
| 3823224.9,  | 978.8,     | 1439.5, | 0.0);   |       |             |
| ( 394844.2, | 3823225.6, | 980.4,  | 1439.5, | 0.0); | ( 394819.7, |
| 3823226.3,  | 981.2,     | 1439.5, | 0.0);   |       |             |
| ( 394795.2, | 3823227.0, | 981.1,  | 1439.5, | 0.0); | ( 394770.7, |
| 3823227.7,  | 980.9,     | 1439.5, | 0.0);   |       |             |
| ( 394746.2, | 3823228.4, | 983.4,  | 1439.5, | 0.0); | ( 394721.7, |
| 3823229.1,  | 987.3,     | 1439.5, | 0.0);   |       |             |
| ( 394697.2, | 3823229.8, | 989.5,  | 1439.5, | 0.0); | ( 394672.7, |
| 3823230.5,  | 988.3,     | 1439.5, | 0.0);   |       |             |
| ( 394648.2, | 3823231.2, | 986.4,  | 1439.5, | 0.0); | ( 394623.8, |
| 3823231.9,  | 983.8,     | 1439.5, | 0.0);   |       |             |
| ( 394599.3, | 3823232.6, | 982.9,  | 1439.5, | 0.0); | ( 394574.8, |
| 3823233.3,  | 983.0,     | 1439.5, | 0.0);   |       |             |
| ( 394550.3, | 3823234.0, | 984.3,  | 1523.5, | 0.0); | ( 394525.8, |
| 3823234.7,  | 987.2,     | 1523.5, | 0.0);   |       |             |
| ( 394501.3, | 3823235.4, | 990.0,  | 1439.5, | 0.0); | ( 394476.8, |
| 3823236.1,  | 992.8,     | 1439.5, | 0.0);   |       |             |
| ( 394452.3, | 3823236.8, | 995.5,  | 1439.5, | 0.0); | ( 394427.8, |
| 3823237.5,  | 998.8,     | 1439.5, | 0.0);   |       |             |
| ( 394403.3, | 3823238.2, | 1002.5, | 1439.5, | 0.0); | ( 394378.8, |
| 3823238.9,  | 1006.5,    | 1439.5, | 0.0);   |       |             |
| ( 394354.4, | 3823239.6, | 1010.9, | 1439.5, | 0.0); | ( 394329.9, |
| 3823240.3,  | 1015.2,    | 1439.5, | 0.0);   |       |             |
| ( 394305.4, | 3823241.0, | 1018.6, | 1439.5, | 0.0); | ( 394280.9, |
| 3823241.7,  | 1020.7,    | 1439.5, | 0.0);   |       |             |
| ( 394256.4, | 3823242.4, | 1022.8, | 1439.5, | 0.0); | ( 394231.9, |
| 3823243.1,  | 1024.5,    | 1439.5, | 0.0);   |       |             |
| ( 394207.4, | 3823243.8, | 1024.3, | 1439.5, | 0.0); | ( 394182.9, |
| 3823244.5,  | 1023.2,    | 1439.5, | 0.0);   |       |             |
| ( 394158.4, | 3823245.2, | 1021.3, | 1525.3, | 0.0); | ( 394134.0, |
| 3823245.9,  | 1019.7,    | 1525.3, | 0.0);   |       |             |
| ( 394109.5, | 3823246.6, | 1019.5, | 1529.1, | 0.0); | ( 394085.0, |
| 3823247.3,  | 1024.5,    | 1525.3, | 0.0);   |       |             |
| ( 401464.5, | 3820512.5, | 961.0,  | 1540.1, | 0.0); | ( 401477.7, |
| 3820491.8,  | 962.2,     | 1540.1, | 0.0);   |       |             |
| ( 402570.5, | 3821243.4, | 928.2,  | 1540.1, | 0.0); | ( 402551.4, |
| 3821258.9,  | 927.2,     | 1540.1, | 0.0);   |       |             |
| ( 402532.2, | 3821274.3, | 927.3,  | 1540.1, | 0.0); | ( 402513.1, |
| 3821289.8,  | 926.1,     | 1540.1, | 0.0);   |       |             |
| ( 402494.0, | 3821305.2, | 925.0,  | 1540.1, | 0.0); | ( 402474.8, |

```

3821320.7, 924.2, 1540.1, 0.0);
(402455.7, 3821336.1, 923.2, 1540.1, 0.0); (402436.6,
3821351.5, 922.7, 1540.1, 0.0);
(402417.4, 3821367.0, 921.8, 1540.1, 0.0); (402398.3,
3821382.4, 920.2, 1540.1, 0.0);
(402379.1, 3821397.9, 917.6, 1540.1, 0.0); (402360.0,
3821413.3, 915.3, 1540.1, 0.0);
(402340.9, 3821428.8, 913.9, 1540.1, 0.0); (402321.7,
3821444.2, 912.8, 1540.1, 0.0);
(402302.6, 3821459.7, 912.4, 1540.1, 0.0); (402283.5,
3821475.1, 910.7, 1540.1, 0.0);
(402264.3, 3821490.6, 909.0, 1540.1, 0.0); (402245.2,
3821506.0, 907.6, 1540.1, 0.0);
(402226.1, 3821521.5, 906.4, 1540.1, 0.0); (402206.9,
3821536.9, 905.2, 1540.1, 0.0);
(402187.8, 3821552.4, 904.1, 1540.1, 0.0); (402168.6,
3821567.8, 903.1, 1540.1, 0.0);
(402149.5, 3821583.3, 902.0, 1540.1, 0.0); (402130.4,
3821598.7, 901.5, 1540.1, 0.0);
(402111.2, 3821614.2, 900.8, 1540.1, 0.0); (402092.1,
3821629.6, 899.3, 1540.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 119

\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(402073.0, 3821645.1, 898.5, 1540.1, 0.0); (402053.8,
3821660.5, 898.9, 1540.1, 0.0);
(402034.7, 3821676.0, 898.6, 1540.1, 0.0); (402015.6,
3821691.4, 896.8, 1540.1, 0.0);
(401996.4, 3821706.9, 894.5, 1540.1, 0.0); (401977.3,
3821722.3, 892.9, 1540.1, 0.0);
(401958.1, 3821737.8, 892.0, 1540.1, 0.0); (401939.0,
3821753.2, 892.4, 1540.1, 0.0);
(401919.9, 3821768.7, 892.1, 1539.0, 0.0); (401900.7,
3821784.1, 889.4, 1539.0, 0.0);
(401881.6, 3821799.6, 888.2, 1539.0, 0.0); (401862.5,
3821815.0, 886.8, 1539.0, 0.0);
(401843.3, 3821830.5, 884.8, 1539.0, 0.0); (401824.2,
3821845.9, 881.8, 1539.0, 0.0);
(401805.1, 3821861.4, 879.5, 1539.0, 0.0); (401785.9,
3821876.8, 877.9, 1539.0, 0.0);
(401766.8, 3821892.3, 876.0, 1539.0, 0.0); (401747.6,

```

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3821907.7,  | 876.2,     | 916.6, | 0.0);  |       |             |
| ( 401728.5, | 3821923.1, | 876.7, | 916.1, | 0.0); | ( 401709.4, |
| 3821938.6,  | 878.1,     | 915.7, | 0.0);  |       |             |
| ( 401690.2, | 3821954.0, | 879.5, | 904.9, | 0.0); | ( 401671.1, |
| 3821969.5,  | 881.6,     | 904.9, | 0.0);  |       |             |
| ( 401652.0, | 3821984.9, | 884.4, | 904.9, | 0.0); | ( 401632.8, |
| 3822000.4,  | 889.2,     | 904.9, | 0.0);  |       |             |
| ( 401613.7, | 3822015.8, | 893.4, | 904.9, | 0.0); | ( 401594.6, |
| 3822031.3,  | 897.3,     | 904.9, | 0.0);  |       |             |
| ( 401575.4, | 3822046.7, | 899.7, | 904.9, | 0.0); | ( 401556.3, |
| 3822062.2,  | 898.7,     | 904.9, | 0.0);  |       |             |
| ( 401537.1, | 3822077.6, | 896.5, | 904.9, | 0.0); | ( 401518.0, |
| 3822093.1,  | 895.2,     | 904.9, | 0.0);  |       |             |
| ( 401498.9, | 3822108.5, | 895.0, | 895.0, | 0.0); | ( 401479.7, |
| 3822124.0,  | 894.6,     | 894.6, | 0.0);  |       |             |
| ( 401460.6, | 3822139.4, | 894.5, | 894.5, | 0.0); | ( 401441.5, |
| 3822154.9,  | 894.6,     | 894.6, | 0.0);  |       |             |
| ( 401422.3, | 3822170.3, | 894.4, | 894.4, | 0.0); | ( 401403.2, |
| 3822185.8,  | 895.1,     | 895.1, | 0.0);  |       |             |
| ( 401384.1, | 3822201.2, | 896.6, | 896.6, | 0.0); | ( 401364.9, |
| 3822216.7,  | 898.4,     | 898.4, | 0.0);  |       |             |
| ( 401345.8, | 3822232.1, | 899.1, | 899.1, | 0.0); | ( 401326.6, |
| 3822247.6,  | 897.8,     | 897.8, | 0.0);  |       |             |
| ( 401307.5, | 3822263.0, | 896.2, | 896.2, | 0.0); | ( 401288.4, |
| 3822278.5,  | 894.8,     | 894.8, | 0.0);  |       |             |
| ( 401269.2, | 3822293.9, | 894.1, | 894.1, | 0.0); | ( 401250.1, |
| 3822309.4,  | 893.5,     | 893.5, | 0.0);  |       |             |
| ( 401231.0, | 3822324.8, | 893.0, | 893.0, | 0.0); | ( 401211.8, |
| 3822340.3,  | 893.4,     | 893.4, | 0.0);  |       |             |
| ( 401192.7, | 3822355.7, | 893.3, | 893.3, | 0.0); | ( 401173.6, |
| 3822371.2,  | 892.6,     | 892.6, | 0.0);  |       |             |
| ( 401154.4, | 3822386.6, | 892.0, | 892.0, | 0.0); | ( 401135.3, |
| 3822402.1,  | 891.4,     | 891.4, | 0.0);  |       |             |
| ( 401116.1, | 3822417.5, | 890.9, | 890.9, | 0.0); | ( 401097.0, |
| 3822433.0,  | 890.1,     | 890.1, | 0.0);  |       |             |
| ( 401077.9, | 3822448.4, | 889.1, | 889.1, | 0.0); | ( 401058.7, |
| 3822463.8,  | 888.4,     | 888.4, | 0.0);  |       |             |
| ( 401039.6, | 3822479.3, | 887.7, | 887.7, | 0.0); | ( 401020.5, |
| 3822494.8,  | 886.6,     | 886.6, | 0.0);  |       |             |
| ( 401001.3, | 3822510.2, | 886.1, | 887.3, | 0.0); | ( 400982.2, |
| 3822525.6,  | 885.3,     | 885.3, | 0.0);  |       |             |
| ( 400963.1, | 3822541.1, | 883.6, | 888.6, | 0.0); | ( 400943.9, |
| 3822556.5,  | 880.8,     | 888.8, | 0.0);  |       |             |
| ( 400924.8, | 3822572.0, | 879.7, | 888.8, | 0.0); | ( 400905.6, |
| 3822587.4,  | 878.3,     | 887.6, | 0.0);  |       |             |
| ( 400886.5, | 3822602.9, | 876.5, | 887.6, | 0.0); | ( 400867.4, |
| 3822618.3,  | 876.4,     | 878.2, | 0.0);  |       |             |
| ( 400848.2, | 3822633.8, | 874.2, | 878.2, | 0.0); | ( 400829.1, |
| 3822649.2,  | 872.6,     | 878.2, | 0.0);  |       |             |
| ( 400810.0, | 3822664.7, | 872.3, | 872.3, | 0.0); | ( 400790.8, |

```

3822680.1, 872.7, 872.7, 0.0);
 (400771.7, 3822695.6, 873.3, 873.3, 0.0); (400752.6,
3822711.0, 874.4, 874.4, 0.0);
 (400733.4, 3822726.5, 875.8, 875.8, 0.0); (400714.3,
3822741.9, 877.2, 877.2, 0.0);
 (400695.1, 3822757.4, 878.8, 878.8, 0.0); (400676.0,
3822772.8, 879.3, 879.3, 0.0);
 (400656.9, 3822788.3, 878.8, 878.8, 0.0); (400637.7,
3822803.7, 877.6, 877.6, 0.0);
 (400618.6, 3822819.2, 876.4, 876.4, 0.0); (400599.5,
3822834.6, 875.1, 875.1, 0.0);
 (400580.3, 3822850.1, 874.1, 874.1, 0.0); (400561.2,
3822865.5, 873.8, 873.8, 0.0);
 (400542.1, 3822881.0, 873.9, 873.9, 0.0); (400522.9,
3822896.4, 873.9, 873.9, 0.0);
 (400503.8, 3822911.9, 873.5, 873.5, 0.0); (400484.6,
3822927.3, 873.2, 873.2, 0.0);
 (400465.5, 3822942.8, 874.0, 874.0, 0.0); (400446.4,
3822958.2, 874.4, 874.4, 0.0);
 (400427.2, 3822973.7, 874.0, 874.0, 0.0); (400408.1,
3822989.1, 874.1, 874.1, 0.0);
 (400389.0, 3823004.6, 873.8, 873.8, 0.0); (400369.8,
3823020.0, 871.9, 873.4, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 120

\*\*\* MODELOPTs:    RegDFAULT   CONC   ELEV   RURAL   ADJ\_U\*   BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (400350.7, 3823035.4, 868.8, 874.8, 0.0); (400331.6,
3823050.9, 866.9, 873.4, 0.0);
 (400312.4, 3823066.3, 865.8, 865.8, 0.0); (400293.3,
3823081.8, 864.2, 871.9, 0.0);
 (400274.1, 3823097.2, 862.6, 871.9, 0.0); (400255.0,
3823112.7, 860.6, 871.9, 0.0);
 (400235.9, 3823128.1, 859.6, 871.9, 0.0); (400216.7,
3823143.6, 858.4, 858.4, 0.0);
 (400197.6, 3823159.0, 857.5, 857.5, 0.0); (400178.5,
3823174.5, 856.5, 856.5, 0.0);
 (400159.3, 3823189.9, 857.1, 857.1, 0.0); (400140.2,
3823205.4, 856.8, 856.8, 0.0);
 (400121.1, 3823220.8, 854.5, 857.3, 0.0); (400101.9,
3823236.3, 851.5, 858.4, 0.0);
 (400082.8, 3823251.7, 848.8, 858.4, 0.0); (400063.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823267.2,  | 846.9,     | 858.4,  | 0.0);   |       |             |
| ( 400044.5, | 3823282.6, | 845.5,  | 857.3,  | 0.0); | ( 400025.4, |
| 3823298.1,  | 844.1,     | 844.1,  | 0.0);   |       |             |
| ( 400006.2, | 3823313.5, | 842.8,  | 842.8,  | 0.0); | ( 399987.1, |
| 3823329.0,  | 841.6,     | 841.6,  | 0.0);   |       |             |
| ( 399968.0, | 3823344.4, | 840.4,  | 840.4,  | 0.0); | ( 399948.8, |
| 3823359.9,  | 839.3,     | 839.3,  | 0.0);   |       |             |
| ( 399929.7, | 3823375.3, | 838.8,  | 864.0,  | 0.0); | ( 399910.6, |
| 3823390.8,  | 838.6,     | 864.0,  | 0.0);   |       |             |
| ( 399891.4, | 3823406.2, | 838.9,  | 864.0,  | 0.0); | ( 399872.3, |
| 3823421.7,  | 840.2,     | 864.0,  | 0.0);   |       |             |
| ( 399853.1, | 3823437.1, | 841.6,  | 864.0,  | 0.0); | ( 399834.0, |
| 3823452.6,  | 842.3,     | 864.0,  | 0.0);   |       |             |
| ( 399814.9, | 3823468.0, | 844.0,  | 864.0,  | 0.0); | ( 399795.7, |
| 3823483.5,  | 846.6,     | 864.0,  | 0.0);   |       |             |
| ( 399776.6, | 3823498.9, | 850.8,  | 864.0,  | 0.0); | ( 399757.5, |
| 3823514.4,  | 856.8,     | 864.0,  | 0.0);   |       |             |
| ( 399738.3, | 3823529.8, | 860.6,  | 863.4,  | 0.0); | ( 399719.2, |
| 3823545.3,  | 859.8,     | 863.4,  | 0.0);   |       |             |
| ( 399700.1, | 3823560.7, | 855.6,  | 864.0,  | 0.0); | ( 399680.9, |
| 3823576.2,  | 853.6,     | 864.0,  | 0.0);   |       |             |
| ( 399661.8, | 3823591.6, | 853.3,  | 863.4,  | 0.0); | ( 399642.6, |
| 3823607.0,  | 853.6,     | 853.6,  | 0.0);   |       |             |
| ( 399623.5, | 3823622.5, | 853.9,  | 853.9,  | 0.0); | ( 399604.4, |
| 3823637.9,  | 853.8,     | 856.9,  | 0.0);   |       |             |
| ( 399585.2, | 3823653.4, | 852.4,  | 852.4,  | 0.0); | ( 399566.1, |
| 3823668.8,  | 850.5,     | 853.9,  | 0.0);   |       |             |
| ( 399547.0, | 3823684.3, | 849.6,  | 849.6,  | 0.0); | ( 399527.8, |
| 3823699.7,  | 848.7,     | 848.7,  | 0.0);   |       |             |
| ( 399508.7, | 3823715.2, | 848.4,  | 848.4,  | 0.0); | ( 399489.6, |
| 3823730.6,  | 848.3,     | 848.3,  | 0.0);   |       |             |
| ( 399470.4, | 3823746.1, | 847.3,  | 847.3,  | 0.0); | ( 399451.3, |
| 3823761.5,  | 846.0,     | 1378.7, | 0.0);   |       |             |
| ( 399432.1, | 3823777.0, | 845.2,  | 1379.2, | 0.0); | ( 399413.0, |
| 3823792.4,  | 844.4,     | 1379.4, | 0.0);   |       |             |
| ( 399393.9, | 3823807.9, | 843.9,  | 1379.4, | 0.0); | ( 399374.7, |
| 3823823.3,  | 843.7,     | 1379.4, | 0.0);   |       |             |
| ( 399355.6, | 3823838.8, | 843.8,  | 1379.4, | 0.0); | ( 399336.5, |
| 3823854.2,  | 843.8,     | 1379.4, | 0.0);   |       |             |
| ( 399317.3, | 3823869.7, | 843.4,  | 1379.4, | 0.0); | ( 399298.2, |
| 3823885.1,  | 842.9,     | 1379.4, | 0.0);   |       |             |
| ( 399279.1, | 3823900.6, | 843.4,  | 1379.4, | 0.0); | ( 399259.9, |
| 3823916.0,  | 843.7,     | 1379.4, | 0.0);   |       |             |
| ( 399240.8, | 3823931.5, | 843.1,  | 1379.4, | 0.0); | ( 399221.6, |
| 3823946.9,  | 842.7,     | 1379.4, | 0.0);   |       |             |
| ( 399202.5, | 3823962.4, | 843.0,  | 1379.4, | 0.0); | ( 399183.4, |
| 3823977.8,  | 843.2,     | 1379.4, | 0.0);   |       |             |
| ( 399164.2, | 3823993.3, | 843.6,  | 1379.4, | 0.0); | ( 399145.1, |
| 3824008.7,  | 844.6,     | 1379.4, | 0.0);   |       |             |
| ( 399126.0, | 3824024.2, | 844.9,  | 1379.4, | 0.0); | ( 399106.8, |

```

3824039.6, 844.8, 1379.4, 0.0);
(399087.7, 3824055.1, 844.8, 1379.4, 0.0); (399068.6,
3824070.5, 843.4, 1379.4, 0.0);
(399049.4, 3824086.0, 842.1, 1379.4, 0.0); (399030.3,
3824101.4, 841.5, 1379.4, 0.0);
(399011.1, 3824116.9, 841.5, 1379.4, 0.0); (398992.0,
3824132.3, 841.6, 1379.4, 0.0);
(398972.9, 3824147.8, 841.1, 1379.4, 0.0); (398953.8,
3824163.2, 841.0, 1379.4, 0.0);
(398934.6, 3824178.6, 841.0, 1379.4, 0.0); (398915.5,
3824194.1, 840.3, 1379.4, 0.0);
(398896.3, 3824209.5, 840.1, 1379.4, 0.0); (398877.2,
3824225.0, 839.8, 1379.4, 0.0);
(398858.1, 3824240.4, 839.4, 1379.4, 0.0); (398838.9,
3824255.9, 838.6, 1379.4, 0.0);
(398819.8, 3824271.3, 838.5, 1379.4, 0.0); (398800.6,
3824286.8, 837.6, 1379.4, 0.0);
(398781.5, 3824302.2, 836.5, 1379.4, 0.0); (398762.4,
3824317.7, 835.7, 1379.4, 0.0);
(398743.2, 3824333.1, 835.3, 1379.4, 0.0); (398724.1,
3824348.6, 834.7, 1379.4, 0.0);
(398705.0, 3824364.0, 833.9, 1379.4, 0.0); (398661.2,
3824380.2, 833.3, 1379.4, 0.0);
(398636.7, 3824380.9, 833.6, 1379.4, 0.0); (398612.1,
3824381.6, 833.9, 1379.4, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 121

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(398587.5, 3824382.3, 834.7, 1379.4, 0.0); (398562.9,
3824383.0, 835.0, 1379.4, 0.0);
(398538.3, 3824383.7, 835.2, 1379.4, 0.0); (398513.8,
3824384.4, 835.3, 1379.4, 0.0);
(398489.2, 3824385.1, 835.3, 1379.4, 0.0); (398464.6,
3824385.8, 835.3, 1379.4, 0.0);
(398440.0, 3824386.5, 835.5, 1379.4, 0.0); (398415.4,
3824387.2, 836.5, 1379.4, 0.0);
(398390.8, 3824387.9, 837.2, 1379.4, 0.0); (398366.2,
3824388.6, 837.2, 1395.9, 0.0);
(398341.7, 3824389.3, 837.3, 1398.2, 0.0); (398317.1,
3824390.0, 837.4, 1400.2, 0.0);
(398292.5, 3824390.8, 837.6, 1400.2, 0.0); (398267.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824391.4,  | 838.1,     | 1400.8, | 0.0);   |       |             |
| ( 398243.3, | 3824392.2, | 838.5,  | 1400.8, | 0.0); | ( 398218.7, |
| 3824392.9,  | 838.6,     | 1400.8, | 0.0);   |       |             |
| ( 398194.2, | 3824393.6, | 838.7,  | 1401.1, | 0.0); | ( 398169.6, |
| 3824394.3,  | 838.5,     | 1403.9, | 0.0);   |       |             |
| ( 398145.0, | 3824395.0, | 838.7,  | 1438.6, | 0.0); | ( 398120.4, |
| 3824395.7,  | 839.4,     | 1439.5, | 0.0);   |       |             |
| ( 398095.8, | 3824396.4, | 840.1,  | 1439.5, | 0.0); | ( 398071.2, |
| 3824397.1,  | 840.8,     | 1439.5, | 0.0);   |       |             |
| ( 398046.7, | 3824397.8, | 841.5,  | 1439.5, | 0.0); | ( 398022.1, |
| 3824398.5,  | 842.4,     | 1439.5, | 0.0);   |       |             |
| ( 397997.5, | 3824399.2, | 844.1,  | 1439.5, | 0.0); | ( 397972.9, |
| 3824399.9,  | 845.5,     | 1439.5, | 0.0);   |       |             |
| ( 397948.3, | 3824400.6, | 846.5,  | 1439.5, | 0.0); | ( 397923.7, |
| 3824401.3,  | 846.8,     | 1439.5, | 0.0);   |       |             |
| ( 397899.2, | 3824402.0, | 845.5,  | 1439.5, | 0.0); | ( 397874.6, |
| 3824402.7,  | 845.0,     | 1439.5, | 0.0);   |       |             |
| ( 397850.0, | 3824403.4, | 845.5,  | 1439.5, | 0.0); | ( 397825.4, |
| 3824404.1,  | 846.0,     | 1439.5, | 0.0);   |       |             |
| ( 397800.8, | 3824404.8, | 845.8,  | 1439.5, | 0.0); | ( 397776.2, |
| 3824405.5,  | 845.7,     | 1439.5, | 0.0);   |       |             |
| ( 397751.6, | 3824406.2, | 846.5,  | 1439.5, | 0.0); | ( 397727.1, |
| 3824406.9,  | 847.5,     | 1439.5, | 0.0);   |       |             |
| ( 397702.5, | 3824407.6, | 848.6,  | 1439.5, | 0.0); | ( 397677.9, |
| 3824408.3,  | 848.5,     | 1439.5, | 0.0);   |       |             |
| ( 397653.3, | 3824409.1, | 850.5,  | 1439.5, | 0.0); | ( 397628.7, |
| 3824409.8,  | 853.7,     | 1439.5, | 0.0);   |       |             |
| ( 397604.1, | 3824410.5, | 854.3,  | 1439.5, | 0.0); | ( 397579.6, |
| 3824411.2,  | 853.3,     | 1439.5, | 0.0);   |       |             |
| ( 397555.0, | 3824411.9, | 853.1,  | 1439.5, | 0.0); | ( 397530.4, |
| 3824412.6,  | 852.9,     | 1439.5, | 0.0);   |       |             |
| ( 397505.8, | 3824413.3, | 852.7,  | 1439.5, | 0.0); | ( 397481.2, |
| 3824414.0,  | 852.9,     | 1439.5, | 0.0);   |       |             |
| ( 397456.6, | 3824414.7, | 853.3,  | 1439.5, | 0.0); | ( 397432.1, |
| 3824415.4,  | 854.0,     | 1439.5, | 0.0);   |       |             |
| ( 397407.5, | 3824416.1, | 855.2,  | 1439.5, | 0.0); | ( 397382.9, |
| 3824416.8,  | 856.2,     | 1439.5, | 0.0);   |       |             |
| ( 397358.3, | 3824417.5, | 856.8,  | 1439.5, | 0.0); | ( 397333.7, |
| 3824418.2,  | 857.2,     | 1439.5, | 0.0);   |       |             |
| ( 397309.1, | 3824418.9, | 857.3,  | 1439.5, | 0.0); | ( 397284.6, |
| 3824419.6,  | 857.2,     | 1439.5, | 0.0);   |       |             |
| ( 397260.0, | 3824420.3, | 857.2,  | 1439.5, | 0.0); | ( 397235.4, |
| 3824421.0,  | 857.3,     | 1439.5, | 0.0);   |       |             |
| ( 397210.8, | 3824421.7, | 857.8,  | 1439.5, | 0.0); | ( 397186.2, |
| 3824422.4,  | 859.4,     | 1439.5, | 0.0);   |       |             |
| ( 397161.6, | 3824423.1, | 860.5,  | 1439.5, | 0.0); | ( 397137.1, |
| 3824423.8,  | 861.6,     | 1439.5, | 0.0);   |       |             |
| ( 397112.5, | 3824424.5, | 862.9,  | 1439.5, | 0.0); | ( 397087.9, |
| 3824425.2,  | 863.9,     | 1439.5, | 0.0);   |       |             |
| ( 397063.3, | 3824426.0, | 864.6,  | 1439.5, | 0.0); | ( 397038.7, |



```

3824426.7, 865.2, 1439.5, 0.0);
(397014.1, 3824427.4, 865.8, 1439.5, 0.0); (396989.5,
3824428.1, 866.2, 1439.5, 0.0);
(396965.0, 3824428.8, 866.6, 1439.5, 0.0); (396940.4,
3824429.5, 867.1, 1439.5, 0.0);
(396915.8, 3824430.2, 867.4, 1439.5, 0.0); (396891.2,
3824430.9, 867.5, 1439.5, 0.0);
(396866.6, 3824431.6, 867.2, 1439.5, 0.0); (396842.0,
3824432.3, 866.4, 1439.5, 0.0);
(396817.5, 3824433.0, 865.4, 1439.5, 0.0); (396792.9,
3824433.7, 864.4, 1439.5, 0.0);
(396768.3, 3824434.4, 863.0, 1439.5, 0.0); (396743.7,
3824435.1, 861.2, 1439.5, 0.0);
(396719.1, 3824435.8, 859.8, 1439.5, 0.0); (396694.5,
3824436.5, 859.0, 1439.5, 0.0);
(396670.0, 3824437.2, 858.6, 1439.5, 0.0); (396645.4,
3824437.9, 858.5, 1439.5, 0.0);
(396620.8, 3824438.6, 858.5, 1439.5, 0.0); (396596.2,
3824439.3, 858.8, 1439.5, 0.0);
(396571.6, 3824440.0, 859.6, 1439.5, 0.0); (396547.0,
3824440.7, 860.5, 1439.5, 0.0);
(396522.5, 3824441.4, 860.8, 1439.5, 0.0); (396497.9,
3824442.1, 862.0, 1439.5, 0.0);
(396473.3, 3824442.8, 863.4, 1439.5, 0.0); (396448.7,
3824443.6, 863.7, 1439.5, 0.0);
(396424.1, 3824444.3, 863.5, 1439.5, 0.0); (396399.5,
3824445.0, 863.2, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 122

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396375.0, 3824445.7, 863.6, 1439.5, 0.0); (396350.4,
3824446.4, 864.6, 1439.5, 0.0);
(396325.8, 3824447.1, 865.3, 1439.5, 0.0); (396301.2,
3824447.8, 865.5, 1439.5, 0.0);
(396276.6, 3824448.5, 865.8, 1439.5, 0.0); (396252.0,
3824449.2, 865.7, 1439.5, 0.0);
(396227.5, 3824449.9, 865.5, 1439.5, 0.0); (396202.9,
3824450.6, 865.6, 1439.5, 0.0);
(396178.3, 3824451.3, 866.0, 1439.5, 0.0); (396153.7,
3824452.0, 867.8, 1439.5, 0.0);
(396129.1, 3824452.7, 870.3, 1439.5, 0.0); (396104.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824453.4,  | 871.1,     | 1439.5, | 0.0);   |       |             |
| ( 396080.0, | 3824454.1, | 870.1,  | 1439.5, | 0.0); | ( 396055.4, |
| 3824454.8,  | 868.1,     | 1439.5, | 0.0);   |       |             |
| ( 396030.8, | 3824455.5, | 867.4,  | 1439.5, | 0.0); | ( 396006.2, |
| 3824456.2,  | 867.8,     | 1439.5, | 0.0);   |       |             |
| ( 395981.6, | 3824456.9, | 868.1,  | 1439.5, | 0.0); | ( 395957.0, |
| 3824457.6,  | 868.5,     | 1439.5, | 0.0);   |       |             |
| ( 395932.5, | 3824458.3, | 869.1,  | 1439.5, | 0.0); | ( 395907.9, |
| 3824459.0,  | 869.6,     | 1439.5, | 0.0);   |       |             |
| ( 395883.3, | 3824459.8, | 869.9,  | 1439.5, | 0.0); | ( 395858.7, |
| 3824460.5,  | 870.4,     | 1439.5, | 0.0);   |       |             |
| ( 395834.1, | 3824461.2, | 871.3,  | 1439.5, | 0.0); | ( 395809.5, |
| 3824461.9,  | 871.8,     | 1439.5, | 0.0);   |       |             |
| ( 395785.0, | 3824462.6, | 872.3,  | 1439.5, | 0.0); | ( 395760.4, |
| 3824463.3,  | 873.0,     | 1439.5, | 0.0);   |       |             |
| ( 395735.8, | 3824464.0, | 873.6,  | 1439.5, | 0.0); | ( 395711.2, |
| 3824464.7,  | 874.3,     | 1439.5, | 0.0);   |       |             |
| ( 395686.6, | 3824465.4, | 874.9,  | 1439.5, | 0.0); | ( 395662.0, |
| 3824466.1,  | 875.6,     | 1439.5, | 0.0);   |       |             |
| ( 395637.5, | 3824466.8, | 876.2,  | 1439.5, | 0.0); | ( 395612.9, |
| 3824467.5,  | 876.9,     | 1439.5, | 0.0);   |       |             |
| ( 395588.3, | 3824468.2, | 877.4,  | 1439.5, | 0.0); | ( 395563.7, |
| 3824468.9,  | 877.7,     | 1439.5, | 0.0);   |       |             |
| ( 395539.1, | 3824469.6, | 878.3,  | 1439.5, | 0.0); | ( 395514.5, |
| 3824470.3,  | 879.1,     | 1439.5, | 0.0);   |       |             |
| ( 395489.9, | 3824471.0, | 879.6,  | 1439.5, | 0.0); | ( 395465.4, |
| 3824471.7,  | 880.1,     | 1439.5, | 0.0);   |       |             |
| ( 395440.8, | 3824472.4, | 880.7,  | 1525.3, | 0.0); | ( 395416.2, |
| 3824473.1,  | 881.2,     | 1525.3, | 0.0);   |       |             |
| ( 395391.6, | 3824473.8, | 881.7,  | 1526.7, | 0.0); | ( 395367.0, |
| 3824474.5,  | 882.1,     | 1582.1, | 0.0);   |       |             |
| ( 395342.4, | 3824475.2, | 882.4,  | 1583.4, | 0.0); | ( 395317.9, |
| 3824475.9,  | 882.8,     | 1584.3, | 0.0);   |       |             |
| ( 395293.3, | 3824476.6, | 883.7,  | 1585.1, | 0.0); | ( 395268.7, |
| 3824477.4,  | 884.1,     | 1586.8, | 0.0);   |       |             |
| ( 395244.1, | 3824478.1, | 884.5,  | 1586.8, | 0.0); | ( 395219.5, |
| 3824478.8,  | 885.2,     | 1586.8, | 0.0);   |       |             |
| ( 395194.9, | 3824479.5, | 885.9,  | 1586.8, | 0.0); | ( 395170.3, |
| 3824480.2,  | 886.8,     | 1586.8, | 0.0);   |       |             |
| ( 395145.8, | 3824480.9, | 887.3,  | 1586.8, | 0.0); | ( 395121.2, |
| 3824481.6,  | 888.0,     | 1586.8, | 0.0);   |       |             |
| ( 395096.6, | 3824482.3, | 888.7,  | 1586.8, | 0.0); | ( 395072.0, |
| 3824483.0,  | 889.7,     | 1586.8, | 0.0);   |       |             |
| ( 395047.4, | 3824483.7, | 890.9,  | 1586.8, | 0.0); | ( 395022.8, |
| 3824484.4,  | 892.2,     | 1586.8, | 0.0);   |       |             |
| ( 394998.3, | 3824485.1, | 893.5,  | 1586.8, | 0.0); | ( 394973.7, |
| 3824485.8,  | 894.7,     | 1586.8, | 0.0);   |       |             |
| ( 394949.1, | 3824486.5, | 895.8,  | 1586.8, | 0.0); | ( 394924.5, |
| 3824487.2,  | 897.0,     | 1586.8, | 0.0);   |       |             |
| ( 394899.9, | 3824487.9, | 898.1,  | 1586.8, | 0.0); | ( 394875.3, |

```

3824488.6, 898.7, 1586.8, 0.0);
 (394850.8, 3824489.3, 898.8, 1586.8, 0.0); (394826.2,
3824490.0, 898.9, 1586.8, 0.0);
 (394801.6, 3824490.7, 899.3, 1586.8, 0.0); (394777.0,
3824491.4, 900.1, 1586.8, 0.0);
 (394752.4, 3824492.1, 901.2, 1586.8, 0.0); (394727.8,
3824492.8, 902.4, 1586.8, 0.0);
 (394703.3, 3824493.5, 903.3, 1586.8, 0.0); (394678.7,
3824494.3, 904.1, 1586.8, 0.0);
 (394654.1, 3824495.0, 905.1, 1586.8, 0.0); (394629.5,
3824495.7, 906.0, 1586.8, 0.0);
 (394604.9, 3824496.4, 907.0, 1586.8, 0.0); (394580.3,
3824497.1, 908.2, 1586.8, 0.0);
 (394555.8, 3824497.8, 909.4, 1586.8, 0.0); (394531.2,
3824498.5, 910.9, 1586.8, 0.0);
 (394506.6, 3824499.2, 911.1, 1586.8, 0.0); (394482.0,
3824499.9, 911.0, 1586.8, 0.0);
 (394457.4, 3824500.6, 913.0, 1586.8, 0.0); (394432.8,
3824501.3, 914.1, 1586.8, 0.0);
 (394408.2, 3824502.0, 915.1, 1586.8, 0.0); (394383.7,
3824502.7, 915.8, 1586.8, 0.0);
 (394359.1, 3824503.4, 916.4, 1586.8, 0.0); (394334.5,
3824504.1, 916.9, 1586.8, 0.0);
 (394309.9, 3824504.8, 915.4, 1586.8, 0.0); (394285.3,
3824505.5, 914.6, 1586.8, 0.0);
 (394260.8, 3824506.2, 914.8, 1586.8, 0.0); (394236.2,
3824506.9, 915.3, 1586.8, 0.0);
 (394211.6, 3824507.6, 916.0, 1586.8, 0.0); (394187.0,
3824508.3, 917.6, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 123

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394162.4, 3824509.0, 919.0, 1586.8, 0.0); (394137.8,
3824509.8, 919.9, 1586.8, 0.0);
 (394113.2, 3824510.4, 920.8, 1586.8, 0.0); (394088.7,
3824511.1, 921.4, 1586.8, 0.0);
 (394064.1, 3824511.9, 921.9, 1586.8, 0.0); (394039.5,
3824512.6, 922.5, 1586.8, 0.0);
 (394014.9, 3824513.3, 923.0, 1586.8, 0.0); (393990.3,
3824514.0, 923.6, 1586.8, 0.0);
 (393965.8, 3824514.7, 924.2, 1586.8, 0.0); (393941.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824515.4,  | 924.9,     | 1586.8, | 0.0);   |       |             |
| ( 393916.6, | 3824516.1, | 925.4,  | 1586.8, | 0.0); | ( 393892.0, |
| 3824516.8,  | 925.6,     | 1586.8, | 0.0);   |       |             |
| ( 393867.4, | 3824517.5, | 925.8,  | 1586.8, | 0.0); | ( 393842.8, |
| 3824518.2,  | 926.1,     | 1586.8, | 0.0);   |       |             |
| ( 393818.2, | 3824518.9, | 926.3,  | 1586.8, | 0.0); | ( 393793.7, |
| 3824519.6,  | 926.5,     | 1586.8, | 0.0);   |       |             |
| ( 393769.1, | 3824520.3, | 926.7,  | 1586.8, | 0.0); | ( 393744.5, |
| 3824521.0,  | 927.2,     | 1586.8, | 0.0);   |       |             |
| ( 393719.9, | 3824521.7, | 927.5,  | 1587.8, | 0.0); | ( 393695.3, |
| 3824522.4,  | 925.3,     | 1587.8, | 0.0);   |       |             |
| ( 402589.6, | 3821228.0, | 929.4,  | 1540.1, | 0.0); | ( 402602.8, |
| 3821207.2,  | 931.0,     | 1540.1, | 0.0);   |       |             |
| ( 403695.7, | 3821958.8, | 876.6,  | 1540.1, | 0.0); | ( 403676.6, |
| 3821974.2,  | 876.7,     | 1540.1, | 0.0);   |       |             |
| ( 403657.5, | 3821989.7, | 875.9,  | 1540.1, | 0.0); | ( 403638.4, |
| 3822005.1,  | 874.9,     | 1540.1, | 0.0);   |       |             |
| ( 403619.3, | 3822020.5, | 873.7,  | 1540.1, | 0.0); | ( 403600.1, |
| 3822035.9,  | 872.6,     | 1540.1, | 0.0);   |       |             |
| ( 403581.0, | 3822051.4, | 872.7,  | 1540.1, | 0.0); | ( 403561.9, |
| 3822066.8,  | 874.6,     | 1540.1, | 0.0);   |       |             |
| ( 403542.8, | 3822082.2, | 874.4,  | 1540.1, | 0.0); | ( 403523.7, |
| 3822097.6,  | 873.6,     | 1539.0, | 0.0);   |       |             |
| ( 403504.6, | 3822113.1, | 873.3,  | 1539.0, | 0.0); | ( 403485.5, |
| 3822128.5,  | 873.9,     | 873.9,  | 0.0);   |       |             |
| ( 403466.4, | 3822143.9, | 875.0,  | 879.5,  | 0.0); | ( 403447.3, |
| 3822159.3,  | 876.4,     | 878.8,  | 0.0);   |       |             |
| ( 403428.2, | 3822174.8, | 878.1,  | 878.1,  | 0.0); | ( 403409.1, |
| 3822190.2,  | 878.3,     | 878.3,  | 0.0);   |       |             |
| ( 403390.0, | 3822205.6, | 878.1,  | 878.1,  | 0.0); | ( 403370.8, |
| 3822221.0,  | 877.5,     | 877.5,  | 0.0);   |       |             |
| ( 403351.7, | 3822236.5, | 876.5,  | 876.5,  | 0.0); | ( 403332.6, |
| 3822251.9,  | 875.8,     | 875.8,  | 0.0);   |       |             |
| ( 403313.5, | 3822267.3, | 875.3,  | 875.3,  | 0.0); | ( 403294.4, |
| 3822282.8,  | 874.6,     | 874.6,  | 0.0);   |       |             |
| ( 403275.3, | 3822298.2, | 873.8,  | 873.8,  | 0.0); | ( 403256.2, |
| 3822313.6,  | 873.3,     | 873.3,  | 0.0);   |       |             |
| ( 403237.1, | 3822329.0, | 872.3,  | 872.3,  | 0.0); | ( 403218.0, |
| 3822344.4,  | 871.2,     | 871.2,  | 0.0);   |       |             |
| ( 403198.9, | 3822359.9, | 870.0,  | 870.0,  | 0.0); | ( 403179.8, |
| 3822375.3,  | 868.7,     | 868.7,  | 0.0);   |       |             |
| ( 403160.7, | 3822390.7, | 867.5,  | 867.5,  | 0.0); | ( 403141.5, |
| 3822406.2,  | 866.4,     | 866.4,  | 0.0);   |       |             |
| ( 403122.4, | 3822421.6, | 865.6,  | 865.6,  | 0.0); | ( 403103.3, |
| 3822437.0,  | 865.1,     | 865.1,  | 0.0);   |       |             |
| ( 403084.2, | 3822452.4, | 864.5,  | 864.5,  | 0.0); | ( 403065.1, |
| 3822467.9,  | 863.8,     | 863.8,  | 0.0);   |       |             |
| ( 403046.0, | 3822483.3, | 862.9,  | 862.9,  | 0.0); | ( 403026.9, |
| 3822498.7,  | 862.2,     | 862.2,  | 0.0);   |       |             |
| ( 403007.8, | 3822514.1, | 861.7,  | 861.7,  | 0.0); | ( 402988.7, |

```

3822529.6, 861.4, 861.4, 0.0);
 (402969.6, 3822545.0, 861.4, 861.4, 0.0); (402950.5,
3822560.4, 861.7, 861.7, 0.0);
 (402931.4, 3822575.8, 861.1, 861.1, 0.0); (402912.2,
3822591.3, 860.4, 860.4, 0.0);
 (402893.1, 3822606.7, 859.5, 859.5, 0.0); (402874.0,
3822622.1, 858.6, 858.6, 0.0);
 (402854.9, 3822637.5, 858.0, 858.0, 0.0); (402835.8,
3822653.0, 857.7, 857.7, 0.0);
 (402816.7, 3822668.4, 857.1, 857.1, 0.0); (402797.6,
3822683.8, 856.0, 856.0, 0.0);
 (402778.5, 3822699.2, 854.5, 854.5, 0.0); (402759.4,
3822714.7, 853.5, 853.5, 0.0);
 (402740.3, 3822730.1, 852.9, 852.9, 0.0); (402721.2,
3822745.5, 852.2, 852.2, 0.0);
 (402702.1, 3822760.9, 851.7, 851.7, 0.0); (402683.0,
3822776.4, 851.4, 851.4, 0.0);
 (402663.8, 3822791.8, 851.1, 851.1, 0.0); (402644.7,
3822807.2, 850.7, 850.7, 0.0);
 (402625.6, 3822822.7, 850.8, 850.8, 0.0); (402606.5,
3822838.1, 851.2, 851.2, 0.0);
 (402587.4, 3822853.5, 850.9, 850.9, 0.0); (402568.3,
3822868.9, 850.6, 850.6, 0.0);
 (402549.2, 3822884.4, 849.8, 849.8, 0.0); (402530.1,
3822899.8, 849.2, 849.2, 0.0);
 (402511.0, 3822915.2, 849.8, 849.8, 0.0); (402491.9,
3822930.6, 850.4, 850.4, 0.0);
 (402472.8, 3822946.1, 849.9, 849.9, 0.0); (402453.6,
3822961.5, 850.2, 850.2, 0.0);
 (402434.5, 3822976.9, 851.0, 851.0, 0.0); (402415.4,
3822992.3, 851.6, 851.6, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 124

\*\*\* MODELOPTs:    RegDFAULT   CONC   ELEV   RURAL   ADJ\_U\*   BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (402396.3, 3823007.8, 850.5, 850.5, 0.0); (402377.2,
3823023.2, 848.9, 848.9, 0.0);
 (402358.1, 3823038.6, 847.6, 847.6, 0.0); (402339.0,
3823054.0, 846.4, 846.4, 0.0);
 (402319.9, 3823069.5, 846.5, 846.5, 0.0); (402300.8,
3823084.9, 846.6, 846.6, 0.0);
 (402281.7, 3823100.3, 846.1, 846.1, 0.0); (402262.6,

```

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3823115.8,  | 845.5,     | 845.5, | 0.0);  |       |             |
| ( 402243.5, | 3823131.2, | 845.4, | 845.4, | 0.0); | ( 402224.3, |
| 3823146.6,  | 845.1,     | 845.1, | 0.0);  |       |             |
| ( 402205.2, | 3823162.0, | 844.4, | 844.4, | 0.0); | ( 402186.1, |
| 3823177.5,  | 843.6,     | 843.6, | 0.0);  |       |             |
| ( 402167.0, | 3823192.9, | 843.3, | 843.3, | 0.0); | ( 402147.9, |
| 3823208.3,  | 843.7,     | 843.7, | 0.0);  |       |             |
| ( 402128.8, | 3823223.7, | 844.0, | 844.0, | 0.0); | ( 402109.7, |
| 3823239.2,  | 844.0,     | 844.0, | 0.0);  |       |             |
| ( 402090.6, | 3823254.6, | 842.8, | 844.3, | 0.0); | ( 402071.5, |
| 3823270.0,  | 840.8,     | 844.3, | 0.0);  |       |             |
| ( 402052.4, | 3823285.4, | 839.7, | 844.2, | 0.0); | ( 402033.3, |
| 3823300.9,  | 838.8,     | 838.8, | 0.0);  |       |             |
| ( 402014.2, | 3823316.3, | 837.9, | 837.9, | 0.0); | ( 401995.0, |
| 3823331.7,  | 836.9,     | 836.9, | 0.0);  |       |             |
| ( 401975.9, | 3823347.1, | 836.1, | 836.1, | 0.0); | ( 401956.8, |
| 3823362.6,  | 835.2,     | 835.2, | 0.0);  |       |             |
| ( 401937.7, | 3823378.0, | 834.3, | 834.3, | 0.0); | ( 401918.6, |
| 3823393.4,  | 833.5,     | 833.5, | 0.0);  |       |             |
| ( 401899.5, | 3823408.8, | 832.9, | 832.9, | 0.0); | ( 401880.4, |
| 3823424.3,  | 832.4,     | 832.4, | 0.0);  |       |             |
| ( 401861.3, | 3823439.7, | 831.9, | 831.9, | 0.0); | ( 401842.2, |
| 3823455.1,  | 831.7,     | 831.7, | 0.0);  |       |             |
| ( 401823.1, | 3823470.5, | 832.4, | 832.4, | 0.0); | ( 401804.0, |
| 3823486.0,  | 833.0,     | 833.0, | 0.0);  |       |             |
| ( 401784.9, | 3823501.4, | 832.9, | 832.9, | 0.0); | ( 401765.8, |
| 3823516.8,  | 832.4,     | 832.4, | 0.0);  |       |             |
| ( 401746.6, | 3823532.2, | 832.3, | 832.3, | 0.0); | ( 401727.5, |
| 3823547.7,  | 832.3,     | 832.3, | 0.0);  |       |             |
| ( 401708.4, | 3823563.1, | 831.9, | 831.9, | 0.0); | ( 401689.3, |
| 3823578.5,  | 831.2,     | 831.2, | 0.0);  |       |             |
| ( 401670.2, | 3823594.0, | 831.3, | 831.3, | 0.0); | ( 401651.1, |
| 3823609.4,  | 831.2,     | 831.2, | 0.0);  |       |             |
| ( 401632.0, | 3823624.8, | 831.1, | 831.1, | 0.0); | ( 401612.9, |
| 3823640.2,  | 831.1,     | 831.1, | 0.0);  |       |             |
| ( 401593.8, | 3823655.7, | 831.2, | 831.2, | 0.0); | ( 401574.7, |
| 3823671.1,  | 831.4,     | 831.4, | 0.0);  |       |             |
| ( 401555.6, | 3823686.5, | 831.4, | 831.4, | 0.0); | ( 401536.5, |
| 3823701.9,  | 831.6,     | 831.6, | 0.0);  |       |             |
| ( 401517.3, | 3823717.4, | 831.6, | 831.6, | 0.0); | ( 401498.2, |
| 3823732.8,  | 831.5,     | 831.5, | 0.0);  |       |             |
| ( 401479.1, | 3823748.2, | 831.4, | 831.4, | 0.0); | ( 401460.0, |
| 3823763.6,  | 831.0,     | 831.0, | 0.0);  |       |             |
| ( 401440.9, | 3823779.1, | 830.5, | 830.5, | 0.0); | ( 401421.8, |
| 3823794.5,  | 829.8,     | 829.8, | 0.0);  |       |             |
| ( 401402.7, | 3823809.9, | 829.1, | 829.1, | 0.0); | ( 401383.6, |
| 3823825.3,  | 828.0,     | 831.4, | 0.0);  |       |             |
| ( 401364.5, | 3823840.8, | 827.4, | 831.4, | 0.0); | ( 401345.4, |
| 3823856.2,  | 826.8,     | 832.2, | 0.0);  |       |             |
| ( 401326.3, | 3823871.6, | 825.9, | 830.2, | 0.0); | ( 401307.1, |

```

3823887.0, 825.7, 825.7, 0.0);
 (401288.0, 3823902.5, 825.1, 825.1, 0.0); (401268.9,
3823917.9, 825.2, 825.2, 0.0);
 (401249.8, 3823933.3, 825.3, 825.3, 0.0); (401230.7,
3823948.8, 825.6, 825.6, 0.0);
 (401211.6, 3823964.2, 825.1, 825.1, 0.0); (401192.5,
3823979.6, 825.0, 825.0, 0.0);
 (401173.4, 3823995.0, 825.2, 825.2, 0.0); (401154.3,
3824010.5, 825.7, 825.7, 0.0);
 (401135.2, 3824025.9, 825.9, 825.9, 0.0); (401116.1,
3824041.3, 825.8, 825.8, 0.0);
 (401097.0, 3824056.7, 826.0, 826.0, 0.0); (401077.9,
3824072.2, 826.3, 826.3, 0.0);
 (401058.8, 3824087.6, 826.5, 826.5, 0.0); (401039.6,
3824103.0, 826.2, 826.2, 0.0);
 (401020.5, 3824118.4, 825.9, 825.9, 0.0); (401001.4,
3824133.9, 825.5, 825.5, 0.0);
 (400982.3, 3824149.3, 824.5, 824.5, 0.0); (400963.2,
3824164.7, 824.3, 824.3, 0.0);
 (400944.1, 3824180.1, 824.5, 824.5, 0.0); (400925.0,
3824195.6, 824.3, 824.3, 0.0);
 (400905.9, 3824211.0, 824.1, 824.1, 0.0); (400886.8,
3824226.4, 824.3, 824.3, 0.0);
 (400867.7, 3824241.8, 824.5, 824.5, 0.0); (400848.6,
3824257.3, 824.3, 824.3, 0.0);
 (400829.5, 3824272.7, 824.4, 824.4, 0.0); (400810.3,
3824288.1, 824.7, 824.7, 0.0);
 (400791.2, 3824303.5, 824.8, 824.8, 0.0); (400772.1,
3824319.0, 824.7, 824.7, 0.0);
 (400753.0, 3824334.4, 824.8, 824.8, 0.0); (400733.9,
3824349.8, 824.4, 824.4, 0.0);
 (400714.8, 3824365.3, 824.1, 824.1, 0.0); (400695.7,
3824380.7, 823.6, 823.6, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

```

*** 17:54:19

```

PAGE 125

```

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (400676.6, 3824396.1, 823.0, 823.0, 0.0); (400657.5,
3824411.5, 822.4, 822.4, 0.0);
 (400638.4, 3824427.0, 820.8, 820.8, 0.0); (400619.3,
3824442.4, 820.4, 820.4, 0.0);
 (400600.1, 3824457.8, 822.1, 822.1, 0.0); (400581.0,

```

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3824473.2,  | 822.4,     | 822.4, | 0.0);  |       |             |
| ( 400561.9, | 3824488.7, | 822.5, | 822.5, | 0.0); | ( 400542.8, |
| 3824504.1,  | 822.4,     | 822.4, | 0.0);  |       |             |
| ( 400523.7, | 3824519.5, | 822.3, | 822.3, | 0.0); | ( 400504.6, |
| 3824534.9,  | 821.8,     | 821.8, | 0.0);  |       |             |
| ( 400485.5, | 3824550.4, | 821.4, | 821.4, | 0.0); | ( 400466.4, |
| 3824565.8,  | 821.2,     | 821.2, | 0.0);  |       |             |
| ( 400447.3, | 3824581.2, | 821.0, | 821.0, | 0.0); | ( 400428.2, |
| 3824596.6,  | 820.9,     | 820.9, | 0.0);  |       |             |
| ( 400409.1, | 3824612.1, | 820.6, | 820.6, | 0.0); | ( 400390.0, |
| 3824627.5,  | 820.4,     | 820.4, | 0.0);  |       |             |
| ( 400370.8, | 3824642.9, | 820.5, | 820.5, | 0.0); | ( 400351.7, |
| 3824658.3,  | 820.7,     | 820.7, | 0.0);  |       |             |
| ( 400332.6, | 3824673.8, | 820.6, | 820.6, | 0.0); | ( 400313.5, |
| 3824689.2,  | 820.7,     | 820.7, | 0.0);  |       |             |
| ( 400294.4, | 3824704.6, | 820.7, | 820.7, | 0.0); | ( 400275.3, |
| 3824720.0,  | 820.7,     | 820.7, | 0.0);  |       |             |
| ( 400256.2, | 3824735.5, | 820.8, | 820.8, | 0.0); | ( 400237.1, |
| 3824750.9,  | 820.5,     | 820.5, | 0.0);  |       |             |
| ( 400218.0, | 3824766.3, | 819.9, | 819.9, | 0.0); | ( 400198.9, |
| 3824781.8,  | 819.8,     | 819.8, | 0.0);  |       |             |
| ( 400179.8, | 3824797.2, | 820.0, | 820.0, | 0.0); | ( 400160.7, |
| 3824812.6,  | 820.1,     | 820.1, | 0.0);  |       |             |
| ( 400141.5, | 3824828.0, | 820.2, | 820.2, | 0.0); | ( 400122.4, |
| 3824843.5,  | 820.5,     | 820.5, | 0.0);  |       |             |
| ( 400103.3, | 3824858.9, | 820.8, | 820.8, | 0.0); | ( 400084.2, |
| 3824874.3,  | 820.8,     | 820.8, | 0.0);  |       |             |
| ( 400065.1, | 3824889.7, | 820.6, | 820.6, | 0.0); | ( 400046.0, |
| 3824905.2,  | 820.6,     | 820.6, | 0.0);  |       |             |
| ( 400026.9, | 3824920.6, | 820.3, | 820.3, | 0.0); | ( 400007.8, |
| 3824936.0,  | 820.0,     | 820.0, | 0.0);  |       |             |
| ( 399988.7, | 3824951.4, | 819.7, | 819.7, | 0.0); | ( 399969.6, |
| 3824966.9,  | 819.2,     | 819.2, | 0.0);  |       |             |
| ( 399950.5, | 3824982.3, | 818.8, | 818.8, | 0.0); | ( 399931.4, |
| 3824997.7,  | 818.6,     | 818.6, | 0.0);  |       |             |
| ( 399912.2, | 3825013.1, | 818.5, | 818.5, | 0.0); | ( 399893.1, |
| 3825028.6,  | 818.2,     | 818.2, | 0.0);  |       |             |
| ( 399874.0, | 3825044.0, | 817.5, | 817.5, | 0.0); | ( 399854.9, |
| 3825059.4,  | 817.1,     | 817.1, | 0.0);  |       |             |
| ( 399835.8, | 3825074.8, | 817.0, | 817.0, | 0.0); | ( 399816.7, |
| 3825090.3,  | 816.8,     | 816.8, | 0.0);  |       |             |
| ( 399797.6, | 3825105.7, | 816.3, | 816.3, | 0.0); | ( 399778.5, |
| 3825121.1,  | 816.0,     | 816.0, | 0.0);  |       |             |
| ( 399759.4, | 3825136.6, | 815.9, | 815.9, | 0.0); | ( 399740.3, |
| 3825152.0,  | 816.1,     | 816.1, | 0.0);  |       |             |
| ( 399721.2, | 3825167.4, | 815.9, | 815.9, | 0.0); | ( 399702.1, |
| 3825182.8,  | 815.6,     | 815.6, | 0.0);  |       |             |
| ( 399683.0, | 3825198.3, | 815.5, | 815.5, | 0.0); | ( 399663.8, |
| 3825213.7,  | 815.8,     | 815.8, | 0.0);  |       |             |
| ( 399644.7, | 3825229.1, | 815.9, | 815.9, | 0.0); | ( 399625.6, |



```

3825244.5, 816.0, 816.0, 0.0);
 (399606.5, 3825260.0, 815.9, 815.9, 0.0); (399587.4,
3825275.4, 815.3, 815.3, 0.0);
 (399568.3, 3825290.8, 815.2, 815.2, 0.0); (399549.2,
3825306.2, 815.0, 815.0, 0.0);
 (399530.1, 3825321.7, 814.6, 814.6, 0.0); (399511.0,
3825337.1, 814.2, 814.2, 0.0);
 (399491.9, 3825352.5, 814.4, 814.4, 0.0); (399472.8,
3825367.9, 814.3, 814.3, 0.0);
 (399453.6, 3825383.4, 813.9, 813.9, 0.0); (399434.5,
3825398.8, 813.4, 813.4, 0.0);
 (399415.4, 3825414.2, 813.1, 813.1, 0.0); (399396.3,
3825429.6, 812.8, 812.8, 0.0);
 (399377.2, 3825445.1, 812.6, 812.6, 0.0); (399358.1,
3825460.5, 812.3, 812.3, 0.0);
 (399339.0, 3825475.9, 811.8, 811.8, 0.0); (399319.9,
3825491.3, 811.6, 811.6, 0.0);
 (399300.8, 3825506.8, 811.1, 811.1, 0.0); (399281.7,
3825522.2, 810.2, 810.2, 0.0);
 (399262.6, 3825537.6, 809.6, 809.6, 0.0); (399243.5,
3825553.1, 809.7, 809.7, 0.0);
 (399224.3, 3825568.5, 809.6, 809.6, 0.0); (399205.2,
3825583.9, 809.2, 809.2, 0.0);
 (399186.1, 3825599.3, 808.7, 808.7, 0.0); (399167.0,
3825614.8, 808.9, 808.9, 0.0);
 (399123.4, 3825630.9, 809.4, 809.4, 0.0); (399098.8,
3825631.6, 810.2, 810.2, 0.0);
 (399074.3, 3825632.3, 810.6, 810.6, 0.0); (399049.7,
3825633.0, 810.8, 810.8, 0.0);
 (399025.2, 3825633.7, 811.0, 811.0, 0.0); (399000.6,
3825634.4, 811.2, 811.2, 0.0);
 (398976.1, 3825635.1, 810.6, 810.6, 0.0); (398951.5,
3825635.8, 809.8, 809.8, 0.0);
 (398927.0, 3825636.5, 809.8, 809.8, 0.0); (398902.4,
3825637.2, 810.1, 810.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 126

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (398877.9, 3825637.9, 810.7, 810.7, 0.0); (398853.3,
3825638.6, 810.7, 810.7, 0.0);
 (398828.8, 3825639.3, 810.4, 810.4, 0.0); (398804.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825640.0,  | 809.8,     | 809.8,  | 0.0);   |       |             |
| ( 398779.7, | 3825640.7, | 809.5,  | 809.5,  | 0.0); | ( 398755.1, |
| 3825641.4,  | 810.0,     | 810.0,  | 0.0);   |       |             |
| ( 398730.6, | 3825642.1, | 810.2,  | 810.2,  | 0.0); | ( 398706.1, |
| 3825642.8,  | 809.8,     | 809.8,  | 0.0);   |       |             |
| ( 398681.5, | 3825643.5, | 809.7,  | 809.7,  | 0.0); | ( 398657.0, |
| 3825644.2,  | 810.2,     | 810.2,  | 0.0);   |       |             |
| ( 398632.4, | 3825644.9, | 811.0,  | 811.0,  | 0.0); | ( 398607.9, |
| 3825645.7,  | 811.5,     | 811.5,  | 0.0);   |       |             |
| ( 398583.3, | 3825646.4, | 811.9,  | 811.9,  | 0.0); | ( 398558.8, |
| 3825647.1,  | 812.3,     | 812.3,  | 0.0);   |       |             |
| ( 398534.2, | 3825647.8, | 812.6,  | 1379.2, | 0.0); | ( 398509.7, |
| 3825648.5,  | 812.7,     | 1379.3, | 0.0);   |       |             |
| ( 398485.1, | 3825649.2, | 812.9,  | 1379.3, | 0.0); | ( 398460.6, |
| 3825649.9,  | 813.2,     | 1379.4, | 0.0);   |       |             |
| ( 398436.0, | 3825650.6, | 813.7,  | 1379.4, | 0.0); | ( 398411.5, |
| 3825651.3,  | 814.3,     | 1379.4, | 0.0);   |       |             |
| ( 398386.9, | 3825652.0, | 815.0,  | 1379.4, | 0.0); | ( 398362.4, |
| 3825652.7,  | 815.7,     | 1379.4, | 0.0);   |       |             |
| ( 398337.8, | 3825653.4, | 816.3,  | 1379.4, | 0.0); | ( 398313.3, |
| 3825654.1,  | 816.4,     | 1379.4, | 0.0);   |       |             |
| ( 398288.8, | 3825654.8, | 816.3,  | 1379.4, | 0.0); | ( 398264.2, |
| 3825655.5,  | 816.1,     | 1379.4, | 0.0);   |       |             |
| ( 398239.6, | 3825656.2, | 816.1,  | 1379.4, | 0.0); | ( 398215.1, |
| 3825656.9,  | 816.1,     | 1379.4, | 0.0);   |       |             |
| ( 398190.6, | 3825657.6, | 816.2,  | 1379.4, | 0.0); | ( 398166.0, |
| 3825658.3,  | 816.3,     | 1379.4, | 0.0);   |       |             |
| ( 398141.5, | 3825659.0, | 816.5,  | 1379.4, | 0.0); | ( 398116.9, |
| 3825659.7,  | 816.8,     | 1379.4, | 0.0);   |       |             |
| ( 398092.4, | 3825660.4, | 817.0,  | 1379.4, | 0.0); | ( 398067.8, |
| 3825661.1,  | 817.2,     | 1379.4, | 0.0);   |       |             |
| ( 398043.3, | 3825661.8, | 817.4,  | 1379.4, | 0.0); | ( 398018.7, |
| 3825662.5,  | 817.8,     | 1379.4, | 0.0);   |       |             |
| ( 397994.2, | 3825663.2, | 818.2,  | 1379.4, | 0.0); | ( 397969.6, |
| 3825663.9,  | 818.6,     | 1379.4, | 0.0);   |       |             |
| ( 397945.1, | 3825664.6, | 818.9,  | 1379.4, | 0.0); | ( 397920.5, |
| 3825665.3,  | 819.3,     | 1379.4, | 0.0);   |       |             |
| ( 397896.0, | 3825666.0, | 819.5,  | 1379.4, | 0.0); | ( 397871.4, |
| 3825666.8,  | 819.6,     | 1379.4, | 0.0);   |       |             |
| ( 397846.9, | 3825667.4, | 819.4,  | 1379.4, | 0.0); | ( 397822.3, |
| 3825668.1,  | 819.6,     | 1379.4, | 0.0);   |       |             |
| ( 397797.8, | 3825668.9, | 820.3,  | 1379.4, | 0.0); | ( 397773.2, |
| 3825669.6,  | 820.1,     | 1379.4, | 0.0);   |       |             |
| ( 397748.7, | 3825670.3, | 817.9,  | 1379.4, | 0.0); | ( 397724.1, |
| 3825671.0,  | 816.6,     | 1379.4, | 0.0);   |       |             |
| ( 397699.6, | 3825671.7, | 819.8,  | 1379.4, | 0.0); | ( 397675.0, |
| 3825672.4,  | 821.1,     | 1379.4, | 0.0);   |       |             |
| ( 397650.5, | 3825673.1, | 821.6,  | 1379.4, | 0.0); | ( 397626.0, |
| 3825673.8,  | 821.5,     | 1379.4, | 0.0);   |       |             |
| ( 397601.4, | 3825674.5, | 821.3,  | 1379.4, | 0.0); | ( 397576.9, |

3825675.2, 821.5, 1379.4, 0.0);  
 ( 397552.3, 3825675.9, 822.3, 1379.4, 0.0); ( 397527.8,  
 3825676.6, 822.7, 1379.4, 0.0);  
 ( 397503.2, 3825677.3, 822.9, 1395.9, 0.0); ( 397478.7,  
 3825678.0, 823.0, 1398.2, 0.0);  
 ( 397454.1, 3825678.7, 823.2, 1400.2, 0.0); ( 397429.6,  
 3825679.4, 824.1, 1400.2, 0.0);  
 ( 397405.0, 3825680.1, 824.5, 1400.2, 0.0); ( 397380.5,  
 3825680.8, 824.5, 1400.8, 0.0);  
 ( 397355.9, 3825681.5, 824.5, 1400.8, 0.0); ( 397331.4,  
 3825682.2, 824.6, 1400.8, 0.0);  
 ( 397306.8, 3825682.9, 824.6, 1400.8, 0.0); ( 397282.3,  
 3825683.6, 824.7, 1401.1, 0.0);  
 ( 397257.7, 3825684.3, 825.0, 1401.1, 0.0); ( 397233.2,  
 3825685.0, 825.3, 1403.9, 0.0);  
 ( 397208.6, 3825685.7, 825.7, 1403.9, 0.0); ( 397184.1,  
 3825686.4, 826.6, 1438.6, 0.0);  
 ( 397159.5, 3825687.1, 827.5, 1438.6, 0.0); ( 397135.0,  
 3825687.8, 828.1, 1439.5, 0.0);  
 ( 397110.5, 3825688.5, 828.4, 1439.5, 0.0); ( 397085.9,  
 3825689.2, 828.5, 1439.5, 0.0);  
 ( 397061.4, 3825689.9, 828.8, 1439.5, 0.0); ( 397036.8,  
 3825690.6, 829.2, 1439.5, 0.0);  
 ( 397012.3, 3825691.4, 829.7, 1439.5, 0.0); ( 396987.7,  
 3825692.1, 830.2, 1439.5, 0.0);  
 ( 396963.2, 3825692.8, 830.6, 1439.5, 0.0); ( 396938.6,  
 3825693.5, 831.1, 1439.5, 0.0);  
 ( 396914.1, 3825694.2, 831.2, 1439.5, 0.0); ( 396889.5,  
 3825694.9, 831.0, 1439.5, 0.0);  
 ( 396865.0, 3825695.6, 831.5, 1439.5, 0.0); ( 396840.4,  
 3825696.3, 832.0, 1439.5, 0.0);  
 ( 396815.9, 3825697.0, 832.4, 1439.5, 0.0); ( 396791.3,  
 3825697.7, 833.0, 1439.5, 0.0);  
 ( 396766.8, 3825698.4, 834.0, 1439.5, 0.0); ( 396742.2,  
 3825699.1, 834.7, 1439.5, 0.0);  
 ( 396717.7, 3825699.8, 834.9, 1439.5, 0.0); ( 396693.1,  
 3825700.5, 835.1, 1439.5, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 127

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 396668.6, 3825701.2, 835.4, 1439.5, 0.0); ( 396644.0,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825701.9,  | 835.5,     | 1439.5, | 0.0);   |       |             |
| ( 396619.5, | 3825702.6, | 835.6,  | 1439.5, | 0.0); | ( 396595.0, |
| 3825703.3,  | 835.7,     | 1439.5, | 0.0);   |       |             |
| ( 396570.4, | 3825704.0, | 835.7,  | 1439.5, | 0.0); | ( 396545.8, |
| 3825704.7,  | 835.9,     | 1439.5, | 0.0);   |       |             |
| ( 396521.3, | 3825705.4, | 836.4,  | 1439.5, | 0.0); | ( 396496.8, |
| 3825706.1,  | 837.1,     | 1439.5, | 0.0);   |       |             |
| ( 396472.2, | 3825706.8, | 837.2,  | 1439.5, | 0.0); | ( 396447.7, |
| 3825707.5,  | 837.0,     | 1439.5, | 0.0);   |       |             |
| ( 396423.1, | 3825708.2, | 837.3,  | 1439.5, | 0.0); | ( 396398.6, |
| 3825708.9,  | 837.9,     | 1439.5, | 0.0);   |       |             |
| ( 396374.0, | 3825709.6, | 838.9,  | 1439.5, | 0.0); | ( 396349.5, |
| 3825710.3,  | 839.7,     | 1439.5, | 0.0);   |       |             |
| ( 396324.9, | 3825711.0, | 840.1,  | 1439.5, | 0.0); | ( 396300.4, |
| 3825711.8,  | 840.4,     | 1439.5, | 0.0);   |       |             |
| ( 396275.8, | 3825712.4, | 840.7,  | 1439.5, | 0.0); | ( 396251.3, |
| 3825713.1,  | 841.0,     | 1439.5, | 0.0);   |       |             |
| ( 396226.7, | 3825713.8, | 841.1,  | 1439.5, | 0.0); | ( 396202.2, |
| 3825714.6,  | 841.1,     | 1439.5, | 0.0);   |       |             |
| ( 396177.6, | 3825715.3, | 841.9,  | 1439.5, | 0.0); | ( 396153.1, |
| 3825716.0,  | 842.3,     | 1439.5, | 0.0);   |       |             |
| ( 396128.5, | 3825716.7, | 842.0,  | 1439.5, | 0.0); | ( 396104.0, |
| 3825717.4,  | 842.8,     | 1439.5, | 0.0);   |       |             |
| ( 396079.5, | 3825718.1, | 844.3,  | 1439.5, | 0.0); | ( 396054.9, |
| 3825718.8,  | 849.0,     | 1439.5, | 0.0);   |       |             |
| ( 396030.3, | 3825719.5, | 853.1,  | 1439.5, | 0.0); | ( 396005.8, |
| 3825720.2,  | 852.4,     | 1439.5, | 0.0);   |       |             |
| ( 395981.3, | 3825720.9, | 846.8,  | 1439.5, | 0.0); | ( 395956.7, |
| 3825721.6,  | 843.6,     | 1439.5, | 0.0);   |       |             |
| ( 395932.2, | 3825722.3, | 842.5,  | 1439.5, | 0.0); | ( 395907.6, |
| 3825723.0,  | 841.8,     | 1439.5, | 0.0);   |       |             |
| ( 395883.1, | 3825723.7, | 841.5,  | 1439.5, | 0.0); | ( 395858.5, |
| 3825724.4,  | 841.3,     | 1439.5, | 0.0);   |       |             |
| ( 395834.0, | 3825725.1, | 842.0,  | 1439.5, | 0.0); | ( 395809.4, |
| 3825725.8,  | 843.5,     | 1439.5, | 0.0);   |       |             |
| ( 395784.9, | 3825726.5, | 844.1,  | 1439.5, | 0.0); | ( 395760.3, |
| 3825727.2,  | 844.3,     | 1439.5, | 0.0);   |       |             |
| ( 395735.8, | 3825727.9, | 844.5,  | 1439.5, | 0.0); | ( 395711.2, |
| 3825728.6,  | 844.8,     | 1439.5, | 0.0);   |       |             |
| ( 395686.7, | 3825729.3, | 845.0,  | 1439.5, | 0.0); | ( 395662.1, |
| 3825730.0,  | 845.3,     | 1439.5, | 0.0);   |       |             |
| ( 395637.6, | 3825730.7, | 845.5,  | 1439.5, | 0.0); | ( 395613.0, |
| 3825731.4,  | 846.3,     | 1439.5, | 0.0);   |       |             |
| ( 395588.5, | 3825732.1, | 849.4,  | 1439.5, | 0.0); | ( 395563.9, |
| 3825732.8,  | 853.0,     | 1439.5, | 0.0);   |       |             |
| ( 395539.4, | 3825733.5, | 853.6,  | 1439.5, | 0.0); | ( 395514.8, |
| 3825734.2,  | 854.6,     | 1439.5, | 0.0);   |       |             |
| ( 395490.3, | 3825734.9, | 856.4,  | 1439.5, | 0.0); | ( 395465.8, |
| 3825735.6,  | 857.3,     | 1439.5, | 0.0);   |       |             |
| ( 395441.2, | 3825736.3, | 859.9,  | 1439.5, | 0.0); | ( 395416.7, |

```

3825737.1, 861.3, 1439.5, 0.0);
(395392.1, 3825737.8, 865.2, 1439.5, 0.0); (395367.6,
3825738.5, 869.6, 1439.5, 0.0);
(395343.0, 3825739.2, 871.0, 1439.5, 0.0); (395318.5,
3825739.9, 870.5, 1439.5, 0.0);
(395293.9, 3825740.6, 868.1, 1439.5, 0.0); (395269.4,
3825741.3, 865.9, 1439.5, 0.0);
(395244.8, 3825742.0, 864.0, 1583.4, 0.0); (395220.3,
3825742.7, 862.7, 1585.0, 0.0);
(395195.7, 3825743.4, 862.4, 1586.8, 0.0); (395171.2,
3825744.1, 862.2, 1586.8, 0.0);
(395146.6, 3825744.8, 861.3, 1586.8, 0.0); (395122.1,
3825745.5, 860.6, 1586.8, 0.0);
(395097.5, 3825746.2, 860.5, 1586.8, 0.0); (395073.0,
3825746.9, 860.9, 1586.8, 0.0);
(395048.4, 3825747.6, 861.8, 1586.8, 0.0); (395023.9,
3825748.3, 863.2, 1586.8, 0.0);
(394999.3, 3825749.0, 865.0, 1586.8, 0.0); (394974.8,
3825749.7, 866.9, 1586.8, 0.0);
(394950.2, 3825750.4, 868.6, 1586.8, 0.0); (394925.7,
3825751.1, 869.9, 1586.8, 0.0);
(394901.1, 3825751.8, 870.5, 1586.8, 0.0); (394876.6,
3825752.5, 870.9, 1586.8, 0.0);
(394852.1, 3825753.2, 871.9, 1586.8, 0.0); (394827.5,
3825753.9, 873.3, 1586.8, 0.0);
(394803.0, 3825754.6, 875.6, 1586.8, 0.0); (394778.4,
3825755.3, 877.6, 1586.8, 0.0);
(394753.9, 3825756.0, 875.2, 1586.8, 0.0); (394729.3,
3825756.7, 876.7, 1586.8, 0.0);
(394704.8, 3825757.4, 881.4, 1586.8, 0.0); (394680.2,
3825758.1, 883.5, 1586.8, 0.0);
(394655.7, 3825758.8, 884.3, 1586.8, 0.0); (394631.1,
3825759.5, 884.7, 1586.8, 0.0);
(394606.6, 3825760.3, 884.8, 1586.8, 0.0); (394582.0,
3825761.0, 884.8, 1586.8, 0.0);
(394557.5, 3825761.7, 884.9, 1586.8, 0.0); (394532.9,
3825762.4, 885.2, 1586.8, 0.0);
(394508.4, 3825763.1, 885.8, 1586.8, 0.0); (394483.8,
3825763.8, 886.7, 1586.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 128

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                       |       |             |
|---------------------------------------|-------|-------------|
| ( 394459.3, 3825764.5, 887.9, 1586.8, | 0.0); | ( 394434.8, |
| 3825765.2, 889.4, 1586.8, 0.0);       |       |             |
| ( 394410.2, 3825765.9, 891.9, 1586.8, | 0.0); | ( 394385.6, |
| 3825766.6, 895.7, 1586.8, 0.0);       |       |             |
| ( 394361.1, 3825767.3, 899.5, 1586.8, | 0.0); | ( 394336.6, |
| 3825768.0, 902.7, 1586.8, 0.0);       |       |             |
| ( 394312.0, 3825768.7, 905.1, 1586.8, | 0.0); | ( 394287.5, |
| 3825769.4, 906.8, 1586.8, 0.0);       |       |             |
| ( 394262.9, 3825770.1, 907.3, 1586.8, | 0.0); | ( 394238.4, |
| 3825770.8, 906.9, 1586.8, 0.0);       |       |             |
| ( 394213.8, 3825771.5, 906.2, 1586.8, | 0.0); | ( 394189.3, |
| 3825772.2, 905.4, 1586.8, 0.0);       |       |             |
| ( 394164.7, 3825772.9, 904.5, 1586.8, | 0.0); | ( 394140.2, |
| 3825773.6, 903.7, 1586.8, 0.0);       |       |             |
| ( 394115.6, 3825774.3, 902.5, 1586.8, | 0.0); | ( 394091.1, |
| 3825775.0, 900.9, 1586.8, 0.0);       |       |             |
| ( 394066.5, 3825775.7, 898.6, 1586.8, | 0.0); | ( 394042.0, |
| 3825776.4, 895.8, 1586.8, 0.0);       |       |             |
| ( 394017.4, 3825777.1, 893.1, 1586.8, | 0.0); | ( 393992.9, |
| 3825777.8, 890.5, 1586.8, 0.0);       |       |             |
| ( 393968.3, 3825778.5, 888.1, 1586.8, | 0.0); | ( 393943.8, |
| 3825779.2, 886.2, 1586.8, 0.0);       |       |             |
| ( 393919.2, 3825779.9, 885.0, 1586.8, | 0.0); | ( 393894.7, |
| 3825780.6, 884.5, 1586.8, 0.0);       |       |             |
| ( 393870.1, 3825781.3, 887.2, 1586.8, | 0.0); | ( 393845.6, |
| 3825782.0, 893.5, 1586.8, 0.0);       |       |             |
| ( 393821.0, 3825782.8, 898.6, 1586.8, | 0.0); | ( 393796.5, |
| 3825783.5, 899.5, 1586.8, 0.0);       |       |             |
| ( 393772.0, 3825784.2, 897.1, 1586.8, | 0.0); | ( 393747.4, |
| 3825784.9, 892.1, 1586.8, 0.0);       |       |             |
| ( 393722.9, 3825785.6, 885.9, 1587.8, | 0.0); | ( 393698.3, |
| 3825786.3, 882.1, 1587.8, 0.0);       |       |             |
| ( 393673.8, 3825787.0, 881.7, 1587.8, | 0.0); | ( 393649.2, |
| 3825787.7, 882.8, 1587.8, 0.0);       |       |             |
| ( 393624.7, 3825788.4, 882.6, 1587.8, | 0.0); | ( 393600.1, |
| 3825789.1, 881.6, 1588.1, 0.0);       |       |             |
| ( 393575.6, 3825789.8, 882.0, 1588.1, | 0.0); | ( 393551.0, |
| 3825790.5, 882.1, 1588.1, 0.0);       |       |             |
| ( 393526.5, 3825791.2, 882.1, 1588.1, | 0.0); | ( 393501.9, |
| 3825791.9, 882.0, 1588.1, 0.0);       |       |             |
| ( 393477.4, 3825792.6, 882.3, 1588.1, | 0.0); | ( 393452.8, |
| 3825793.3, 883.5, 1588.1, 0.0);       |       |             |
| ( 393428.3, 3825794.0, 885.8, 1588.1, | 0.0); | ( 393403.7, |
| 3825794.7, 889.6, 1588.1, 0.0);       |       |             |
| ( 393379.2, 3825795.4, 893.3, 1588.1, | 0.0); | ( 393354.6, |
| 3825796.1, 895.7, 1588.1, 0.0);       |       |             |
| ( 393330.1, 3825796.8, 892.7, 1589.5, | 0.0); | ( 393305.5, |
| 3825797.5, 890.3, 1590.0, 0.0);       |       |             |
| ( 403714.8, 3821943.4, 876.4, 1540.1, | 0.0); | ( 403728.0, |

```

3821922.6, 877.2, 1540.1, 0.0);
(404820.9, 3822674.2, 844.0, 844.0, 0.0); (404801.8,
3822689.6, 843.8, 843.8, 0.0);
(404782.7, 3822705.0, 843.5, 843.5, 0.0); (404763.6,
3822720.4, 843.2, 843.2, 0.0);
(404744.5, 3822735.8, 843.0, 843.0, 0.0); (404725.4,
3822751.2, 842.7, 842.7, 0.0);
(404706.3, 3822766.6, 842.4, 842.4, 0.0); (404687.2,
3822782.1, 842.0, 842.0, 0.0);
(404668.2, 3822797.5, 841.6, 841.6, 0.0); (404649.1,
3822812.9, 841.2, 841.2, 0.0);
(404630.0, 3822828.3, 840.6, 840.6, 0.0); (404610.9,
3822843.7, 840.0, 840.0, 0.0);
(404591.8, 3822859.1, 839.6, 839.6, 0.0); (404572.7,
3822874.5, 839.1, 839.1, 0.0);
(404553.6, 3822889.9, 838.8, 838.8, 0.0); (404534.5,
3822905.3, 839.1, 839.1, 0.0);
(404515.5, 3822920.8, 839.5, 839.5, 0.0); (404496.4,
3822936.2, 839.1, 839.1, 0.0);
(404477.3, 3822951.6, 838.6, 838.6, 0.0); (404458.2,
3822967.0, 838.8, 838.8, 0.0);
(404439.1, 3822982.4, 838.5, 838.5, 0.0); (404420.0,
3822997.8, 837.9, 837.9, 0.0);
(404400.9, 3823013.2, 837.4, 837.4, 0.0); (404381.8,
3823028.6, 837.1, 837.1, 0.0);
(404362.8, 3823044.0, 836.8, 836.8, 0.0); (404343.7,
3823059.4, 836.6, 836.6, 0.0);
(404324.6, 3823074.8, 835.9, 835.9, 0.0); (404305.5,
3823090.2, 835.1, 835.1, 0.0);
(404286.4, 3823105.7, 835.2, 835.2, 0.0); (404267.3,
3823121.1, 835.3, 835.3, 0.0);
(404248.2, 3823136.5, 834.7, 834.7, 0.0); (404229.1,
3823151.9, 833.6, 833.6, 0.0);
(404210.1, 3823167.3, 833.0, 833.0, 0.0); (404191.0,
3823182.7, 832.9, 832.9, 0.0);
(404171.9, 3823198.1, 832.8, 832.8, 0.0); (404152.8,
3823213.5, 832.8, 832.8, 0.0);
(404133.7, 3823228.9, 832.7, 832.7, 0.0); (404114.6,
3823244.3, 832.4, 832.4, 0.0);
(404095.5, 3823259.8, 832.4, 832.4, 0.0); (404076.5,
3823275.2, 832.3, 832.3, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 129

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                            |             |
|--------------------------------------------|-------------|
| ( 404057.4, 3823290.6, 831.7, 831.7, 0.0); | ( 404038.3, |
| 3823306.0, 831.0, 831.0, 0.0);             |             |
| ( 404019.2, 3823321.4, 830.5, 830.5, 0.0); | ( 404000.1, |
| 3823336.8, 830.2, 830.2, 0.0);             |             |
| ( 403981.0, 3823352.2, 829.9, 829.9, 0.0); | ( 403961.9, |
| 3823367.6, 829.1, 829.1, 0.0);             |             |
| ( 403942.8, 3823383.0, 828.3, 828.3, 0.0); | ( 403923.8, |
| 3823398.4, 828.0, 828.0, 0.0);             |             |
| ( 403904.7, 3823413.8, 828.1, 828.1, 0.0); | ( 403885.6, |
| 3823429.2, 827.9, 827.9, 0.0);             |             |
| ( 403866.5, 3823444.7, 827.5, 827.5, 0.0); | ( 403847.4, |
| 3823460.1, 827.1, 827.1, 0.0);             |             |
| ( 403828.3, 3823475.5, 827.0, 827.0, 0.0); | ( 403809.2, |
| 3823490.9, 826.9, 826.9, 0.0);             |             |
| ( 403790.1, 3823506.3, 826.6, 826.6, 0.0); | ( 403771.0, |
| 3823521.7, 826.3, 826.3, 0.0);             |             |
| ( 403752.0, 3823537.1, 826.1, 826.1, 0.0); | ( 403732.9, |
| 3823552.5, 826.1, 826.1, 0.0);             |             |
| ( 403713.8, 3823567.9, 825.5, 825.5, 0.0); | ( 403694.7, |
| 3823583.3, 824.2, 824.2, 0.0);             |             |
| ( 403675.6, 3823598.8, 824.7, 824.7, 0.0); | ( 403656.5, |
| 3823614.2, 825.1, 825.1, 0.0);             |             |
| ( 403637.4, 3823629.6, 825.1, 825.1, 0.0); | ( 403618.3, |
| 3823645.0, 825.4, 825.4, 0.0);             |             |
| ( 403599.3, 3823660.4, 825.3, 825.3, 0.0); | ( 403580.2, |
| 3823675.8, 825.3, 825.3, 0.0);             |             |
| ( 403561.1, 3823691.2, 825.3, 825.3, 0.0); | ( 403542.0, |
| 3823706.6, 825.0, 825.0, 0.0);             |             |
| ( 403522.9, 3823722.0, 824.5, 824.5, 0.0); | ( 403503.8, |
| 3823737.4, 823.2, 823.2, 0.0);             |             |
| ( 403484.7, 3823752.8, 822.8, 822.8, 0.0); | ( 403465.7, |
| 3823768.2, 822.7, 822.7, 0.0);             |             |
| ( 403446.6, 3823783.7, 822.5, 822.5, 0.0); | ( 403427.5, |
| 3823799.1, 822.7, 822.7, 0.0);             |             |
| ( 403408.4, 3823814.5, 822.9, 822.9, 0.0); | ( 403389.3, |
| 3823829.9, 822.6, 822.6, 0.0);             |             |
| ( 403370.2, 3823845.3, 822.1, 822.1, 0.0); | ( 403351.1, |
| 3823860.7, 821.6, 821.6, 0.0);             |             |
| ( 403332.0, 3823876.1, 821.8, 821.8, 0.0); | ( 403313.0, |
| 3823891.5, 821.9, 821.9, 0.0);             |             |
| ( 403293.9, 3823906.9, 821.8, 821.8, 0.0); | ( 403274.8, |
| 3823922.3, 821.1, 821.1, 0.0);             |             |
| ( 403255.7, 3823937.8, 821.1, 821.1, 0.0); | ( 403236.6, |
| 3823953.2, 821.2, 821.2, 0.0);             |             |
| ( 403217.5, 3823968.6, 821.2, 821.2, 0.0); | ( 403198.4, |
| 3823984.0, 820.9, 820.9, 0.0);             |             |
| ( 403179.3, 3823999.4, 820.6, 820.6, 0.0); | ( 403160.3, |



```

3824014.8, 820.3, 820.3, 0.0);
 (403141.2, 3824030.2, 820.2, 820.2, 0.0); (403122.1,
3824045.6, 820.2, 820.2, 0.0);
 (403103.0, 3824061.0, 820.1, 820.1, 0.0); (403083.9,
3824076.4, 819.9, 819.9, 0.0);
 (403064.8, 3824091.8, 819.6, 819.6, 0.0); (403045.7,
3824107.2, 819.7, 819.7, 0.0);
 (403026.6, 3824122.7, 819.5, 819.5, 0.0); (403007.6,
3824138.1, 819.6, 819.6, 0.0);
 (402988.5, 3824153.5, 819.8, 819.8, 0.0); (402969.4,
3824168.9, 819.7, 819.7, 0.0);
 (402950.3, 3824184.3, 819.5, 819.5, 0.0); (402931.2,
3824199.7, 819.3, 819.3, 0.0);
 (402912.1, 3824215.1, 819.2, 819.2, 0.0); (402893.0,
3824230.5, 819.2, 819.2, 0.0);
 (402874.0, 3824245.9, 819.0, 819.0, 0.0); (402854.9,
3824261.3, 817.9, 817.9, 0.0);
 (402835.8, 3824276.8, 816.9, 816.9, 0.0); (402816.7,
3824292.2, 816.8, 816.8, 0.0);
 (402797.6, 3824307.6, 818.0, 818.0, 0.0); (402778.5,
3824323.0, 818.2, 818.2, 0.0);
 (402759.4, 3824338.4, 818.0, 818.0, 0.0); (402740.3,
3824353.8, 818.0, 818.0, 0.0);
 (402721.2, 3824369.2, 818.0, 818.0, 0.0); (402702.2,
3824384.6, 818.1, 818.1, 0.0);
 (402683.1, 3824400.0, 818.3, 818.3, 0.0); (402664.0,
3824415.4, 818.3, 818.3, 0.0);
 (402644.9, 3824430.8, 818.3, 818.3, 0.0); (402625.8,
3824446.2, 818.3, 818.3, 0.0);
 (402606.7, 3824461.7, 818.2, 818.2, 0.0); (402587.6,
3824477.1, 817.8, 817.8, 0.0);
 (402568.5, 3824492.5, 817.5, 817.5, 0.0); (402549.5,
3824507.9, 817.0, 817.0, 0.0);
 (402530.4, 3824523.3, 816.4, 816.4, 0.0); (402511.3,
3824538.7, 815.9, 815.9, 0.0);
 (402492.2, 3824554.1, 815.8, 815.8, 0.0); (402473.1,
3824569.5, 815.7, 815.7, 0.0);
 (402454.0, 3824584.9, 815.5, 815.5, 0.0); (402434.9,
3824600.3, 815.3, 815.3, 0.0);
 (402415.8, 3824615.8, 815.3, 815.3, 0.0); (402396.8,
3824631.2, 815.3, 815.3, 0.0);
 (402377.7, 3824646.6, 815.5, 815.5, 0.0); (402358.6,
3824662.0, 815.6, 815.6, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                            |             |
|--------------------------------------------|-------------|
| ( 402339.5, 3824677.4, 815.0, 815.0, 0.0); | ( 402320.4, |
| 3824692.8, 814.4, 814.4, 0.0);             |             |
| ( 402301.3, 3824708.2, 814.0, 814.0, 0.0); | ( 402282.2, |
| 3824723.6, 814.0, 814.0, 0.0);             |             |
| ( 402263.1, 3824739.0, 814.1, 814.1, 0.0); | ( 402244.1, |
| 3824754.4, 813.8, 813.8, 0.0);             |             |
| ( 402225.0, 3824769.8, 813.3, 813.3, 0.0); | ( 402205.9, |
| 3824785.2, 812.9, 812.9, 0.0);             |             |
| ( 402186.8, 3824800.7, 813.2, 813.2, 0.0); | ( 402167.7, |
| 3824816.1, 813.6, 813.6, 0.0);             |             |
| ( 402148.6, 3824831.5, 813.8, 813.8, 0.0); | ( 402129.5, |
| 3824846.9, 813.7, 813.7, 0.0);             |             |
| ( 402110.5, 3824862.3, 813.9, 813.9, 0.0); | ( 402091.4, |
| 3824877.7, 813.2, 813.2, 0.0);             |             |
| ( 402072.3, 3824893.1, 812.6, 812.6, 0.0); | ( 402053.2, |
| 3824908.5, 812.4, 812.4, 0.0);             |             |
| ( 402034.1, 3824923.9, 812.1, 812.1, 0.0); | ( 402015.0, |
| 3824939.3, 811.8, 811.8, 0.0);             |             |
| ( 401995.9, 3824954.8, 811.6, 811.6, 0.0); | ( 401976.8, |
| 3824970.2, 811.5, 811.5, 0.0);             |             |
| ( 401957.8, 3824985.6, 811.3, 811.3, 0.0); | ( 401938.7, |
| 3825001.0, 811.1, 811.1, 0.0);             |             |
| ( 401919.6, 3825016.4, 810.9, 810.9, 0.0); | ( 401900.5, |
| 3825031.8, 810.6, 810.6, 0.0);             |             |
| ( 401881.4, 3825047.2, 810.4, 810.4, 0.0); | ( 401862.3, |
| 3825062.6, 810.1, 810.1, 0.0);             |             |
| ( 401843.2, 3825078.0, 810.0, 810.0, 0.0); | ( 401824.1, |
| 3825093.4, 810.0, 810.0, 0.0);             |             |
| ( 401805.0, 3825108.8, 809.9, 809.9, 0.0); | ( 401786.0, |
| 3825124.2, 809.6, 809.6, 0.0);             |             |
| ( 401766.9, 3825139.7, 809.4, 809.4, 0.0); | ( 401747.8, |
| 3825155.1, 809.3, 809.3, 0.0);             |             |
| ( 401728.7, 3825170.5, 809.2, 809.2, 0.0); | ( 401709.6, |
| 3825185.9, 809.0, 809.0, 0.0);             |             |
| ( 401690.5, 3825201.3, 808.7, 808.7, 0.0); | ( 401671.4, |
| 3825216.7, 808.4, 808.4, 0.0);             |             |
| ( 401652.3, 3825232.1, 808.2, 808.2, 0.0); | ( 401633.3, |
| 3825247.5, 808.0, 808.0, 0.0);             |             |
| ( 401614.2, 3825262.9, 807.8, 807.8, 0.0); | ( 401595.1, |
| 3825278.3, 807.5, 807.5, 0.0);             |             |
| ( 401576.0, 3825293.8, 807.3, 807.3, 0.0); | ( 401556.9, |
| 3825309.2, 807.1, 807.1, 0.0);             |             |
| ( 401537.8, 3825324.6, 807.0, 807.0, 0.0); | ( 401518.7, |
| 3825340.0, 807.0, 807.0, 0.0);             |             |
| ( 401499.6, 3825355.4, 807.0, 807.0, 0.0); | ( 401480.6, |

```

3825370.8, 807.1, 807.1, 0.0);
(401461.5, 3825386.2, 807.1, 807.1, 0.0); (401442.4,
3825401.6, 807.0, 807.0, 0.0);
(401423.3, 3825417.0, 806.9, 806.9, 0.0); (401404.2,
3825432.4, 806.9, 806.9, 0.0);
(401385.1, 3825447.8, 807.0, 807.0, 0.0); (401366.0,
3825463.2, 807.0, 807.0, 0.0);
(401347.0, 3825478.7, 806.9, 806.9, 0.0); (401327.9,
3825494.1, 806.4, 806.4, 0.0);
(401308.8, 3825509.5, 806.7, 806.7, 0.0); (401289.7,
3825524.9, 806.9, 806.9, 0.0);
(401270.6, 3825540.3, 806.9, 806.9, 0.0); (401251.5,
3825555.7, 807.1, 807.1, 0.0);
(401232.4, 3825571.1, 807.0, 807.0, 0.0); (401213.3,
3825586.5, 806.9, 806.9, 0.0);
(401194.2, 3825601.9, 806.8, 806.8, 0.0); (401175.2,
3825617.3, 806.6, 806.6, 0.0);
(401156.1, 3825632.8, 806.2, 806.2, 0.0); (401137.0,
3825648.2, 805.9, 805.9, 0.0);
(401117.9, 3825663.6, 805.8, 805.8, 0.0); (401098.8,
3825679.0, 806.0, 806.0, 0.0);
(401079.7, 3825694.4, 806.3, 806.3, 0.0); (401060.6,
3825709.8, 806.4, 806.4, 0.0);
(401041.6, 3825725.2, 806.4, 806.4, 0.0); (401022.5,
3825740.6, 806.5, 806.5, 0.0);
(401003.4, 3825756.0, 806.3, 806.3, 0.0); (400984.3,
3825771.4, 806.1, 806.1, 0.0);
(400965.2, 3825786.8, 805.9, 805.9, 0.0); (400946.1,
3825802.2, 805.8, 805.8, 0.0);
(400927.0, 3825817.7, 805.8, 805.8, 0.0); (400907.9,
3825833.1, 805.8, 805.8, 0.0);
(400888.9, 3825848.5, 805.7, 805.7, 0.0); (400869.8,
3825863.9, 805.7, 805.7, 0.0);
(400850.7, 3825879.3, 805.4, 805.4, 0.0); (400831.6,
3825894.7, 805.2, 805.2, 0.0);
(400812.5, 3825910.1, 805.2, 805.2, 0.0); (400793.4,
3825925.5, 805.4, 805.4, 0.0);
(400774.3, 3825940.9, 805.2, 805.2, 0.0); (400755.2,
3825956.3, 804.8, 804.8, 0.0);
(400736.2, 3825971.8, 804.5, 804.5, 0.0); (400717.1,
3825987.2, 804.7, 804.7, 0.0);
(400698.0, 3826002.6, 804.6, 804.6, 0.0); (400678.9,
3826018.0, 804.2, 804.2, 0.0);
(400659.8, 3826033.4, 803.9, 803.9, 0.0); (400640.7,
3826048.8, 803.8, 803.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                            |             |
|--------------------------------------------|-------------|
| ( 400621.6, 3826064.2, 803.8, 803.8, 0.0); | ( 400602.5, |
| 3826079.6, 803.8, 803.8, 0.0);             |             |
| ( 400583.5, 3826095.0, 803.8, 803.8, 0.0); | ( 400564.4, |
| 3826110.4, 803.8, 803.8, 0.0);             |             |
| ( 400545.3, 3826125.8, 803.9, 803.9, 0.0); | ( 400526.2, |
| 3826141.2, 803.6, 803.6, 0.0);             |             |
| ( 400507.1, 3826156.7, 803.3, 803.3, 0.0); | ( 400488.0, |
| 3826172.1, 803.1, 803.1, 0.0);             |             |
| ( 400468.9, 3826187.5, 802.9, 802.9, 0.0); | ( 400449.8, |
| 3826202.9, 802.6, 802.6, 0.0);             |             |
| ( 400430.8, 3826218.3, 802.4, 802.4, 0.0); | ( 400411.7, |
| 3826233.7, 802.0, 802.0, 0.0);             |             |
| ( 400392.6, 3826249.1, 801.8, 801.8, 0.0); | ( 400373.5, |
| 3826264.5, 801.8, 801.8, 0.0);             |             |
| ( 400354.4, 3826279.9, 801.9, 801.9, 0.0); | ( 400335.3, |
| 3826295.3, 801.9, 801.9, 0.0);             |             |
| ( 400316.2, 3826310.8, 801.7, 801.7, 0.0); | ( 400297.1, |
| 3826326.2, 801.1, 801.1, 0.0);             |             |
| ( 400278.1, 3826341.6, 800.3, 800.3, 0.0); | ( 400259.0, |
| 3826357.0, 799.6, 799.6, 0.0);             |             |
| ( 400239.9, 3826372.4, 799.1, 799.1, 0.0); | ( 400220.8, |
| 3826387.8, 799.0, 799.0, 0.0);             |             |
| ( 400201.7, 3826403.2, 799.1, 799.1, 0.0); | ( 400182.6, |
| 3826418.6, 799.2, 799.2, 0.0);             |             |
| ( 400163.5, 3826434.0, 799.3, 799.3, 0.0); | ( 400144.5, |
| 3826449.4, 799.1, 799.1, 0.0);             |             |
| ( 400125.4, 3826464.8, 799.0, 799.0, 0.0); | ( 400106.3, |
| 3826480.2, 798.9, 798.9, 0.0);             |             |
| ( 400087.2, 3826495.7, 798.7, 798.7, 0.0); | ( 400068.1, |
| 3826511.1, 798.4, 798.4, 0.0);             |             |
| ( 400049.0, 3826526.5, 798.3, 798.3, 0.0); | ( 400029.9, |
| 3826541.9, 798.3, 798.3, 0.0);             |             |
| ( 400010.8, 3826557.3, 798.1, 798.1, 0.0); | ( 399991.8, |
| 3826572.7, 797.9, 797.9, 0.0);             |             |
| ( 399972.7, 3826588.1, 797.7, 797.7, 0.0); | ( 399953.6, |
| 3826603.5, 797.6, 797.6, 0.0);             |             |
| ( 399934.5, 3826618.9, 797.5, 797.5, 0.0); | ( 399915.4, |
| 3826634.3, 797.4, 797.4, 0.0);             |             |
| ( 399896.3, 3826649.8, 797.2, 797.2, 0.0); | ( 399877.2, |
| 3826665.2, 797.0, 797.0, 0.0);             |             |
| ( 399858.1, 3826680.6, 796.7, 796.7, 0.0); | ( 399839.0, |
| 3826696.0, 796.6, 796.6, 0.0);             |             |
| ( 399820.0, 3826711.4, 796.4, 796.4, 0.0); | ( 399800.9, |



\*\*\*

17:54:19

PAGE 132

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                            |             |
|--------------------------------------------|-------------|
| ( 398678.2, 3826907.6, 802.4, 802.4, 0.0); | ( 398653.7, |
| 3826908.3, 802.4, 802.4, 0.0);             |             |
| ( 398629.2, 3826909.0, 802.4, 802.4, 0.0); | ( 398604.6, |
| 3826909.7, 802.4, 802.4, 0.0);             |             |
| ( 398580.1, 3826910.4, 802.6, 802.6, 0.0); | ( 398555.6, |
| 3826911.1, 802.9, 802.9, 0.0);             |             |
| ( 398531.1, 3826911.8, 803.2, 803.2, 0.0); | ( 398506.6, |
| 3826912.5, 803.4, 803.4, 0.0);             |             |
| ( 398482.0, 3826913.2, 803.6, 803.6, 0.0); | ( 398457.5, |
| 3826913.9, 803.9, 803.9, 0.0);             |             |
| ( 398433.0, 3826914.6, 804.0, 804.0, 0.0); | ( 398408.5, |
| 3826915.3, 804.2, 804.2, 0.0);             |             |
| ( 398384.0, 3826916.0, 804.3, 804.3, 0.0); | ( 398359.4, |
| 3826916.7, 804.4, 804.4, 0.0);             |             |
| ( 398334.9, 3826917.4, 804.4, 804.4, 0.0); | ( 398310.4, |
| 3826918.1, 804.8, 804.8, 0.0);             |             |
| ( 398285.9, 3826918.8, 805.0, 805.0, 0.0); | ( 398261.3, |
| 3826919.5, 805.1, 805.1, 0.0);             |             |
| ( 398236.8, 3826920.2, 805.3, 805.3, 0.0); | ( 398212.3, |
| 3826920.9, 805.4, 805.4, 0.0);             |             |
| ( 398187.8, 3826921.6, 805.6, 805.6, 0.0); | ( 398163.3, |
| 3826922.3, 805.8, 805.8, 0.0);             |             |
| ( 398138.7, 3826923.0, 806.1, 806.1, 0.0); | ( 398114.2, |
| 3826923.7, 806.3, 806.3, 0.0);             |             |
| ( 398089.7, 3826924.4, 806.5, 806.5, 0.0); | ( 398065.2, |
| 3826925.1, 806.7, 806.7, 0.0);             |             |
| ( 398040.7, 3826925.8, 806.9, 806.9, 0.0); | ( 398016.1, |
| 3826926.5, 807.1, 807.1, 0.0);             |             |
| ( 397991.6, 3826927.2, 807.5, 807.5, 0.0); | ( 397967.1, |
| 3826927.9, 807.7, 807.7, 0.0);             |             |
| ( 397942.6, 3826928.6, 807.9, 807.9, 0.0); | ( 397918.1, |
| 3826929.3, 808.0, 808.0, 0.0);             |             |
| ( 397893.5, 3826930.0, 808.1, 808.1, 0.0); | ( 397869.0, |
| 3826930.8, 808.3, 808.3, 0.0);             |             |
| ( 397844.5, 3826931.5, 808.5, 808.5, 0.0); | ( 397820.0, |
| 3826932.2, 808.7, 808.7, 0.0);             |             |
| ( 397795.5, 3826932.9, 808.7, 808.7, 0.0); | ( 397770.9, |
| 3826933.6, 808.9, 808.9, 0.0);             |             |
| ( 397746.4, 3826934.3, 809.1, 809.1, 0.0); | ( 397721.9, |
| 3826935.0, 809.4, 809.4, 0.0);             |             |
| ( 397697.4, 3826935.7, 809.4, 809.4, 0.0); | ( 397672.8, |

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3826936.4,  | 809.6,     | 809.6, | 0.0);  |       |             |
| ( 397648.3, | 3826937.1, | 810.0, | 810.0, | 0.0); | ( 397623.8, |
| 3826937.8,  | 810.5,     | 810.5, | 0.0);  |       |             |
| ( 397599.3, | 3826938.5, | 810.4, | 810.4, | 0.0); | ( 397574.8, |
| 3826939.2,  | 810.3,     | 810.3, | 0.0);  |       |             |
| ( 397550.2, | 3826939.9, | 810.8, | 810.8, | 0.0); | ( 397525.7, |
| 3826940.6,  | 811.2,     | 811.2, | 0.0);  |       |             |
| ( 397501.2, | 3826941.3, | 811.5, | 811.5, | 0.0); | ( 397476.7, |
| 3826942.0,  | 811.8,     | 811.8, | 0.0);  |       |             |
| ( 397452.2, | 3826942.7, | 812.0, | 812.0, | 0.0); | ( 397427.6, |
| 3826943.4,  | 812.2,     | 812.2, | 0.0);  |       |             |
| ( 397403.1, | 3826944.1, | 812.4, | 812.4, | 0.0); | ( 397378.6, |
| 3826944.8,  | 812.6,     | 812.6, | 0.0);  |       |             |
| ( 397354.1, | 3826945.5, | 812.9, | 812.9, | 0.0); | ( 397329.5, |
| 3826946.2,  | 813.1,     | 813.1, | 0.0);  |       |             |
| ( 397305.0, | 3826946.9, | 813.4, | 813.4, | 0.0); | ( 397280.5, |
| 3826947.6,  | 813.5,     | 813.5, | 0.0);  |       |             |
| ( 397256.0, | 3826948.3, | 813.4, | 813.4, | 0.0); | ( 397231.5, |
| 3826949.0,  | 813.4,     | 813.4, | 0.0);  |       |             |
| ( 397207.0, | 3826949.7, | 813.6, | 813.6, | 0.0); | ( 397182.4, |
| 3826950.4,  | 814.0,     | 814.0, | 0.0);  |       |             |
| ( 397157.9, | 3826951.1, | 814.3, | 814.3, | 0.0); | ( 397133.4, |
| 3826951.8,  | 814.5,     | 814.5, | 0.0);  |       |             |
| ( 397108.9, | 3826952.5, | 814.7, | 814.7, | 0.0); | ( 397084.3, |
| 3826953.2,  | 815.0,     | 815.0, | 0.0);  |       |             |
| ( 397059.8, | 3826953.9, | 815.4, | 815.4, | 0.0); | ( 397035.3, |
| 3826954.6,  | 815.5,     | 815.5, | 0.0);  |       |             |
| ( 397010.8, | 3826955.3, | 815.1, | 815.1, | 0.0); | ( 396986.3, |
| 3826956.0,  | 815.2,     | 815.2, | 0.0);  |       |             |
| ( 396961.7, | 3826956.7, | 815.4, | 815.4, | 0.0); | ( 396937.2, |
| 3826957.4,  | 815.5,     | 815.5, | 0.0);  |       |             |
| ( 396912.7, | 3826958.1, | 815.7, | 815.7, | 0.0); | ( 396888.2, |
| 3826958.8,  | 816.0,     | 816.0, | 0.0);  |       |             |
| ( 396863.6, | 3826959.5, | 816.3, | 816.3, | 0.0); | ( 396839.1, |
| 3826960.2,  | 816.5,     | 816.5, | 0.0);  |       |             |
| ( 396814.6, | 3826960.9, | 816.9, | 816.9, | 0.0); | ( 396790.1, |
| 3826961.7,  | 817.3,     | 817.3, | 0.0);  |       |             |
| ( 396765.6, | 3826962.4, | 817.5, | 817.5, | 0.0); | ( 396741.0, |
| 3826963.1,  | 817.6,     | 817.6, | 0.0);  |       |             |
| ( 396716.5, | 3826963.8, | 817.8, | 817.8, | 0.0); | ( 396692.0, |
| 3826964.5,  | 818.0,     | 818.0, | 0.0);  |       |             |
| ( 396667.5, | 3826965.2, | 818.2, | 818.2, | 0.0); | ( 396643.0, |
| 3826965.9,  | 818.4,     | 818.4, | 0.0);  |       |             |
| ( 396618.5, | 3826966.6, | 818.5, | 818.5, | 0.0); | ( 396593.9, |
| 3826967.3,  | 818.6,     | 818.6, | 0.0);  |       |             |
| ( 396569.4, | 3826968.0, | 818.9, | 818.9, | 0.0); | ( 396544.9, |
| 3826968.7,  | 819.4,     | 819.4, | 0.0);  |       |             |
| ( 396520.4, | 3826969.4, | 819.7, | 819.7, | 0.0); | ( 396495.8, |
| 3826970.1,  | 819.8,     | 819.8, | 0.0);  |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 133

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 396471.3, 3826970.8, 820.0, 820.0, 0.0);  | ( 396446.8, |
| 3826971.5, 820.0, 820.0, 0.0);              |             |
| ( 396422.3, 3826972.2, 819.9, 819.9, 0.0);  | ( 396397.8, |
| 3826972.9, 819.5, 819.5, 0.0);              |             |
| ( 396373.2, 3826973.6, 819.9, 819.9, 0.0);  | ( 396348.7, |
| 3826974.3, 820.2, 820.2, 0.0);              |             |
| ( 396324.2, 3826975.0, 820.2, 820.2, 0.0);  | ( 396299.7, |
| 3826975.7, 820.3, 820.3, 0.0);              |             |
| ( 396275.1, 3826976.4, 820.5, 820.5, 0.0);  | ( 396250.6, |
| 3826977.1, 820.6, 820.6, 0.0);              |             |
| ( 396226.1, 3826977.8, 820.7, 820.7, 0.0);  | ( 396201.6, |
| 3826978.5, 820.6, 820.6, 0.0);              |             |
| ( 396177.1, 3826979.2, 820.5, 820.5, 0.0);  | ( 396152.5, |
| 3826979.9, 820.5, 820.5, 0.0);              |             |
| ( 396128.0, 3826980.6, 820.6, 820.6, 0.0);  | ( 396103.5, |
| 3826981.3, 821.1, 821.1, 0.0);              |             |
| ( 396079.0, 3826982.0, 822.4, 822.4, 0.0);  | ( 396054.5, |
| 3826982.7, 823.9, 823.9, 0.0);              |             |
| ( 396029.9, 3826983.4, 825.3, 825.3, 0.0);  | ( 396005.4, |
| 3826984.1, 826.4, 826.4, 0.0);              |             |
| ( 395980.9, 3826984.8, 826.2, 826.2, 0.0);  | ( 395956.4, |
| 3826985.5, 825.5, 825.5, 0.0);              |             |
| ( 395931.9, 3826986.2, 825.0, 825.0, 0.0);  | ( 395907.3, |
| 3826986.9, 824.6, 1376.8, 0.0);             |             |
| ( 395882.8, 3826987.6, 825.1, 1376.8, 0.0); | ( 395858.3, |
| 3826988.3, 825.7, 1376.8, 0.0);             |             |
| ( 395833.8, 3826989.0, 825.9, 1376.8, 0.0); | ( 395809.2, |
| 3826989.8, 826.6, 1376.8, 0.0);             |             |
| ( 395784.7, 3826990.4, 827.1, 1376.8, 0.0); | ( 395760.2, |
| 3826991.1, 827.5, 1376.8, 0.0);             |             |
| ( 395735.7, 3826991.9, 828.0, 1376.8, 0.0); | ( 395711.2, |
| 3826992.6, 828.6, 983.8, 0.0);              |             |
| ( 395686.6, 3826993.3, 829.0, 983.8, 0.0);  | ( 395662.1, |
| 3826994.0, 829.5, 983.8, 0.0);              |             |
| ( 395637.6, 3826994.7, 830.1, 983.8, 0.0);  | ( 395613.1, |
| 3826995.4, 830.8, 983.8, 0.0);              |             |
| ( 395588.6, 3826996.1, 831.4, 983.8, 0.0);  | ( 395564.0, |
| 3826996.8, 832.3, 983.8, 0.0);              |             |
| ( 395539.5, 3826997.5, 833.3, 983.8, 0.0);  | ( 395515.0, |



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3826998.2,  | 833.7,     | 986.8,  | 0.0);   |       |             |
| ( 395490.5, | 3826998.9, | 834.5,  | 986.8,  | 0.0); | ( 395466.0, |
| 3826999.6,  | 835.3,     | 986.8,  | 0.0);   |       |             |
| ( 395441.4, | 3827000.3, | 835.6,  | 986.8,  | 0.0); | ( 395416.9, |
| 3827001.0,  | 835.9,     | 986.8,  | 0.0);   |       |             |
| ( 395392.4, | 3827001.7, | 836.9,  | 986.8,  | 0.0); | ( 395367.9, |
| 3827002.4,  | 837.8,     | 986.8,  | 0.0);   |       |             |
| ( 395343.4, | 3827003.1, | 838.2,  | 986.8,  | 0.0); | ( 395318.8, |
| 3827003.8,  | 838.8,     | 986.8,  | 0.0);   |       |             |
| ( 395294.3, | 3827004.5, | 840.1,  | 986.8,  | 0.0); | ( 395269.8, |
| 3827005.2,  | 841.0,     | 986.8,  | 0.0);   |       |             |
| ( 395245.3, | 3827005.9, | 842.1,  | 986.8,  | 0.0); | ( 395220.8, |
| 3827006.6,  | 843.2,     | 986.8,  | 0.0);   |       |             |
| ( 395196.2, | 3827007.3, | 844.1,  | 986.8,  | 0.0); | ( 395171.7, |
| 3827008.0,  | 845.0,     | 986.8,  | 0.0);   |       |             |
| ( 395147.2, | 3827008.7, | 846.2,  | 986.8,  | 0.0); | ( 395122.7, |
| 3827009.4,  | 846.3,     | 986.8,  | 0.0);   |       |             |
| ( 395098.1, | 3827010.1, | 847.6,  | 986.8,  | 0.0); | ( 395073.6, |
| 3827010.8,  | 849.0,     | 986.8,  | 0.0);   |       |             |
| ( 395049.1, | 3827011.5, | 849.9,  | 986.8,  | 0.0); | ( 395024.6, |
| 3827012.2,  | 850.6,     | 986.8,  | 0.0);   |       |             |
| ( 395000.1, | 3827012.9, | 851.1,  | 986.8,  | 0.0); | ( 394975.5, |
| 3827013.6,  | 850.8,     | 986.8,  | 0.0);   |       |             |
| ( 394951.0, | 3827014.3, | 851.0,  | 986.8,  | 0.0); | ( 394926.5, |
| 3827015.0,  | 852.3,     | 986.8,  | 0.0);   |       |             |
| ( 394902.0, | 3827015.7, | 854.4,  | 986.8,  | 0.0); | ( 394877.5, |
| 3827016.4,  | 855.4,     | 986.8,  | 0.0);   |       |             |
| ( 394852.9, | 3827017.1, | 855.9,  | 986.8,  | 0.0); | ( 394828.4, |
| 3827017.8,  | 856.9,     | 986.8,  | 0.0);   |       |             |
| ( 394803.9, | 3827018.5, | 858.6,  | 986.8,  | 0.0); | ( 394779.4, |
| 3827019.2,  | 859.6,     | 986.8,  | 0.0);   |       |             |
| ( 394754.8, | 3827019.9, | 860.1,  | 1582.1, | 0.0); | ( 394730.3, |
| 3827020.6,  | 861.5,     | 1582.1, | 0.0);   |       |             |
| ( 394705.8, | 3827021.3, | 863.2,  | 1582.1, | 0.0); | ( 394681.3, |
| 3827022.1,  | 864.9,     | 1582.4, | 0.0);   |       |             |
| ( 394656.8, | 3827022.8, | 866.6,  | 1582.4, | 0.0); | ( 394632.2, |
| 3827023.5,  | 868.8,     | 1582.4, | 0.0);   |       |             |
| ( 394607.7, | 3827024.2, | 871.4,  | 1582.1, | 0.0); | ( 394583.2, |
| 3827024.9,  | 872.9,     | 1582.4, | 0.0);   |       |             |
| ( 394558.7, | 3827025.6, | 873.9,  | 1583.4, | 0.0); | ( 394534.2, |
| 3827026.3,  | 874.9,     | 1584.3, | 0.0);   |       |             |
| ( 394509.6, | 3827027.0, | 876.6,  | 1584.3, | 0.0); | ( 394485.1, |
| 3827027.7,  | 879.1,     | 1584.3, | 0.0);   |       |             |
| ( 394460.6, | 3827028.4, | 880.2,  | 1585.0, | 0.0); | ( 394436.1, |
| 3827029.1,  | 881.3,     | 1585.0, | 0.0);   |       |             |
| ( 394411.6, | 3827029.8, | 882.8,  | 1585.1, | 0.0); | ( 394387.0, |
| 3827030.5,  | 884.9,     | 1585.1, | 0.0);   |       |             |
| ( 394362.5, | 3827031.2, | 888.0,  | 1585.0, | 0.0); | ( 394338.0, |
| 3827031.9,  | 889.8,     | 1585.0, | 0.0);   |       |             |
| ( 394313.5, | 3827032.6, | 891.2,  | 1585.1, | 0.0); | ( 394289.0, |

3827033.3, 892.4, 1586.8, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 134

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 394264.4, 3827034.0, 893.1, 1586.8, 0.0); | ( 394239.9, |
| 3827034.7, 894.0, 1586.8, 0.0);             |             |
| ( 394215.4, 3827035.4, 894.9, 1586.8, 0.0); | ( 394190.9, |
| 3827036.1, 895.6, 1586.8, 0.0);             |             |
| ( 394166.3, 3827036.8, 896.4, 1586.8, 0.0); | ( 394141.8, |
| 3827037.5, 897.3, 1586.8, 0.0);             |             |
| ( 394117.3, 3827038.2, 897.8, 1586.8, 0.0); | ( 394092.8, |
| 3827038.9, 898.2, 1586.8, 0.0);             |             |
| ( 394068.3, 3827039.6, 898.7, 1586.8, 0.0); | ( 394043.8, |
| 3827040.3, 899.2, 1586.8, 0.0);             |             |
| ( 394019.2, 3827041.0, 899.6, 1586.8, 0.0); | ( 393994.7, |
| 3827041.7, 899.9, 1586.8, 0.0);             |             |
| ( 393970.2, 3827042.4, 900.9, 1586.8, 0.0); | ( 393945.7, |
| 3827043.1, 902.8, 1586.8, 0.0);             |             |
| ( 393921.1, 3827043.8, 905.1, 1586.8, 0.0); | ( 393896.6, |
| 3827044.5, 906.2, 1586.8, 0.0);             |             |
| ( 393872.1, 3827045.2, 906.9, 1586.8, 0.0); | ( 393847.6, |
| 3827045.9, 908.5, 1586.8, 0.0);             |             |
| ( 393823.1, 3827046.6, 912.2, 1586.8, 0.0); | ( 393798.5, |
| 3827047.3, 917.9, 1586.8, 0.0);             |             |
| ( 393774.0, 3827048.0, 919.9, 1586.8, 0.0); | ( 393749.5, |
| 3827048.7, 918.8, 1586.8, 0.0);             |             |
| ( 393725.0, 3827049.4, 919.2, 1586.8, 0.0); | ( 393700.5, |
| 3827050.1, 921.5, 1586.8, 0.0);             |             |
| ( 393675.9, 3827050.8, 923.2, 1586.8, 0.0); | ( 393651.4, |
| 3827051.5, 921.9, 1586.8, 0.0);             |             |
| ( 393626.9, 3827052.3, 921.1, 1586.8, 0.0); | ( 393602.4, |
| 3827053.0, 922.0, 1586.8, 0.0);             |             |
| ( 393577.8, 3827053.7, 922.9, 1586.8, 0.0); | ( 393553.3, |
| 3827054.4, 924.9, 1586.8, 0.0);             |             |
| ( 393528.8, 3827055.1, 930.6, 1586.8, 0.0); | ( 393504.3, |
| 3827055.8, 936.2, 1586.8, 0.0);             |             |
| ( 393479.8, 3827056.5, 939.6, 1586.8, 0.0); | ( 393455.2, |
| 3827057.2, 942.9, 1586.8, 0.0);             |             |
| ( 393430.7, 3827057.9, 946.5, 1586.8, 0.0); | ( 393406.2, |
| 3827058.6, 947.2, 1586.8, 0.0);             |             |
| ( 393381.7, 3827059.3, 942.6, 1586.8, 0.0); | ( 393357.2, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3827060.0,  | 935.2,     | 1586.8, | 0.0);   |       |             |
| ( 393332.6, | 3827060.7, | 930.0,  | 1586.8, | 0.0); | ( 393308.1, |
| 3827061.4,  | 926.5,     | 1586.8, | 0.0);   |       |             |
| ( 393283.6, | 3827062.1, | 924.7,  | 1586.8, | 0.0); | ( 393259.1, |
| 3827062.8,  | 925.6,     | 1586.8, | 0.0);   |       |             |
| ( 393234.6, | 3827063.5, | 926.6,  | 1586.8, | 0.0); | ( 393210.0, |
| 3827064.2,  | 924.6,     | 1586.8, | 0.0);   |       |             |
| ( 393185.5, | 3827064.9, | 926.8,  | 1586.8, | 0.0); | ( 393161.0, |
| 3827065.6,  | 932.5,     | 1586.8, | 0.0);   |       |             |
| ( 393136.5, | 3827066.3, | 938.3,  | 1586.8, | 0.0); | ( 393112.0, |
| 3827067.0,  | 946.2,     | 1586.8, | 0.0);   |       |             |
| ( 393087.4, | 3827067.7, | 952.3,  | 1586.8, | 0.0); | ( 393062.9, |
| 3827068.4,  | 957.7,     | 1586.8, | 0.0);   |       |             |
| ( 393038.4, | 3827069.1, | 962.3,  | 1586.8, | 0.0); | ( 393013.9, |
| 3827069.8,  | 965.4,     | 1586.8, | 0.0);   |       |             |
| ( 392989.3, | 3827070.5, | 965.1,  | 1586.8, | 0.0); | ( 392964.8, |
| 3827071.2,  | 960.6,     | 1586.8, | 0.0);   |       |             |
| ( 392940.3, | 3827071.9, | 955.2,  | 1586.8, | 0.0); | ( 392915.8, |
| 3827072.6,  | 953.3,     | 1586.8, | 0.0);   |       |             |
| ( 404840.0, | 3822658.8, | 844.2,  | 844.2,  | 0.0); | ( 404853.1, |
| 3822638.0,  | 844.6,     | 844.6,  | 0.0);   |       |             |
| ( 405946.0, | 3823389.6, | 837.2,  | 837.2,  | 0.0); | ( 405926.8, |
| 3823405.1,  | 837.0,     | 837.0,  | 0.0);   |       |             |
| ( 405907.7, | 3823420.5, | 836.8,  | 836.8,  | 0.0); | ( 405888.6, |
| 3823436.0,  | 836.6,     | 836.6,  | 0.0);   |       |             |
| ( 405869.4, | 3823451.4, | 836.4,  | 836.4,  | 0.0); | ( 405850.3, |
| 3823466.9,  | 836.2,     | 836.2,  | 0.0);   |       |             |
| ( 405831.2, | 3823482.3, | 835.9,  | 835.9,  | 0.0); | ( 405812.0, |
| 3823497.8,  | 835.8,     | 835.8,  | 0.0);   |       |             |
| ( 405792.9, | 3823513.2, | 835.5,  | 835.5,  | 0.0); | ( 405773.8, |
| 3823528.7,  | 835.3,     | 835.3,  | 0.0);   |       |             |
| ( 405754.6, | 3823544.1, | 835.1,  | 835.1,  | 0.0); | ( 405735.5, |
| 3823559.6,  | 834.8,     | 834.8,  | 0.0);   |       |             |
| ( 405716.4, | 3823575.0, | 834.4,  | 834.4,  | 0.0); | ( 405697.2, |
| 3823590.4,  | 833.9,     | 833.9,  | 0.0);   |       |             |
| ( 405678.1, | 3823605.9, | 833.6,  | 833.6,  | 0.0); | ( 405659.0, |
| 3823621.3,  | 833.2,     | 833.2,  | 0.0);   |       |             |
| ( 405639.8, | 3823636.8, | 833.4,  | 833.4,  | 0.0); | ( 405620.7, |
| 3823652.2,  | 833.2,     | 833.2,  | 0.0);   |       |             |
| ( 405601.6, | 3823667.7, | 832.8,  | 832.8,  | 0.0); | ( 405582.4, |
| 3823683.1,  | 832.4,     | 832.4,  | 0.0);   |       |             |
| ( 405563.3, | 3823698.6, | 832.6,  | 832.6,  | 0.0); | ( 405544.2, |
| 3823714.0,  | 832.4,     | 832.4,  | 0.0);   |       |             |
| ( 405525.0, | 3823729.5, | 832.1,  | 832.1,  | 0.0); | ( 405505.9, |
| 3823744.9,  | 831.9,     | 831.9,  | 0.0);   |       |             |
| ( 405486.8, | 3823760.4, | 832.0,  | 832.0,  | 0.0); | ( 405467.6, |
| 3823775.8,  | 831.9,     | 831.9,  | 0.0);   |       |             |
| ( 405448.5, | 3823791.2, | 831.5,  | 831.5,  | 0.0); | ( 405429.4, |
| 3823806.7,  | 831.3,     | 831.3,  | 0.0);   |       |             |
| ( 405410.2, | 3823822.1, | 831.2,  | 831.2,  | 0.0); | ( 405391.1, |

3823837.6, 831.2, 831.2, 0.0);  
 ( 405372.0, 3823853.0, 831.2, 831.2, 0.0); ( 405352.8,  
 3823868.5, 830.7, 830.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 135

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 405333.7, 3823883.9, 830.4, 830.4, 0.0); ( 405314.6,  
 3823899.4, 830.2, 830.2, 0.0);  
 ( 405295.4, 3823914.8, 829.7, 829.7, 0.0); ( 405276.3,  
 3823930.3, 829.4, 829.4, 0.0);  
 ( 405257.2, 3823945.7, 829.5, 829.5, 0.0); ( 405238.0,  
 3823961.1, 829.2, 829.2, 0.0);  
 ( 405218.9, 3823976.6, 828.8, 828.8, 0.0); ( 405199.8,  
 3823992.0, 828.6, 828.6, 0.0);  
 ( 405180.6, 3824007.5, 828.7, 828.7, 0.0); ( 405161.5,  
 3824022.9, 828.4, 828.4, 0.0);  
 ( 405142.4, 3824038.4, 827.9, 827.9, 0.0); ( 405123.2,  
 3824053.8, 827.5, 827.5, 0.0);  
 ( 405104.1, 3824069.3, 827.2, 827.2, 0.0); ( 405085.0,  
 3824084.7, 827.1, 827.1, 0.0);  
 ( 405065.8, 3824100.2, 827.1, 827.1, 0.0); ( 405046.7,  
 3824115.6, 826.8, 826.8, 0.0);  
 ( 405027.6, 3824131.1, 826.4, 826.4, 0.0); ( 405008.4,  
 3824146.5, 825.9, 825.9, 0.0);  
 ( 404989.3, 3824161.9, 825.8, 825.8, 0.0); ( 404970.2,  
 3824177.4, 825.9, 825.9, 0.0);  
 ( 404951.0, 3824192.8, 825.8, 825.8, 0.0); ( 404931.9,  
 3824208.3, 825.6, 825.6, 0.0);  
 ( 404912.8, 3824223.7, 825.3, 825.3, 0.0); ( 404893.6,  
 3824239.2, 824.6, 824.6, 0.0);  
 ( 404874.5, 3824254.6, 824.3, 824.3, 0.0); ( 404855.4,  
 3824270.1, 824.3, 824.3, 0.0);  
 ( 404836.2, 3824285.5, 824.3, 824.3, 0.0); ( 404817.1,  
 3824301.0, 824.7, 824.7, 0.0);  
 ( 404798.0, 3824316.4, 825.2, 825.2, 0.0); ( 404778.8,  
 3824331.9, 824.6, 824.6, 0.0);  
 ( 404759.7, 3824347.3, 823.8, 823.8, 0.0); ( 404740.6,  
 3824362.8, 823.6, 823.6, 0.0);  
 ( 404721.4, 3824378.2, 823.5, 823.5, 0.0); ( 404702.3,  
 3824393.6, 823.7, 823.7, 0.0);  
 ( 404683.2, 3824409.1, 823.1, 823.1, 0.0); ( 404664.0,

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3824424.5,  | 822.3,     | 822.3, | 0.0);  |       |             |
| ( 404644.9, | 3824440.0, | 821.9, | 821.9, | 0.0); | ( 404625.8, |
| 3824455.4,  | 821.5,     | 821.5, | 0.0);  |       |             |
| ( 404606.6, | 3824470.9, | 820.9, | 820.9, | 0.0); | ( 404587.5, |
| 3824486.3,  | 820.7,     | 820.7, | 0.0);  |       |             |
| ( 404568.4, | 3824501.8, | 820.4, | 820.4, | 0.0); | ( 404549.2, |
| 3824517.2,  | 820.2,     | 820.2, | 0.0);  |       |             |
| ( 404530.1, | 3824532.7, | 820.1, | 820.1, | 0.0); | ( 404511.0, |
| 3824548.1,  | 820.0,     | 820.0, | 0.0);  |       |             |
| ( 404491.8, | 3824563.5, | 819.8, | 819.8, | 0.0); | ( 404472.7, |
| 3824579.0,  | 819.6,     | 819.6, | 0.0);  |       |             |
| ( 404453.6, | 3824594.4, | 819.1, | 819.1, | 0.0); | ( 404434.4, |
| 3824609.9,  | 819.0,     | 819.0, | 0.0);  |       |             |
| ( 404415.3, | 3824625.3, | 818.6, | 818.6, | 0.0); | ( 404396.2, |
| 3824640.8,  | 818.1,     | 818.1, | 0.0);  |       |             |
| ( 404377.0, | 3824656.2, | 817.8, | 817.8, | 0.0); | ( 404357.9, |
| 3824671.7,  | 817.9,     | 817.9, | 0.0);  |       |             |
| ( 404338.8, | 3824687.1, | 817.7, | 817.7, | 0.0); | ( 404319.6, |
| 3824702.6,  | 817.5,     | 817.5, | 0.0);  |       |             |
| ( 404300.5, | 3824718.0, | 817.1, | 817.1, | 0.0); | ( 404281.4, |
| 3824733.5,  | 816.9,     | 816.9, | 0.0);  |       |             |
| ( 404262.2, | 3824748.9, | 816.7, | 816.7, | 0.0); | ( 404243.1, |
| 3824764.3,  | 816.4,     | 816.4, | 0.0);  |       |             |
| ( 404224.0, | 3824779.8, | 816.2, | 816.2, | 0.0); | ( 404204.8, |
| 3824795.2,  | 816.0,     | 816.0, | 0.0);  |       |             |
| ( 404185.7, | 3824810.7, | 815.9, | 815.9, | 0.0); | ( 404166.6, |
| 3824826.1,  | 815.4,     | 815.4, | 0.0);  |       |             |
| ( 404147.5, | 3824841.6, | 814.8, | 814.8, | 0.0); | ( 404128.3, |
| 3824857.0,  | 814.9,     | 814.9, | 0.0);  |       |             |
| ( 404109.2, | 3824872.5, | 814.7, | 814.7, | 0.0); | ( 404090.0, |
| 3824887.9,  | 814.5,     | 814.5, | 0.0);  |       |             |
| ( 404070.9, | 3824903.4, | 814.2, | 814.2, | 0.0); | ( 404051.8, |
| 3824918.8,  | 814.0,     | 814.0, | 0.0);  |       |             |
| ( 404032.6, | 3824934.3, | 813.8, | 813.8, | 0.0); | ( 404013.5, |
| 3824949.7,  | 813.5,     | 813.5, | 0.0);  |       |             |
| ( 403994.4, | 3824965.1, | 813.2, | 813.2, | 0.0); | ( 403975.2, |
| 3824980.6,  | 812.9,     | 812.9, | 0.0);  |       |             |
| ( 403956.1, | 3824996.0, | 812.6, | 812.6, | 0.0); | ( 403937.0, |
| 3825011.5,  | 812.4,     | 812.4, | 0.0);  |       |             |
| ( 403917.8, | 3825026.9, | 812.2, | 812.2, | 0.0); | ( 403898.7, |
| 3825042.4,  | 812.0,     | 812.0, | 0.0);  |       |             |
| ( 403879.6, | 3825057.8, | 811.8, | 811.8, | 0.0); | ( 403860.5, |
| 3825073.3,  | 811.7,     | 811.7, | 0.0);  |       |             |
| ( 403841.3, | 3825088.7, | 811.5, | 811.5, | 0.0); | ( 403822.2, |
| 3825104.2,  | 811.3,     | 811.3, | 0.0);  |       |             |
| ( 403803.0, | 3825119.6, | 811.1, | 811.1, | 0.0); | ( 403783.9, |
| 3825135.1,  | 810.9,     | 810.9, | 0.0);  |       |             |
| ( 403764.8, | 3825150.5, | 810.9, | 810.9, | 0.0); | ( 403745.6, |
| 3825165.9,  | 810.8,     | 810.8, | 0.0);  |       |             |
| ( 403726.5, | 3825181.4, | 810.4, | 810.4, | 0.0); | ( 403707.4, |

```

3825196.8, 810.1, 810.1, 0.0);
(403688.2, 3825212.3, 809.9, 809.9, 0.0); (403669.1,
3825227.7, 810.0, 810.0, 0.0);
(403650.0, 3825243.2, 809.8, 809.8, 0.0); (403630.8,
3825258.6, 809.7, 809.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 136

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(403611.7, 3825274.1, 809.6, 809.6, 0.0); (403592.6,
3825289.5, 809.6, 809.6, 0.0);
(403573.5, 3825305.0, 809.4, 809.4, 0.0); (403554.3,
3825320.4, 809.3, 809.3, 0.0);
(403535.2, 3825335.8, 809.1, 809.1, 0.0); (403516.0,
3825351.3, 808.8, 808.8, 0.0);
(403496.9, 3825366.8, 808.6, 808.6, 0.0); (403477.8,
3825382.2, 808.6, 808.6, 0.0);
(403458.6, 3825397.6, 808.7, 808.7, 0.0); (403439.5,
3825413.1, 808.8, 808.8, 0.0);
(403420.4, 3825428.5, 808.8, 808.8, 0.0); (403401.2,
3825444.0, 808.6, 808.6, 0.0);
(403382.1, 3825459.4, 808.0, 808.0, 0.0); (403363.0,
3825474.9, 807.5, 807.5, 0.0);
(403343.8, 3825490.3, 807.3, 807.3, 0.0); (403324.7,
3825505.8, 806.8, 806.8, 0.0);
(403305.6, 3825521.2, 806.1, 806.1, 0.0); (403286.5,
3825536.6, 805.4, 805.4, 0.0);
(403267.3, 3825552.1, 805.1, 805.1, 0.0); (403248.2,
3825567.5, 805.0, 805.0, 0.0);
(403229.1, 3825583.0, 805.2, 805.2, 0.0); (403209.9,
3825598.4, 805.4, 805.4, 0.0);
(403190.8, 3825613.9, 805.4, 805.4, 0.0); (403171.7,
3825629.3, 805.3, 805.3, 0.0);
(403152.5, 3825644.8, 805.2, 805.2, 0.0); (403133.4,
3825660.2, 805.1, 805.1, 0.0);
(403114.3, 3825675.7, 805.2, 805.2, 0.0); (403095.1,
3825691.1, 805.4, 805.4, 0.0);
(403076.0, 3825706.6, 805.3, 805.3, 0.0); (403056.9,
3825722.0, 804.9, 804.9, 0.0);
(403037.7, 3825737.4, 804.7, 804.7, 0.0); (403018.6,
3825752.9, 804.4, 804.4, 0.0);
(402999.5, 3825768.3, 804.0, 804.0, 0.0); (402980.3,

```

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3825783.8,  | 803.5,     | 803.5, | 0.0);  |       |             |
| ( 402961.2, | 3825799.2, | 803.4, | 803.4, | 0.0); | ( 402942.1, |
| 3825814.7,  | 803.3,     | 803.3, | 0.0);  |       |             |
| ( 402922.9, | 3825830.1, | 803.1, | 803.1, | 0.0); | ( 402903.8, |
| 3825845.6,  | 803.0,     | 803.0, | 0.0);  |       |             |
| ( 402884.7, | 3825861.0, | 803.0, | 803.0, | 0.0); | ( 402865.5, |
| 3825876.5,  | 802.8,     | 802.8, | 0.0);  |       |             |
| ( 402846.4, | 3825891.9, | 802.5, | 802.5, | 0.0); | ( 402827.3, |
| 3825907.4,  | 802.0,     | 802.0, | 0.0);  |       |             |
| ( 402808.1, | 3825922.8, | 801.7, | 801.7, | 0.0); | ( 402789.0, |
| 3825938.2,  | 801.5,     | 801.5, | 0.0);  |       |             |
| ( 402769.9, | 3825953.7, | 801.4, | 801.4, | 0.0); | ( 402750.7, |
| 3825969.1,  | 801.3,     | 801.3, | 0.0);  |       |             |
| ( 402731.6, | 3825984.6, | 801.3, | 801.3, | 0.0); | ( 402712.5, |
| 3826000.0,  | 801.1,     | 801.1, | 0.0);  |       |             |
| ( 402693.3, | 3826015.5, | 800.6, | 800.6, | 0.0); | ( 402674.2, |
| 3826030.9,  | 799.6,     | 799.6, | 0.0);  |       |             |
| ( 402655.1, | 3826046.4, | 798.9, | 798.9, | 0.0); | ( 402635.9, |
| 3826061.8,  | 799.5,     | 799.5, | 0.0);  |       |             |
| ( 402616.8, | 3826077.3, | 800.4, | 800.4, | 0.0); | ( 402597.7, |
| 3826092.7,  | 800.6,     | 800.6, | 0.0);  |       |             |
| ( 402578.5, | 3826108.2, | 800.5, | 800.5, | 0.0); | ( 402559.4, |
| 3826123.6,  | 800.0,     | 800.0, | 0.0);  |       |             |
| ( 402540.3, | 3826139.0, | 799.8, | 799.8, | 0.0); | ( 402521.1, |
| 3826154.5,  | 799.4,     | 799.4, | 0.0);  |       |             |
| ( 402502.0, | 3826169.9, | 799.3, | 799.3, | 0.0); | ( 402482.9, |
| 3826185.4,  | 799.3,     | 799.3, | 0.0);  |       |             |
| ( 402463.7, | 3826200.8, | 799.2, | 799.2, | 0.0); | ( 402444.6, |
| 3826216.3,  | 798.9,     | 798.9, | 0.0);  |       |             |
| ( 402425.5, | 3826231.7, | 798.7, | 798.7, | 0.0); | ( 402406.3, |
| 3826247.2,  | 798.4,     | 798.4, | 0.0);  |       |             |
| ( 402387.2, | 3826262.6, | 798.1, | 798.1, | 0.0); | ( 402368.1, |
| 3826278.1,  | 798.1,     | 798.1, | 0.0);  |       |             |
| ( 402348.9, | 3826293.5, | 798.2, | 798.2, | 0.0); | ( 402329.8, |
| 3826309.0,  | 797.7,     | 797.7, | 0.0);  |       |             |
| ( 402310.7, | 3826324.4, | 797.5, | 797.5, | 0.0); | ( 402291.5, |
| 3826339.8,  | 797.3,     | 797.3, | 0.0);  |       |             |
| ( 402272.4, | 3826355.3, | 797.2, | 797.2, | 0.0); | ( 402253.3, |
| 3826370.7,  | 797.2,     | 797.2, | 0.0);  |       |             |
| ( 402234.1, | 3826386.2, | 797.3, | 797.3, | 0.0); | ( 402215.0, |
| 3826401.6,  | 797.2,     | 797.2, | 0.0);  |       |             |
| ( 402195.9, | 3826417.1, | 797.3, | 797.3, | 0.0); | ( 402176.7, |
| 3826432.5,  | 797.2,     | 797.2, | 0.0);  |       |             |
| ( 402157.6, | 3826448.0, | 797.1, | 797.1, | 0.0); | ( 402138.5, |
| 3826463.4,  | 797.0,     | 797.0, | 0.0);  |       |             |
| ( 402119.3, | 3826478.9, | 796.8, | 796.8, | 0.0); | ( 402100.2, |
| 3826494.3,  | 796.5,     | 796.5, | 0.0);  |       |             |
| ( 402081.1, | 3826509.8, | 796.5, | 796.5, | 0.0); | ( 402061.9, |
| 3826525.2,  | 796.6,     | 796.6, | 0.0);  |       |             |
| ( 402042.8, | 3826540.6, | 796.6, | 796.6, | 0.0); | ( 402023.7, |

```

3826556.1, 796.5, 796.5, 0.0);
 (402004.5, 3826571.5, 796.4, 796.4, 0.0); (401985.4,
3826587.0, 796.3, 796.3, 0.0);
 (401966.3, 3826602.4, 796.2, 796.2, 0.0); (401947.1,
3826617.9, 795.9, 795.9, 0.0);
 (401928.0, 3826633.3, 795.6, 795.6, 0.0); (401908.9,
3826648.8, 795.7, 795.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 137

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (401889.7, 3826664.2, 795.8, 795.8, 0.0); (401870.6,
3826679.7, 795.9, 795.9, 0.0);
 (401851.5, 3826695.1, 796.0, 796.0, 0.0); (401832.3,
3826710.6, 795.8, 795.8, 0.0);
 (401813.2, 3826726.0, 795.6, 795.6, 0.0); (401794.1,
3826741.4, 795.8, 795.8, 0.0);
 (401774.9, 3826756.9, 796.0, 796.0, 0.0); (401755.8,
3826772.3, 795.9, 795.9, 0.0);
 (401736.7, 3826787.8, 795.8, 795.8, 0.0); (401717.5,
3826803.2, 795.6, 795.6, 0.0);
 (401698.4, 3826818.7, 795.5, 795.5, 0.0); (401679.3,
3826834.1, 795.3, 795.3, 0.0);
 (401660.1, 3826849.6, 795.1, 795.1, 0.0); (401641.0,
3826865.0, 794.8, 794.8, 0.0);
 (401621.9, 3826880.5, 794.5, 794.5, 0.0); (401602.7,
3826895.9, 794.6, 794.6, 0.0);
 (401583.6, 3826911.3, 794.9, 794.9, 0.0); (401564.5,
3826926.8, 794.8, 794.8, 0.0);
 (401545.3, 3826942.2, 794.7, 794.7, 0.0); (401526.2,
3826957.7, 794.8, 794.8, 0.0);
 (401507.1, 3826973.1, 794.8, 794.8, 0.0); (401487.9,
3826988.6, 794.7, 794.7, 0.0);
 (401468.8, 3827004.0, 794.6, 794.6, 0.0); (401449.7,
3827019.5, 794.5, 794.5, 0.0);
 (401430.5, 3827034.9, 794.3, 794.3, 0.0); (401411.4,
3827050.4, 794.1, 794.1, 0.0);
 (401392.3, 3827065.8, 794.0, 794.0, 0.0); (401373.1,
3827081.3, 793.9, 793.9, 0.0);
 (401354.0, 3827096.7, 793.7, 793.7, 0.0); (401334.9,
3827112.1, 793.5, 793.5, 0.0);
 (401315.7, 3827127.6, 793.5, 793.5, 0.0); (401296.6,

```



|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3827143.0,  | 793.4,     | 793.4, | 0.0);  |       |             |
| ( 401277.5, | 3827158.5, | 793.3, | 793.3, | 0.0); | ( 401258.3, |
| 3827173.9,  | 793.3,     | 793.3, | 0.0);  |       |             |
| ( 401239.2, | 3827189.4, | 793.4, | 793.4, | 0.0); | ( 401220.1, |
| 3827204.8,  | 793.3,     | 793.3, | 0.0);  |       |             |
| ( 401200.9, | 3827220.3, | 793.1, | 793.1, | 0.0); | ( 401181.8, |
| 3827235.7,  | 792.9,     | 792.9, | 0.0);  |       |             |
| ( 401162.7, | 3827251.2, | 792.8, | 792.8, | 0.0); | ( 401143.5, |
| 3827266.6,  | 792.7,     | 792.7, | 0.0);  |       |             |
| ( 401124.4, | 3827282.1, | 792.5, | 792.5, | 0.0); | ( 401105.3, |
| 3827297.5,  | 792.3,     | 792.3, | 0.0);  |       |             |
| ( 401086.1, | 3827312.9, | 792.1, | 792.1, | 0.0); | ( 401067.0, |
| 3827328.4,  | 792.1,     | 792.1, | 0.0);  |       |             |
| ( 401047.9, | 3827343.8, | 792.0, | 792.0, | 0.0); | ( 401028.7, |
| 3827359.3,  | 792.0,     | 792.0, | 0.0);  |       |             |
| ( 401009.6, | 3827374.7, | 792.0, | 792.0, | 0.0); | ( 400990.5, |
| 3827390.2,  | 791.9,     | 791.9, | 0.0);  |       |             |
| ( 400971.3, | 3827405.6, | 791.7, | 791.7, | 0.0); | ( 400952.2, |
| 3827421.1,  | 791.4,     | 791.4, | 0.0);  |       |             |
| ( 400933.1, | 3827436.5, | 791.3, | 791.3, | 0.0); | ( 400913.9, |
| 3827452.0,  | 791.5,     | 791.5, | 0.0);  |       |             |
| ( 400894.8, | 3827467.4, | 791.4, | 791.4, | 0.0); | ( 400875.7, |
| 3827482.9,  | 791.0,     | 791.0, | 0.0);  |       |             |
| ( 400856.5, | 3827498.3, | 790.7, | 790.7, | 0.0); | ( 400837.4, |
| 3827513.8,  | 790.6,     | 790.6, | 0.0);  |       |             |
| ( 400818.3, | 3827529.2, | 790.4, | 790.4, | 0.0); | ( 400799.1, |
| 3827544.6,  | 790.1,     | 790.1, | 0.0);  |       |             |
| ( 400780.0, | 3827560.1, | 790.0, | 790.0, | 0.0); | ( 400760.9, |
| 3827575.5,  | 790.0,     | 790.0, | 0.0);  |       |             |
| ( 400741.7, | 3827591.0, | 790.0, | 790.0, | 0.0); | ( 400722.6, |
| 3827606.4,  | 789.9,     | 789.9, | 0.0);  |       |             |
| ( 400703.5, | 3827621.9, | 789.7, | 789.7, | 0.0); | ( 400684.3, |
| 3827637.3,  | 789.6,     | 789.6, | 0.0);  |       |             |
| ( 400665.2, | 3827652.8, | 789.5, | 789.5, | 0.0); | ( 400646.1, |
| 3827668.2,  | 789.4,     | 789.4, | 0.0);  |       |             |
| ( 400626.9, | 3827683.7, | 789.3, | 789.3, | 0.0); | ( 400607.8, |
| 3827699.1,  | 789.0,     | 789.0, | 0.0);  |       |             |
| ( 400588.7, | 3827714.5, | 789.0, | 789.0, | 0.0); | ( 400569.5, |
| 3827730.0,  | 789.0,     | 789.0, | 0.0);  |       |             |
| ( 400550.4, | 3827745.4, | 789.2, | 789.2, | 0.0); | ( 400531.3, |
| 3827760.9,  | 789.5,     | 789.5, | 0.0);  |       |             |
| ( 400512.1, | 3827776.3, | 789.5, | 789.5, | 0.0); | ( 400493.0, |
| 3827791.8,  | 789.4,     | 789.4, | 0.0);  |       |             |
| ( 400473.9, | 3827807.2, | 789.2, | 789.2, | 0.0); | ( 400454.8, |
| 3827822.7,  | 789.1,     | 789.1, | 0.0);  |       |             |
| ( 400435.6, | 3827838.1, | 789.0, | 789.0, | 0.0); | ( 400416.5, |
| 3827853.6,  | 789.0,     | 789.0, | 0.0);  |       |             |
| ( 400397.3, | 3827869.0, | 789.0, | 789.0, | 0.0); | ( 400378.2, |
| 3827884.5,  | 789.0,     | 789.0, | 0.0);  |       |             |
| ( 400359.1, | 3827899.9, | 788.9, | 788.9, | 0.0); | ( 400340.0, |

```

3827915.3, 788.9, 788.9, 0.0);
 (400320.8, 3827930.8, 789.0, 789.0, 0.0); (400301.7,
3827946.2, 789.0, 789.0, 0.0);
 (400282.5, 3827961.7, 789.0, 789.0, 0.0); (400263.4,
3827977.1, 788.9, 788.9, 0.0);
 (400244.3, 3827992.6, 788.8, 788.8, 0.0); (400225.1,
3828008.0, 788.7, 788.7, 0.0);
 (400206.0, 3828023.5, 788.7, 788.7, 0.0); (400186.9,
3828038.9, 788.9, 788.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 138

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (400167.8, 3828054.4, 788.9, 788.9, 0.0); (400148.6,
3828069.8, 788.9, 788.9, 0.0);
 (400129.5, 3828085.3, 789.0, 789.0, 0.0); (400110.3,
3828100.7, 789.2, 789.2, 0.0);
 (400091.2, 3828116.1, 789.1, 789.1, 0.0); (400047.5,
3828132.3, 788.9, 788.9, 0.0);
 (400022.9, 3828133.0, 789.1, 789.1, 0.0); (399998.3,
3828133.7, 789.2, 789.2, 0.0);
 (399973.8, 3828134.4, 789.3, 789.3, 0.0); (399949.2,
3828135.1, 789.6, 789.6, 0.0);
 (399924.6, 3828135.8, 789.7, 789.7, 0.0); (399900.0,
3828136.5, 789.9, 789.9, 0.0);
 (399875.4, 3828137.2, 790.1, 790.1, 0.0); (399850.9,
3828137.9, 790.6, 790.6, 0.0);
 (399826.3, 3828138.6, 790.9, 790.9, 0.0); (399801.7,
3828139.3, 790.9, 790.9, 0.0);
 (399777.1, 3828140.0, 790.5, 790.5, 0.0); (399752.5,
3828140.8, 790.7, 790.7, 0.0);
 (399728.0, 3828141.4, 790.8, 790.8, 0.0); (399703.4,
3828142.1, 791.0, 791.0, 0.0);
 (399678.8, 3828142.9, 791.2, 791.2, 0.0); (399654.2,
3828143.6, 791.3, 791.3, 0.0);
 (399629.6, 3828144.3, 791.3, 791.3, 0.0); (399605.1,
3828145.0, 791.4, 791.4, 0.0);
 (399580.5, 3828145.7, 791.6, 791.6, 0.0); (399555.9,
3828146.4, 791.7, 791.7, 0.0);
 (399531.3, 3828147.1, 791.8, 791.8, 0.0); (399506.8,
3828147.8, 792.0, 792.0, 0.0);
 (399482.2, 3828148.5, 792.2, 792.2, 0.0); (399457.6,

```

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3828149.2,  | 792.3,     | 792.3, | 0.0);  |       |             |
| ( 399433.0, | 3828149.9, | 792.2, | 792.2, | 0.0); | ( 399408.4, |
| 3828150.6,  | 792.2,     | 792.2, | 0.0);  |       |             |
| ( 399383.8, | 3828151.3, | 792.3, | 792.3, | 0.0); | ( 399359.3, |
| 3828152.0,  | 792.5,     | 792.5, | 0.0);  |       |             |
| ( 399334.7, | 3828152.7, | 792.6, | 792.6, | 0.0); | ( 399310.1, |
| 3828153.4,  | 792.7,     | 792.7, | 0.0);  |       |             |
| ( 399285.5, | 3828154.1, | 792.8, | 792.8, | 0.0); | ( 399261.0, |
| 3828154.8,  | 792.9,     | 792.9, | 0.0);  |       |             |
| ( 399236.4, | 3828155.5, | 792.9, | 792.9, | 0.0); | ( 399211.8, |
| 3828156.2,  | 793.0,     | 793.0, | 0.0);  |       |             |
| ( 399187.2, | 3828156.9, | 793.2, | 793.2, | 0.0); | ( 399162.6, |
| 3828157.6,  | 793.4,     | 793.4, | 0.0);  |       |             |
| ( 399138.0, | 3828158.3, | 793.5, | 793.5, | 0.0); | ( 399113.5, |
| 3828159.0,  | 793.6,     | 793.6, | 0.0);  |       |             |
| ( 399088.9, | 3828159.8, | 793.7, | 793.7, | 0.0); | ( 399064.3, |
| 3828160.5,  | 793.7,     | 793.7, | 0.0);  |       |             |
| ( 399039.7, | 3828161.2, | 793.8, | 793.8, | 0.0); | ( 399015.1, |
| 3828161.9,  | 793.9,     | 793.9, | 0.0);  |       |             |
| ( 398990.6, | 3828162.6, | 794.3, | 794.3, | 0.0); | ( 398966.0, |
| 3828163.3,  | 794.5,     | 794.5, | 0.0);  |       |             |
| ( 398941.4, | 3828164.0, | 794.7, | 794.7, | 0.0); | ( 398916.8, |
| 3828164.7,  | 794.9,     | 794.9, | 0.0);  |       |             |
| ( 398892.3, | 3828165.4, | 795.1, | 795.1, | 0.0); | ( 398867.7, |
| 3828166.1,  | 795.3,     | 795.3, | 0.0);  |       |             |
| ( 398843.1, | 3828166.8, | 795.4, | 795.4, | 0.0); | ( 398818.5, |
| 3828167.5,  | 795.2,     | 795.2, | 0.0);  |       |             |
| ( 398793.9, | 3828168.2, | 795.3, | 795.3, | 0.0); | ( 398769.4, |
| 3828168.9,  | 795.5,     | 795.5, | 0.0);  |       |             |
| ( 398744.8, | 3828169.6, | 795.5, | 795.5, | 0.0); | ( 398720.2, |
| 3828170.3,  | 795.5,     | 795.5, | 0.0);  |       |             |
| ( 398695.6, | 3828171.0, | 795.5, | 795.5, | 0.0); | ( 398671.0, |
| 3828171.7,  | 795.6,     | 795.6, | 0.0);  |       |             |
| ( 398646.5, | 3828172.4, | 795.8, | 795.8, | 0.0); | ( 398621.9, |
| 3828173.1,  | 796.0,     | 796.0, | 0.0);  |       |             |
| ( 398597.3, | 3828173.8, | 796.2, | 796.2, | 0.0); | ( 398572.7, |
| 3828174.5,  | 796.4,     | 796.4, | 0.0);  |       |             |
| ( 398548.1, | 3828175.2, | 796.5, | 796.5, | 0.0); | ( 398523.6, |
| 3828175.9,  | 796.6,     | 796.6, | 0.0);  |       |             |
| ( 398499.0, | 3828176.6, | 796.7, | 796.7, | 0.0); | ( 398474.4, |
| 3828177.3,  | 796.7,     | 796.7, | 0.0);  |       |             |
| ( 398449.8, | 3828178.1, | 796.6, | 796.6, | 0.0); | ( 398425.2, |
| 3828178.8,  | 796.8,     | 796.8, | 0.0);  |       |             |
| ( 398400.7, | 3828179.5, | 796.9, | 796.9, | 0.0); | ( 398376.1, |
| 3828180.2,  | 797.2,     | 797.2, | 0.0);  |       |             |
| ( 398351.5, | 3828180.9, | 797.4, | 797.4, | 0.0); | ( 398326.9, |
| 3828181.6,  | 797.6,     | 797.6, | 0.0);  |       |             |
| ( 398302.3, | 3828182.3, | 797.8, | 797.8, | 0.0); | ( 398277.8, |
| 3828183.0,  | 797.9,     | 797.9, | 0.0);  |       |             |
| ( 398253.2, | 3828183.7, | 798.0, | 798.0, | 0.0); | ( 398228.6, |

```

3828184.4, 798.2, 798.2, 0.0);
(398204.0, 3828185.1, 798.3, 798.3, 0.0); (398179.4,
3828185.8, 798.5, 798.5, 0.0);
(398154.9, 3828186.5, 798.7, 798.7, 0.0); (398130.3,
3828187.2, 798.9, 798.9, 0.0);
(398105.7, 3828187.9, 799.1, 799.1, 0.0); (398081.1,
3828188.6, 799.2, 799.2, 0.0);
(398056.5, 3828189.3, 799.4, 799.4, 0.0); (398032.0,
3828190.0, 799.4, 799.4, 0.0);
(398007.4, 3828190.7, 799.4, 799.4, 0.0); (397982.8,
3828191.4, 799.6, 799.6, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 139

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(397958.2, 3828192.1, 799.9, 799.9, 0.0); (397933.6,
3828192.8, 800.1, 800.1, 0.0);
(397909.1, 3828193.5, 800.2, 800.2, 0.0); (397884.5,
3828194.2, 800.4, 800.4, 0.0);
(397859.9, 3828194.9, 800.5, 800.5, 0.0); (397835.3,
3828195.7, 800.6, 800.6, 0.0);
(397810.8, 3828196.4, 801.0, 801.0, 0.0); (397786.2,
3828197.1, 801.3, 801.3, 0.0);
(397761.6, 3828197.8, 801.0, 801.0, 0.0); (397737.0,
3828198.5, 801.0, 801.0, 0.0);
(397712.4, 3828199.2, 800.9, 800.9, 0.0); (397687.8,
3828199.9, 800.8, 800.8, 0.0);
(397663.3, 3828200.6, 800.8, 800.8, 0.0); (397638.7,
3828201.3, 800.6, 800.6, 0.0);
(397614.1, 3828202.0, 800.5, 800.5, 0.0); (397589.5,
3828202.7, 800.5, 800.5, 0.0);
(397565.0, 3828203.4, 800.6, 800.6, 0.0); (397540.4,
3828204.1, 800.7, 800.7, 0.0);
(397515.8, 3828204.8, 800.9, 800.9, 0.0); (397491.2,
3828205.5, 801.5, 801.5, 0.0);
(397466.6, 3828206.2, 802.0, 802.0, 0.0); (397442.0,
3828206.9, 802.2, 802.2, 0.0);
(397417.5, 3828207.6, 802.3, 802.3, 0.0); (397392.9,
3828208.3, 802.2, 802.2, 0.0);
(397368.3, 3828209.0, 802.0, 802.0, 0.0); (397343.7,
3828209.7, 802.4, 802.4, 0.0);
(397319.1, 3828210.4, 802.6, 802.6, 0.0); (397294.6,

```

|             |            |        |        |       |             |
|-------------|------------|--------|--------|-------|-------------|
| 3828211.1,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 397270.0, | 3828211.8, | 802.6, | 802.6, | 0.0); | ( 397245.4, |
| 3828212.5,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 397220.8, | 3828213.3, | 802.7, | 802.7, | 0.0); | ( 397196.2, |
| 3828214.0,  | 802.8,     | 802.8, | 0.0);  |       |             |
| ( 397171.7, | 3828214.7, | 802.9, | 802.9, | 0.0); | ( 397147.1, |
| 3828215.4,  | 803.0,     | 803.0, | 0.0);  |       |             |
| ( 397122.5, | 3828216.1, | 802.9, | 802.9, | 0.0); | ( 397097.9, |
| 3828216.8,  | 802.8,     | 802.8, | 0.0);  |       |             |
| ( 397073.3, | 3828217.5, | 802.6, | 802.6, | 0.0); | ( 397048.8, |
| 3828218.2,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 397024.2, | 3828218.9, | 802.6, | 802.6, | 0.0); | ( 396999.6, |
| 3828219.6,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 396975.0, | 3828220.3, | 802.5, | 802.5, | 0.0); | ( 396950.5, |
| 3828221.0,  | 802.5,     | 802.5, | 0.0);  |       |             |
| ( 396925.9, | 3828221.7, | 802.6, | 802.6, | 0.0); | ( 396901.3, |
| 3828222.4,  | 802.7,     | 802.7, | 0.0);  |       |             |
| ( 396876.7, | 3828223.1, | 802.7, | 802.7, | 0.0); | ( 396852.1, |
| 3828223.8,  | 802.7,     | 802.7, | 0.0);  |       |             |
| ( 396827.6, | 3828224.5, | 802.7, | 802.7, | 0.0); | ( 396803.0, |
| 3828225.2,  | 802.4,     | 802.4, | 0.0);  |       |             |
| ( 396778.4, | 3828225.9, | 802.3, | 802.3, | 0.0); | ( 396753.8, |
| 3828226.6,  | 802.4,     | 802.4, | 0.0);  |       |             |
| ( 396729.2, | 3828227.3, | 802.6, | 802.6, | 0.0); | ( 396704.7, |
| 3828228.0,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 396680.1, | 3828228.8, | 802.6, | 802.6, | 0.0); | ( 396655.5, |
| 3828229.4,  | 802.8,     | 802.8, | 0.0);  |       |             |
| ( 396630.9, | 3828230.1, | 802.8, | 802.8, | 0.0); | ( 396606.3, |
| 3828230.9,  | 802.7,     | 802.7, | 0.0);  |       |             |
| ( 396581.8, | 3828231.6, | 802.6, | 802.6, | 0.0); | ( 396557.2, |
| 3828232.3,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 396532.6, | 3828233.0, | 802.6, | 802.6, | 0.0); | ( 396508.0, |
| 3828233.7,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 396483.4, | 3828234.4, | 802.5, | 802.5, | 0.0); | ( 396458.9, |
| 3828235.1,  | 802.6,     | 802.6, | 0.0);  |       |             |
| ( 396434.3, | 3828235.8, | 802.7, | 802.7, | 0.0); | ( 396409.7, |
| 3828236.5,  | 802.8,     | 802.8, | 0.0);  |       |             |
| ( 396385.1, | 3828237.2, | 802.7, | 802.7, | 0.0); | ( 396360.5, |
| 3828237.9,  | 802.9,     | 802.9, | 0.0);  |       |             |
| ( 396336.0, | 3828238.6, | 803.1, | 803.1, | 0.0); | ( 396311.4, |
| 3828239.3,  | 803.5,     | 803.5, | 0.0);  |       |             |
| ( 396286.8, | 3828240.0, | 803.5, | 803.5, | 0.0); | ( 396262.2, |
| 3828240.7,  | 803.6,     | 803.6, | 0.0);  |       |             |
| ( 396237.6, | 3828241.4, | 803.7, | 803.7, | 0.0); | ( 396213.1, |
| 3828242.1,  | 803.8,     | 803.8, | 0.0);  |       |             |
| ( 396188.5, | 3828242.8, | 803.8, | 803.8, | 0.0); | ( 396163.9, |
| 3828243.5,  | 803.9,     | 803.9, | 0.0);  |       |             |
| ( 396139.3, | 3828244.2, | 804.0, | 804.0, | 0.0); | ( 396114.7, |
| 3828244.9,  | 804.3,     | 804.3, | 0.0);  |       |             |
| ( 396090.2, | 3828245.6, | 804.5, | 804.5, | 0.0); | ( 396065.6, |

```

3828246.3, 804.0, 804.0, 0.0);
 (396041.0, 3828247.0, 804.3, 804.3, 0.0); (396016.4,
3828247.8, 806.0, 806.0, 0.0);
 (395991.8, 3828248.5, 806.9, 806.9, 0.0); (395967.3,
3828249.2, 807.1, 807.1, 0.0);
 (395942.7, 3828249.9, 807.7, 807.7, 0.0); (395918.1,
3828250.6, 808.3, 808.3, 0.0);
 (395893.5, 3828251.3, 808.9, 808.9, 0.0); (395869.0,
3828252.0, 809.2, 809.2, 0.0);
 (395844.4, 3828252.7, 809.1, 809.1, 0.0); (395819.8,
3828253.4, 809.1, 809.1, 0.0);
 (395795.2, 3828254.1, 809.1, 809.1, 0.0); (395770.6,
3828254.8, 809.0, 809.0, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 140

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395746.0, 3828255.5, 809.1, 809.1, 0.0); (395721.5,
3828256.2, 809.2, 809.2, 0.0);
 (395696.9, 3828256.9, 809.3, 809.3, 0.0); (395672.3,
3828257.6, 809.3, 809.3, 0.0);
 (395647.7, 3828258.3, 809.4, 809.4, 0.0); (395623.1,
3828259.0, 809.6, 809.6, 0.0);
 (395598.6, 3828259.7, 809.7, 809.7, 0.0); (395574.0,
3828260.4, 809.9, 809.9, 0.0);
 (395549.4, 3828261.1, 810.0, 810.0, 0.0); (395524.8,
3828261.8, 810.0, 810.0, 0.0);
 (395500.2, 3828262.5, 809.9, 809.9, 0.0); (395475.7,
3828263.2, 809.8, 809.8, 0.0);
 (395451.1, 3828263.9, 810.1, 810.1, 0.0); (395426.5,
3828264.6, 810.7, 810.7, 0.0);
 (395401.9, 3828265.3, 811.2, 811.2, 0.0); (395377.3,
3828266.1, 811.7, 811.7, 0.0);
 (395352.8, 3828266.8, 812.1, 812.1, 0.0); (395328.2,
3828267.5, 812.5, 812.5, 0.0);
 (395303.6, 3828268.2, 813.0, 813.0, 0.0); (395279.0,
3828268.9, 813.5, 813.5, 0.0);
 (395254.5, 3828269.6, 813.8, 813.8, 0.0); (395229.9,
3828270.3, 814.1, 814.1, 0.0);
 (395205.3, 3828271.0, 814.4, 814.4, 0.0); (395180.7,
3828271.7, 814.4, 814.4, 0.0);
 (395156.1, 3828272.4, 814.2, 814.2, 0.0); (395131.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3828273.1,  | 814.2,     | 814.2,  | 0.0);   |       |             |
| ( 395107.0, | 3828273.8, | 814.5,  | 814.5,  | 0.0); | ( 395082.4, |
| 3828274.5,  | 814.7,     | 814.7,  | 0.0);   |       |             |
| ( 395057.8, | 3828275.2, | 814.9,  | 814.9,  | 0.0); | ( 395033.2, |
| 3828275.9,  | 815.0,     | 815.0,  | 0.0);   |       |             |
| ( 395008.7, | 3828276.6, | 815.2,  | 815.2,  | 0.0); | ( 394984.1, |
| 3828277.3,  | 815.4,     | 815.4,  | 0.0);   |       |             |
| ( 394959.5, | 3828278.0, | 815.6,  | 815.6,  | 0.0); | ( 394934.9, |
| 3828278.7,  | 816.2,     | 816.2,  | 0.0);   |       |             |
| ( 394910.3, | 3828279.4, | 817.3,  | 817.3,  | 0.0); | ( 394885.8, |
| 3828280.1,  | 818.9,     | 818.9,  | 0.0);   |       |             |
| ( 394861.2, | 3828280.8, | 820.3,  | 820.3,  | 0.0); | ( 394836.6, |
| 3828281.5,  | 821.1,     | 821.1,  | 0.0);   |       |             |
| ( 394812.0, | 3828282.2, | 821.4,  | 821.4,  | 0.0); | ( 394787.4, |
| 3828282.9,  | 821.9,     | 821.9,  | 0.0);   |       |             |
| ( 394762.9, | 3828283.7, | 822.3,  | 822.3,  | 0.0); | ( 394738.3, |
| 3828284.4,  | 822.6,     | 822.6,  | 0.0);   |       |             |
| ( 394713.7, | 3828285.1, | 822.7,  | 822.7,  | 0.0); | ( 394369.6, |
| 3828294.9,  | 827.4,     | 827.4,  | 0.0);   |       |             |
| ( 394345.0, | 3828295.6, | 827.1,  | 827.1,  | 0.0); | ( 394320.4, |
| 3828296.3,  | 827.0,     | 827.0,  | 0.0);   |       |             |
| ( 394295.8, | 3828297.0, | 827.0,  | 1582.1, | 0.0); | ( 394271.3, |
| 3828297.7,  | 826.9,     | 1582.4, | 0.0);   |       |             |
| ( 394246.7, | 3828298.4, | 827.1,  | 1584.3, | 0.0); | ( 394222.1, |
| 3828299.1,  | 827.5,     | 1585.0, | 0.0);   |       |             |
| ( 394197.5, | 3828299.8, | 827.9,  | 1585.1, | 0.0); | ( 394173.0, |
| 3828300.5,  | 828.7,     | 1586.8, | 0.0);   |       |             |
| ( 394148.4, | 3828301.3, | 829.7,  | 1586.8, | 0.0); | ( 394123.8, |
| 3828302.0,  | 830.6,     | 1586.8, | 0.0);   |       |             |
| ( 394099.2, | 3828302.7, | 830.9,  | 1586.8, | 0.0); | ( 394074.6, |
| 3828303.4,  | 830.6,     | 1586.8, | 0.0);   |       |             |
| ( 394050.0, | 3828304.1, | 830.2,  | 1586.8, | 0.0); | ( 394025.5, |
| 3828304.8,  | 829.9,     | 1586.8, | 0.0);   |       |             |
| ( 394000.9, | 3828305.5, | 829.8,  | 1586.8, | 0.0); | ( 393976.3, |
| 3828306.2,  | 829.5,     | 1586.8, | 0.0);   |       |             |
| ( 393951.7, | 3828306.9, | 829.2,  | 1586.8, | 0.0); | ( 393927.1, |
| 3828307.6,  | 828.9,     | 1586.8, | 0.0);   |       |             |
| ( 393902.6, | 3828308.3, | 828.8,  | 1586.8, | 0.0); | ( 393878.0, |
| 3828309.0,  | 828.8,     | 1586.8, | 0.0);   |       |             |
| ( 393853.4, | 3828309.7, | 829.0,  | 1586.8, | 0.0); | ( 393828.8, |
| 3828310.4,  | 828.9,     | 1586.8, | 0.0);   |       |             |
| ( 393804.2, | 3828311.1, | 828.5,  | 1586.8, | 0.0); | ( 393779.7, |
| 3828311.8,  | 828.2,     | 1586.8, | 0.0);   |       |             |
| ( 393755.1, | 3828312.5, | 828.1,  | 1586.8, | 0.0); | ( 393730.5, |
| 3828313.2,  | 828.3,     | 1586.8, | 0.0);   |       |             |
| ( 393705.9, | 3828313.9, | 828.3,  | 1586.8, | 0.0); | ( 393681.3, |
| 3828314.6,  | 828.3,     | 1586.8, | 0.0);   |       |             |
| ( 393656.8, | 3828315.3, | 828.2,  | 1586.8, | 0.0); | ( 393632.2, |
| 3828316.0,  | 828.3,     | 1586.8, | 0.0);   |       |             |
| ( 393607.6, | 3828316.8, | 828.2,  | 1586.8, | 0.0); | ( 393583.0, |

```

3828317.4, 828.6, 1586.8, 0.0);
(393558.5, 3828318.1, 828.8, 1586.8, 0.0); (393533.9,
3828318.9, 828.6, 1586.8, 0.0);
(393509.3, 3828319.6, 828.3, 1586.8, 0.0); (393484.7,
3828320.3, 828.4, 1586.8, 0.0);
(393460.1, 3828321.0, 829.0, 1586.8, 0.0); (393435.5,
3828321.7, 828.9, 1586.8, 0.0);
(393411.0, 3828322.4, 828.2, 1586.8, 0.0); (393386.4,
3828323.1, 827.9, 1586.8, 0.0);
(393361.8, 3828323.8, 828.2, 1586.8, 0.0); (393337.2,
3828324.5, 828.5, 1586.8, 0.0);
(393312.6, 3828325.2, 828.8, 1586.8, 0.0); (393288.1,
3828325.9, 829.1, 1586.8, 0.0);
(393263.5, 3828326.6, 829.4, 1586.8, 0.0); (393238.9,
3828327.3, 829.7, 1586.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 141

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393214.3, 3828328.0, 830.0, 1586.8, 0.0); (393189.8,
3828328.7, 830.4, 1586.8, 0.0);
(393165.2, 3828329.4, 830.6, 1586.8, 0.0); (393140.6,
3828330.1, 830.8, 1586.8, 0.0);
(393116.0, 3828330.8, 831.0, 1586.8, 0.0); (393091.4,
3828331.5, 831.2, 1586.8, 0.0);
(393066.9, 3828332.2, 831.4, 1586.8, 0.0); (393042.3,
3828332.9, 831.6, 1586.8, 0.0);
(393017.7, 3828333.6, 831.8, 1586.8, 0.0); (392993.1,
3828334.3, 832.0, 1586.8, 0.0);
(392968.5, 3828335.0, 832.2, 1586.8, 0.0); (392944.0,
3828335.8, 832.4, 1586.8, 0.0);
(392919.4, 3828336.5, 832.7, 1586.8, 0.0); (392894.8,
3828337.2, 832.8, 1586.8, 0.0);
(392870.2, 3828337.9, 833.2, 1586.8, 0.0); (392845.6,
3828338.6, 833.6, 1586.8, 0.0);
(392821.1, 3828339.3, 833.3, 1586.8, 0.0); (392796.5,
3828340.0, 833.6, 1586.8, 0.0);
(392771.9, 3828340.7, 833.9, 1586.8, 0.0); (392747.3,
3828341.4, 834.0, 1587.8, 0.0);
(392722.7, 3828342.1, 833.9, 1587.8, 0.0); (392698.2,
3828342.8, 834.1, 1587.8, 0.0);
(392673.6, 3828343.5, 834.3, 1587.8, 0.0); (392649.0,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3828344.2,  | 834.5,     | 1587.8, | 0.0);   |       |             |
| ( 392624.4, | 3828344.9, | 834.6,  | 1587.8, | 0.0); | ( 392599.8, |
| 3828345.6,  | 834.7,     | 1587.8, | 0.0);   |       |             |
| ( 392575.3, | 3828346.3, | 834.9,  | 1587.8, | 0.0); | ( 392550.7, |
| 3828347.0,  | 835.0,     | 1587.8, | 0.0);   |       |             |
| ( 392526.1, | 3828347.7, | 835.1,  | 1587.8, | 0.0); | ( 405965.1, |
| 3823374.2,  | 837.4,     | 837.4,  | 0.0);   |       |             |
| ( 405978.3, | 3823353.4, | 837.6,  | 837.6,  | 0.0); | ( 395994.0, |
| 3816975.5,  | 943.4,     | 1606.1, | 0.0);   |       |             |
| ( 395959.0, | 3816948.2, | 943.5,  | 1353.8, | 0.0); | ( 395924.1, |
| 3816920.8,  | 941.5,     | 1353.8, | 0.0);   |       |             |
| ( 395889.2, | 3816893.5, | 938.9,  | 1439.5, | 0.0); | ( 395854.3, |
| 3816866.1,  | 938.1,     | 1439.5, | 0.0);   |       |             |
| ( 396018.6, | 3816971.3, | 941.4,  | 1606.9, | 0.0); | ( 395991.9, |
| 3816942.2,  | 940.5,     | 1606.9, | 0.0);   |       |             |
| ( 395957.0, | 3816914.8, | 939.5,  | 1606.9, | 0.0); | ( 395922.1, |
| 3816887.5,  | 937.3,     | 1606.9, | 0.0);   |       |             |
| ( 395887.2, | 3816860.1, | 935.5,  | 1606.9, | 0.0); | ( 396034.0, |
| 3816951.6,  | 939.2,     | 1606.9, | 0.0);   |       |             |
| ( 396048.9, | 3817000.2, | 942.8,  | 1606.9, | 0.0); | ( 396007.3, |
| 3816922.5,  | 938.3,     | 1606.9, | 0.0);   |       |             |
| ( 395972.5, | 3816895.1, | 937.3,  | 1606.9, | 0.0); | ( 395937.5, |
| 3816867.8,  | 936.2,     | 1606.9, | 0.0);   |       |             |
| ( 395902.6, | 3816840.4, | 935.0,  | 1606.9, | 0.0); | ( 396049.4, |
| 3816932.0,  | 939.3,     | 1606.9, | 0.0);   |       |             |
| ( 396067.9, | 3816962.9, | 939.1,  | 1606.9, | 0.0); | ( 396073.5, |
| 3816995.9,  | 941.3,     | 1606.9, | 0.0);   |       |             |
| ( 396022.8, | 3816902.8, | 940.1,  | 1606.9, | 0.0); | ( 395987.9, |
| 3816875.5,  | 939.6,     | 1606.9, | 0.0);   |       |             |
| ( 395953.0, | 3816848.1, | 938.9,  | 1606.9, | 0.0); | ( 395918.1, |
| 3816820.8,  | 937.9,     | 1606.9, | 0.0);   |       |             |
| ( 396082.1, | 3816895.7, | 945.2,  | 1606.9, | 0.0); | ( 396104.2, |
| 3816932.8,  | 945.0,     | 1606.9, | 0.0);   |       |             |
| ( 396122.1, | 3816991.0, | 942.2,  | 1606.9, | 0.0); | ( 396113.6, |
| 3817033.4,  | 943.3,     | 1606.9, | 0.0);   |       |             |
| ( 396053.6, | 3816863.5, | 943.0,  | 1606.9, | 0.0); | ( 396018.7, |
| 3816836.1,  | 940.5,     | 1606.9, | 0.0);   |       |             |
| ( 395983.8, | 3816808.8, | 937.5,  | 1606.9, | 0.0); | ( 395948.9, |
| 3816781.4,  | 935.3,     | 1606.9, | 0.0);   |       |             |
| ( 396112.4, | 3816855.5, | 940.1,  | 1606.9, | 0.0); | ( 396133.5, |
| 3816890.8,  | 944.6,     | 1606.9, | 0.0);   |       |             |
| ( 396154.6, | 3816926.1, | 950.9,  | 1606.9, | 0.0); | ( 396171.6, |
| 3816981.6,  | 947.6,     | 1606.9, | 0.0);   |       |             |
| ( 396163.5, | 3817021.9, | 944.0,  | 1606.9, | 0.0); | ( 396155.4, |
| 3817062.2,  | 943.5,     | 1606.9, | 0.0);   |       |             |
| ( 396084.5, | 3816824.1, | 938.3,  | 1606.9, | 0.0); | ( 396049.6, |
| 3816796.8,  | 937.1,     | 1606.9, | 0.0);   |       |             |
| ( 396014.7, | 3816769.4, | 935.9,  | 1606.9, | 0.0); | ( 395979.8, |
| 3816742.1,  | 935.4,     | 1606.9, | 0.0);   |       |             |
| ( 396143.0, | 3816815.6, | 939.7,  | 1606.9, | 0.0); | ( 396163.5, |

```

3816849.9, 940.8, 1606.9, 0.0);
 (396184.0, 3816884.3, 944.4, 1606.9, 0.0); (396204.5,
3816918.6, 953.3, 1606.9, 0.0);
 (396221.0, 3816972.6, 954.8, 1606.9, 0.0); (396213.1,
3817011.8, 948.7, 1606.9, 0.0);
 (396205.2, 3817050.9, 946.4, 1606.9, 0.0); (396197.4,
3817090.1, 945.5, 1606.9, 0.0);
 (396115.3, 3816784.8, 938.6, 1606.9, 0.0); (396080.4,
3816757.4, 937.8, 1606.9, 0.0);
 (396045.5, 3816730.1, 939.0, 1606.9, 0.0); (396010.6,
3816702.7, 941.8, 1606.9, 0.0);
 (396174.7, 3816777.6, 940.2, 1606.9, 0.0); (396196.8,
3816814.7, 941.1, 1606.9, 0.0);
 (396218.9, 3816851.8, 942.0, 1606.9, 0.0); (396241.0,
3816888.9, 944.4, 1606.9, 0.0);
 (396263.1, 3816926.0, 948.5, 1606.9, 0.0); (396270.0,
3816965.7, 957.5, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 142

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (396261.5, 3817008.0, 954.0, 1606.9, 0.0); (396253.0,
3817050.3, 947.8, 1606.9, 0.0);
 (396244.5, 3817092.7, 946.5, 1606.9, 0.0); (396146.1,
3816745.4, 939.9, 1606.9, 0.0);
 (396111.2, 3816718.1, 942.2, 1606.9, 0.0); (396076.3,
3816690.7, 947.4, 1606.9, 0.0);
 (396041.5, 3816663.3, 952.6, 1606.9, 0.0); (396205.2,
3816737.8, 944.7, 1606.9, 0.0);
 (396226.7, 3816773.8, 941.6, 1606.9, 0.0); (396248.2,
3816809.9, 942.4, 1606.9, 0.0);
 (396269.7, 3816845.9, 943.3, 1606.9, 0.0); (396291.2,
3816882.0, 944.4, 1606.9, 0.0);
 (396312.7, 3816918.0, 945.6, 1606.9, 0.0); (396319.4,
3816956.6, 950.0, 1606.9, 0.0);
 (396311.1, 3816997.8, 955.4, 1606.9, 0.0); (396302.8,
3817038.9, 952.0, 1606.9, 0.0);
 (396294.5, 3817080.1, 948.0, 1606.9, 0.0); (396286.3,
3817121.3, 952.1, 1606.9, 0.0);
 (396177.0, 3816706.1, 950.2, 1606.9, 0.0); (396142.1,
3816678.7, 955.1, 1606.9, 0.0);
 (396107.2, 3816651.4, 957.5, 1606.9, 0.0); (396072.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816624.0,  | 957.8,     | 1606.9, | 0.0);   |       |             |
| ( 396267.2, | 3816659.6, | 964.0,  | 1606.9, | 0.0); | ( 396289.3, |
| 3816696.7,  | 958.8,     | 1606.9, | 0.0);   |       |             |
| ( 396311.4, | 3816733.7, | 951.4,  | 1606.9, | 0.0); | ( 396333.6, |
| 3816770.8,  | 948.0,     | 1606.9, | 0.0);   |       |             |
| ( 396355.7, | 3816807.9, | 947.2,  | 1606.9, | 0.0); | ( 396377.8, |
| 3816845.0,  | 946.5,     | 1606.9, | 0.0);   |       |             |
| ( 396399.9, | 3816882.1, | 947.3,  | 1606.9, | 0.0); | ( 396417.8, |
| 3816940.3,  | 948.6,     | 1606.9, | 0.0);   |       |             |
| ( 396409.3, | 3816982.7, | 949.9,  | 1606.9, | 0.0); | ( 396400.8, |
| 3817025.0,  | 955.8,     | 1606.9, | 0.0);   |       |             |
| ( 396392.3, | 3817067.3, | 952.7,  | 1606.9, | 0.0); | ( 396383.8, |
| 3817109.7,  | 952.3,     | 1606.9, | 0.0);   |       |             |
| ( 396375.3, | 3817152.0, | 958.5,  | 1606.9, | 0.0); | ( 396366.8, |
| 3817194.3,  | 970.4,     | 1353.8, | 0.0);   |       |             |
| ( 396238.7, | 3816627.4, | 963.7,  | 1606.9, | 0.0); | ( 396203.8, |
| 3816600.0,  | 962.4,     | 1606.9, | 0.0);   |       |             |
| ( 396168.9, | 3816572.6, | 961.1,  | 1606.9, | 0.0); | ( 396134.0, |
| 3816545.3,  | 959.6,     | 1606.9, | 0.0);   |       |             |
| ( 396329.1, | 3816581.2, | 965.9,  | 1606.9, | 0.0); | ( 396351.6, |
| 3816619.0,  | 967.0,     | 1606.9, | 0.0);   |       |             |
| ( 396374.1, | 3816656.8, | 967.2,  | 1606.9, | 0.0); | ( 396396.7, |
| 3816694.5,  | 966.3,     | 1606.9, | 0.0);   |       |             |
| ( 396419.2, | 3816732.3, | 962.7,  | 1606.9, | 0.0); | ( 396441.8, |
| 3816770.1,  | 959.9,     | 1606.9, | 0.0);   |       |             |
| ( 396464.3, | 3816807.8, | 954.3,  | 1606.9, | 0.0); | ( 396486.8, |
| 3816845.6,  | 951.4,     | 1606.9, | 0.0);   |       |             |
| ( 396509.3, | 3816883.4, | 951.2,  | 1606.9, | 0.0); | ( 396516.3, |
| 3816923.8,  | 951.3,     | 1606.9, | 0.0);   |       |             |
| ( 396507.6, | 3816966.9, | 951.5,  | 1606.9, | 0.0); | ( 396499.0, |
| 3817010.0,  | 955.6,     | 1606.9, | 0.0);   |       |             |
| ( 396490.3, | 3817053.2, | 965.4,  | 1606.9, | 0.0); | ( 396481.6, |
| 3817096.3,  | 956.5,     | 1606.9, | 0.0);   |       |             |
| ( 396473.0, | 3817139.4, | 952.4,  | 1606.9, | 0.0); | ( 396464.3, |
| 3817182.5,  | 954.7,     | 1606.9, | 0.0);   |       |             |
| ( 396455.6, | 3817225.6, | 966.8,  | 1606.9, | 0.0); | ( 396300.4, |
| 3816548.7,  | 963.8,     | 1606.9, | 0.0);   |       |             |
| ( 396265.5, | 3816521.3, | 961.9,  | 1606.9, | 0.0); | ( 396230.6, |
| 3816493.9,  | 960.6,     | 1606.9, | 0.0);   |       |             |
| ( 396195.7, | 3816466.6, | 957.8,  | 1606.9, | 0.0); | ( 396390.4, |
| 3816501.9,  | 967.3,     | 1606.9, | 0.0);   |       |             |
| ( 396412.2, | 3816538.4, | 968.5,  | 1606.9, | 0.0); | ( 396434.0, |
| 3816574.9,  | 969.3,     | 1606.9, | 0.0);   |       |             |
| ( 396455.8, | 3816611.4, | 969.9,  | 1606.9, | 0.0); | ( 396477.6, |
| 3816648.0,  | 970.2,     | 1606.9, | 0.0);   |       |             |
| ( 396499.3, | 3816684.5, | 969.8,  | 1606.9, | 0.0); | ( 396521.1, |
| 3816721.0,  | 968.1,     | 1606.9, | 0.0);   |       |             |
| ( 396542.9, | 3816757.5, | 970.1,  | 1606.9, | 0.0); | ( 396564.7, |
| 3816794.0,  | 968.4,     | 1606.9, | 0.0);   |       |             |
| ( 396586.5, | 3816830.6, | 964.7,  | 1606.9, | 0.0); | ( 396608.3, |

```

3816867.1, 959.9, 1606.9, 0.0);
 (396615.0, 3816906.2, 955.8, 1606.9, 0.0); (396606.6,
3816947.9, 954.8, 1606.9, 0.0);
 (396598.2, 3816989.6, 954.1, 1606.9, 0.0); (396589.9,
3817031.3, 955.4, 1606.9, 0.0);
 (396581.5, 3817073.0, 965.4, 1606.9, 0.0); (396573.1,
3817114.7, 968.5, 1606.9, 0.0);
 (396564.7, 3817156.4, 959.5, 1606.9, 0.0); (396556.4,
3817198.0, 954.8, 1606.9, 0.0);
 (396548.0, 3817239.7, 954.9, 1606.9, 0.0); (396539.6,
3817281.4, 958.9, 1606.9, 0.0);
 (396362.1, 3816469.9, 959.1, 1606.9, 0.0); (396327.2,
3816442.6, 950.9, 1606.9, 0.0);
 (396292.3, 3816415.2, 944.2, 1606.9, 0.0); (396257.4,
3816387.9, 940.7, 1606.9, 0.0);
 (396452.3, 3816423.5, 951.1, 1606.9, 0.0); (396474.4,
3816460.5, 964.5, 1606.9, 0.0);
 (396496.5, 3816497.6, 971.2, 1606.9, 0.0); (396518.6,
3816534.7, 972.2, 1606.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 143

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (396540.8, 3816571.8, 972.2, 1606.9, 0.0); (396562.9,
3816608.9, 972.9, 1606.9, 0.0);
 (396585.0, 3816646.0, 973.5, 1606.9, 0.0); (396607.1,
3816683.0, 973.6, 1606.9, 0.0);
 (396629.2, 3816720.1, 974.0, 1606.9, 0.0); (396651.4,
3816757.2, 974.2, 1606.9, 0.0);
 (396673.5, 3816794.3, 974.3, 1606.9, 0.0); (396695.6,
3816831.4, 970.2, 1606.9, 0.0);
 (396713.5, 3816889.6, 962.3, 1606.9, 0.0); (396705.0,
3816931.9, 958.3, 1606.9, 0.0);
 (396696.5, 3816974.3, 957.3, 1606.9, 0.0); (396688.0,
3817016.6, 957.1, 1606.9, 0.0);
 (396679.5, 3817059.0, 958.8, 1606.9, 0.0); (396671.0,
3817101.3, 969.2, 1606.9, 0.0);
 (396662.5, 3817143.6, 973.0, 1606.9, 0.0); (396654.0,
3817186.0, 971.8, 1606.9, 0.0);
 (396645.5, 3817228.3, 966.6, 1606.9, 0.0); (396636.9,
3817270.6, 959.9, 1606.9, 0.0);
 (396628.4, 3817313.0, 957.8, 1606.9, 0.0); (396619.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817355.3,  | 959.4,     | 1606.9, | 0.0);   |       |             |
| ( 396423.8, | 3816391.2, | 945.4,  | 1606.9, | 0.0); | ( 396388.8, |
| 3816363.9,  | 943.8,     | 1606.9, | 0.0);   |       |             |
| ( 396354.0, | 3816336.5, | 942.5,  | 1606.9, | 0.0); | ( 396319.0, |
| 3816309.2,  | 941.1,     | 1606.9, | 0.0);   |       |             |
| ( 396514.1, | 3816345.0, | 948.3,  | 1606.9, | 0.0); | ( 396536.5, |
| 3816382.5,  | 949.0,     | 1606.9, | 0.0);   |       |             |
| ( 396558.9, | 3816420.0, | 949.8,  | 1606.9, | 0.0); | ( 396581.2, |
| 3816457.5,  | 950.8,     | 1606.9, | 0.0);   |       |             |
| ( 396603.6, | 3816495.1, | 956.6,  | 1606.9, | 0.0); | ( 396626.0, |
| 3816532.6,  | 969.7,     | 1606.9, | 0.0);   |       |             |
| ( 396648.4, | 3816570.1, | 975.2,  | 1606.9, | 0.0); | ( 396670.8, |
| 3816607.6,  | 976.0,     | 1606.9, | 0.0);   |       |             |
| ( 396693.2, | 3816645.2, | 976.5,  | 1606.9, | 0.0); | ( 396715.6, |
| 3816682.7,  | 976.7,     | 1606.9, | 0.0);   |       |             |
| ( 396738.0, | 3816720.2, | 977.0,  | 1606.9, | 0.0); | ( 396760.3, |
| 3816757.7,  | 977.1,     | 1606.9, | 0.0);   |       |             |
| ( 396782.7, | 3816795.3, | 974.5,  | 1606.9, | 0.0); | ( 396805.1, |
| 3816832.8,  | 971.0,     | 1606.9, | 0.0);   |       |             |
| ( 396812.0, | 3816873.0, | 970.2,  | 1606.9, | 0.0); | ( 396803.4, |
| 3816915.8,  | 962.9,     | 1606.9, | 0.0);   |       |             |
| ( 396794.8, | 3816958.6, | 960.6,  | 1606.9, | 0.0); | ( 396786.2, |
| 3817001.5,  | 960.4,     | 1606.9, | 0.0);   |       |             |
| ( 396777.6, | 3817044.3, | 960.5,  | 1606.9, | 0.0); | ( 396769.0, |
| 3817087.2,  | 961.3,     | 1606.9, | 0.0);   |       |             |
| ( 396760.4, | 3817130.0, | 970.3,  | 1606.9, | 0.0); | ( 396751.8, |
| 3817172.8,  | 974.4,     | 1606.9, | 0.0);   |       |             |
| ( 396743.1, | 3817215.7, | 973.3,  | 1606.9, | 0.0); | ( 396734.5, |
| 3817258.5,  | 971.8,     | 1606.9, | 0.0);   |       |             |
| ( 396725.9, | 3817301.3, | 969.2,  | 1606.9, | 0.0); | ( 396717.3, |
| 3817344.2,  | 967.0,     | 1606.9, | 0.0);   |       |             |
| ( 396708.7, | 3817387.0, | 963.4,  | 1606.9, | 0.0); | ( 396485.4, |
| 3816312.5,  | 947.2,     | 1606.9, | 0.0);   |       |             |
| ( 396450.5, | 3816285.2, | 945.8,  | 1606.9, | 0.0); | ( 396415.6, |
| 3816257.8,  | 944.5,     | 1606.9, | 0.0);   |       |             |
| ( 396380.7, | 3816230.5, | 943.0,  | 1606.9, | 0.0); | ( 396668.4, |
| 3816148.3,  | 965.3,     | 1606.9, | 0.0);   |       |             |
| ( 396690.9, | 3816186.1, | 963.4,  | 1606.9, | 0.0); | ( 396713.5, |
| 3816223.9,  | 970.1,     | 1606.9, | 0.0);   |       |             |
| ( 396736.0, | 3816261.6, | 970.2,  | 1606.9, | 0.0); | ( 396758.5, |
| 3816299.4,  | 959.9,     | 1606.9, | 0.0);   |       |             |
| ( 396781.0, | 3816337.2, | 957.9,  | 1606.9, | 0.0); | ( 396803.6, |
| 3816375.0,  | 958.5,     | 1606.9, | 0.0);   |       |             |
| ( 396826.1, | 3816412.7, | 958.9,  | 1606.9, | 0.0); | ( 396848.6, |
| 3816450.5,  | 958.7,     | 1606.9, | 0.0);   |       |             |
| ( 396871.2, | 3816488.3, | 958.4,  | 1606.9, | 0.0); | ( 396893.7, |
| 3816526.0,  | 966.2,     | 1606.9, | 0.0);   |       |             |
| ( 396916.2, | 3816563.8, | 980.2,  | 1606.9, | 0.0); | ( 396938.8, |
| 3816601.6,  | 982.6,     | 1606.9, | 0.0);   |       |             |
| ( 396961.3, | 3816639.3, | 983.1,  | 1606.9, | 0.0); | ( 396983.8, |

```

3816677.1, 983.4, 1606.9, 0.0);
(397006.4, 3816714.9, 983.8, 1606.9, 0.0); (397028.9,
3816752.6, 983.9, 1606.9, 0.0);
(397051.4, 3816790.4, 984.0, 1606.9, 0.0); (397058.4,
3816830.9, 982.1, 1606.9, 0.0);
(397049.7, 3816874.0, 974.7, 1606.9, 0.0); (397041.0,
3816917.1, 969.8, 1606.9, 0.0);
(397032.4, 3816960.2, 969.3, 1606.9, 0.0); (397023.7,
3817003.3, 968.5, 1606.9, 0.0);
(397015.1, 3817046.4, 969.1, 1606.9, 0.0); (397006.4,
3817089.6, 976.2, 1606.9, 0.0);
(396997.7, 3817132.7, 980.7, 1606.9, 0.0); (396989.1,
3817175.8, 979.7, 1606.9, 0.0);
(396980.4, 3817218.9, 978.2, 1606.9, 0.0); (396971.8,
3817262.0, 976.6, 1606.9, 0.0);
(396963.1, 3817305.2, 975.2, 1606.9, 0.0); (396954.4,
3817348.3, 973.8, 1606.9, 0.0);
(396945.8, 3817391.4, 972.5, 1606.9, 0.0); (396937.1,
3817434.5, 971.1, 1606.9, 0.0);
(396928.4, 3817477.6, 970.0, 1606.9, 0.0); (396919.8,
3817520.8, 967.7, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 144

\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396639.7, 3816115.8, 968.0, 1606.9, 0.0); (396604.8,
3816088.4, 974.1, 1606.9, 0.0);
(396569.9, 3816061.1, 982.4, 1606.9, 0.0); (396535.0,
3816033.7, 993.3, 1606.9, 0.0);
(396822.6, 3815951.7, 1011.0, 1606.9, 0.0); (396845.3,
3815989.6, 1011.8, 1606.9, 0.0);
(396867.9, 3816027.5, 1011.5, 1606.9, 0.0); (396890.5,
3816065.4, 1011.3, 1606.9, 0.0);
(396913.1, 3816103.4, 1008.3, 1606.9, 0.0); (396935.8,
3816141.3, 993.5, 1606.9, 0.0);
(396958.4, 3816179.2, 986.8, 1606.9, 0.0); (396981.0,
3816217.1, 979.3, 1606.9, 0.0);
(397003.7, 3816255.1, 967.9, 1606.9, 0.0); (397026.3,
3816293.0, 965.9, 1606.9, 0.0);
(397048.9, 3816330.9, 965.9, 1606.9, 0.0); (397071.5,
3816368.8, 965.2, 1606.9, 0.0);
(397094.2, 3816406.8, 966.6, 1606.9, 0.0); (397116.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816444.7,  | 978.2,     | 1606.9, | 0.0);   |       |             |
| ( 397139.4, | 3816482.6, | 990.1,  | 1606.9, | 0.0); | ( 397162.0, |
| 3816520.5,  | 991.6,     | 1606.9, | 0.0);   |       |             |
| ( 397184.7, | 3816558.5, | 991.9,  | 1606.9, | 0.0); | ( 397207.3, |
| 3816596.4,  | 992.3,     | 1606.9, | 0.0);   |       |             |
| ( 397229.9, | 3816634.3, | 992.7,  | 1606.9, | 0.0); | ( 397252.5, |
| 3816672.2,  | 993.1,     | 1606.9, | 0.0);   |       |             |
| ( 397275.2, | 3816710.2, | 992.9,  | 1606.9, | 0.0); | ( 397297.8, |
| 3816748.1,  | 992.4,     | 1606.9, | 0.0);   |       |             |
| ( 397304.8, | 3816788.7, | 992.0,  | 1606.9, | 0.0); | ( 397296.1, |
| 3816832.0,  | 991.1,     | 1606.9, | 0.0);   |       |             |
| ( 397287.4, | 3816875.3, | 983.4,  | 1606.9, | 0.0); | ( 397278.7, |
| 3816918.6,  | 977.4,     | 1606.9, | 0.0);   |       |             |
| ( 397270.0, | 3816961.9, | 977.0,  | 1606.9, | 0.0); | ( 397261.3, |
| 3817005.2,  | 976.1,     | 1606.9, | 0.0);   |       |             |
| ( 397252.6, | 3817048.5, | 981.4,  | 1606.9, | 0.0); | ( 397243.9, |
| 3817091.8,  | 1001.3,    | 1606.9, | 0.0);   |       |             |
| ( 397235.2, | 3817135.1, | 1022.5, | 1606.9, | 0.0); | ( 397226.5, |
| 3817178.4,  | 1032.3,    | 1606.9, | 0.0);   |       |             |
| ( 397217.8, | 3817221.7, | 1018.5, | 1606.9, | 0.0); | ( 397209.1, |
| 3817264.9,  | 998.0,     | 1606.9, | 0.0);   |       |             |
| ( 397200.4, | 3817308.2, | 983.2,  | 1606.9, | 0.0); | ( 397191.7, |
| 3817351.5,  | 975.8,     | 1606.9, | 0.0);   |       |             |
| ( 397183.0, | 3817394.8, | 972.6,  | 1606.9, | 0.0); | ( 397174.3, |
| 3817438.1,  | 971.3,     | 1606.9, | 0.0);   |       |             |
| ( 397165.6, | 3817481.4, | 970.0,  | 1606.9, | 0.0); | ( 397156.9, |
| 3817524.7,  | 969.2,     | 1606.9, | 0.0);   |       |             |
| ( 397148.2, | 3817568.0, | 970.2,  | 1606.9, | 0.0); | ( 397139.5, |
| 3817611.3,  | 971.3,     | 1606.9, | 0.0);   |       |             |
| ( 397130.8, | 3817654.6, | 972.7,  | 1606.9, | 0.0); | ( 396793.9, |
| 3815919.0,  | 1014.1,    | 1606.9, | 0.0);   |       |             |
| ( 396759.0, | 3815891.7, | 1019.0, | 1606.9, | 0.0); | ( 396724.1, |
| 3815864.3,  | 1027.6,    | 1606.9, | 0.0);   |       |             |
| ( 396689.2, | 3815837.0, | 1039.3, | 1606.9, | 0.0); | ( 396976.9, |
| 3815754.9,  | 1008.7,    | 1606.9, | 0.0);   |       |             |
| ( 396999.6, | 3815793.0, | 1006.9, | 1606.9, | 0.0); | ( 397022.3, |
| 3815831.0,  | 998.8,     | 1606.9, | 0.0);   |       |             |
| ( 397045.0, | 3815869.0, | 986.7,  | 1606.9, | 0.0); | ( 397067.7, |
| 3815907.1,  | 980.1,     | 1606.9, | 0.0);   |       |             |
| ( 397090.4, | 3815945.1, | 978.4,  | 1606.9, | 0.0); | ( 397113.0, |
| 3815983.1,  | 977.4,     | 1606.9, | 0.0);   |       |             |
| ( 397135.7, | 3816021.2, | 976.2,  | 1606.9, | 0.0); | ( 397158.4, |
| 3816059.2,  | 975.2,     | 1606.9, | 0.0);   |       |             |
| ( 397181.1, | 3816097.2, | 974.6,  | 1606.9, | 0.0); | ( 397203.8, |
| 3816135.3,  | 975.1,     | 1606.9, | 0.0);   |       |             |
| ( 397226.5, | 3816173.3, | 976.6,  | 1606.9, | 0.0); | ( 397249.2, |
| 3816211.3,  | 983.0,     | 1606.9, | 0.0);   |       |             |
| ( 397271.9, | 3816249.4, | 989.7,  | 1606.9, | 0.0); | ( 397294.6, |
| 3816287.4,  | 991.1,     | 1606.9, | 0.0);   |       |             |
| ( 397317.3, | 3816325.4, | 990.2,  | 1606.9, | 0.0); | ( 397340.0, |

```

3816363.5, 990.2, 1606.9, 0.0);
(397362.6, 3816401.5, 990.8, 1606.9, 0.0); (397385.3,
3816439.5, 991.6, 1606.9, 0.0);
(397408.0, 3816477.6, 992.8, 1606.9, 0.0); (397430.7,
3816515.6, 994.5, 1606.9, 0.0);
(397453.4, 3816553.6, 996.3, 1606.9, 0.0); (397476.1,
3816591.7, 996.8, 1606.9, 0.0);
(397498.8, 3816629.7, 997.2, 1606.9, 0.0); (397521.5,
3816667.7, 997.8, 1606.9, 0.0);
(397544.2, 3816705.8, 998.6, 1606.9, 0.0); (397551.1,
3816746.5, 999.1, 1606.9, 0.0);
(397542.4, 3816789.9, 998.2, 1606.9, 0.0); (397533.7,
3816833.3, 991.2, 1606.9, 0.0);
(397525.0, 3816876.8, 987.8, 1606.9, 0.0); (397516.3,
3816920.2, 987.5, 1606.9, 0.0);
(397507.5, 3816963.6, 985.7, 1606.9, 0.0); (397498.8,
3817007.0, 984.2, 1606.9, 0.0);
(397490.1, 3817050.4, 985.2, 1606.9, 0.0); (397481.4,
3817093.9, 988.5, 1606.9, 0.0);
(397472.6, 3817137.3, 995.2, 1606.9, 0.0); (397463.9,
3817180.7, 1004.9, 1606.9, 0.0);
(397455.2, 3817224.1, 1016.7, 1606.9, 0.0); (397446.5,
3817267.5, 1025.0, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 145

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(397437.8, 3817311.0, 1019.4, 1606.9, 0.0); (397429.0,
3817354.4, 1004.2, 1606.9, 0.0);
(397420.3, 3817397.8, 989.1, 1606.9, 0.0); (397411.6,
3817441.2, 979.4, 1606.9, 0.0);
(397402.9, 3817484.6, 976.9, 1606.9, 0.0); (397394.1,
3817528.1, 975.1, 1606.9, 0.0);
(397385.4, 3817571.5, 974.1, 1606.9, 0.0); (397376.7,
3817614.9, 973.8, 1606.9, 0.0);
(397368.0, 3817658.3, 973.7, 1606.9, 0.0); (397359.2,
3817701.7, 973.8, 1606.9, 0.0);
(397350.5, 3817745.2, 974.2, 1606.9, 0.0); (397341.8,
3817788.6, 975.0, 1606.9, 0.0);
(396948.1, 3815722.3, 1009.0, 1606.9, 0.0); (396913.2,
3815694.9, 1010.4, 1606.9, 0.0);
(396878.3, 3815667.5, 1015.5, 1606.9, 0.0); (396843.4,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815640.2,  | 1022.8,    | 1606.9, | 0.0);   |       |             |
| ( 397131.0, | 3815557.9, | 993.9,  | 1606.9, | 0.0); | ( 397153.3, |
| 3815595.4,  | 991.0,     | 1606.9, | 0.0);   |       |             |
| ( 397175.7, | 3815632.9, | 990.1,  | 1606.9, | 0.0); | ( 397198.1, |
| 3815670.4,  | 989.5,     | 1606.9, | 0.0);   |       |             |
| ( 397220.4, | 3815707.9, | 988.7,  | 1606.9, | 0.0); | ( 397242.8, |
| 3815745.4,  | 987.8,     | 1606.9, | 0.0);   |       |             |
| ( 397265.2, | 3815782.8, | 986.3,  | 1606.9, | 0.0); | ( 397287.5, |
| 3815820.3,  | 986.7,     | 1606.9, | 0.0);   |       |             |
| ( 397309.9, | 3815857.8, | 987.8,  | 1606.9, | 0.0); | ( 397332.2, |
| 3815895.3,  | 988.7,     | 1606.9, | 0.0);   |       |             |
| ( 397354.6, | 3815932.8, | 990.8,  | 1606.9, | 0.0); | ( 397377.0, |
| 3815970.3,  | 995.0,     | 1606.9, | 0.0);   |       |             |
| ( 397399.3, | 3816007.8, | 994.2,  | 1606.9, | 0.0); | ( 397421.7, |
| 3816045.3,  | 992.2,     | 1606.9, | 0.0);   |       |             |
| ( 397444.1, | 3816082.7, | 991.9,  | 1606.9, | 0.0); | ( 397466.4, |
| 3816120.2,  | 993.4,     | 1606.9, | 0.0);   |       |             |
| ( 397488.8, | 3816157.7, | 997.5,  | 1606.9, | 0.0); | ( 397511.2, |
| 3816195.2,  | 1002.0,    | 1606.9, | 0.0);   |       |             |
| ( 397533.5, | 3816232.7, | 1008.1, | 1606.9, | 0.0); | ( 397555.9, |
| 3816270.2,  | 1009.3,    | 1606.9, | 0.0);   |       |             |
| ( 397578.3, | 3816307.7, | 1009.9, | 1606.9, | 0.0); | ( 397600.6, |
| 3816345.2,  | 1010.9,    | 1606.9, | 0.0);   |       |             |
| ( 397623.0, | 3816382.6, | 1011.8, | 1606.9, | 0.0); | ( 397645.4, |
| 3816420.1,  | 1012.2,    | 1606.9, | 0.0);   |       |             |
| ( 397667.7, | 3816457.6, | 1012.8, | 1606.9, | 0.0); | ( 397690.1, |
| 3816495.1,  | 1013.3,    | 1606.9, | 0.0);   |       |             |
| ( 397712.5, | 3816532.6, | 1013.0, | 1606.9, | 0.0); | ( 397734.8, |
| 3816570.1,  | 1012.3,    | 1606.9, | 0.0);   |       |             |
| ( 397757.2, | 3816607.6, | 1011.5, | 1606.9, | 0.0); | ( 397779.5, |
| 3816645.0,  | 1010.8,    | 1606.9, | 0.0);   |       |             |
| ( 397797.6, | 3816703.9, | 1009.4, | 1606.9, | 0.0); | ( 397789.0, |
| 3816746.7,  | 1005.8,    | 1606.9, | 0.0);   |       |             |
| ( 397780.4, | 3816789.5, | 998.3,  | 1606.9, | 0.0); | ( 397771.8, |
| 3816832.3,  | 995.3,     | 1606.9, | 0.0);   |       |             |
| ( 397763.2, | 3816875.1, | 995.3,  | 1606.9, | 0.0); | ( 397754.6, |
| 3816917.9,  | 995.2,     | 1606.9, | 0.0);   |       |             |
| ( 397746.0, | 3816960.7, | 1000.5, | 1606.9, | 0.0); | ( 397737.4, |
| 3817003.5,  | 1005.8,    | 1606.9, | 0.0);   |       |             |
| ( 397728.8, | 3817046.3, | 1006.6, | 1606.9, | 0.0); | ( 397720.2, |
| 3817089.1,  | 1015.9,    | 1606.9, | 0.0);   |       |             |
| ( 397711.6, | 3817131.9, | 1031.0, | 1606.9, | 0.0); | ( 397703.0, |
| 3817174.7,  | 1045.8,    | 1606.9, | 0.0);   |       |             |
| ( 397694.4, | 3817217.5, | 1048.5, | 1606.9, | 0.0); | ( 397685.8, |
| 3817260.3,  | 1038.9,    | 1606.9, | 0.0);   |       |             |
| ( 397677.2, | 3817303.1, | 1026.6, | 1606.9, | 0.0); | ( 397668.6, |
| 3817345.9,  | 1014.8,    | 1606.9, | 0.0);   |       |             |
| ( 397660.0, | 3817388.7, | 1007.4, | 1606.9, | 0.0); | ( 397651.5, |
| 3817431.5,  | 1004.3,    | 1606.9, | 0.0);   |       |             |
| ( 397642.8, | 3817474.3, | 1002.3, | 1606.9, | 0.0); | ( 397634.2, |

```

3817517.1, 1001.5, 1606.9, 0.0);
(397625.7, 3817559.9, 1000.4, 1606.9, 0.0); (397617.1,
3817602.7, 998.9, 1606.9, 0.0);
(397608.5, 3817645.5, 998.4, 1606.9, 0.0); (397599.9,
3817688.3, 997.9, 1606.9, 0.0);
(397591.3, 3817731.1, 996.8, 1606.9, 0.0); (397582.7,
3817773.9, 996.2, 1606.9, 0.0);
(397574.1, 3817816.7, 993.9, 1606.9, 0.0); (397565.5,
3817859.5, 990.1, 1606.9, 0.0);
(397556.9, 3817902.2, 986.1, 1606.9, 0.0); (397548.3,
3817945.0, 982.2, 1606.9, 0.0);
(397102.3, 3815525.5, 1002.9, 1606.9, 0.0); (397067.4,
3815498.1, 1016.4, 1606.9, 0.0);
(397032.5, 3815470.8, 1018.9, 1606.9, 0.0); (396997.6,
3815443.4, 1018.9, 1606.9, 0.0);
(397439.5, 3815164.5, 1012.9, 1606.9, 0.0); (397462.0,
3815202.2, 1012.5, 1606.9, 0.0);
(397484.5, 3815240.0, 1013.2, 1606.9, 0.0); (397507.0,
3815277.7, 1015.4, 1606.9, 0.0);
(397529.5, 3815315.4, 1024.2, 1606.9, 0.0); (397552.0,
3815353.1, 1031.5, 1606.9, 0.0);
(397574.5, 3815390.9, 1025.0, 1606.9, 0.0); (397597.0,
3815428.6, 1023.5, 1606.9, 0.0);
(397619.5, 3815466.3, 1029.1, 1606.9, 0.0); (397642.0,
3815504.0, 1038.5, 1606.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 146

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(397664.5, 3815541.8, 1046.5, 1606.9, 0.0); (397687.0,
3815579.5, 1055.6, 1606.9, 0.0);
(397709.6, 3815617.2, 1064.6, 1606.9, 0.0); (397732.1,
3815654.9, 1054.9, 1606.9, 0.0);
(397754.6, 3815692.6, 1043.4, 1606.9, 0.0); (397777.1,
3815730.4, 1043.5, 1606.9, 0.0);
(397799.6, 3815768.1, 1041.7, 1606.9, 0.0); (397822.1,
3815805.8, 1048.2, 1606.9, 0.0);
(397844.6, 3815843.5, 1052.1, 1606.9, 0.0); (397867.1,
3815881.3, 1054.7, 1606.9, 0.0);
(397889.6, 3815919.0, 1061.5, 1606.9, 0.0); (397912.1,
3815956.7, 1068.4, 1606.9, 0.0);
(397934.6, 3815994.4, 1071.8, 1606.9, 0.0); (397957.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816032.2,  | 1080.1,    | 1606.9, | 0.0);   |       |             |
| ( 397979.6, | 3816069.9, | 1089.1, | 1606.9, | 0.0); | ( 398002.1, |
| 3816107.6,  | 1089.1,    | 1606.9, | 0.0);   |       |             |
| ( 398024.6, | 3816145.3, | 1082.0, | 1606.9, | 0.0); | ( 398047.1, |
| 3816183.1,  | 1072.2,    | 1606.9, | 0.0);   |       |             |
| ( 398069.7, | 3816220.8, | 1066.0, | 1606.9, | 0.0); | ( 398092.2, |
| 3816258.5,  | 1064.8,    | 1606.9, | 0.0);   |       |             |
| ( 398114.7, | 3816296.2, | 1058.3, | 1606.9, | 0.0); | ( 398137.2, |
| 3816334.0,  | 1050.7,    | 1606.9, | 0.0);   |       |             |
| ( 398159.7, | 3816371.7, | 1056.4, | 1606.9, | 0.0); | ( 398182.2, |
| 3816409.4,  | 1056.8,    | 1606.9, | 0.0);   |       |             |
| ( 398204.7, | 3816447.1, | 1055.9, | 1606.9, | 0.0); | ( 398227.2, |
| 3816484.9,  | 1051.4,    | 1606.9, | 0.0);   |       |             |
| ( 398249.7, | 3816522.6, | 1046.4, | 1606.9, | 0.0); | ( 398272.2, |
| 3816560.3,  | 1040.5,    | 1606.9, | 0.0);   |       |             |
| ( 398290.4, | 3816619.6, | 1035.7, | 1606.9, | 0.0); | ( 398281.8, |
| 3816662.6,  | 1030.8,    | 1606.9, | 0.0);   |       |             |
| ( 398273.1, | 3816705.7, | 1030.3, | 1606.9, | 0.0); | ( 398264.4, |
| 3816748.8,  | 1025.9,    | 1606.9, | 0.0);   |       |             |
| ( 398255.8, | 3816791.8, | 1016.5, | 1606.9, | 0.0); | ( 398247.1, |
| 3816834.9,  | 1012.8,    | 1606.9, | 0.0);   |       |             |
| ( 398238.5, | 3816878.0, | 1012.4, | 1606.9, | 0.0); | ( 398229.8, |
| 3816921.0,  | 1015.4,    | 1606.9, | 0.0);   |       |             |
| ( 398221.2, | 3816964.1, | 1025.8, | 1606.9, | 0.0); | ( 398212.5, |
| 3817007.2,  | 1032.1,    | 1606.9, | 0.0);   |       |             |
| ( 398203.9, | 3817050.2, | 1036.3, | 1606.9, | 0.0); | ( 398195.2, |
| 3817093.3,  | 1039.9,    | 1606.9, | 0.0);   |       |             |
| ( 398186.6, | 3817136.4, | 1042.8, | 1606.9, | 0.0); | ( 398177.9, |
| 3817179.4,  | 1046.1,    | 1606.9, | 0.0);   |       |             |
| ( 398169.3, | 3817222.5, | 1047.1, | 1606.9, | 0.0); | ( 398160.6, |
| 3817265.6,  | 1051.2,    | 1606.9, | 0.0);   |       |             |
| ( 398152.0, | 3817308.6, | 1059.0, | 1606.9, | 0.0); | ( 398143.3, |
| 3817351.7,  | 1068.5,    | 1606.9, | 0.0);   |       |             |
| ( 398134.6, | 3817394.8, | 1078.6, | 1606.9, | 0.0); | ( 398126.0, |
| 3817437.8,  | 1091.4,    | 1302.3, | 0.0);   |       |             |
| ( 398117.3, | 3817480.9, | 1106.8, | 1302.3, | 0.0); | ( 398108.7, |
| 3817524.0,  | 1124.9,    | 1302.3, | 0.0);   |       |             |
| ( 398100.0, | 3817567.0, | 1137.7, | 1276.5, | 0.0); | ( 398091.4, |
| 3817610.1,  | 1142.3,    | 1276.5, | 0.0);   |       |             |
| ( 398082.7, | 3817653.2, | 1152.3, | 1276.5, | 0.0); | ( 398074.1, |
| 3817696.2,  | 1159.8,    | 1276.5, | 0.0);   |       |             |
| ( 398065.4, | 3817739.3, | 1158.0, | 1276.5, | 0.0); | ( 398056.8, |
| 3817782.4,  | 1147.1,    | 1276.5, | 0.0);   |       |             |
| ( 398048.1, | 3817825.4, | 1136.1, | 1276.5, | 0.0); | ( 398039.5, |
| 3817868.5,  | 1139.6,    | 1276.5, | 0.0);   |       |             |
| ( 398030.8, | 3817911.6, | 1138.9, | 1276.5, | 0.0); | ( 398022.2, |
| 3817954.6,  | 1130.5,    | 1276.5, | 0.0);   |       |             |
| ( 398013.5, | 3817997.7, | 1124.6, | 1276.5, | 0.0); | ( 398004.9, |
| 3818040.8,  | 1114.5,    | 1276.5, | 0.0);   |       |             |
| ( 397996.2, | 3818083.9, | 1099.8, | 1276.5, | 0.0); | ( 397987.6, |

```

3818126.9, 1083.4, 1276.5, 0.0);
(397978.9, 3818170.0, 1064.1, 1302.3, 0.0); (397970.3,
3818213.1, 1044.6, 1302.3, 0.0);
(397410.8, 3815132.0, 1012.7, 1606.9, 0.0); (397375.9,
3815104.6, 1012.3, 1606.9, 0.0);
(397341.0, 3815077.3, 1015.1, 1606.9, 0.0); (397306.1,
3815049.9, 1018.1, 1606.9, 0.0);
(397748.0, 3814771.1, 1032.9, 1708.3, 0.0); (397770.6,
3814808.9, 1035.5, 1708.3, 0.0);
(397793.2, 3814846.8, 1037.4, 1708.3, 0.0); (397815.8,
3814884.7, 1038.0, 1708.3, 0.0);
(397838.4, 3814922.6, 1040.7, 1708.3, 0.0); (397861.0,
3814960.5, 1048.4, 1606.9, 0.0);
(397883.6, 3814998.3, 1048.8, 1606.9, 0.0); (397906.2,
3815036.2, 1050.4, 1606.9, 0.0);
(397928.8, 3815074.1, 1055.4, 1606.9, 0.0); (397951.4,
3815112.0, 1059.5, 1606.9, 0.0);
(397974.0, 3815149.9, 1063.5, 1606.9, 0.0); (397996.6,
3815187.8, 1066.1, 1606.9, 0.0);
(398019.2, 3815225.6, 1069.4, 1606.9, 0.0); (398041.8,
3815263.5, 1069.4, 1606.9, 0.0);
(398064.4, 3815301.4, 1065.4, 1606.9, 0.0); (398087.0,
3815339.3, 1070.8, 1606.9, 0.0);
(398109.6, 3815377.1, 1079.1, 1606.9, 0.0); (398132.2,
3815415.0, 1086.0, 1606.9, 0.0);
(398154.8, 3815452.9, 1092.1, 1606.9, 0.0); (398177.4,
3815490.8, 1103.8, 1606.9, 0.0);
^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 147

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(398200.0, 3815528.7, 1118.6, 1606.9, 0.0); (398222.6,
3815566.5, 1133.6, 1606.9, 0.0);
(398245.2, 3815604.4, 1146.2, 1606.9, 0.0); (398267.8,
3815642.3, 1149.2, 1606.9, 0.0);
(398290.3, 3815680.2, 1146.3, 1606.9, 0.0); (398313.0,
3815718.1, 1153.5, 1606.9, 0.0);
(398335.5, 3815755.9, 1172.2, 1606.9, 0.0); (398358.1,
3815793.8, 1197.2, 1606.9, 0.0);
(398380.8, 3815831.7, 1205.1, 1606.9, 0.0); (398403.3,
3815869.6, 1189.8, 1606.9, 0.0);
(398426.0, 3815907.5, 1174.6, 1606.9, 0.0); (398448.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815945.3,  | 1169.2,    | 1606.9, | 0.0);   |       |             |
| ( 398471.1, | 3815983.2, | 1177.7, | 1606.9, | 0.0); | ( 398493.7, |
| 3816021.1,  | 1200.3,    | 1606.9, | 0.0);   |       |             |
| ( 398516.3, | 3816059.0, | 1221.2, | 1302.3, | 0.0); | ( 398538.9, |
| 3816096.9,  | 1231.6,    | 1302.3, | 0.0);   |       |             |
| ( 398561.5, | 3816134.7, | 1228.7, | 1302.3, | 0.0); | ( 398584.1, |
| 3816172.6,  | 1211.2,    | 1302.3, | 0.0);   |       |             |
| ( 398606.7, | 3816210.5, | 1186.1, | 1606.9, | 0.0); | ( 398629.3, |
| 3816248.4,  | 1161.1,    | 1606.9, | 0.0);   |       |             |
| ( 398651.9, | 3816286.2, | 1138.2, | 1606.9, | 0.0); | ( 398674.5, |
| 3816324.1,  | 1118.4,    | 1606.9, | 0.0);   |       |             |
| ( 398697.1, | 3816362.0, | 1105.1, | 1606.9, | 0.0); | ( 398719.7, |
| 3816399.9,  | 1098.7,    | 1606.9, | 0.0);   |       |             |
| ( 398742.3, | 3816437.8, | 1109.3, | 1606.9, | 0.0); | ( 398764.9, |
| 3816475.6,  | 1119.3,    | 1606.9, | 0.0);   |       |             |
| ( 398783.2, | 3816535.1, | 1109.0, | 1606.9, | 0.0); | ( 398774.5, |
| 3816578.4,  | 1088.6,    | 1606.9, | 0.0);   |       |             |
| ( 398765.8, | 3816621.6, | 1070.3, | 1606.9, | 0.0); | ( 398757.1, |
| 3816664.9,  | 1056.8,    | 1606.9, | 0.0);   |       |             |
| ( 398748.4, | 3816708.1, | 1046.5, | 1606.9, | 0.0); | ( 398739.8, |
| 3816751.4,  | 1040.5,    | 1606.9, | 0.0);   |       |             |
| ( 398731.1, | 3816794.6, | 1035.0, | 1606.9, | 0.0); | ( 398722.4, |
| 3816837.9,  | 1032.1,    | 1606.9, | 0.0);   |       |             |
| ( 398713.7, | 3816881.1, | 1031.0, | 1606.9, | 0.0); | ( 398705.0, |
| 3816924.4,  | 1034.6,    | 1606.9, | 0.0);   |       |             |
| ( 398696.3, | 3816967.6, | 1050.6, | 1606.9, | 0.0); | ( 398687.6, |
| 3817010.8,  | 1058.0,    | 1606.9, | 0.0);   |       |             |
| ( 398678.9, | 3817054.1, | 1060.0, | 1606.9, | 0.0); | ( 398670.2, |
| 3817097.3,  | 1053.3,    | 1606.9, | 0.0);   |       |             |
| ( 398661.5, | 3817140.6, | 1065.2, | 1606.9, | 0.0); | ( 398652.9, |
| 3817183.8,  | 1085.2,    | 1606.9, | 0.0);   |       |             |
| ( 398644.2, | 3817227.1, | 1106.5, | 1606.9, | 0.0); | ( 398635.5, |
| 3817270.3,  | 1130.7,    | 1606.9, | 0.0);   |       |             |
| ( 398626.8, | 3817313.6, | 1154.6, | 1302.3, | 0.0); | ( 398618.1, |
| 3817356.8,  | 1171.5,    | 1276.5, | 0.0);   |       |             |
| ( 398609.4, | 3817400.0, | 1178.0, | 1276.5, | 0.0); | ( 398600.7, |
| 3817443.3,  | 1179.7,    | 1276.5, | 0.0);   |       |             |
| ( 398592.0, | 3817486.5, | 1181.7, | 1276.5, | 0.0); | ( 398583.4, |
| 3817529.8,  | 1183.6,    | 1276.5, | 0.0);   |       |             |
| ( 398574.7, | 3817573.0, | 1178.6, | 1276.5, | 0.0); | ( 398566.0, |
| 3817616.3,  | 1174.5,    | 1276.5, | 0.0);   |       |             |
| ( 398557.3, | 3817659.5, | 1178.0, | 1276.5, | 0.0); | ( 398548.6, |
| 3817702.8,  | 1178.8,    | 1276.5, | 0.0);   |       |             |
| ( 398539.9, | 3817746.0, | 1178.2, | 1276.5, | 0.0); | ( 398531.2, |
| 3817789.2,  | 1183.1,    | 1276.5, | 0.0);   |       |             |
| ( 398522.5, | 3817832.5, | 1194.7, | 1276.5, | 0.0); | ( 398513.9, |
| 3817875.7,  | 1211.1,    | 1276.5, | 0.0);   |       |             |
| ( 398505.2, | 3817919.0, | 1224.8, | 1273.3, | 0.0); | ( 398496.5, |
| 3817962.2,  | 1226.9,    | 1273.3, | 0.0);   |       |             |
| ( 398487.8, | 3818005.5, | 1211.1, | 1276.5, | 0.0); | ( 398479.1, |

```

3818048.7, 1186.9, 1276.5, 0.0);
(398470.4, 3818092.0, 1159.7, 1276.5, 0.0); (398461.7,
3818135.2, 1138.4, 1276.5, 0.0);
(398453.0, 3818178.4, 1133.1, 1276.5, 0.0); (398444.3,
3818221.7, 1145.7, 1276.5, 0.0);
(398435.7, 3818264.9, 1144.4, 1276.5, 0.0); (398427.0,
3818308.2, 1136.8, 1276.5, 0.0);
(398418.3, 3818351.4, 1141.3, 1276.5, 0.0); (398409.6,
3818394.7, 1143.6, 1276.5, 0.0);
(398400.9, 3818437.9, 1138.2, 1276.5, 0.0); (398392.2,
3818481.2, 1120.1, 1276.5, 0.0);
(397719.2, 3814738.4, 1031.7, 1708.3, 0.0); (397684.3,
3814711.1, 1029.3, 1708.3, 0.0);
(397649.4, 3814683.7, 1029.0, 1708.3, 0.0); (397614.5,
3814656.4, 1029.6, 1708.3, 0.0);
(398056.5, 3814377.6, 1131.9, 1606.9, 0.0); (398079.1,
3814415.6, 1148.0, 1606.9, 0.0);
(398101.8, 3814453.6, 1153.3, 1606.9, 0.0); (398124.5,
3814491.6, 1149.3, 1606.9, 0.0);
(398147.1, 3814529.6, 1143.2, 1606.9, 0.0); (398169.8,
3814567.5, 1134.8, 1606.9, 0.0);
(398192.5, 3814605.5, 1124.6, 1606.9, 0.0); (398215.1,
3814643.5, 1118.1, 1606.9, 0.0);
(398237.8, 3814681.5, 1116.5, 1606.9, 0.0); (398260.4,
3814719.5, 1108.0, 1606.9, 0.0);
(398283.1, 3814757.5, 1100.4, 1606.9, 0.0); (398305.8,
3814795.5, 1095.3, 1606.9, 0.0);
(398328.4, 3814833.5, 1089.1, 1606.9, 0.0); (398351.1,
3814871.5, 1096.9, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 148

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(398373.8, 3814909.4, 1107.4, 1606.9, 0.0); (398396.4,
3814947.4, 1107.3, 1606.9, 0.0);
(398419.1, 3814985.4, 1103.8, 1606.9, 0.0); (398441.8,
3815023.4, 1101.1, 1606.9, 0.0);
(398464.4, 3815061.4, 1100.5, 1606.9, 0.0); (398487.1,
3815099.4, 1094.0, 1606.9, 0.0);
(398509.8, 3815137.4, 1093.4, 1606.9, 0.0); (398532.4,
3815175.4, 1097.4, 1606.9, 0.0);
(398555.1, 3815213.4, 1103.1, 1606.9, 0.0); (398577.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815251.4,  | 1108.6,    | 1606.9, | 0.0);   |       |             |
| ( 398600.4, | 3815289.3, | 1113.8, | 1606.9, | 0.0); | ( 398623.1, |
| 3815327.3,  | 1120.2,    | 1606.9, | 0.0);   |       |             |
| ( 398645.7, | 3815365.3, | 1126.1, | 1606.9, | 0.0); | ( 398668.4, |
| 3815403.3,  | 1130.1,    | 1606.9, | 0.0);   |       |             |
| ( 398691.1, | 3815441.3, | 1139.8, | 1606.9, | 0.0); | ( 398713.7, |
| 3815479.3,  | 1146.5,    | 1606.9, | 0.0);   |       |             |
| ( 398736.4, | 3815517.3, | 1150.6, | 1606.9, | 0.0); | ( 398759.1, |
| 3815555.3,  | 1156.2,    | 1606.9, | 0.0);   |       |             |
| ( 398781.7, | 3815593.3, | 1163.5, | 1606.9, | 0.0); | ( 398804.4, |
| 3815631.2,  | 1169.8,    | 1606.9, | 0.0);   |       |             |
| ( 398827.0, | 3815669.2, | 1173.4, | 1606.9, | 0.0); | ( 398849.7, |
| 3815707.2,  | 1176.8,    | 1606.9, | 0.0);   |       |             |
| ( 398872.4, | 3815745.2, | 1187.8, | 1606.9, | 0.0); | ( 398895.0, |
| 3815783.2,  | 1200.3,    | 1606.9, | 0.0);   |       |             |
| ( 398917.7, | 3815821.2, | 1214.6, | 1606.9, | 0.0); | ( 398940.4, |
| 3815859.2,  | 1233.2,    | 1606.9, | 0.0);   |       |             |
| ( 398963.0, | 3815897.2, | 1256.5, | 1302.3, | 0.0); | ( 398985.7, |
| 3815935.2,  | 1274.5,    | 1302.3, | 0.0);   |       |             |
| ( 399008.4, | 3815973.1, | 1274.5, | 1302.3, | 0.0); | ( 399031.0, |
| 3816011.1,  | 1262.2,    | 1302.3, | 0.0);   |       |             |
| ( 399053.7, | 3816049.1, | 1255.9, | 1302.3, | 0.0); | ( 399076.4, |
| 3816087.1,  | 1260.1,    | 1302.3, | 0.0);   |       |             |
| ( 399099.0, | 3816125.1, | 1258.9, | 1302.3, | 0.0); | ( 399121.7, |
| 3816163.1,  | 1247.7,    | 1302.3, | 0.0);   |       |             |
| ( 399144.3, | 3816201.1, | 1224.5, | 1606.9, | 0.0); | ( 399167.0, |
| 3816239.1,  | 1195.5,    | 1606.9, | 0.0);   |       |             |
| ( 399189.7, | 3816277.1, | 1167.4, | 1606.9, | 0.0); | ( 399212.3, |
| 3816315.1,  | 1146.3,    | 1606.9, | 0.0);   |       |             |
| ( 399235.0, | 3816353.0, | 1139.8, | 1606.9, | 0.0); | ( 399257.7, |
| 3816391.0,  | 1139.9,    | 1606.9, | 0.0);   |       |             |
| ( 399276.0, | 3816450.7, | 1139.2, | 1606.9, | 0.0); | ( 399267.3, |
| 3816494.1,  | 1134.9,    | 1606.9, | 0.0);   |       |             |
| ( 399258.6, | 3816537.4, | 1119.9, | 1606.9, | 0.0); | ( 399249.8, |
| 3816580.8,  | 1100.3,    | 1606.9, | 0.0);   |       |             |
| ( 399241.1, | 3816624.2, | 1081.3, | 1606.9, | 0.0); | ( 399232.4, |
| 3816667.6,  | 1068.3,    | 1606.9, | 0.0);   |       |             |
| ( 399223.7, | 3816710.9, | 1062.3, | 1606.9, | 0.0); | ( 399215.0, |
| 3816754.3,  | 1056.8,    | 1606.9, | 0.0);   |       |             |
| ( 399206.3, | 3816797.7, | 1053.0, | 1606.9, | 0.0); | ( 399197.6, |
| 3816841.0,  | 1050.5,    | 1606.9, | 0.0);   |       |             |
| ( 399188.8, | 3816884.4, | 1049.5, | 1606.9, | 0.0); | ( 399180.1, |
| 3816927.8,  | 1047.9,    | 1606.9, | 0.0);   |       |             |
| ( 399171.4, | 3816971.1, | 1047.5, | 1606.9, | 0.0); | ( 399162.7, |
| 3817014.5,  | 1059.6,    | 1606.9, | 0.0);   |       |             |
| ( 399154.0, | 3817057.9, | 1076.1, | 1606.9, | 0.0); | ( 399145.3, |
| 3817101.3,  | 1088.0,    | 1606.9, | 0.0);   |       |             |
| ( 399136.6, | 3817144.6, | 1101.9, | 1606.9, | 0.0); | ( 399127.9, |
| 3817188.0,  | 1117.1,    | 1606.9, | 0.0);   |       |             |
| ( 399119.1, | 3817231.4, | 1129.9, | 1606.9, | 0.0); | ( 399110.4, |

```

3817274.7, 1142.4, 1606.9, 0.0);
(399101.7, 3817318.1, 1150.4, 1606.9, 0.0); (399093.0,
3817361.5, 1151.8, 1606.9, 0.0);
(399084.3, 3817404.8, 1154.0, 1302.3, 0.0); (399075.6,
3817448.2, 1159.9, 1276.5, 0.0);
(399066.9, 3817491.6, 1169.5, 1276.5, 0.0); (399058.1,
3817535.0, 1179.0, 1276.5, 0.0);
(399049.4, 3817578.3, 1184.3, 1276.5, 0.0); (399040.7,
3817621.7, 1186.2, 1276.5, 0.0);
(399032.0, 3817665.1, 1188.2, 1276.5, 0.0); (399023.3,
3817708.4, 1186.2, 1276.5, 0.0);
(399014.6, 3817751.8, 1182.3, 1276.5, 0.0); (399005.9,
3817795.2, 1182.2, 1276.5, 0.0);
(398997.2, 3817838.5, 1186.4, 1276.5, 0.0); (398988.5,
3817881.9, 1203.2, 1276.5, 0.0);
(398979.7, 3817925.3, 1222.9, 1276.5, 0.0); (398971.0,
3817968.7, 1236.2, 1276.5, 0.0);
(398962.3, 3818012.0, 1236.8, 1276.5, 0.0); (398953.6,
3818055.4, 1240.1, 1276.5, 0.0);
(398944.9, 3818098.8, 1252.9, 1276.5, 0.0); (398936.2,
3818142.1, 1265.2, 1274.3, 0.0);
(398927.5, 3818185.5, 1270.4, 1270.4, 0.0); (398918.7,
3818228.9, 1268.1, 1268.1, 0.0);
(398910.0, 3818272.2, 1266.1, 1266.1, 0.0); (398901.3,
3818315.6, 1267.5, 1270.8, 0.0);
(398892.6, 3818359.0, 1262.0, 1272.0, 0.0); (398883.9,
3818402.4, 1255.4, 1272.0, 0.0);
(398875.2, 3818445.7, 1243.9, 1276.5, 0.0); (398866.5,
3818489.1, 1229.6, 1276.5, 0.0);
(398857.8, 3818532.5, 1219.2, 1276.5, 0.0); (398849.0,
3818575.8, 1220.9, 1276.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 149

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(398840.3, 3818619.2, 1221.7, 1276.5, 0.0); (398831.6,
3818662.6, 1213.1, 1276.5, 0.0);
(398822.9, 3818705.9, 1200.9, 1276.5, 0.0); (398814.2,
3818749.3, 1184.7, 1276.5, 0.0);
(398027.7, 3814344.9, 1114.1, 1606.9, 0.0); (397992.8,
3814317.6, 1092.4, 1708.3, 0.0);
(397957.9, 3814290.2, 1072.8, 1708.3, 0.0); (397923.0,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814262.9,  | 1071.2,    | 1708.3, | 0.0);   |       |             |
| ( 398364.9, | 3813984.1, | 1189.8, | 1606.9, | 0.0); | ( 398387.6, |
| 3814022.2,  | 1203.3,    | 1606.9, | 0.0);   |       |             |
| ( 398410.4, | 3814060.3, | 1212.2, | 1606.9, | 0.0); | ( 398433.1, |
| 3814098.3,  | 1218.1,    | 1606.9, | 0.0);   |       |             |
| ( 398455.8, | 3814136.4, | 1223.4, | 1606.9, | 0.0); | ( 398478.5, |
| 3814174.5,  | 1235.7,    | 1606.9, | 0.0);   |       |             |
| ( 398501.2, | 3814212.5, | 1244.5, | 1606.9, | 0.0); | ( 398523.9, |
| 3814250.6,  | 1253.6,    | 1606.9, | 0.0);   |       |             |
| ( 398546.6, | 3814288.7, | 1263.8, | 1606.9, | 0.0); | ( 398569.3, |
| 3814326.8,  | 1274.0,    | 1606.9, | 0.0);   |       |             |
| ( 398592.1, | 3814364.8, | 1288.1, | 1312.4, | 0.0); | ( 398614.8, |
| 3814402.9,  | 1303.6,    | 1311.2, | 0.0);   |       |             |
| ( 398637.5, | 3814441.0, | 1298.7, | 1312.4, | 0.0); | ( 398660.2, |
| 3814479.0,  | 1273.9,    | 1606.9, | 0.0);   |       |             |
| ( 398682.9, | 3814517.1, | 1253.2, | 1606.9, | 0.0); | ( 398705.6, |
| 3814555.2,  | 1237.6,    | 1606.9, | 0.0);   |       |             |
| ( 398728.3, | 3814593.3, | 1225.9, | 1606.9, | 0.0); | ( 398751.0, |
| 3814631.3,  | 1235.1,    | 1606.9, | 0.0);   |       |             |
| ( 398773.8, | 3814669.4, | 1242.5, | 1606.9, | 0.0); | ( 398796.5, |
| 3814707.5,  | 1227.1,    | 1606.9, | 0.0);   |       |             |
| ( 398819.2, | 3814745.5, | 1205.4, | 1606.9, | 0.0); | ( 398841.9, |
| 3814783.6,  | 1184.5,    | 1606.9, | 0.0);   |       |             |
| ( 398864.6, | 3814821.7, | 1166.1, | 1606.9, | 0.0); | ( 398887.3, |
| 3814859.8,  | 1150.6,    | 1606.9, | 0.0);   |       |             |
| ( 398910.0, | 3814897.8, | 1141.7, | 1606.9, | 0.0); | ( 398932.8, |
| 3814935.9,  | 1142.4,    | 1606.9, | 0.0);   |       |             |
| ( 398955.5, | 3814974.0, | 1138.5, | 1606.9, | 0.0); | ( 398978.2, |
| 3815012.0,  | 1142.1,    | 1606.9, | 0.0);   |       |             |
| ( 399000.9, | 3815050.1, | 1150.5, | 1606.9, | 0.0); | ( 399023.6, |
| 3815088.2,  | 1155.9,    | 1606.9, | 0.0);   |       |             |
| ( 399046.3, | 3815126.2, | 1156.3, | 1606.9, | 0.0); | ( 399069.0, |
| 3815164.3,  | 1159.0,    | 1606.9, | 0.0);   |       |             |
| ( 399091.8, | 3815202.4, | 1159.7, | 1606.9, | 0.0); | ( 399114.5, |
| 3815240.5,  | 1160.3,    | 1606.9, | 0.0);   |       |             |
| ( 399137.2, | 3815278.5, | 1158.8, | 1606.9, | 0.0); | ( 399159.9, |
| 3815316.6,  | 1157.7,    | 1606.9, | 0.0);   |       |             |
| ( 399182.6, | 3815354.7, | 1165.2, | 1606.9, | 0.0); | ( 399205.3, |
| 3815392.8,  | 1183.3,    | 1606.9, | 0.0);   |       |             |
| ( 399228.0, | 3815430.8, | 1200.9, | 1606.9, | 0.0); | ( 399250.7, |
| 3815468.9,  | 1209.9,    | 1606.9, | 0.0);   |       |             |
| ( 399273.5, | 3815507.0, | 1218.3, | 1606.9, | 0.0); | ( 399296.2, |
| 3815545.0,  | 1234.7,    | 1606.9, | 0.0);   |       |             |
| ( 399318.9, | 3815583.1, | 1231.1, | 1606.9, | 0.0); | ( 399341.6, |
| 3815621.2,  | 1210.3,    | 1606.9, | 0.0);   |       |             |
| ( 399364.3, | 3815659.2, | 1191.7, | 1606.9, | 0.0); | ( 399387.0, |
| 3815697.3,  | 1175.3,    | 1606.9, | 0.0);   |       |             |
| ( 399409.7, | 3815735.4, | 1161.5, | 1606.9, | 0.0); | ( 399432.5, |
| 3815773.5,  | 1150.6,    | 1606.9, | 0.0);   |       |             |
| ( 399455.2, | 3815811.5, | 1141.1, | 1606.9, | 0.0); | ( 399477.9, |

```

3815849.6, 1133.8, 1606.9, 0.0);
(399500.6, 3815887.7, 1127.5, 1606.9, 0.0); (399523.3,
3815925.7, 1122.2, 1606.9, 0.0);
(399546.0, 3815963.8, 1116.6, 1606.9, 0.0); (399568.7,
3816001.9, 1111.7, 1606.9, 0.0);
(399591.4, 3816039.9, 1107.6, 1606.9, 0.0); (399614.1,
3816078.0, 1104.0, 1606.9, 0.0);
(399636.9, 3816116.1, 1100.2, 1606.9, 0.0); (399659.6,
3816154.2, 1096.4, 1606.9, 0.0);
(399682.3, 3816192.2, 1095.0, 1606.9, 0.0); (399705.0,
3816230.3, 1096.3, 1606.9, 0.0);
(399727.7, 3816268.4, 1098.0, 1606.9, 0.0); (399750.4,
3816306.4, 1102.0, 1606.9, 0.0);
(399768.8, 3816366.2, 1100.9, 1606.9, 0.0); (399760.0,
3816409.7, 1097.3, 1606.9, 0.0);
(399751.3, 3816453.2, 1095.0, 1606.9, 0.0); (399742.6,
3816496.6, 1094.2, 1606.9, 0.0);
(399733.8, 3816540.1, 1093.8, 1606.9, 0.0); (399725.1,
3816583.6, 1091.8, 1606.9, 0.0);
(399716.4, 3816627.0, 1088.2, 1606.9, 0.0); (399707.7,
3816670.5, 1083.2, 1606.9, 0.0);
(399698.9, 3816714.0, 1079.7, 1606.9, 0.0); (399690.2,
3816757.4, 1078.9, 1606.9, 0.0);
(399681.5, 3816800.9, 1083.1, 1606.9, 0.0); (399672.7,
3816844.3, 1078.4, 1606.9, 0.0);
(399664.0, 3816887.8, 1072.7, 1606.9, 0.0); (399655.3,
3816931.3, 1069.7, 1606.9, 0.0);
(399646.5, 3816974.7, 1066.4, 1606.9, 0.0); (399637.8,
3817018.2, 1064.0, 1606.9, 0.0);
(399629.1, 3817061.7, 1064.5, 1606.9, 0.0); (399620.3,
3817105.1, 1068.8, 1606.9, 0.0);
(399611.6, 3817148.6, 1066.1, 1606.9, 0.0); (399602.9,
3817192.0, 1063.7, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 150

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(399594.1, 3817235.5, 1069.8, 1606.9, 0.0); (399585.4,
3817279.0, 1078.4, 1606.9, 0.0);
(399576.7, 3817322.4, 1087.9, 1606.9, 0.0); (399567.9,
3817365.9, 1097.9, 1606.9, 0.0);
(399559.2, 3817409.4, 1107.0, 1606.9, 0.0); (399550.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817452.8,  | 1116.2,    | 1606.9, | 0.0);   |       |             |
| ( 399541.8, | 3817496.3, | 1126.3, | 1606.9, | 0.0); | ( 399533.0, |
| 3817539.8,  | 1136.2,    | 1606.9, | 0.0);   |       |             |
| ( 399524.3, | 3817583.2, | 1129.9, | 1606.9, | 0.0); | ( 399515.5, |
| 3817626.7,  | 1125.4,    | 1606.9, | 0.0);   |       |             |
| ( 399506.8, | 3817670.1, | 1133.1, | 1606.9, | 0.0); | ( 399498.1, |
| 3817713.6,  | 1137.3,    | 1606.9, | 0.0);   |       |             |
| ( 399489.4, | 3817757.1, | 1132.7, | 1606.9, | 0.0); | ( 399480.6, |
| 3817800.5,  | 1149.2,    | 1276.5, | 0.0);   |       |             |
| ( 399471.9, | 3817844.0, | 1159.7, | 1276.5, | 0.0); | ( 399463.2, |
| 3817887.5,  | 1171.5,    | 1276.5, | 0.0);   |       |             |
| ( 399454.4, | 3817930.9, | 1185.6, | 1276.5, | 0.0); | ( 399445.7, |
| 3817974.4,  | 1198.6,    | 1276.5, | 0.0);   |       |             |
| ( 399437.0, | 3818017.8, | 1214.9, | 1276.5, | 0.0); | ( 399428.2, |
| 3818061.3,  | 1232.9,    | 1276.5, | 0.0);   |       |             |
| ( 399419.5, | 3818104.8, | 1244.3, | 1244.3, | 0.0); | ( 399410.8, |
| 3818148.2,  | 1244.4,    | 1244.4, | 0.0);   |       |             |
| ( 399402.0, | 3818191.7, | 1241.2, | 1241.2, | 0.0); | ( 399393.3, |
| 3818235.2,  | 1242.0,    | 1276.1, | 0.0);   |       |             |
| ( 399384.6, | 3818278.6, | 1240.8, | 1276.1, | 0.0); | ( 399375.8, |
| 3818322.1,  | 1232.3,    | 1276.5, | 0.0);   |       |             |
| ( 399367.1, | 3818365.6, | 1230.3, | 1276.5, | 0.0); | ( 399358.4, |
| 3818409.0,  | 1241.6,    | 1268.0, | 0.0);   |       |             |
| ( 399349.6, | 3818452.5, | 1248.8, | 1256.8, | 0.0); | ( 399340.9, |
| 3818495.9,  | 1239.5,    | 1268.0, | 0.0);   |       |             |
| ( 399332.2, | 3818539.4, | 1221.5, | 1276.5, | 0.0); | ( 399323.5, |
| 3818582.9,  | 1201.5,    | 1276.5, | 0.0);   |       |             |
| ( 399314.7, | 3818626.3, | 1188.5, | 1276.5, | 0.0); | ( 399306.0, |
| 3818669.8,  | 1176.2,    | 1276.5, | 0.0);   |       |             |
| ( 399297.3, | 3818713.3, | 1158.4, | 1276.5, | 0.0); | ( 399288.5, |
| 3818756.7,  | 1145.8,    | 1276.5, | 0.0);   |       |             |
| ( 399279.8, | 3818800.2, | 1144.3, | 1276.5, | 0.0); | ( 399271.1, |
| 3818843.6,  | 1143.1,    | 1276.5, | 0.0);   |       |             |
| ( 399262.3, | 3818887.1, | 1137.7, | 1276.5, | 0.0); | ( 399253.6, |
| 3818930.6,  | 1126.7,    | 1276.5, | 0.0);   |       |             |
| ( 399244.9, | 3818974.0, | 1119.2, | 1276.5, | 0.0); | ( 399236.1, |
| 3819017.5,  | 1120.0,    | 1276.5, | 0.0);   |       |             |
| ( 398336.1, | 3813951.4, | 1172.6, | 1606.9, | 0.0); | ( 398301.2, |
| 3813924.0,  | 1155.6,    | 1708.3, | 0.0);   |       |             |
| ( 398266.3, | 3813896.7, | 1134.6, | 1708.3, | 0.0); | ( 398231.4, |
| 3813869.3,  | 1116.0,    | 1708.3, | 0.0);   |       |             |
| ( 399187.4, | 3812934.6, | 1164.3, | 2167.9, | 0.0); | ( 399210.0, |
| 3812972.6,  | 1165.8,    | 2167.9, | 0.0);   |       |             |
| ( 399232.6, | 3813010.5, | 1165.4, | 2167.9, | 0.0); | ( 399255.3, |
| 3813048.4,  | 1160.3,    | 2167.9, | 0.0);   |       |             |
| ( 399277.9, | 3813086.3, | 1162.3, | 2167.9, | 0.0); | ( 399300.5, |
| 3813124.2,  | 1163.9,    | 2167.9, | 0.0);   |       |             |
| ( 399323.1, | 3813162.1, | 1169.0, | 2167.9, | 0.0); | ( 399345.7, |
| 3813200.0,  | 1174.1,    | 2167.9, | 0.0);   |       |             |
| ( 399368.3, | 3813237.9, | 1171.1, | 2167.9, | 0.0); | ( 399391.0, |

```

3813275.8, 1165.5, 2167.9, 0.0);
(399413.6, 3813313.8, 1164.2, 2167.9, 0.0); (399436.2,
3813351.7, 1165.2, 2167.9, 0.0);
(399458.8, 3813389.6, 1168.2, 2166.5, 0.0); (399481.4,
3813427.5, 1177.7, 2084.1, 0.0);
(399504.1, 3813465.4, 1183.9, 2084.1, 0.0); (399526.7,
3813503.3, 1184.9, 2084.1, 0.0);
(399549.3, 3813541.2, 1183.1, 2084.1, 0.0); (399571.9,
3813579.1, 1179.6, 2084.1, 0.0);
(399594.5, 3813617.0, 1175.9, 2084.1, 0.0); (399617.1,
3813655.0, 1179.5, 1792.9, 0.0);
(399639.8, 3813692.9, 1185.4, 1792.9, 0.0); (399662.4,
3813730.8, 1196.3, 1708.3, 0.0);
(399685.0, 3813768.7, 1212.1, 1708.3, 0.0); (399707.6,
3813806.6, 1223.0, 1708.3, 0.0);
(399730.2, 3813844.5, 1214.6, 1708.3, 0.0); (399752.8,
3813882.4, 1203.1, 1708.3, 0.0);
(399775.5, 3813920.3, 1203.9, 1708.3, 0.0); (399798.1,
3813958.2, 1211.5, 1708.3, 0.0);
(399820.7, 3813996.2, 1214.2, 1708.3, 0.0); (399843.3,
3814034.1, 1213.3, 1708.3, 0.0);
(399865.9, 3814072.0, 1210.1, 1708.3, 0.0); (399888.6,
3814109.9, 1210.8, 1708.3, 0.0);
(399911.2, 3814147.8, 1213.3, 1606.9, 0.0); (399933.8,
3814185.7, 1215.5, 1606.9, 0.0);
(399956.4, 3814223.6, 1220.5, 1606.9, 0.0); (399979.0,
3814261.5, 1223.2, 1606.9, 0.0);
(400001.6, 3814299.4, 1223.7, 1606.9, 0.0); (400024.3,
3814337.4, 1230.2, 1606.9, 0.0);
(400046.9, 3814375.3, 1240.8, 1606.9, 0.0); (400069.5,
3814413.2, 1249.3, 1606.9, 0.0);
(400092.1, 3814451.1, 1260.9, 1606.9, 0.0); (400114.7,
3814489.0, 1268.4, 1606.9, 0.0);
(400137.3, 3814526.9, 1261.8, 1606.9, 0.0); (400160.0,
3814564.8, 1265.5, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 151

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(400182.6, 3814602.7, 1259.2, 1606.9, 0.0); (400205.2,
3814640.6, 1246.3, 1606.9, 0.0);
(400227.8, 3814678.6, 1262.9, 1606.9, 0.0); (400250.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814716.5,  | 1267.1,    | 1606.9, | 0.0);   |       |             |
| ( 400273.1, | 3814754.4, | 1251.2, | 1606.9, | 0.0); | ( 400295.7, |
| 3814792.3,  | 1244.0,    | 1606.9, | 0.0);   |       |             |
| ( 400318.3, | 3814830.2, | 1235.3, | 1606.9, | 0.0); | ( 400340.9, |
| 3814868.1,  | 1227.1,    | 1606.9, | 0.0);   |       |             |
| ( 400363.5, | 3814906.0, | 1221.6, | 1606.9, | 0.0); | ( 400386.1, |
| 3814943.9,  | 1219.0,    | 1606.9, | 0.0);   |       |             |
| ( 400408.8, | 3814981.8, | 1219.0, | 1606.9, | 0.0); | ( 400431.4, |
| 3815019.8,  | 1207.3,    | 1606.9, | 0.0);   |       |             |
| ( 400454.0, | 3815057.7, | 1193.3, | 1606.9, | 0.0); | ( 400476.6, |
| 3815095.6,  | 1189.3,    | 1606.9, | 0.0);   |       |             |
| ( 400499.2, | 3815133.5, | 1187.3, | 1606.9, | 0.0); | ( 400521.9, |
| 3815171.4,  | 1183.6,    | 1606.9, | 0.0);   |       |             |
| ( 400544.5, | 3815209.3, | 1183.2, | 1606.9, | 0.0); | ( 400567.1, |
| 3815247.2,  | 1183.0,    | 1606.9, | 0.0);   |       |             |
| ( 400589.7, | 3815285.1, | 1187.9, | 1606.9, | 0.0); | ( 400612.3, |
| 3815323.0,  | 1196.5,    | 1606.9, | 0.0);   |       |             |
| ( 400634.9, | 3815360.9, | 1199.0, | 1606.9, | 0.0); | ( 400657.6, |
| 3815398.9,  | 1192.6,    | 1606.9, | 0.0);   |       |             |
| ( 400680.2, | 3815436.8, | 1194.5, | 1606.9, | 0.0); | ( 400702.8, |
| 3815474.7,  | 1198.2,    | 1606.9, | 0.0);   |       |             |
| ( 400725.4, | 3815512.6, | 1198.1, | 1606.9, | 0.0); | ( 400748.0, |
| 3815550.5,  | 1196.9,    | 1606.9, | 0.0);   |       |             |
| ( 400770.6, | 3815588.4, | 1195.3, | 1606.9, | 0.0); | ( 400793.3, |
| 3815626.3,  | 1197.4,    | 1606.9, | 0.0);   |       |             |
| ( 400815.9, | 3815664.2, | 1201.1, | 1606.9, | 0.0); | ( 400838.5, |
| 3815702.1,  | 1208.3,    | 1606.9, | 0.0);   |       |             |
| ( 400861.1, | 3815740.1, | 1217.6, | 1606.9, | 0.0); | ( 400883.7, |
| 3815778.0,  | 1225.4,    | 1606.9, | 0.0);   |       |             |
| ( 400906.4, | 3815815.9, | 1235.6, | 1606.9, | 0.0); | ( 400929.0, |
| 3815853.8,  | 1240.8,    | 1606.9, | 0.0);   |       |             |
| ( 400951.6, | 3815891.7, | 1245.2, | 1606.9, | 0.0); | ( 400974.2, |
| 3815929.6,  | 1252.5,    | 1606.9, | 0.0);   |       |             |
| ( 400996.8, | 3815967.5, | 1262.2, | 1606.9, | 0.0); | ( 401019.4, |
| 3816005.4,  | 1275.6,    | 1606.9, | 0.0);   |       |             |
| ( 401042.1, | 3816043.3, | 1290.2, | 1606.9, | 0.0); | ( 401064.7, |
| 3816081.3,  | 1305.2,    | 1606.9, | 0.0);   |       |             |
| ( 401083.0, | 3816140.8, | 1294.9, | 1606.9, | 0.0); | ( 401074.2, |
| 3816184.1,  | 1282.6,    | 1606.9, | 0.0);   |       |             |
| ( 401065.6, | 3816227.4, | 1281.5, | 1606.9, | 0.0); | ( 401056.9, |
| 3816270.7,  | 1272.4,    | 1606.9, | 0.0);   |       |             |
| ( 401048.2, | 3816313.9, | 1266.8, | 1606.9, | 0.0); | ( 401039.5, |
| 3816357.2,  | 1267.9,    | 1606.9, | 0.0);   |       |             |
| ( 401030.8, | 3816400.5, | 1264.8, | 1606.9, | 0.0); | ( 401022.1, |
| 3816443.8,  | 1260.3,    | 1606.9, | 0.0);   |       |             |
| ( 401013.4, | 3816487.1, | 1254.8, | 1606.9, | 0.0); | ( 401004.7, |
| 3816530.3,  | 1247.1,    | 1606.9, | 0.0);   |       |             |
| ( 400996.0, | 3816573.6, | 1234.4, | 1606.9, | 0.0); | ( 400987.3, |
| 3816616.9,  | 1220.4,    | 1606.9, | 0.0);   |       |             |
| ( 400978.6, | 3816660.2, | 1211.6, | 1606.9, | 0.0); | ( 400969.9, |

```

3816703.5, 1207.9, 1606.9, 0.0);
(400961.2, 3816746.7, 1213.1, 1606.9, 0.0); (400952.5,
3816790.0, 1220.2, 1606.9, 0.0);
(400943.8, 3816833.3, 1217.5, 1606.9, 0.0); (400935.1,
3816876.6, 1212.6, 1606.9, 0.0);
(400926.4, 3816919.9, 1211.1, 1606.9, 0.0); (400917.7,
3816963.1, 1207.4, 1606.9, 0.0);
(400909.0, 3817006.4, 1201.6, 1606.9, 0.0); (400900.3,
3817049.7, 1189.5, 1606.9, 0.0);
(400891.6, 3817093.0, 1179.9, 1606.9, 0.0); (400883.0,
3817136.3, 1184.7, 1606.9, 0.0);
(400874.3, 3817179.5, 1190.6, 1606.9, 0.0); (400865.6,
3817222.8, 1183.8, 1606.9, 0.0);
(400856.9, 3817266.1, 1172.9, 1606.9, 0.0); (400848.2,
3817309.4, 1162.0, 1606.9, 0.0);
(400839.5, 3817352.7, 1158.2, 1606.9, 0.0); (400830.8,
3817395.9, 1160.0, 1606.9, 0.0);
(400822.1, 3817439.2, 1158.9, 1606.9, 0.0); (400813.4,
3817482.5, 1149.4, 1606.9, 0.0);
(400804.7, 3817525.8, 1143.4, 1606.9, 0.0); (400796.0,
3817569.1, 1146.6, 1606.9, 0.0);
(400787.3, 3817612.3, 1153.9, 1606.9, 0.0); (400778.6,
3817655.6, 1153.3, 1606.9, 0.0);
(400769.9, 3817698.9, 1141.6, 1606.9, 0.0); (400761.2,
3817742.2, 1127.9, 1606.9, 0.0);
(400752.5, 3817785.5, 1131.9, 1606.9, 0.0); (400743.8,
3817828.8, 1142.1, 1606.9, 0.0);
(400735.1, 3817872.0, 1152.4, 1606.9, 0.0); (400726.5,
3817915.3, 1162.8, 1606.9, 0.0);
(400717.8, 3817958.6, 1167.2, 1606.9, 0.0); (400709.0,
3818001.9, 1168.9, 1540.1, 0.0);
(400700.4, 3818045.2, 1169.6, 1539.0, 0.0); (400691.7,
3818088.4, 1169.3, 1199.7, 0.0);
(400683.0, 3818131.7, 1165.1, 1199.7, 0.0); (400674.3,
3818175.0, 1155.5, 1540.1, 0.0);
(400665.6, 3818218.3, 1154.3, 1540.1, 0.0); (400656.9,
3818261.6, 1156.5, 1199.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 152

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(400648.2, 3818304.8, 1155.5, 1199.7, 0.0); (400639.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818348.1,  | 1150.4,    | 1199.7, | 0.0);   |       |             |
| ( 400630.8, | 3818391.4, | 1141.9, | 1199.7, | 0.0); | ( 400622.1, |
| 3818434.7,  | 1135.6,    | 1539.0, | 0.0);   |       |             |
| ( 400613.4, | 3818478.0, | 1133.5, | 1241.0, | 0.0); | ( 400604.7, |
| 3818521.2,  | 1115.8,    | 1540.1, | 0.0);   |       |             |
| ( 400596.0, | 3818564.5, | 1105.5, | 1606.9, | 0.0); | ( 400587.3, |
| 3818607.8,  | 1104.2,    | 1606.3, | 0.0);   |       |             |
| ( 400578.6, | 3818651.1, | 1102.3, | 1540.1, | 0.0); | ( 400569.9, |
| 3818694.4,  | 1100.0,    | 1540.1, | 0.0);   |       |             |
| ( 400561.2, | 3818737.6, | 1093.5, | 1540.1, | 0.0); | ( 400552.5, |
| 3818780.9,  | 1084.2,    | 1606.9, | 0.0);   |       |             |
| ( 400543.8, | 3818824.2, | 1079.0, | 1606.9, | 0.0); | ( 400535.1, |
| 3818867.5,  | 1076.5,    | 1606.9, | 0.0);   |       |             |
| ( 400526.5, | 3818910.8, | 1074.8, | 1540.1, | 0.0); | ( 400517.8, |
| 3818954.0,  | 1075.6,    | 1540.1, | 0.0);   |       |             |
| ( 400509.1, | 3818997.3, | 1073.4, | 1540.1, | 0.0); | ( 400500.4, |
| 3819040.6,  | 1068.3,    | 1540.1, | 0.0);   |       |             |
| ( 400491.7, | 3819083.9, | 1067.3, | 1540.1, | 0.0); | ( 400483.0, |
| 3819127.2,  | 1073.2,    | 1540.1, | 0.0);   |       |             |
| ( 400474.3, | 3819170.4, | 1076.8, | 1276.5, | 0.0); | ( 400465.6, |
| 3819213.7,  | 1076.2,    | 1276.5, | 0.0);   |       |             |
| ( 400456.9, | 3819257.0, | 1066.8, | 1276.5, | 0.0); | ( 400448.2, |
| 3819300.3,  | 1056.4,    | 1540.1, | 0.0);   |       |             |
| ( 400439.5, | 3819343.6, | 1048.7, | 1540.1, | 0.0); | ( 400430.8, |
| 3819386.8,  | 1040.0,    | 1540.1, | 0.0);   |       |             |
| ( 400422.1, | 3819430.1, | 1032.1, | 1540.1, | 0.0); | ( 400413.4, |
| 3819473.4,  | 1027.3,    | 1540.1, | 0.0);   |       |             |
| ( 400404.7, | 3819516.7, | 1019.3, | 1540.1, | 0.0); | ( 400396.0, |
| 3819560.0,  | 1008.9,    | 1540.1, | 0.0);   |       |             |
| ( 400387.3, | 3819603.3, | 1005.6, | 1540.1, | 0.0); | ( 400378.6, |
| 3819646.5,  | 1004.3,    | 1540.1, | 0.0);   |       |             |
| ( 400369.9, | 3819689.8, | 1005.5, | 1540.1, | 0.0); | ( 400361.2, |
| 3819733.1,  | 1006.8,    | 1540.1, | 0.0);   |       |             |
| ( 399158.6, | 3812902.0, | 1167.1, | 2167.9, | 0.0); | ( 399123.8, |
| 3812874.7,  | 1166.2,    | 2167.9, | 0.0);   |       |             |
| ( 399088.8, | 3812847.3, | 1165.2, | 2167.9, | 0.0); | ( 399054.0, |
| 3812819.9,  | 1162.5,    | 2167.9, | 0.0);   |       |             |
| ( 400010.0, | 3811885.3, | 1233.8, | 2167.9, | 0.0); | ( 400032.6, |
| 3811923.3,  | 1243.7,    | 2167.9, | 0.0);   |       |             |
| ( 400055.3, | 3811961.3, | 1261.4, | 2167.9, | 0.0); | ( 400078.0, |
| 3811999.3,  | 1275.3,    | 2167.9, | 0.0);   |       |             |
| ( 400100.6, | 3812037.3, | 1275.8, | 2167.9, | 0.0); | ( 400123.3, |
| 3812075.3,  | 1272.0,    | 2167.9, | 0.0);   |       |             |
| ( 400146.0, | 3812113.3, | 1276.2, | 2167.9, | 0.0); | ( 400168.6, |
| 3812151.3,  | 1282.7,    | 2167.9, | 0.0);   |       |             |
| ( 400191.3, | 3812189.3, | 1280.1, | 2167.9, | 0.0); | ( 400214.0, |
| 3812227.2,  | 1289.9,    | 2167.9, | 0.0);   |       |             |
| ( 400236.6, | 3812265.2, | 1304.6, | 2166.5, | 0.0); | ( 400259.3, |
| 3812303.2,  | 1325.5,    | 2084.1, | 0.0);   |       |             |
| ( 400282.0, | 3812341.2, | 1342.4, | 1708.3, | 0.0); | ( 400304.6, |

```

3812379.2, 1344.8, 1708.3, 0.0);
(400327.3, 3812417.2, 1343.3, 1708.3, 0.0); (400350.0,
3812455.2, 1350.9, 1708.3, 0.0);
(400372.6, 3812493.2, 1357.4, 1708.3, 0.0); (400395.3,
3812531.2, 1358.5, 1708.3, 0.0);
(400418.0, 3812569.2, 1364.4, 1708.3, 0.0); (400440.7,
3812607.2, 1347.7, 1708.3, 0.0);
(400463.3, 3812645.2, 1326.4, 1708.3, 0.0); (400486.0,
3812683.2, 1308.6, 1792.9, 0.0);
(400508.7, 3812721.2, 1295.6, 2084.1, 0.0); (400531.3,
3812759.2, 1288.1, 2084.1, 0.0);
(400554.0, 3812797.2, 1281.6, 2084.1, 0.0); (400576.7,
3812835.2, 1275.9, 2084.1, 0.0);
(400599.3, 3812873.2, 1280.0, 2084.1, 0.0); (400622.0,
3812911.2, 1276.1, 2084.1, 0.0);
(400644.7, 3812949.2, 1268.8, 2084.1, 0.0); (400667.3,
3812987.2, 1277.5, 2084.1, 0.0);
(400690.0, 3813025.2, 1290.5, 1792.9, 0.0); (400712.7,
3813063.2, 1302.2, 1708.3, 0.0);
(400735.3, 3813101.1, 1309.4, 1708.3, 0.0); (400758.0,
3813139.1, 1306.0, 1708.3, 0.0);
(400780.7, 3813177.1, 1291.4, 1708.3, 0.0); (400803.3,
3813215.1, 1282.2, 1792.9, 0.0);
(400826.0, 3813253.1, 1286.1, 1708.3, 0.0); (400848.7,
3813291.1, 1294.5, 1708.3, 0.0);
(400871.3, 3813329.1, 1304.8, 1708.3, 0.0); (400894.0,
3813367.1, 1318.6, 1606.9, 0.0);
(400916.7, 3813405.1, 1333.4, 1606.9, 0.0); (400939.4,
3813443.1, 1351.6, 1606.9, 0.0);
(400962.0, 3813481.1, 1375.3, 1606.9, 0.0); (400984.7,
3813519.1, 1397.5, 1606.9, 0.0);
(401007.4, 3813557.1, 1404.3, 1606.9, 0.0); (401030.0,
3813595.1, 1391.0, 1606.9, 0.0);
(401052.7, 3813633.1, 1367.6, 1606.9, 0.0); (401075.4,
3813671.1, 1340.6, 1606.9, 0.0);
(401098.0, 3813709.1, 1336.2, 1606.9, 0.0); (401120.7,
3813747.1, 1348.6, 1606.9, 0.0);
(401143.4, 3813785.1, 1348.5, 1606.9, 0.0); (401166.0,
3813823.1, 1357.6, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 153

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)



|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 401188.7, 3813861.1, 1371.9, 1606.9, | 0.0); | ( 401211.4, |
| 3813899.1, 1388.3, 1606.9, 0.0);       |       |             |
| ( 401234.0, 3813937.1, 1409.4, 1606.9, | 0.0); | ( 401256.7, |
| 3813975.0, 1433.9, 1606.9, 0.0);       |       |             |
| ( 401279.4, 3814013.0, 1445.6, 1606.9, | 0.0); | ( 401302.0, |
| 3814051.0, 1438.1, 1606.9, 0.0);       |       |             |
| ( 401324.7, 3814089.0, 1430.0, 1606.9, | 0.0); | ( 401347.4, |
| 3814127.0, 1422.4, 1606.9, 0.0);       |       |             |
| ( 401370.0, 3814165.0, 1411.1, 1606.9, | 0.0); | ( 401392.7, |
| 3814203.0, 1397.7, 1606.9, 0.0);       |       |             |
| ( 401415.4, 3814241.0, 1388.3, 1606.9, | 0.0); | ( 401438.0, |
| 3814279.0, 1382.0, 1606.9, 0.0);       |       |             |
| ( 401460.7, 3814317.0, 1361.6, 1606.9, | 0.0); | ( 401483.4, |
| 3814355.0, 1336.1, 1606.9, 0.0);       |       |             |
| ( 401506.1, 3814393.0, 1321.8, 1606.9, | 0.0); | ( 401528.7, |
| 3814431.0, 1317.8, 1606.9, 0.0);       |       |             |
| ( 401551.4, 3814469.0, 1325.3, 1606.9, | 0.0); | ( 401574.1, |
| 3814507.0, 1316.6, 1606.9, 0.0);       |       |             |
| ( 401596.7, 3814545.0, 1314.2, 1606.9, | 0.0); | ( 401619.4, |
| 3814583.0, 1324.3, 1606.9, 0.0);       |       |             |
| ( 401642.1, 3814621.0, 1341.9, 1606.9, | 0.0); | ( 401664.7, |
| 3814659.0, 1345.5, 1606.9, 0.0);       |       |             |
| ( 401687.4, 3814697.0, 1344.0, 1606.9, | 0.0); | ( 401710.1, |
| 3814735.0, 1336.5, 1606.9, 0.0);       |       |             |
| ( 401732.7, 3814773.0, 1326.8, 1606.9, | 0.0); | ( 401755.4, |
| 3814810.9, 1319.3, 1606.9, 0.0);       |       |             |
| ( 401778.1, 3814848.9, 1330.2, 1606.9, | 0.0); | ( 401800.7, |
| 3814886.9, 1344.3, 1606.9, 0.0);       |       |             |
| ( 401823.4, 3814924.9, 1346.3, 1606.9, | 0.0); | ( 401846.1, |
| 3814962.9, 1336.3, 1606.9, 0.0);       |       |             |
| ( 401868.8, 3815000.9, 1324.0, 1606.9, | 0.0); | ( 401891.4, |
| 3815038.9, 1310.6, 1606.9, 0.0);       |       |             |
| ( 401914.1, 3815076.9, 1298.1, 1606.9, | 0.0); | ( 401936.8, |
| 3815114.9, 1290.8, 1606.9, 0.0);       |       |             |
| ( 401959.4, 3815152.9, 1289.0, 1606.9, | 0.0); | ( 401982.1, |
| 3815190.9, 1291.5, 1606.9, 0.0);       |       |             |
| ( 402004.8, 3815228.9, 1283.3, 1606.9, | 0.0); | ( 402027.4, |
| 3815266.9, 1290.6, 1606.9, 0.0);       |       |             |
| ( 402050.1, 3815304.9, 1291.4, 1606.9, | 0.0); | ( 402072.8, |
| 3815342.9, 1296.4, 1606.9, 0.0);       |       |             |
| ( 402095.4, 3815380.9, 1296.5, 1606.9, | 0.0); | ( 402118.1, |
| 3815418.9, 1287.3, 1606.9, 0.0);       |       |             |
| ( 402140.8, 3815456.9, 1273.7, 1606.9, | 0.0); | ( 402163.4, |
| 3815494.9, 1276.8, 1606.9, 0.0);       |       |             |
| ( 402186.1, 3815532.9, 1284.0, 1606.9, | 0.0); | ( 402208.8, |
| 3815570.9, 1280.2, 1606.9, 0.0);       |       |             |
| ( 402231.4, 3815608.9, 1284.0, 1606.9, | 0.0); | ( 402254.1, |
| 3815646.9, 1288.3, 1606.9, 0.0);       |       |             |
| ( 402276.8, 3815684.8, 1270.2, 1606.9, | 0.0); | ( 402299.4, |

```

3815722.8, 1251.5, 1606.9, 0.0);
(402322.1, 3815760.8, 1255.8, 1606.9, 0.0); (402344.8,
3815798.8, 1259.5, 1606.9, 0.0);
(402367.5, 3815836.8, 1248.8, 1606.9, 0.0); (402390.1,
3815874.8, 1263.8, 1606.9, 0.0);
(402397.1, 3815915.5, 1274.4, 1606.9, 0.0); (402388.4,
3815958.9, 1276.6, 1606.9, 0.0);
(402379.7, 3816002.3, 1268.7, 1606.9, 0.0); (402371.0,
3816045.6, 1261.2, 1606.9, 0.0);
(402362.2, 3816089.0, 1255.3, 1606.9, 0.0); (402353.5,
3816132.4, 1235.1, 1606.9, 0.0);
(402344.8, 3816175.8, 1219.8, 1606.9, 0.0); (402336.1,
3816219.2, 1215.8, 1606.9, 0.0);
(402327.4, 3816262.5, 1210.1, 1606.9, 0.0); (402318.7,
3816305.9, 1214.0, 1606.9, 0.0);
(402310.0, 3816349.3, 1223.4, 1606.9, 0.0); (402301.2,
3816392.7, 1218.8, 1606.9, 0.0);
(402292.5, 3816436.0, 1208.5, 1606.9, 0.0); (402283.8,
3816479.4, 1204.9, 1606.9, 0.0);
(402275.1, 3816522.8, 1202.0, 1606.9, 0.0); (402266.4,
3816566.2, 1199.0, 1606.9, 0.0);
(402257.7, 3816609.5, 1189.8, 1606.9, 0.0); (402248.9,
3816652.9, 1182.7, 1606.9, 0.0);
(402240.2, 3816696.3, 1173.5, 1606.9, 0.0); (402231.5,
3816739.7, 1166.2, 1606.9, 0.0);
(402222.8, 3816783.1, 1162.4, 1606.9, 0.0); (402214.1,
3816826.4, 1158.3, 1606.9, 0.0);
(402205.4, 3816869.8, 1153.4, 1606.9, 0.0); (402196.7,
3816913.2, 1150.2, 1606.9, 0.0);
(402187.9, 3816956.6, 1148.0, 1606.9, 0.0); (402179.2,
3816999.9, 1146.7, 1606.9, 0.0);
(402170.5, 3817043.3, 1145.3, 1606.9, 0.0); (402161.8,
3817086.7, 1142.0, 1606.9, 0.0);
(402153.1, 3817130.1, 1141.2, 1606.9, 0.0); (402144.4,
3817173.4, 1142.0, 1606.9, 0.0);
(402135.6, 3817216.8, 1140.3, 1606.9, 0.0); (402126.9,
3817260.2, 1137.6, 1606.9, 0.0);
(402118.2, 3817303.6, 1132.5, 1606.9, 0.0); (402109.5,
3817347.0, 1126.0, 1606.9, 0.0);
(402100.8, 3817390.3, 1125.5, 1606.9, 0.0); (402092.1,
3817433.7, 1121.4, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 154

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
| ( 402083.4, 3817477.1, 1117.1, 1606.9, 0.0); | ( 402074.6, 3817520.5, 1110.0, 1606.9, 0.0); |
| ( 402065.9, 3817563.8, 1106.4, 1606.9, 0.0); | ( 402057.2, 3817607.2, 1107.3, 1606.9, 0.0); |
| ( 402048.5, 3817650.6, 1119.7, 1606.9, 0.0); | ( 402039.8, 3817694.0, 1127.9, 1606.9, 0.0); |
| ( 402031.1, 3817737.3, 1132.2, 1606.9, 0.0); | ( 402022.4, 3817780.7, 1131.2, 1606.9, 0.0); |
| ( 402013.6, 3817824.1, 1128.1, 1606.9, 0.0); | ( 402004.9, 3817867.5, 1121.1, 1606.9, 0.0); |
| ( 401996.2, 3817910.9, 1109.2, 1606.9, 0.0); | ( 401987.5, 3817954.2, 1096.9, 1606.9, 0.0); |
| ( 401978.8, 3817997.6, 1088.8, 1606.9, 0.0); | ( 401970.1, 3818041.0, 1090.2, 1606.9, 0.0); |
| ( 401961.4, 3818084.4, 1092.1, 1606.9, 0.0); | ( 401952.6, 3818127.7, 1091.5, 1606.9, 0.0); |
| ( 401943.9, 3818171.1, 1090.8, 1606.9, 0.0); | ( 401935.2, 3818214.5, 1087.7, 1606.9, 0.0); |
| ( 401926.5, 3818257.9, 1083.2, 1606.9, 0.0); | ( 401917.8, 3818301.2, 1082.5, 1606.9, 0.0); |
| ( 401909.1, 3818344.6, 1081.4, 1606.9, 0.0); | ( 401900.4, 3818388.0, 1082.8, 1606.9, 0.0); |
| ( 401891.6, 3818431.4, 1085.0, 1606.9, 0.0); | ( 401882.9, 3818474.8, 1083.4, 1606.9, 0.0); |
| ( 401874.2, 3818518.1, 1080.4, 1606.9, 0.0); | ( 401865.5, 3818561.5, 1074.8, 1606.9, 0.0); |
| ( 401856.8, 3818604.9, 1067.2, 1606.9, 0.0); | ( 401848.1, 3818648.3, 1061.0, 1606.9, 0.0); |
| ( 401839.4, 3818691.6, 1057.4, 1606.9, 0.0); | ( 401830.6, 3818735.0, 1058.3, 1606.9, 0.0); |
| ( 401821.9, 3818778.4, 1058.0, 1606.9, 0.0); | ( 401813.2, 3818821.8, 1043.0, 1606.9, 0.0); |
| ( 401804.5, 3818865.1, 1033.8, 1606.9, 0.0); | ( 401795.8, 3818908.5, 1030.5, 1606.9, 0.0); |
| ( 401787.1, 3818951.9, 1029.3, 1606.9, 0.0); | ( 401778.3, 3818995.3, 1029.2, 1606.9, 0.0); |
| ( 401769.6, 3819038.7, 1033.3, 1606.9, 0.0); | ( 401760.9, 3819082.0, 1033.6, 1606.9, 0.0); |
| ( 401752.2, 3819125.4, 1031.0, 1606.9, 0.0); | ( 401743.5, 3819168.8, 1030.0, 1606.9, 0.0); |
| ( 401734.8, 3819212.2, 1030.7, 1606.9, 0.0); | ( 401726.1, 3819255.5, 1030.4, 1606.9, 0.0); |
| ( 401717.3, 3819298.9, 1030.0, 1606.9, 0.0); | ( 401708.6, 3819342.3, 1028.0, 1606.9, 0.0); |
| ( 401699.9, 3819385.7, 1024.4, 1606.9, 0.0); | ( 401691.2, 3819429.0, 1021.4, 1606.9, 0.0); |
| ( 401682.5, 3819472.4, 1018.4, 1606.9, 0.0); | ( 401673.8, 3819559.0, 1015.0, 1606.9, 0.0); |

```

3819515.8, 1015.5, 1606.9, 0.0);
(401665.1, 3819559.2, 1014.2, 1606.9, 0.0); (401656.3,
3819602.6, 1013.4, 1606.9, 0.0);
(401647.6, 3819645.9, 1011.7, 1606.9, 0.0); (401638.9,
3819689.3, 1009.3, 1606.9, 0.0);
(401630.2, 3819732.7, 1006.8, 1606.3, 0.0); (401621.5,
3819776.1, 1005.3, 1552.7, 0.0);
(401612.8, 3819819.4, 1003.9, 1552.7, 0.0); (401604.1,
3819862.8, 1001.9, 1552.7, 0.0);
(401595.3, 3819906.2, 999.7, 1552.7, 0.0); (401586.6,
3819949.6, 997.3, 1552.7, 0.0);
(401577.9, 3819993.0, 992.2, 1552.7, 0.0); (401569.2,
3820036.3, 982.1, 1552.7, 0.0);
(401560.5, 3820079.7, 977.6, 1552.7, 0.0); (401551.8,
3820123.1, 977.1, 1552.7, 0.0);
(401543.1, 3820166.5, 977.5, 1552.7, 0.0); (401534.3,
3820209.8, 974.5, 1540.1, 0.0);
(401525.6, 3820253.2, 971.3, 1540.1, 0.0); (401516.9,
3820296.6, 966.8, 1540.1, 0.0);
(401508.2, 3820340.0, 962.3, 1540.1, 0.0); (401499.5,
3820383.3, 961.3, 1540.1, 0.0);
(401490.8, 3820426.7, 963.2, 1540.1, 0.0); (399981.2,
3811852.6, 1227.0, 2167.9, 0.0);
(399946.3, 3811825.3, 1221.1, 2167.9, 0.0); (399911.4,
3811797.9, 1216.9, 2167.9, 0.0);
(399876.5, 3811770.5, 1214.1, 2167.9, 0.0); (400832.5,
3810835.9, 1337.4, 2167.9, 0.0);
(400855.2, 3810874.0, 1332.1, 2167.9, 0.0); (400877.9,
3810912.0, 1332.1, 2167.9, 0.0);
(400900.6, 3810950.1, 1327.6, 2167.9, 0.0); (400923.3,
3810988.1, 1323.8, 2167.9, 0.0);
(400946.0, 3811026.2, 1320.0, 2167.9, 0.0); (400968.7,
3811064.2, 1311.1, 2167.9, 0.0);
(400991.4, 3811102.3, 1302.9, 2167.9, 0.0); (401014.1,
3811140.3, 1300.2, 2167.9, 0.0);
(401036.8, 3811178.4, 1293.9, 2167.9, 0.0); (401059.5,
3811216.4, 1286.4, 2167.9, 0.0);
(401082.2, 3811254.5, 1284.7, 2167.9, 0.0); (401104.9,
3811292.5, 1287.6, 2167.9, 0.0);
(401127.6, 3811330.6, 1287.4, 2167.9, 0.0); (401150.3,
3811368.6, 1283.3, 2167.9, 0.0);
(401173.0, 3811406.7, 1280.7, 2167.9, 0.0); (401195.7,
3811444.8, 1287.7, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
| ( 401218.4, 3811482.8, 1298.2, 2167.9, 0.0); | ( 401241.1, 3811520.9, 1314.1, 2167.9, 0.0); |
| ( 401263.8, 3811558.9, 1324.0, 2167.9, 0.0); | ( 401286.5, 3811597.0, 1313.2, 2167.9, 0.0); |
| ( 401309.2, 3811635.0, 1296.5, 2167.9, 0.0); | ( 401331.9, 3811673.1, 1290.4, 2167.9, 0.0); |
| ( 401354.6, 3811711.1, 1292.0, 2167.9, 0.0); | ( 401377.3, 3811749.2, 1294.2, 2167.9, 0.0); |
| ( 401400.0, 3811787.2, 1297.0, 2167.9, 0.0); | ( 401422.8, 3811825.3, 1300.2, 2167.9, 0.0); |
| ( 401445.5, 3811863.3, 1305.8, 2167.9, 0.0); | ( 401468.1, 3811901.4, 1313.9, 2167.9, 0.0); |
| ( 401490.8, 3811939.4, 1319.7, 2167.9, 0.0); | ( 401513.5, 3811977.5, 1324.9, 2167.9, 0.0); |
| ( 401536.2, 3812015.5, 1327.8, 2167.9, 0.0); | ( 401559.0, 3812053.6, 1334.6, 2167.9, 0.0); |
| ( 401581.7, 3812091.6, 1341.3, 2167.9, 0.0); | ( 401604.4, 3812129.7, 1350.1, 2167.9, 0.0); |
| ( 401627.1, 3812167.7, 1360.4, 2167.9, 0.0); | ( 401649.8, 3812205.8, 1372.1, 2167.9, 0.0); |
| ( 401672.5, 3812243.8, 1376.9, 2084.1, 0.0); | ( 401695.2, 3812281.9, 1383.1, 1792.9, 0.0); |
| ( 401717.9, 3812319.9, 1389.1, 1792.9, 0.0); | ( 401740.6, 3812358.0, 1394.4, 1792.9, 0.0); |
| ( 401763.3, 3812396.0, 1408.0, 1708.3, 0.0); | ( 401786.0, 3812434.1, 1430.1, 1606.9, 0.0); |
| ( 401808.7, 3812472.1, 1451.3, 1606.9, 0.0); | ( 401831.4, 3812510.2, 1467.4, 1606.9, 0.0); |
| ( 401854.1, 3812548.2, 1476.1, 1606.9, 0.0); | ( 401876.8, 3812586.3, 1465.1, 1606.9, 0.0); |
| ( 401899.5, 3812624.3, 1448.0, 1606.9, 0.0); | ( 401922.2, 3812662.4, 1434.5, 1606.9, 0.0); |
| ( 401944.9, 3812700.5, 1422.5, 1606.9, 0.0); | ( 401967.6, 3812738.5, 1426.5, 1606.9, 0.0); |
| ( 401990.3, 3812776.6, 1451.2, 1606.9, 0.0); | ( 402013.0, 3812814.6, 1465.6, 1606.9, 0.0); |
| ( 402035.7, 3812852.7, 1460.2, 1606.9, 0.0); | ( 402058.4, 3812890.7, 1439.0, 1606.9, 0.0); |
| ( 402081.1, 3812928.8, 1412.8, 1606.9, 0.0); | ( 402103.8, 3812966.8, 1395.4, 1606.9, 0.0); |
| ( 402126.5, 3813004.9, 1392.0, 1606.9, 0.0); | ( 402149.2, 3813042.9, 1400.4, 1606.9, 0.0); |
| ( 402171.9, 3813081.0, 1390.2, 1606.9, 0.0); | ( 402194.6, 3813119.0, 1367.0, 1606.9, 0.0); |
| ( 402217.3, 3813157.1, 1353.5, 1606.9, 0.0); | ( 402240.0, 3813193.2, 1340.0, 1606.9, 0.0); |

```

3813195.1, 1376.6, 1606.9, 0.0);
(402262.7, 3813233.2, 1391.4, 1606.9, 0.0); (402285.4,
3813271.2, 1388.5, 1606.9, 0.0);
(402308.1, 3813309.3, 1382.7, 1606.9, 0.0); (402330.8,
3813347.3, 1382.7, 1606.9, 0.0);
(402353.5, 3813385.4, 1389.9, 1606.9, 0.0); (402376.2,
3813423.4, 1415.4, 1606.9, 0.0);
(402398.9, 3813461.5, 1441.3, 1606.9, 0.0); (402421.6,
3813499.5, 1463.2, 1606.9, 0.0);
(402444.3, 3813537.6, 1469.9, 1606.9, 0.0); (402467.0,
3813575.6, 1470.6, 1606.9, 0.0);
(402489.7, 3813613.7, 1457.1, 1606.9, 0.0); (402512.4,
3813651.8, 1432.3, 1606.9, 0.0);
(402535.1, 3813689.8, 1403.6, 1606.9, 0.0); (402557.8,
3813727.8, 1403.3, 1606.9, 0.0);
(402580.5, 3813765.9, 1415.9, 1606.9, 0.0); (402603.2,
3813803.9, 1425.1, 1606.9, 0.0);
(402625.9, 3813842.0, 1431.0, 1606.9, 0.0); (402648.6,
3813880.1, 1424.1, 1606.9, 0.0);
(402671.3, 3813918.1, 1399.5, 1606.9, 0.0); (402694.0,
3813956.2, 1368.5, 1606.9, 0.0);
(402716.7, 3813994.2, 1356.7, 1606.9, 0.0); (402739.4,
3814032.3, 1367.8, 1606.9, 0.0);
(402762.1, 3814070.3, 1380.9, 1606.9, 0.0); (402784.8,
3814108.4, 1380.0, 1606.9, 0.0);
(402807.5, 3814146.4, 1387.6, 1606.9, 0.0); (402830.2,
3814184.5, 1404.0, 1606.9, 0.0);
(402852.9, 3814222.5, 1400.8, 1606.9, 0.0); (402875.6,
3814260.6, 1411.9, 1606.9, 0.0);
(402898.3, 3814298.6, 1437.6, 1606.9, 0.0); (402921.0,
3814336.7, 1461.1, 1606.9, 0.0);
(402943.8, 3814374.7, 1470.9, 1606.9, 0.0); (402966.5,
3814412.8, 1476.7, 1606.3, 0.0);
(402989.1, 3814450.8, 1487.0, 1552.7, 0.0); (403011.8,
3814488.9, 1510.6, 1552.7, 0.0);
(403034.6, 3814526.9, 1533.6, 1552.7, 0.0); (403057.3,
3814565.0, 1543.3, 1545.6, 0.0);
(403080.0, 3814603.0, 1537.1, 1547.0, 0.0); (403102.7,
3814641.1, 1530.2, 1552.7, 0.0);
(403125.4, 3814679.1, 1520.2, 1552.7, 0.0); (403148.1,
3814717.2, 1507.6, 1552.7, 0.0);
(403170.8, 3814755.2, 1500.0, 1552.7, 0.0); (403193.5,
3814793.3, 1491.6, 1552.7, 0.0);
(403216.2, 3814831.3, 1475.9, 1552.7, 0.0); (403238.9,
3814869.4, 1460.0, 1552.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 403261.6, 3814907.4, 1466.5, 1552.7, 0.0); | ( 403284.3, |
| 3814945.5, 1486.5, 1552.7, 0.0);             |             |
| ( 403307.0, 3814983.5, 1489.3, 1552.7, 0.0); | ( 403329.7, |
| 3815021.6, 1481.9, 1552.7, 0.0);             |             |
| ( 403352.4, 3815059.7, 1478.6, 1552.7, 0.0); | ( 403375.1, |
| 3815097.7, 1475.9, 1552.7, 0.0);             |             |
| ( 403397.8, 3815135.8, 1469.0, 1552.7, 0.0); | ( 403420.5, |
| 3815173.8, 1471.9, 1552.7, 0.0);             |             |
| ( 403443.2, 3815211.9, 1477.0, 1540.1, 0.0); | ( 403465.9, |
| 3815249.9, 1464.6, 1547.0, 0.0);             |             |
| ( 403488.6, 3815288.0, 1461.6, 1547.0, 0.0); | ( 403511.3, |
| 3815326.0, 1478.4, 1540.1, 0.0);             |             |
| ( 403534.0, 3815364.1, 1495.1, 1540.1, 0.0); | ( 403556.7, |
| 3815402.1, 1501.0, 1540.1, 0.0);             |             |
| ( 403579.4, 3815440.2, 1490.8, 1540.1, 0.0); | ( 403602.1, |
| 3815478.2, 1471.3, 1540.1, 0.0);             |             |
| ( 403624.8, 3815516.3, 1457.6, 1540.1, 0.0); | ( 403647.5, |
| 3815554.3, 1459.9, 1540.1, 0.0);             |             |
| ( 403670.2, 3815592.4, 1463.9, 1540.1, 0.0); | ( 403692.9, |
| 3815630.4, 1457.2, 1540.1, 0.0);             |             |
| ( 403711.2, 3815690.2, 1430.9, 1540.1, 0.0); | ( 403702.5, |
| 3815733.6, 1414.5, 1540.1, 0.0);             |             |
| ( 403693.8, 3815777.1, 1395.9, 1552.7, 0.0); | ( 403685.1, |
| 3815820.5, 1374.9, 1552.7, 0.0);             |             |
| ( 403676.3, 3815864.0, 1364.1, 1552.7, 0.0); | ( 403667.6, |
| 3815907.4, 1361.8, 1552.7, 0.0);             |             |
| ( 403658.9, 3815950.8, 1353.2, 1552.7, 0.0); | ( 403650.1, |
| 3815994.3, 1340.7, 1552.7, 0.0);             |             |
| ( 403641.4, 3816037.7, 1326.2, 1552.7, 0.0); | ( 403632.7, |
| 3816081.2, 1311.5, 1606.3, 0.0);             |             |
| ( 403624.0, 3816124.6, 1314.2, 1596.2, 0.0); | ( 403615.2, |
| 3816168.0, 1328.5, 1552.7, 0.0);             |             |
| ( 403606.5, 3816211.5, 1330.5, 1552.7, 0.0); | ( 403597.8, |
| 3816254.9, 1324.4, 1552.7, 0.0);             |             |
| ( 403589.0, 3816298.4, 1315.7, 1552.7, 0.0); | ( 403580.3, |
| 3816341.8, 1306.5, 1552.7, 0.0);             |             |
| ( 403571.6, 3816385.3, 1299.0, 1552.7, 0.0); | ( 403562.9, |
| 3816428.7, 1300.1, 1552.7, 0.0);             |             |
| ( 403554.1, 3816472.1, 1300.3, 1552.7, 0.0); | ( 403545.4, |
| 3816515.6, 1289.3, 1552.7, 0.0);             |             |
| ( 403536.7, 3816559.0, 1279.2, 1606.3, 0.0); | ( 403528.0, |
| 3816602.5, 1273.5, 1606.3, 0.0);             |             |
| ( 403519.2, 3816645.9, 1275.9, 1596.2, 0.0); | ( 403510.5, |

```

3816689.3, 1276.6, 1552.7, 0.0);
(403501.8, 3816732.8, 1267.8, 1596.2, 0.0); (403493.0,
3816776.2, 1253.8, 1606.9, 0.0);
(403484.3, 3816819.7, 1250.0, 1606.9, 0.0); (403475.6,
3816863.1, 1240.3, 1606.9, 0.0);
(403466.9, 3816906.5, 1220.7, 1606.9, 0.0); (403458.1,
3816950.0, 1210.2, 1606.9, 0.0);
(403449.4, 3816993.4, 1192.4, 1606.9, 0.0); (403440.7,
3817036.9, 1182.8, 1606.9, 0.0);
(403432.0, 3817080.3, 1177.1, 1606.9, 0.0); (403423.2,
3817123.8, 1173.6, 1606.9, 0.0);
(403414.5, 3817167.2, 1180.5, 1606.9, 0.0); (403405.8,
3817210.6, 1187.7, 1606.9, 0.0);
(403397.0, 3817254.1, 1178.3, 1606.9, 0.0); (403388.3,
3817297.5, 1161.5, 1606.9, 0.0);
(403379.6, 3817341.0, 1150.1, 1606.9, 0.0); (403370.9,
3817384.4, 1139.6, 1606.9, 0.0);
(403362.1, 3817427.8, 1130.5, 1606.9, 0.0); (403353.4,
3817471.3, 1123.0, 1606.9, 0.0);
(403344.7, 3817514.7, 1113.0, 1606.9, 0.0); (403336.0,
3817558.2, 1107.4, 1606.9, 0.0);
(403327.2, 3817601.6, 1103.7, 1606.9, 0.0); (403318.5,
3817645.0, 1098.2, 1606.9, 0.0);
(403309.8, 3817688.5, 1091.1, 1606.9, 0.0); (403301.0,
3817731.9, 1087.8, 1606.9, 0.0);
(403292.3, 3817775.4, 1087.8, 1606.9, 0.0); (403283.6,
3817818.8, 1092.3, 1606.9, 0.0);
(403274.9, 3817862.2, 1093.0, 1606.9, 0.0); (403266.1,
3817905.7, 1087.5, 1606.9, 0.0);
(403257.4, 3817949.1, 1084.1, 1606.9, 0.0); (403248.7,
3817992.6, 1086.3, 1606.9, 0.0);
(403240.0, 3818036.0, 1082.0, 1606.9, 0.0); (403231.2,
3818079.5, 1073.6, 1606.9, 0.0);
(403222.5, 3818122.9, 1066.1, 1606.9, 0.0); (403213.8,
3818166.3, 1060.2, 1606.9, 0.0);
(403205.0, 3818209.8, 1056.6, 1606.9, 0.0); (403196.3,
3818253.2, 1054.5, 1606.9, 0.0);
(403187.6, 3818296.7, 1051.9, 1606.9, 0.0); (403178.9,
3818340.1, 1049.8, 1606.9, 0.0);
(403170.1, 3818383.5, 1046.4, 1606.9, 0.0); (403161.4,
3818427.0, 1041.7, 1606.9, 0.0);
(403152.7, 3818470.4, 1042.3, 1606.9, 0.0); (403144.0,
3818513.9, 1041.6, 1606.9, 0.0);
(403135.2, 3818557.3, 1030.5, 1606.9, 0.0); (403126.5,
3818600.8, 1023.8, 1606.9, 0.0);
(403117.8, 3818644.2, 1019.7, 1606.9, 0.0); (403109.0,
3818687.6, 1025.8, 1606.9, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```



\*\*\*

17:54:19

PAGE 157

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
| ( 403100.3, 3818731.1, 1033.4, 1606.9, 0.0); | ( 403091.6, 3818774.5, 1038.2, 1606.9, 0.0); |
| ( 403082.9, 3818817.9, 1035.0, 1606.9, 0.0); | ( 403074.1, 3818861.4, 1027.8, 1606.9, 0.0); |
| ( 403065.4, 3818904.8, 1023.0, 1606.9, 0.0); | ( 403056.7, 3818948.3, 1019.6, 1606.9, 0.0); |
| ( 403048.0, 3818991.7, 1011.6, 1606.9, 0.0); | ( 403039.2, 3819035.2, 1007.7, 1606.9, 0.0); |
| ( 403030.5, 3819078.6, 1006.1, 1606.9, 0.0); | ( 403021.8, 3819122.0, 1006.6, 1606.9, 0.0); |
| ( 403013.0, 3819165.5, 1007.8, 1606.9, 0.0); | ( 403004.3, 3819208.9, 1005.2, 1606.9, 0.0); |
| ( 402995.6, 3819252.4, 999.8, 1606.9, 0.0);  | ( 402986.9, 3819295.8, 997.5, 1606.9, 0.0);  |
| ( 402978.1, 3819339.2, 994.9, 1606.9, 0.0);  | ( 402969.4, 3819382.7, 993.1, 1606.9, 0.0);  |
| ( 402960.7, 3819426.1, 988.2, 1606.9, 0.0);  | ( 402952.0, 3819469.6, 984.7, 1606.9, 0.0);  |
| ( 402943.2, 3819513.0, 983.5, 1606.9, 0.0);  | ( 402934.5, 3819556.4, 981.6, 1606.9, 0.0);  |
| ( 402925.8, 3819599.9, 980.0, 1606.9, 0.0);  | ( 402917.0, 3819643.3, 979.2, 1606.9, 0.0);  |
| ( 402908.3, 3819686.8, 978.4, 1606.9, 0.0);  | ( 402899.6, 3819730.2, 979.3, 1606.9, 0.0);  |
| ( 402890.9, 3819773.6, 984.2, 1606.9, 0.0);  | ( 402882.1, 3819817.1, 983.8, 1606.9, 0.0);  |
| ( 402873.4, 3819860.5, 981.6, 1606.9, 0.0);  | ( 402864.7, 3819904.0, 979.8, 1606.6, 0.0);  |
| ( 402856.0, 3819947.4, 980.0, 1552.7, 0.0);  | ( 402847.2, 3819990.9, 979.3, 1552.7, 0.0);  |
| ( 402838.5, 3820034.3, 977.2, 1552.7, 0.0);  | ( 402829.8, 3820077.7, 975.5, 1552.7, 0.0);  |
| ( 402821.0, 3820121.2, 974.2, 1552.7, 0.0);  | ( 402812.3, 3820164.6, 972.7, 1552.7, 0.0);  |
| ( 402803.6, 3820208.1, 971.1, 1552.7, 0.0);  | ( 402794.8, 3820251.5, 969.4, 1552.7, 0.0);  |
| ( 402786.1, 3820294.9, 968.0, 1552.7, 0.0);  | ( 402777.4, 3820338.4, 966.4, 1552.7, 0.0);  |
| ( 402768.7, 3820381.8, 965.3, 1552.7, 0.0);  | ( 402759.9, 3820425.3, 964.8, 1552.7, 0.0);  |
| ( 402751.2, 3820468.7, 964.4, 1540.1, 0.0);  | ( 402742.5, 3820505.6, 963.9, 1540.1, 0.0);  |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820512.1,  | 962.0,     | 1540.1, | 0.0);   |       |             |
| ( 402733.8, | 3820555.6, | 959.7,  | 1540.1, | 0.0); | ( 402725.0, |
| 3820599.0,  | 959.0,     | 1540.1, | 0.0);   |       |             |
| ( 402716.3, | 3820642.5, | 957.1,  | 1540.1, | 0.0); | ( 402707.6, |
| 3820685.9,  | 955.2,     | 1540.1, | 0.0);   |       |             |
| ( 402698.8, | 3820729.3, | 953.6,  | 1540.1, | 0.0); | ( 402690.1, |
| 3820772.8,  | 951.9,     | 1540.1, | 0.0);   |       |             |
| ( 402681.4, | 3820816.2, | 949.9,  | 1540.1, | 0.0); | ( 402672.7, |
| 3820859.7,  | 947.8,     | 1540.1, | 0.0);   |       |             |
| ( 402663.9, | 3820903.1, | 945.6,  | 1540.1, | 0.0); | ( 402655.2, |
| 3820946.6,  | 942.9,     | 1540.1, | 0.0);   |       |             |
| ( 402646.5, | 3820990.0, | 940.5,  | 1540.1, | 0.0); | ( 402637.8, |
| 3821033.4,  | 938.4,     | 1540.1, | 0.0);   |       |             |
| ( 402629.0, | 3821076.9, | 937.0,  | 1540.1, | 0.0); | ( 402620.3, |
| 3821120.3,  | 935.0,     | 1540.1, | 0.0);   |       |             |
| ( 402611.6, | 3821163.8, | 933.0,  | 1540.1, | 0.0); | ( 400803.7, |
| 3810803.2,  | 1333.9,    | 2167.9, | 0.0);   |       |             |
| ( 400768.8, | 3810775.9, | 1336.7, | 2167.9, | 0.0); | ( 400733.9, |
| 3810748.5,  | 1353.8,    | 2167.9, | 0.0);   |       |             |
| ( 400699.0, | 3810721.2, | 1370.3, | 2167.9, | 0.0); | ( 401655.0, |
| 3809786.5,  | 1543.5,    | 2167.9, | 0.0);   |       |             |
| ( 401677.7, | 3809824.4, | 1515.6, | 2167.9, | 0.0); | ( 401700.3, |
| 3809862.4,  | 1496.3,    | 2167.9, | 0.0);   |       |             |
| ( 401723.0, | 3809900.4, | 1486.3, | 2167.9, | 0.0); | ( 401745.6, |
| 3809938.3,  | 1469.5,    | 2167.9, | 0.0);   |       |             |
| ( 401768.2, | 3809976.3, | 1467.5, | 2167.9, | 0.0); | ( 401790.9, |
| 3810014.3,  | 1468.5,    | 2167.9, | 0.0);   |       |             |
| ( 401813.5, | 3810052.2, | 1460.7, | 2167.9, | 0.0); | ( 401836.2, |
| 3810090.2,  | 1461.5,    | 2167.9, | 0.0);   |       |             |
| ( 401858.8, | 3810128.2, | 1473.7, | 2167.9, | 0.0); | ( 401881.5, |
| 3810166.1,  | 1464.7,    | 2167.9, | 0.0);   |       |             |
| ( 401904.1, | 3810204.1, | 1455.8, | 2167.9, | 0.0); | ( 401926.8, |
| 3810242.1,  | 1464.6,    | 2167.9, | 0.0);   |       |             |
| ( 401949.5, | 3810280.0, | 1470.4, | 2167.9, | 0.0); | ( 401972.1, |
| 3810318.0,  | 1469.6,    | 2167.9, | 0.0);   |       |             |
| ( 401994.8, | 3810355.9, | 1478.9, | 2167.9, | 0.0); | ( 402017.4, |
| 3810393.9,  | 1483.2,    | 2167.9, | 0.0);   |       |             |
| ( 402040.0, | 3810431.9, | 1475.6, | 2167.9, | 0.0); | ( 402062.7, |
| 3810469.8,  | 1455.8,    | 2167.9, | 0.0);   |       |             |
| ( 402085.3, | 3810507.8, | 1435.0, | 2167.9, | 0.0); | ( 402108.0, |
| 3810545.8,  | 1421.4,    | 2167.9, | 0.0);   |       |             |
| ( 402130.6, | 3810583.7, | 1415.3, | 2167.9, | 0.0); | ( 402153.3, |
| 3810621.7,  | 1401.1,    | 2167.9, | 0.0);   |       |             |
| ( 402175.9, | 3810659.7, | 1379.8, | 2167.9, | 0.0); | ( 402198.6, |
| 3810697.6,  | 1363.7,    | 2167.9, | 0.0);   |       |             |
| ( 402221.2, | 3810735.6, | 1371.2, | 2167.9, | 0.0); | ( 402243.9, |
| 3810773.6,  | 1365.0,    | 2167.9, | 0.0);   |       |             |
| ( 402266.5, | 3810811.5, | 1347.3, | 2167.9, | 0.0); | ( 402289.2, |
| 3810849.5,  | 1340.8,    | 2167.9, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 158

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 402311.8, 3810887.4, 1355.8, 2167.9, 0.0); | ( 402334.5, |
| 3810925.4, 1370.6, 2167.9, 0.0);             |             |
| ( 402357.1, 3810963.4, 1379.7, 2167.9, 0.0); | ( 402379.8, |
| 3811001.3, 1389.6, 2167.9, 0.0);             |             |
| ( 402402.4, 3811039.3, 1404.6, 2167.9, 0.0); | ( 402425.1, |
| 3811077.3, 1393.7, 2167.9, 0.0);             |             |
| ( 402447.7, 3811115.2, 1372.2, 2167.9, 0.0); | ( 402470.4, |
| 3811153.2, 1349.4, 2167.9, 0.0);             |             |
| ( 402493.0, 3811191.2, 1324.2, 2167.9, 0.0); | ( 402515.7, |
| 3811229.1, 1301.2, 2167.9, 0.0);             |             |
| ( 402538.3, 3811267.1, 1286.2, 2167.9, 0.0); | ( 402561.0, |
| 3811305.0, 1275.5, 2167.9, 0.0);             |             |
| ( 402583.6, 3811343.0, 1266.2, 2167.9, 0.0); | ( 402606.3, |
| 3811381.0, 1261.0, 2167.9, 0.0);             |             |
| ( 402628.9, 3811418.9, 1262.6, 2167.9, 0.0); | ( 402651.6, |
| 3811456.9, 1272.1, 2167.9, 0.0);             |             |
| ( 402674.2, 3811494.9, 1286.5, 2167.9, 0.0); | ( 402696.9, |
| 3811532.8, 1293.9, 2167.9, 0.0);             |             |
| ( 402719.5, 3811570.8, 1286.3, 2167.9, 0.0); | ( 402742.2, |
| 3811608.8, 1281.3, 2167.9, 0.0);             |             |
| ( 402764.8, 3811646.7, 1267.2, 2167.9, 0.0); | ( 402787.5, |
| 3811684.7, 1256.9, 2167.9, 0.0);             |             |
| ( 402810.1, 3811722.7, 1244.4, 2167.9, 0.0); | ( 402832.8, |
| 3811760.6, 1238.3, 2167.9, 0.0);             |             |
| ( 402855.4, 3811798.6, 1231.0, 2167.9, 0.0); | ( 402878.1, |
| 3811836.5, 1235.4, 2167.9, 0.0);             |             |
| ( 402900.7, 3811874.5, 1244.3, 2167.9, 0.0); | ( 402923.4, |
| 3811912.5, 1246.5, 2167.9, 0.0);             |             |
| ( 402946.0, 3811950.4, 1235.5, 2167.9, 0.0); | ( 402968.7, |
| 3811988.4, 1230.4, 2167.9, 0.0);             |             |
| ( 402991.3, 3812026.4, 1224.3, 2167.9, 0.0); | ( 403014.0, |
| 3812064.3, 1224.8, 2167.9, 0.0);             |             |
| ( 403036.6, 3812102.3, 1225.3, 2167.9, 0.0); | ( 403059.3, |
| 3812140.3, 1240.4, 2167.9, 0.0);             |             |
| ( 403081.9, 3812178.2, 1247.8, 2167.9, 0.0); | ( 403104.6, |
| 3812216.2, 1250.6, 2167.9, 0.0);             |             |
| ( 403127.2, 3812254.1, 1253.4, 2167.9, 0.0); | ( 403149.9, |
| 3812292.1, 1249.0, 2167.9, 0.0);             |             |
| ( 403172.5, 3812330.1, 1232.0, 2167.9, 0.0); | ( 403195.2, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812368.0,  | 1220.8,    | 2167.9, | 0.0);   |       |             |
| ( 403217.8, | 3812406.0, | 1217.0, | 2167.9, | 0.0); | ( 403240.5, |
| 3812444.0,  | 1211.8,    | 2167.9, | 0.0);   |       |             |
| ( 403263.1, | 3812481.9, | 1209.1, | 2167.9, | 0.0); | ( 403285.8, |
| 3812519.9,  | 1207.0,    | 2167.9, | 0.0);   |       |             |
| ( 403308.4, | 3812557.9, | 1215.6, | 2167.9, | 0.0); | ( 403331.1, |
| 3812595.8,  | 1221.5,    | 2167.9, | 0.0);   |       |             |
| ( 403353.7, | 3812633.8, | 1230.1, | 2167.9, | 0.0); | ( 403376.3, |
| 3812671.8,  | 1235.6,    | 2167.9, | 0.0);   |       |             |
| ( 403399.0, | 3812709.7, | 1233.4, | 2167.9, | 0.0); | ( 403421.6, |
| 3812747.7,  | 1240.5,    | 2167.9, | 0.0);   |       |             |
| ( 403444.3, | 3812785.6, | 1244.9, | 2167.9, | 0.0); | ( 403467.0, |
| 3812823.6,  | 1245.6,    | 2167.9, | 0.0);   |       |             |
| ( 403489.6, | 3812861.6, | 1239.5, | 2167.9, | 0.0); | ( 403512.2, |
| 3812899.5,  | 1254.2,    | 2167.9, | 0.0);   |       |             |
| ( 403534.9, | 3812937.5, | 1265.7, | 2167.9, | 0.0); | ( 403557.5, |
| 3812975.5,  | 1271.1,    | 2167.9, | 0.0);   |       |             |
| ( 403580.2, | 3813013.4, | 1284.0, | 2167.9, | 0.0); | ( 403602.8, |
| 3813051.4,  | 1284.2,    | 2167.9, | 0.0);   |       |             |
| ( 403625.5, | 3813089.4, | 1270.6, | 2167.9, | 0.0); | ( 403648.1, |
| 3813127.3,  | 1247.5,    | 2167.9, | 0.0);   |       |             |
| ( 403670.8, | 3813165.3, | 1224.6, | 2167.9, | 0.0); | ( 403693.5, |
| 3813203.3,  | 1205.5,    | 2167.9, | 0.0);   |       |             |
| ( 403716.1, | 3813241.2, | 1197.1, | 2167.9, | 0.0); | ( 403738.7, |
| 3813279.2,  | 1187.2,    | 2167.9, | 0.0);   |       |             |
| ( 403761.4, | 3813317.1, | 1192.3, | 2167.9, | 0.0); | ( 403784.0, |
| 3813355.1,  | 1203.1,    | 2167.9, | 0.0);   |       |             |
| ( 403806.7, | 3813393.1, | 1220.3, | 2167.9, | 0.0); | ( 403829.3, |
| 3813431.0,  | 1232.7,    | 2167.9, | 0.0);   |       |             |
| ( 403852.0, | 3813469.0, | 1224.6, | 2167.9, | 0.0); | ( 403874.6, |
| 3813507.0,  | 1213.0,    | 2167.9, | 0.0);   |       |             |
| ( 403897.3, | 3813544.9, | 1218.1, | 2167.9, | 0.0); | ( 403919.9, |
| 3813582.9,  | 1237.5,    | 2167.9, | 0.0);   |       |             |
| ( 403942.6, | 3813620.9, | 1255.4, | 2167.9, | 0.0); | ( 403965.2, |
| 3813658.8,  | 1265.3,    | 2167.9, | 0.0);   |       |             |
| ( 403987.9, | 3813696.8, | 1270.4, | 2167.9, | 0.0); | ( 404010.5, |
| 3813734.8,  | 1265.3,    | 2167.9, | 0.0);   |       |             |
| ( 404033.2, | 3813772.7, | 1251.5, | 2167.9, | 0.0); | ( 404055.8, |
| 3813810.7,  | 1233.8,    | 2167.9, | 0.0);   |       |             |
| ( 404078.5, | 3813848.6, | 1232.4, | 2167.9, | 0.0); | ( 404101.1, |
| 3813886.6,  | 1252.0,    | 2167.9, | 0.0);   |       |             |
| ( 404123.8, | 3813924.6, | 1254.4, | 2167.9, | 0.0); | ( 404146.4, |
| 3813962.5,  | 1239.5,    | 2167.9, | 0.0);   |       |             |
| ( 404169.1, | 3814000.5, | 1227.0, | 2167.9, | 0.0); | ( 404191.7, |
| 3814038.5,  | 1220.9,    | 2167.9, | 0.0);   |       |             |
| ( 404214.4, | 3814076.4, | 1221.6, | 2167.9, | 0.0); | ( 404237.0, |
| 3814114.4,  | 1241.8,    | 2167.9, | 0.0);   |       |             |
| ( 404259.7, | 3814152.4, | 1265.3, | 1606.9, | 0.0); | ( 404282.3, |
| 3814190.3,  | 1284.5,    | 1606.9, | 0.0);   |       |             |
| ( 404305.0, | 3814228.3, | 1294.3, | 1606.9, | 0.0); | ( 404327.6, |

3814266.2, 1294.6, 1606.9, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 159

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 404350.3, 3814304.2, 1284.4, 1606.9, 0.0); | ( 404372.9, |
| 3814342.2, 1280.7, 1606.9, 0.0);             |             |
| ( 404395.6, 3814380.1, 1283.8, 1606.9, 0.0); | ( 404418.2, |
| 3814418.1, 1274.0, 1606.9, 0.0);             |             |
| ( 404440.9, 3814456.1, 1256.9, 1606.9, 0.0); | ( 404463.5, |
| 3814494.0, 1235.9, 1606.9, 0.0);             |             |
| ( 404486.2, 3814532.0, 1213.0, 2166.8, 0.0); | ( 404508.8, |
| 3814570.0, 1208.4, 2166.8, 0.0);             |             |
| ( 404531.5, 3814607.9, 1208.7, 1606.9, 0.0); | ( 404554.1, |
| 3814645.9, 1216.3, 1606.9, 0.0);             |             |
| ( 404576.8, 3814683.8, 1242.6, 1606.9, 0.0); | ( 404599.4, |
| 3814721.8, 1234.6, 1606.9, 0.0);             |             |
| ( 404622.1, 3814759.8, 1229.5, 1606.9, 0.0); | ( 404644.7, |
| 3814797.8, 1242.4, 1606.9, 0.0);             |             |
| ( 404667.4, 3814835.7, 1249.1, 1606.9, 0.0); | ( 404690.0, |
| 3814873.7, 1237.2, 1606.9, 0.0);             |             |
| ( 404712.7, 3814911.6, 1222.5, 1606.9, 0.0); | ( 404735.3, |
| 3814949.6, 1217.8, 1606.9, 0.0);             |             |
| ( 404758.0, 3814987.6, 1222.8, 1606.9, 0.0); | ( 404780.6, |
| 3815025.5, 1219.4, 1606.9, 0.0);             |             |
| ( 404803.3, 3815063.5, 1219.4, 1606.9, 0.0); | ( 404825.9, |
| 3815101.5, 1224.6, 1606.9, 0.0);             |             |
| ( 404848.6, 3815139.4, 1224.0, 1606.9, 0.0); | ( 404871.2, |
| 3815177.4, 1209.2, 1606.9, 0.0);             |             |
| ( 404893.9, 3815215.3, 1189.4, 1606.9, 0.0); | ( 404916.5, |
| 3815253.3, 1171.4, 1606.9, 0.0);             |             |
| ( 404939.2, 3815291.3, 1168.7, 1606.9, 0.0); | ( 404961.8, |
| 3815329.2, 1182.8, 1606.9, 0.0);             |             |
| ( 404984.5, 3815367.2, 1195.4, 1606.9, 0.0); | ( 405007.1, |
| 3815405.2, 1194.8, 1606.9, 0.0);             |             |
| ( 405025.4, 3815464.8, 1188.6, 1606.9, 0.0); | ( 405016.7, |
| 3815508.1, 1187.5, 1606.9, 0.0);             |             |
| ( 405008.0, 3815551.5, 1189.6, 1606.9, 0.0); | ( 404999.3, |
| 3815594.8, 1186.6, 1606.9, 0.0);             |             |
| ( 404990.6, 3815638.2, 1189.8, 1606.9, 0.0); | ( 404981.9, |
| 3815681.5, 1198.4, 1606.9, 0.0);             |             |
| ( 404973.2, 3815724.8, 1209.7, 1606.9, 0.0); | ( 404964.5, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815768.2,  | 1203.5,    | 1606.9, | 0.0);   |       |             |
| ( 404955.7, | 3815811.5, | 1196.8, | 1606.9, | 0.0); | ( 404947.0, |
| 3815854.9,  | 1191.6,    | 1606.9, | 0.0);   |       |             |
| ( 404938.3, | 3815898.2, | 1180.2, | 1606.9, | 0.0); | ( 404929.6, |
| 3815941.6,  | 1175.1,    | 1606.9, | 0.0);   |       |             |
| ( 404920.9, | 3815984.9, | 1162.8, | 1606.9, | 0.0); | ( 404912.2, |
| 3816028.2,  | 1155.7,    | 1606.9, | 0.0);   |       |             |
| ( 404903.5, | 3816071.6, | 1153.0, | 1606.9, | 0.0); | ( 404894.8, |
| 3816114.9,  | 1148.0,    | 1606.9, | 0.0);   |       |             |
| ( 404886.1, | 3816158.3, | 1132.5, | 1606.9, | 0.0); | ( 404877.4, |
| 3816201.6,  | 1125.1,    | 1606.9, | 0.0);   |       |             |
| ( 404868.7, | 3816244.9, | 1143.9, | 1606.9, | 0.0); | ( 404860.0, |
| 3816288.3,  | 1153.8,    | 1606.9, | 0.0);   |       |             |
| ( 404851.2, | 3816331.6, | 1166.0, | 1606.9, | 0.0); | ( 404842.5, |
| 3816375.0,  | 1163.8,    | 1606.9, | 0.0);   |       |             |
| ( 404833.8, | 3816418.3, | 1171.6, | 1606.9, | 0.0); | ( 404825.1, |
| 3816461.6,  | 1192.4,    | 1606.9, | 0.0);   |       |             |
| ( 404816.4, | 3816505.0, | 1204.6, | 1596.2, | 0.0); | ( 404807.7, |
| 3816548.3,  | 1201.8,    | 1596.2, | 0.0);   |       |             |
| ( 404799.0, | 3816591.7, | 1183.1, | 1606.9, | 0.0); | ( 404790.3, |
| 3816635.0,  | 1165.6,    | 1606.9, | 0.0);   |       |             |
| ( 404781.6, | 3816678.4, | 1173.1, | 1606.9, | 0.0); | ( 404772.9, |
| 3816721.7,  | 1185.5,    | 1606.3, | 0.0);   |       |             |
| ( 404764.2, | 3816765.0, | 1189.9, | 1596.2, | 0.0); | ( 404755.5, |
| 3816808.4,  | 1195.1,    | 1552.7, | 0.0);   |       |             |
| ( 404746.8, | 3816851.7, | 1189.9, | 1552.7, | 0.0); | ( 404738.1, |
| 3816895.1,  | 1178.6,    | 1606.3, | 0.0);   |       |             |
| ( 404729.3, | 3816938.4, | 1174.9, | 1606.3, | 0.0); | ( 404720.6, |
| 3816981.7,  | 1176.6,    | 1596.2, | 0.0);   |       |             |
| ( 404711.9, | 3817025.1, | 1171.9, | 1606.3, | 0.0); | ( 404703.2, |
| 3817068.4,  | 1160.2,    | 1606.9, | 0.0);   |       |             |
| ( 404694.5, | 3817111.8, | 1140.9, | 1606.9, | 0.0); | ( 404685.8, |
| 3817155.1,  | 1119.8,    | 1606.9, | 0.0);   |       |             |
| ( 404677.1, | 3817198.4, | 1102.8, | 1606.9, | 0.0); | ( 404668.4, |
| 3817241.8,  | 1096.6,    | 1606.9, | 0.0);   |       |             |
| ( 404659.7, | 3817285.1, | 1086.5, | 1606.9, | 0.0); | ( 404651.0, |
| 3817328.5,  | 1080.0,    | 1606.9, | 0.0);   |       |             |
| ( 404642.3, | 3817371.8, | 1080.2, | 1606.9, | 0.0); | ( 404633.6, |
| 3817415.1,  | 1089.9,    | 1606.9, | 0.0);   |       |             |
| ( 404624.9, | 3817458.5, | 1091.2, | 1606.9, | 0.0); | ( 404616.1, |
| 3817501.8,  | 1082.1,    | 1606.9, | 0.0);   |       |             |
| ( 404607.5, | 3817545.2, | 1068.1, | 1606.9, | 0.0); | ( 404598.7, |
| 3817588.5,  | 1065.4,    | 1606.9, | 0.0);   |       |             |
| ( 404590.0, | 3817631.9, | 1063.9, | 1606.9, | 0.0); | ( 404581.3, |
| 3817675.2,  | 1061.0,    | 1606.9, | 0.0);   |       |             |
| ( 404572.6, | 3817718.5, | 1057.6, | 1606.9, | 0.0); | ( 404563.9, |
| 3817761.9,  | 1049.6,    | 1606.9, | 0.0);   |       |             |
| ( 404555.2, | 3817805.2, | 1040.3, | 1606.9, | 0.0); | ( 404546.5, |
| 3817848.6,  | 1029.2,    | 1606.9, | 0.0);   |       |             |
| ( 404537.8, | 3817891.9, | 1013.8, | 1606.9, | 0.0); | ( 404529.1, |

3817935.2, 1006.3, 1606.9, 0.0);  
( 404520.4, 3817978.6, 1015.7, 1606.9, 0.0); ( 404511.7,  
3818021.9, 1028.0, 1606.9, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 160

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 404503.0, 3818065.3, 1026.7, 1606.9, 0.0); ( 404494.2,  
3818108.6, 1011.9, 1606.9, 0.0);  
( 404485.5, 3818151.9, 999.4, 1606.9, 0.0); ( 404476.8,  
3818195.3, 996.4, 1606.9, 0.0);  
( 404468.1, 3818238.6, 1002.1, 1606.9, 0.0); ( 404459.4,  
3818282.0, 999.3, 1606.9, 0.0);  
( 404450.7, 3818325.3, 998.5, 1606.9, 0.0); ( 404442.0,  
3818368.6, 989.0, 1606.9, 0.0);  
( 404433.3, 3818412.0, 985.6, 1606.9, 0.0); ( 404424.6,  
3818455.3, 986.5, 1606.9, 0.0);  
( 404415.9, 3818498.7, 994.6, 1606.9, 0.0); ( 404407.2,  
3818542.0, 1005.5, 1606.9, 0.0);  
( 404398.5, 3818585.4, 1005.5, 1606.9, 0.0); ( 404389.8,  
3818628.7, 1002.4, 1606.9, 0.0);  
( 404381.0, 3818672.0, 999.8, 1606.9, 0.0); ( 404372.3,  
3818715.4, 1001.3, 1606.9, 0.0);  
( 404363.6, 3818758.7, 1006.2, 1606.9, 0.0); ( 404354.9,  
3818802.1, 1001.5, 1606.9, 0.0);  
( 404346.2, 3818845.4, 997.9, 1606.9, 0.0); ( 404337.5,  
3818888.8, 998.2, 1606.9, 0.0);  
( 404328.8, 3818932.1, 1002.2, 1606.9, 0.0); ( 404320.1,  
3818975.4, 1002.5, 1606.9, 0.0);  
( 404311.4, 3819018.8, 994.9, 1606.9, 0.0); ( 404302.7,  
3819062.1, 988.5, 1606.9, 0.0);  
( 404294.0, 3819105.4, 986.7, 1606.9, 0.0); ( 404285.3,  
3819148.8, 982.5, 1606.9, 0.0);  
( 404276.6, 3819192.1, 977.9, 1606.9, 0.0); ( 404267.9,  
3819235.5, 975.1, 1606.9, 0.0);  
( 404259.1, 3819278.8, 974.4, 1606.9, 0.0); ( 404250.4,  
3819322.2, 971.5, 1606.9, 0.0);  
( 404241.7, 3819365.5, 968.6, 1606.9, 0.0); ( 404233.0,  
3819408.8, 966.9, 1606.9, 0.0);  
( 404224.3, 3819452.2, 964.8, 1606.9, 0.0); ( 404215.6,  
3819495.5, 962.6, 1606.9, 0.0);  
( 404206.9, 3819538.9, 960.3, 1606.9, 0.0); ( 404198.2,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819582.2,  | 960.8,     | 1606.9, | 0.0);   |       |             |
| ( 404189.5, | 3819625.5, | 961.9,  | 1606.9, | 0.0); | ( 404180.8, |
| 3819668.9,  | 961.8,     | 1606.9, | 0.0);   |       |             |
| ( 404172.1, | 3819712.2, | 957.8,  | 1606.9, | 0.0); | ( 404163.4, |
| 3819755.6,  | 949.7,     | 1606.9, | 0.0);   |       |             |
| ( 404154.7, | 3819798.9, | 947.5,  | 1606.9, | 0.0); | ( 404146.0, |
| 3819842.2,  | 945.9,     | 1606.9, | 0.0);   |       |             |
| ( 404137.2, | 3819885.6, | 944.6,  | 1606.9, | 0.0); | ( 404128.5, |
| 3819928.9,  | 943.2,     | 1606.9, | 0.0);   |       |             |
| ( 404119.8, | 3819972.3, | 941.4,  | 1606.3, | 0.0); | ( 404111.1, |
| 3820015.6,  | 940.0,     | 1606.3, | 0.0);   |       |             |
| ( 404102.4, | 3820058.9, | 938.8,  | 1596.2, | 0.0); | ( 404093.7, |
| 3820102.3,  | 937.9,     | 1552.7, | 0.0);   |       |             |
| ( 404085.0, | 3820145.6, | 937.2,  | 1552.7, | 0.0); | ( 404076.3, |
| 3820189.0,  | 936.7,     | 1552.7, | 0.0);   |       |             |
| ( 404067.6, | 3820232.3, | 935.8,  | 1552.7, | 0.0); | ( 404058.9, |
| 3820275.7,  | 934.8,     | 1552.7, | 0.0);   |       |             |
| ( 404050.2, | 3820319.0, | 933.7,  | 1552.7, | 0.0); | ( 404041.5, |
| 3820362.3,  | 933.2,     | 1552.7, | 0.0);   |       |             |
| ( 404032.8, | 3820405.7, | 933.2,  | 1552.7, | 0.0); | ( 404024.0, |
| 3820449.0,  | 933.3,     | 1552.7, | 0.0);   |       |             |
| ( 404015.3, | 3820492.4, | 933.4,  | 1552.7, | 0.0); | ( 404006.6, |
| 3820535.7,  | 933.2,     | 1552.7, | 0.0);   |       |             |
| ( 403997.9, | 3820579.0, | 933.1,  | 1552.7, | 0.0); | ( 403989.2, |
| 3820622.4,  | 933.0,     | 1552.7, | 0.0);   |       |             |
| ( 403980.5, | 3820665.7, | 933.4,  | 1552.7, | 0.0); | ( 403971.8, |
| 3820709.1,  | 934.4,     | 1540.1, | 0.0);   |       |             |
| ( 403963.1, | 3820752.4, | 934.6,  | 1540.1, | 0.0); | ( 403954.4, |
| 3820795.8,  | 932.4,     | 1540.1, | 0.0);   |       |             |
| ( 403945.7, | 3820839.1, | 923.6,  | 1540.1, | 0.0); | ( 403937.0, |
| 3820882.4,  | 922.9,     | 1540.1, | 0.0);   |       |             |
| ( 403928.3, | 3820925.8, | 920.7,  | 1540.1, | 0.0); | ( 403919.6, |
| 3820969.1,  | 919.3,     | 1540.1, | 0.0);   |       |             |
| ( 403910.8, | 3821012.5, | 924.9,  | 1540.1, | 0.0); | ( 403902.1, |
| 3821055.8,  | 930.7,     | 1540.1, | 0.0);   |       |             |
| ( 403893.4, | 3821099.1, | 925.5,  | 1540.1, | 0.0); | ( 403884.7, |
| 3821142.5,  | 916.6,     | 1540.1, | 0.0);   |       |             |
| ( 403876.0, | 3821185.8, | 916.2,  | 1540.1, | 0.0); | ( 403867.3, |
| 3821229.2,  | 910.1,     | 1540.1, | 0.0);   |       |             |
| ( 403858.6, | 3821272.5, | 906.9,  | 1540.1, | 0.0); | ( 403849.9, |
| 3821315.8,  | 903.1,     | 1540.1, | 0.0);   |       |             |
| ( 403841.2, | 3821359.2, | 900.7,  | 1540.1, | 0.0); | ( 403832.5, |
| 3821402.5,  | 898.2,     | 1540.1, | 0.0);   |       |             |
| ( 403823.8, | 3821445.9, | 897.4,  | 1540.1, | 0.0); | ( 403815.1, |
| 3821489.2,  | 898.2,     | 1540.1, | 0.0);   |       |             |
| ( 403806.4, | 3821532.5, | 897.7,  | 1540.1, | 0.0); | ( 403797.7, |
| 3821575.9,  | 894.3,     | 1540.1, | 0.0);   |       |             |
| ( 403789.0, | 3821619.2, | 891.1,  | 1540.1, | 0.0); | ( 403780.2, |
| 3821662.6,  | 888.8,     | 1540.1, | 0.0);   |       |             |
| ( 403771.5, | 3821705.9, | 886.6,  | 1540.1, | 0.0); | ( 403762.8, |



3821749.2, 884.7, 1540.1, 0.0);  
 ( 403754.1, 3821792.6, 883.3, 1540.1, 0.0); ( 403745.4,  
 3821835.9, 882.0, 1540.1, 0.0);  
 ( 403736.7, 3821879.3, 880.1, 1540.1, 0.0); ( 401626.2,  
 3809753.8, 1561.2, 2167.9, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 161

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 401591.3, 3809726.5, 1566.1, 2167.9, 0.0); ( 401556.4,  
 3809699.1, 1573.8, 2167.9, 0.0);  
 ( 401521.5, 3809671.8, 1589.8, 2167.9, 0.0); ( 402477.5,  
 3808737.1, 1656.8, 2167.9, 0.0);  
 ( 402500.2, 3808775.1, 1664.4, 2167.9, 0.0); ( 402522.9,  
 3808813.1, 1680.8, 2167.9, 0.0);  
 ( 402545.6, 3808851.1, 1683.2, 2167.9, 0.0); ( 402568.2,  
 3808889.2, 1674.7, 2167.9, 0.0);  
 ( 402590.9, 3808927.2, 1669.9, 2167.9, 0.0); ( 402613.6,  
 3808965.2, 1662.6, 2167.9, 0.0);  
 ( 402636.3, 3809003.2, 1647.6, 2167.9, 0.0); ( 402659.0,  
 3809041.2, 1632.8, 2167.9, 0.0);  
 ( 402681.6, 3809079.2, 1632.9, 2167.9, 0.0); ( 402704.3,  
 3809117.2, 1620.1, 2167.9, 0.0);  
 ( 402727.0, 3809155.2, 1590.7, 2167.9, 0.0); ( 402749.7,  
 3809193.2, 1560.3, 2167.9, 0.0);  
 ( 402772.3, 3809231.2, 1530.1, 2167.9, 0.0); ( 402795.0,  
 3809269.3, 1519.6, 2167.9, 0.0);  
 ( 402817.7, 3809307.3, 1533.1, 2167.9, 0.0); ( 402840.4,  
 3809345.3, 1530.1, 2167.9, 0.0);  
 ( 402863.0, 3809383.3, 1506.5, 2167.9, 0.0); ( 402885.7,  
 3809421.3, 1503.9, 2167.9, 0.0);  
 ( 402908.4, 3809459.3, 1524.3, 2167.9, 0.0); ( 402931.1,  
 3809497.3, 1534.7, 2167.9, 0.0);  
 ( 402953.8, 3809535.3, 1542.0, 2167.9, 0.0); ( 402976.4,  
 3809573.3, 1549.8, 2167.9, 0.0);  
 ( 402999.1, 3809611.3, 1542.3, 2167.9, 0.0); ( 403021.8,  
 3809649.3, 1524.2, 2167.9, 0.0);  
 ( 403044.5, 3809687.4, 1504.9, 2167.9, 0.0); ( 403067.1,  
 3809725.4, 1485.6, 2167.9, 0.0);  
 ( 403089.8, 3809763.4, 1473.0, 2167.9, 0.0); ( 403112.5,  
 3809801.4, 1466.0, 2167.9, 0.0);  
 ( 403135.2, 3809839.4, 1453.5, 2167.9, 0.0); ( 403157.8,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809877.4,  | 1438.5,    | 2167.9, | 0.0);   |       |             |
| ( 403180.5, | 3809915.4, | 1419.6, | 2167.9, | 0.0); | ( 403203.2, |
| 3809953.4,  | 1400.0,    | 2167.9, | 0.0);   |       |             |
| ( 403225.9, | 3809991.4, | 1373.3, | 2167.9, | 0.0); | ( 403248.5, |
| 3810029.4,  | 1345.0,    | 2167.9, | 0.0);   |       |             |
| ( 403271.2, | 3810067.5, | 1321.3, | 2167.9, | 0.0); | ( 403293.9, |
| 3810105.5,  | 1302.9,    | 2167.9, | 0.0);   |       |             |
| ( 403316.6, | 3810143.5, | 1293.6, | 2167.9, | 0.0); | ( 403339.3, |
| 3810181.5,  | 1285.2,    | 2167.9, | 0.0);   |       |             |
| ( 403361.9, | 3810219.5, | 1278.8, | 2167.9, | 0.0); | ( 403384.6, |
| 3810257.5,  | 1272.5,    | 2167.9, | 0.0);   |       |             |
| ( 403407.3, | 3810295.5, | 1264.0, | 2167.9, | 0.0); | ( 403430.0, |
| 3810333.5,  | 1262.9,    | 2167.9, | 0.0);   |       |             |
| ( 403452.6, | 3810371.5, | 1264.0, | 2167.9, | 0.0); | ( 403475.3, |
| 3810409.5,  | 1267.0,    | 2167.9, | 0.0);   |       |             |
| ( 403498.0, | 3810447.6, | 1269.8, | 2167.9, | 0.0); | ( 403520.7, |
| 3810485.6,  | 1286.8,    | 2167.9, | 0.0);   |       |             |
| ( 403543.3, | 3810523.6, | 1307.6, | 2167.9, | 0.0); | ( 403566.0, |
| 3810561.6,  | 1315.8,    | 2167.9, | 0.0);   |       |             |
| ( 403588.7, | 3810599.6, | 1301.5, | 2167.9, | 0.0); | ( 403611.4, |
| 3810637.6,  | 1294.0,    | 2167.9, | 0.0);   |       |             |
| ( 403634.0, | 3810675.6, | 1292.1, | 2167.9, | 0.0); | ( 403656.7, |
| 3810713.6,  | 1296.5,    | 2167.9, | 0.0);   |       |             |
| ( 403679.4, | 3810751.6, | 1306.4, | 2167.9, | 0.0); | ( 403702.1, |
| 3810789.6,  | 1319.1,    | 2167.9, | 0.0);   |       |             |
| ( 403724.8, | 3810827.7, | 1337.9, | 2167.9, | 0.0); | ( 403747.4, |
| 3810865.7,  | 1358.0,    | 2167.9, | 0.0);   |       |             |
| ( 403770.1, | 3810903.7, | 1355.6, | 2167.9, | 0.0); | ( 403792.8, |
| 3810941.7,  | 1335.3,    | 2167.9, | 0.0);   |       |             |
| ( 403815.5, | 3810979.7, | 1323.8, | 2167.9, | 0.0); | ( 403838.1, |
| 3811017.7,  | 1334.5,    | 2167.9, | 0.0);   |       |             |
| ( 403860.8, | 3811055.7, | 1348.0, | 2167.9, | 0.0); | ( 403883.5, |
| 3811093.7,  | 1350.9,    | 2167.9, | 0.0);   |       |             |
| ( 403906.2, | 3811131.7, | 1334.3, | 2167.9, | 0.0); | ( 403928.8, |
| 3811169.8,  | 1316.0,    | 2167.9, | 0.0);   |       |             |
| ( 403951.5, | 3811207.8, | 1311.4, | 2167.9, | 0.0); | ( 403974.2, |
| 3811245.8,  | 1309.6,    | 2167.9, | 0.0);   |       |             |
| ( 403996.9, | 3811283.8, | 1303.1, | 2167.9, | 0.0); | ( 404019.6, |
| 3811321.8,  | 1298.8,    | 2167.9, | 0.0);   |       |             |
| ( 404042.2, | 3811359.8, | 1303.1, | 2167.9, | 0.0); | ( 404064.9, |
| 3811397.8,  | 1314.9,    | 2167.9, | 0.0);   |       |             |
| ( 404087.6, | 3811435.8, | 1325.1, | 2167.9, | 0.0); | ( 404110.3, |
| 3811473.8,  | 1327.7,    | 2167.9, | 0.0);   |       |             |
| ( 404132.9, | 3811511.8, | 1330.8, | 2167.9, | 0.0); | ( 404155.6, |
| 3811549.8,  | 1337.6,    | 2167.9, | 0.0);   |       |             |
| ( 404178.3, | 3811587.8, | 1347.1, | 2167.9, | 0.0); | ( 404201.0, |
| 3811625.9,  | 1363.7,    | 2167.9, | 0.0);   |       |             |
| ( 404223.6, | 3811663.9, | 1381.8, | 2167.9, | 0.0); | ( 404246.3, |
| 3811701.9,  | 1390.7,    | 2167.9, | 0.0);   |       |             |
| ( 404269.0, | 3811739.9, | 1403.5, | 2167.9, | 0.0); | ( 404291.7, |

```

3811777.9, 1400.7, 2167.9, 0.0);
 (404314.3, 3811815.9, 1372.0, 2167.9, 0.0); (404337.0,
3811853.9, 1340.8, 2167.9, 0.0);
 (404359.7, 3811891.9, 1321.0, 2167.9, 0.0); (404382.4,
3811929.9, 1307.6, 2167.9, 0.0);
 (404405.1, 3811967.9, 1288.2, 2167.9, 0.0); (404427.7,
3812006.0, 1269.8, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 162

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (404450.4, 3812044.0, 1252.4, 2167.9, 0.0); (404473.1,
3812082.0, 1246.4, 2167.9, 0.0);
 (404495.8, 3812120.0, 1231.3, 2167.9, 0.0); (404518.4,
3812158.0, 1222.6, 2167.9, 0.0);
 (404541.1, 3812196.0, 1218.7, 2167.9, 0.0); (404563.8,
3812234.0, 1213.8, 2167.9, 0.0);
 (404586.5, 3812272.0, 1219.1, 2167.9, 0.0); (404609.1,
3812310.0, 1207.6, 2167.9, 0.0);
 (404631.8, 3812348.0, 1197.8, 2167.9, 0.0); (404654.5,
3812386.1, 1209.4, 2167.9, 0.0);
 (404677.2, 3812424.1, 1207.0, 2167.9, 0.0); (404699.8,
3812462.1, 1194.3, 2167.9, 0.0);
 (404722.5, 3812500.1, 1176.1, 2167.9, 0.0); (404745.2,
3812538.1, 1159.7, 2167.9, 0.0);
 (404767.9, 3812576.1, 1162.2, 2167.9, 0.0); (404790.6,
3812614.1, 1180.2, 2167.9, 0.0);
 (404813.2, 3812652.1, 1187.5, 2167.9, 0.0); (404835.9,
3812690.1, 1186.2, 2167.9, 0.0);
 (404858.6, 3812728.1, 1191.9, 2167.9, 0.0); (404881.3,
3812766.2, 1175.5, 2167.9, 0.0);
 (404903.9, 3812804.2, 1157.3, 2167.9, 0.0); (404926.6,
3812842.2, 1158.7, 2167.9, 0.0);
 (404949.3, 3812880.2, 1170.3, 2167.9, 0.0); (404972.0,
3812918.2, 1174.0, 2167.9, 0.0);
 (404994.6, 3812956.2, 1175.9, 2167.9, 0.0); (405017.3,
3812994.2, 1172.0, 2167.9, 0.0);
 (405040.0, 3813032.2, 1157.3, 2167.9, 0.0); (405062.7,
3813070.2, 1140.9, 2167.9, 0.0);
 (405085.4, 3813108.2, 1129.2, 2167.9, 0.0); (405108.0,
3813146.3, 1122.8, 2167.9, 0.0);
 (405130.7, 3813184.3, 1116.7, 2167.9, 0.0); (405153.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813222.3,  | 1109.6,    | 2167.9, | 0.0);   |       |             |
| ( 405176.1, | 3813260.3, | 1103.7, | 2167.9, | 0.0); | ( 405198.7, |
| 3813298.3,  | 1098.6,    | 2167.9, | 0.0);   |       |             |
| ( 405221.4, | 3813336.3, | 1092.5, | 2167.9, | 0.0); | ( 405244.1, |
| 3813374.3,  | 1086.0,    | 2167.9, | 0.0);   |       |             |
| ( 405266.8, | 3813412.3, | 1078.8, | 2167.9, | 0.0); | ( 405289.5, |
| 3813450.3,  | 1091.0,    | 2167.9, | 0.0);   |       |             |
| ( 405312.1, | 3813488.3, | 1095.8, | 2167.9, | 0.0); | ( 405334.8, |
| 3813526.3,  | 1085.7,    | 2167.9, | 0.0);   |       |             |
| ( 405357.5, | 3813564.4, | 1086.7, | 2167.9, | 0.0); | ( 405380.1, |
| 3813602.4,  | 1082.5,    | 2167.9, | 0.0);   |       |             |
| ( 405402.8, | 3813640.4, | 1073.7, | 2429.2, | 0.0); | ( 405425.5, |
| 3813678.4,  | 1064.7,    | 2429.2, | 0.0);   |       |             |
| ( 405448.2, | 3813716.4, | 1058.7, | 2429.2, | 0.0); | ( 405470.9, |
| 3813754.4,  | 1049.5,    | 2429.2, | 0.0);   |       |             |
| ( 405493.5, | 3813792.4, | 1050.2, | 2429.2, | 0.0); | ( 405516.2, |
| 3813830.4,  | 1046.3,    | 2429.2, | 0.0);   |       |             |
| ( 405538.9, | 3813868.4, | 1040.8, | 2429.2, | 0.0); | ( 405561.6, |
| 3813906.4,  | 1042.9,    | 2429.2, | 0.0);   |       |             |
| ( 405584.2, | 3813944.5, | 1046.6, | 2429.2, | 0.0); | ( 405606.9, |
| 3813982.5,  | 1056.6,    | 2429.2, | 0.0);   |       |             |
| ( 405629.6, | 3814020.5, | 1043.7, | 2429.2, | 0.0); | ( 405652.3, |
| 3814058.5,  | 1062.7,    | 2429.2, | 0.0);   |       |             |
| ( 405675.0, | 3814096.5, | 1088.9, | 2167.9, | 0.0); | ( 405697.6, |
| 3814134.5,  | 1093.0,    | 2167.9, | 0.0);   |       |             |
| ( 405720.3, | 3814172.5, | 1079.9, | 2167.9, | 0.0); | ( 405743.0, |
| 3814210.5,  | 1083.6,    | 2167.9, | 0.0);   |       |             |
| ( 405765.6, | 3814248.5, | 1080.7, | 2167.9, | 0.0); | ( 405788.3, |
| 3814286.5,  | 1075.3,    | 2167.9, | 0.0);   |       |             |
| ( 405811.0, | 3814324.6, | 1078.1, | 2167.9, | 0.0); | ( 405833.7, |
| 3814362.6,  | 1092.3,    | 2167.9, | 0.0);   |       |             |
| ( 405856.4, | 3814400.6, | 1100.0, | 2167.9, | 0.0); | ( 405879.0, |
| 3814438.6,  | 1093.6,    | 2167.9, | 0.0);   |       |             |
| ( 405901.7, | 3814476.6, | 1098.7, | 2167.9, | 0.0); | ( 405924.4, |
| 3814514.6,  | 1111.6,    | 2167.9, | 0.0);   |       |             |
| ( 405947.1, | 3814552.6, | 1111.8, | 2167.9, | 0.0); | ( 405969.7, |
| 3814590.6,  | 1097.4,    | 2167.9, | 0.0);   |       |             |
| ( 405992.4, | 3814628.6, | 1080.2, | 2167.9, | 0.0); | ( 406015.1, |
| 3814666.6,  | 1057.6,    | 2429.2, | 0.0);   |       |             |
| ( 406037.8, | 3814704.7, | 1035.2, | 2429.2, | 0.0); | ( 406060.5, |
| 3814742.7,  | 1021.4,    | 2429.2, | 0.0);   |       |             |
| ( 406083.1, | 3814780.7, | 1013.0, | 2429.2, | 0.0); | ( 406105.8, |
| 3814818.7,  | 1003.4,    | 2429.2, | 0.0);   |       |             |
| ( 406128.5, | 3814856.7, | 998.8,  | 2429.2, | 0.0); | ( 406151.2, |
| 3814894.7,  | 997.8,     | 2429.2, | 0.0);   |       |             |
| ( 406173.8, | 3814932.7, | 997.7,  | 2429.2, | 0.0); | ( 406196.5, |
| 3814970.7,  | 999.8,     | 2429.2, | 0.0);   |       |             |
| ( 406219.2, | 3815008.7, | 1011.3, | 2429.2, | 0.0); | ( 406241.9, |
| 3815046.8,  | 1032.1,    | 2429.2, | 0.0);   |       |             |
| ( 406264.5, | 3815084.8, | 1043.8, | 2429.2, | 0.0); | ( 406287.2, |

```

3815122.8, 1051.8, 2167.9, 0.0);
(406309.9, 3815160.8, 1053.5, 2167.9, 0.0); (406332.6,
3815198.8, 1036.7, 2429.2, 0.0);
(406339.5, 3815239.5, 1040.8, 2429.2, 0.0); (406330.8,
3815282.9, 1049.5, 2167.9, 0.0);
(406322.1, 3815326.3, 1065.6, 2167.9, 0.0); (406313.4,
3815369.7, 1066.7, 2167.9, 0.0);
(406304.7, 3815413.1, 1040.0, 2167.9, 0.0); (406296.0,
3815456.4, 1012.3, 2429.2, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 163

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(406287.2, 3815499.8, 1005.7, 2429.2, 0.0); (406278.5,
3815543.2, 1008.9, 2429.2, 0.0);
(406269.8, 3815586.6, 1000.1, 2429.2, 0.0); (406261.1,
3815630.0, 998.5, 2429.2, 0.0);
(406252.4, 3815673.4, 997.9, 2429.2, 0.0); (406243.6,
3815716.8, 1003.1, 2429.2, 0.0);
(406234.9, 3815760.2, 1008.8, 2167.9, 0.0); (406226.2,
3815803.6, 1013.9, 2167.9, 0.0);
(406217.5, 3815847.0, 1018.5, 2167.9, 0.0); (406208.8,
3815890.4, 1009.2, 2167.9, 0.0);
(406200.1, 3815933.8, 1004.3, 2167.9, 0.0); (406191.3,
3815977.2, 999.0, 2167.9, 0.0);
(406182.6, 3816020.6, 997.8, 2167.9, 0.0); (406173.9,
3816064.0, 997.9, 2167.9, 0.0);
(406165.2, 3816107.3, 998.0, 2167.9, 0.0); (406156.5,
3816150.7, 998.5, 2167.9, 0.0);
(406147.8, 3816194.1, 997.7, 2167.9, 0.0); (406139.0,
3816237.5, 997.9, 2167.9, 0.0);
(406130.3, 3816280.9, 998.0, 2167.9, 0.0); (406121.6,
3816324.3, 997.7, 2167.9, 0.0);
(406112.9, 3816367.7, 997.7, 2167.9, 0.0); (406104.2,
3816411.1, 997.7, 2167.9, 0.0);
(406095.5, 3816454.5, 997.7, 2167.9, 0.0); (406086.7,
3816497.9, 984.0, 2167.9, 0.0);
(406078.0, 3816541.3, 969.4, 2167.9, 0.0); (406069.3,
3816584.7, 968.3, 2167.9, 0.0);
(406060.6, 3816628.1, 967.9, 2167.9, 0.0); (406051.9,
3816671.5, 966.4, 2167.9, 0.0);
(406043.1, 3816714.9, 962.6, 2167.9, 0.0); (406034.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816758.2,  | 956.7,     | 2167.9, | 0.0);   |       |             |
| ( 406025.7, | 3816801.6, | 958.8,  | 2167.9, | 0.0); | ( 406017.0, |
| 3816845.0,  | 965.3,     | 2167.9, | 0.0);   |       |             |
| ( 406008.3, | 3816888.4, | 967.4,  | 2167.9, | 0.0); | ( 405999.5, |
| 3816931.8,  | 970.1,     | 2163.1, | 0.0);   |       |             |
| ( 405990.8, | 3816975.2, | 967.3,  | 2160.4, | 0.0); | ( 405982.1, |
| 3817018.6,  | 966.5,     | 1606.9, | 0.0);   |       |             |
| ( 405973.4, | 3817062.0, | 966.3,  | 1606.9, | 0.0); | ( 405964.7, |
| 3817105.4,  | 968.2,     | 1606.9, | 0.0);   |       |             |
| ( 405956.0, | 3817148.8, | 966.7,  | 1606.9, | 0.0); | ( 405947.2, |
| 3817192.2,  | 961.7,     | 1606.9, | 0.0);   |       |             |
| ( 405938.5, | 3817235.6, | 957.4,  | 1606.9, | 0.0); | ( 405929.8, |
| 3817279.0,  | 948.7,     | 1606.9, | 0.0);   |       |             |
| ( 405921.1, | 3817322.4, | 943.3,  | 1606.9, | 0.0); | ( 405912.4, |
| 3817365.8,  | 945.9,     | 1606.9, | 0.0);   |       |             |
| ( 405903.6, | 3817409.1, | 961.3,  | 1606.9, | 0.0); | ( 405894.9, |
| 3817452.5,  | 968.5,     | 1606.9, | 0.0);   |       |             |
| ( 405886.2, | 3817495.9, | 963.6,  | 1606.9, | 0.0); | ( 405877.5, |
| 3817539.3,  | 963.3,     | 1606.9, | 0.0);   |       |             |
| ( 405868.8, | 3817582.7, | 959.0,  | 1606.9, | 0.0); | ( 405860.1, |
| 3817626.1,  | 949.5,     | 1606.9, | 0.0);   |       |             |
| ( 405851.3, | 3817669.5, | 940.0,  | 1606.9, | 0.0); | ( 405842.6, |
| 3817712.9,  | 938.1,     | 1606.9, | 0.0);   |       |             |
| ( 405833.9, | 3817756.3, | 936.8,  | 1606.9, | 0.0); | ( 405825.2, |
| 3817799.7,  | 936.3,     | 1606.9, | 0.0);   |       |             |
| ( 405816.5, | 3817843.1, | 935.7,  | 1606.9, | 0.0); | ( 405807.8, |
| 3817886.5,  | 935.2,     | 1606.9, | 0.0);   |       |             |
| ( 405799.0, | 3817929.9, | 943.1,  | 1606.9, | 0.0); | ( 405790.3, |
| 3817973.3,  | 965.0,     | 1606.9, | 0.0);   |       |             |
| ( 405781.6, | 3818016.6, | 962.0,  | 1606.9, | 0.0); | ( 405772.9, |
| 3818060.0,  | 957.1,     | 1606.9, | 0.0);   |       |             |
| ( 405764.2, | 3818103.4, | 953.6,  | 1606.9, | 0.0); | ( 405755.5, |
| 3818146.8,  | 948.4,     | 1606.9, | 0.0);   |       |             |
| ( 405746.7, | 3818190.2, | 944.0,  | 1606.9, | 0.0); | ( 405738.0, |
| 3818233.6,  | 945.4,     | 1606.9, | 0.0);   |       |             |
| ( 405729.3, | 3818277.0, | 945.8,  | 1606.9, | 0.0); | ( 405720.6, |
| 3818320.4,  | 940.9,     | 1606.9, | 0.0);   |       |             |
| ( 405711.9, | 3818363.8, | 935.9,  | 1606.9, | 0.0); | ( 405703.1, |
| 3818407.2,  | 933.8,     | 1606.9, | 0.0);   |       |             |
| ( 405694.4, | 3818450.6, | 933.8,  | 1606.9, | 0.0); | ( 405685.7, |
| 3818494.0,  | 931.3,     | 1606.9, | 0.0);   |       |             |
| ( 405677.0, | 3818537.4, | 930.2,  | 1606.9, | 0.0); | ( 405668.3, |
| 3818580.8,  | 928.2,     | 1606.9, | 0.0);   |       |             |
| ( 405659.5, | 3818624.2, | 925.0,  | 1606.9, | 0.0); | ( 405650.8, |
| 3818667.5,  | 921.5,     | 1606.9, | 0.0);   |       |             |
| ( 405642.1, | 3818710.9, | 921.6,  | 1606.9, | 0.0); | ( 405633.4, |
| 3818754.3,  | 923.8,     | 1606.9, | 0.0);   |       |             |
| ( 405624.7, | 3818797.7, | 925.6,  | 1606.9, | 0.0); | ( 405616.0, |
| 3818841.1,  | 925.9,     | 1606.9, | 0.0);   |       |             |
| ( 405607.2, | 3818884.5, | 926.0,  | 1606.9, | 0.0); | ( 405598.5, |

```

3818927.9, 926.2, 1606.9, 0.0);
 (405589.8, 3818971.3, 926.3, 1606.9, 0.0); (405581.1,
3819014.7, 926.3, 1606.9, 0.0);
 (405572.4, 3819058.1, 925.9, 1606.9, 0.0); (405563.7,
3819101.5, 925.6, 1606.9, 0.0);
 (405554.9, 3819144.9, 925.6, 1606.9, 0.0); (405546.2,
3819188.3, 926.4, 1606.9, 0.0);
 (405537.5, 3819231.7, 928.1, 1606.9, 0.0); (405528.8,
3819275.1, 928.3, 1606.9, 0.0);
 (405520.1, 3819318.4, 927.2, 1606.9, 0.0); (405511.3,
3819361.8, 926.0, 1606.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 164

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (405502.6, 3819405.2, 925.6, 1606.9, 0.0); (405493.9,
3819448.6, 925.3, 1606.6, 0.0);
 (405485.2, 3819492.0, 925.0, 1606.3, 0.0); (405476.5,
3819535.4, 924.4, 1606.3, 0.0);
 (405467.8, 3819578.8, 923.6, 1596.2, 0.0); (405459.0,
3819622.2, 922.2, 1595.1, 0.0);
 (405450.3, 3819665.6, 920.4, 1552.7, 0.0); (405441.6,
3819709.0, 918.6, 1552.7, 0.0);
 (405432.9, 3819752.4, 917.1, 1552.7, 0.0); (405424.2,
3819795.8, 915.7, 1552.7, 0.0);
 (405415.5, 3819839.2, 914.6, 1552.7, 0.0); (405406.7,
3819882.6, 913.2, 1552.7, 0.0);
 (405398.0, 3819925.9, 907.5, 1552.7, 0.0); (405389.3,
3819969.3, 902.8, 1552.7, 0.0);
 (405380.6, 3820012.7, 900.1, 1552.7, 0.0); (405371.9,
3820056.1, 898.6, 1552.7, 0.0);
 (405363.1, 3820099.5, 898.3, 1552.7, 0.0); (405354.4,
3820142.9, 900.8, 1552.7, 0.0);
 (405345.7, 3820186.3, 910.5, 1552.7, 0.0); (405337.0,
3820229.7, 913.9, 1552.7, 0.0);
 (405328.3, 3820273.1, 909.4, 1552.7, 0.0); (405319.6,
3820316.5, 920.5, 1552.7, 0.0);
 (405310.8, 3820359.9, 929.6, 1540.1, 0.0); (405302.1,
3820403.3, 922.4, 1550.5, 0.0);
 (405293.4, 3820446.7, 906.1, 1552.7, 0.0); (405284.7,
3820490.1, 900.9, 1552.7, 0.0);
 (405276.0, 3820533.5, 904.1, 1552.7, 0.0); (405267.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3820576.8,  | 900.5,     | 1552.7, | 0.0);   |       |             |
| ( 405258.5, | 3820620.2, | 897.6,  | 1552.7, | 0.0); | ( 405249.8, |
| 3820663.6,  | 896.5,     | 1552.7, | 0.0);   |       |             |
| ( 405241.1, | 3820707.0, | 903.4,  | 1540.1, | 0.0); | ( 405232.4, |
| 3820750.4,  | 916.1,     | 1540.1, | 0.0);   |       |             |
| ( 405223.7, | 3820793.8, | 913.5,  | 1540.1, | 0.0); | ( 405214.9, |
| 3820837.2,  | 911.8,     | 1540.1, | 0.0);   |       |             |
| ( 405206.2, | 3820880.6, | 904.9,  | 1540.1, | 0.0); | ( 405197.5, |
| 3820924.0,  | 900.7,     | 1540.1, | 0.0);   |       |             |
| ( 405188.8, | 3820967.4, | 897.7,  | 1540.1, | 0.0); | ( 405180.1, |
| 3821010.8,  | 890.6,     | 1540.1, | 0.0);   |       |             |
| ( 405171.3, | 3821054.2, | 889.1,  | 1540.1, | 0.0); | ( 405162.6, |
| 3821097.6,  | 885.8,     | 1540.1, | 0.0);   |       |             |
| ( 405153.9, | 3821141.0, | 885.6,  | 1540.1, | 0.0); | ( 405145.2, |
| 3821184.4,  | 887.7,     | 1540.1, | 0.0);   |       |             |
| ( 405136.5, | 3821227.8, | 881.8,  | 1540.1, | 0.0); | ( 405127.8, |
| 3821271.1,  | 885.0,     | 1540.1, | 0.0);   |       |             |
| ( 405119.0, | 3821314.5, | 888.1,  | 1540.1, | 0.0); | ( 405110.3, |
| 3821357.9,  | 887.2,     | 1540.1, | 0.0);   |       |             |
| ( 405101.6, | 3821401.3, | 885.3,  | 1540.1, | 0.0); | ( 405092.9, |
| 3821444.7,  | 882.7,     | 1540.1, | 0.0);   |       |             |
| ( 405084.2, | 3821488.1, | 880.9,  | 1540.1, | 0.0); | ( 405075.5, |
| 3821531.5,  | 879.3,     | 1540.1, | 0.0);   |       |             |
| ( 405066.7, | 3821574.9, | 878.5,  | 1540.1, | 0.0); | ( 405058.0, |
| 3821618.3,  | 877.0,     | 1540.1, | 0.0);   |       |             |
| ( 405049.3, | 3821661.7, | 875.4,  | 1540.1, | 0.0); | ( 405040.6, |
| 3821705.1,  | 874.5,     | 1540.1, | 0.0);   |       |             |
| ( 405031.9, | 3821748.5, | 872.1,  | 1540.1, | 0.0); | ( 405023.1, |
| 3821791.9,  | 869.9,     | 1540.1, | 0.0);   |       |             |
| ( 405014.4, | 3821835.3, | 868.4,  | 1540.1, | 0.0); | ( 405005.7, |
| 3821878.6,  | 867.1,     | 1540.1, | 0.0);   |       |             |
| ( 404997.0, | 3821922.0, | 865.5,  | 1540.1, | 0.0); | ( 404988.3, |
| 3821965.4,  | 863.7,     | 1540.1, | 0.0);   |       |             |
| ( 404979.6, | 3822008.8, | 861.7,  | 1540.1, | 0.0); | ( 404970.8, |
| 3822052.2,  | 860.1,     | 1539.0, | 0.0);   |       |             |
| ( 404962.1, | 3822095.6, | 858.9,  | 858.9,  | 0.0); | ( 404953.4, |
| 3822139.0,  | 857.9,     | 857.9,  | 0.0);   |       |             |
| ( 404944.7, | 3822182.4, | 856.8,  | 856.8,  | 0.0); | ( 404936.0, |
| 3822225.8,  | 855.6,     | 855.6,  | 0.0);   |       |             |
| ( 404927.2, | 3822269.2, | 854.4,  | 854.4,  | 0.0); | ( 404918.5, |
| 3822312.6,  | 853.4,     | 853.4,  | 0.0);   |       |             |
| ( 404909.8, | 3822356.0, | 852.0,  | 852.0,  | 0.0); | ( 404901.1, |
| 3822399.4,  | 850.6,     | 850.6,  | 0.0);   |       |             |
| ( 404892.4, | 3822442.8, | 849.4,  | 849.4,  | 0.0); | ( 404883.7, |
| 3822486.1,  | 848.3,     | 848.3,  | 0.0);   |       |             |
| ( 404874.9, | 3822529.5, | 847.1,  | 847.1,  | 0.0); | ( 404866.2, |
| 3822572.9,  | 846.0,     | 846.0,  | 0.0);   |       |             |
| ( 402448.8, | 3808704.4, | 1656.9, | 2167.9, | 0.0); | ( 402413.9, |
| 3808677.1,  | 1644.8,    | 2167.9, | 0.0);   |       |             |
| ( 402379.0, | 3808649.7, | 1633.5, | 2167.9, | 0.0); | ( 402344.1, |



```

3808622.4, 1625.9, 2167.9, 0.0);
(403300.1, 3807687.7, 1520.0, 2167.9, 0.0); (403322.8,
3807725.8, 1501.0, 2167.9, 0.0);
(403345.5, 3807763.8, 1486.9, 2167.9, 0.0); (403368.2,
3807801.9, 1485.9, 2167.9, 0.0);
(403390.9, 3807839.9, 1496.2, 2167.9, 0.0); (403413.6,
3807878.0, 1493.8, 2167.9, 0.0);
(403436.3, 3807916.0, 1501.4, 2167.9, 0.0); (403459.0,
3807954.1, 1503.5, 2167.9, 0.0);
(403481.7, 3807992.1, 1507.7, 2167.9, 0.0); (403504.4,
3808030.1, 1498.6, 2167.9, 0.0);
(403527.1, 3808068.2, 1482.0, 2167.9, 0.0); (403549.8,
3808106.2, 1493.9, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 165

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(403572.5, 3808144.3, 1500.4, 2167.9, 0.0); (403595.1,
3808182.3, 1490.6, 2167.9, 0.0);
(403617.8, 3808220.4, 1479.6, 2167.9, 0.0); (403640.5,
3808258.4, 1492.6, 2167.9, 0.0);
(403663.2, 3808296.5, 1510.0, 2167.9, 0.0); (403686.0,
3808334.5, 1517.2, 2167.9, 0.0);
(403708.6, 3808372.6, 1506.8, 2167.9, 0.0); (403731.3,
3808410.6, 1490.1, 2167.9, 0.0);
(403754.0, 3808448.6, 1473.9, 2167.9, 0.0); (403776.7,
3808486.7, 1473.9, 2167.9, 0.0);
(403799.4, 3808524.7, 1493.4, 2167.9, 0.0); (403822.1,
3808562.8, 1489.6, 2167.9, 0.0);
(403844.8, 3808600.8, 1473.2, 2167.9, 0.0); (403867.5,
3808638.9, 1455.9, 2167.9, 0.0);
(403890.2, 3808676.9, 1438.2, 2167.9, 0.0); (403912.9,
3808715.0, 1423.9, 2167.9, 0.0);
(403935.6, 3808753.0, 1415.6, 2167.9, 0.0); (403958.3,
3808791.1, 1413.8, 2167.9, 0.0);
(403981.0, 3808829.1, 1421.8, 2167.9, 0.0); (404003.7,
3808867.1, 1427.5, 2167.9, 0.0);
(404026.4, 3808905.2, 1433.1, 2167.9, 0.0); (404049.1,
3808943.2, 1437.0, 2167.9, 0.0);
(404071.8, 3808981.3, 1448.5, 2167.9, 0.0); (404094.5,
3809019.3, 1454.3, 2167.9, 0.0);
(404117.2, 3809057.4, 1452.3, 2167.9, 0.0); (404139.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809095.4,  | 1447.4,    | 2167.9, | 0.0);   |       |             |
| ( 404162.6, | 3809133.5, | 1435.6, | 2167.9, | 0.0); | ( 404185.3, |
| 3809171.5,  | 1415.2,    | 2167.9, | 0.0);   |       |             |
| ( 404208.0, | 3809209.6, | 1390.8, | 2167.9, | 0.0); | ( 404230.7, |
| 3809247.6,  | 1366.5,    | 2167.9, | 0.0);   |       |             |
| ( 404253.4, | 3809285.6, | 1350.2, | 2167.9, | 0.0); | ( 404276.1, |
| 3809323.7,  | 1339.6,    | 2167.9, | 0.0);   |       |             |
| ( 404298.8, | 3809361.7, | 1337.9, | 2167.9, | 0.0); | ( 404321.5, |
| 3809399.8,  | 1334.8,    | 2167.9, | 0.0);   |       |             |
| ( 404344.2, | 3809437.8, | 1345.2, | 2167.9, | 0.0); | ( 404366.9, |
| 3809475.9,  | 1374.5,    | 2167.9, | 0.0);   |       |             |
| ( 404389.6, | 3809513.9, | 1406.9, | 2167.9, | 0.0); | ( 404412.3, |
| 3809552.0,  | 1434.9,    | 2167.9, | 0.0);   |       |             |
| ( 404435.0, | 3809590.0, | 1453.6, | 2167.9, | 0.0); | ( 404457.7, |
| 3809628.0,  | 1467.3,    | 2167.9, | 0.0);   |       |             |
| ( 404480.4, | 3809666.1, | 1469.7, | 2167.9, | 0.0); | ( 404503.1, |
| 3809704.1,  | 1455.7,    | 2167.9, | 0.0);   |       |             |
| ( 404525.8, | 3809742.2, | 1450.6, | 2167.9, | 0.0); | ( 404548.5, |
| 3809780.2,  | 1446.5,    | 2167.9, | 0.0);   |       |             |
| ( 404571.2, | 3809818.3, | 1435.1, | 2167.9, | 0.0); | ( 404593.9, |
| 3809856.3,  | 1414.5,    | 2167.9, | 0.0);   |       |             |
| ( 404616.6, | 3809894.4, | 1389.4, | 2167.9, | 0.0); | ( 404639.2, |
| 3809932.4,  | 1371.4,    | 2167.9, | 0.0);   |       |             |
| ( 404662.0, | 3809970.5, | 1367.7, | 2167.9, | 0.0); | ( 404684.6, |
| 3810008.5,  | 1366.9,    | 2167.9, | 0.0);   |       |             |
| ( 404707.3, | 3810046.5, | 1353.6, | 2167.9, | 0.0); | ( 404730.0, |
| 3810084.6,  | 1346.9,    | 2167.9, | 0.0);   |       |             |
| ( 404752.7, | 3810122.6, | 1335.9, | 2167.9, | 0.0); | ( 404775.4, |
| 3810160.7,  | 1336.7,    | 2167.9, | 0.0);   |       |             |
| ( 404798.1, | 3810198.7, | 1328.6, | 2167.9, | 0.0); | ( 404820.8, |
| 3810236.8,  | 1313.0,    | 2167.9, | 0.0);   |       |             |
| ( 404843.5, | 3810274.8, | 1307.3, | 2167.9, | 0.0); | ( 404866.2, |
| 3810312.9,  | 1311.0,    | 2167.9, | 0.0);   |       |             |
| ( 404888.9, | 3810350.9, | 1311.9, | 2167.9, | 0.0); | ( 404911.6, |
| 3810389.0,  | 1307.3,    | 2167.9, | 0.0);   |       |             |
| ( 404934.3, | 3810427.0, | 1310.2, | 2167.9, | 0.0); | ( 404957.0, |
| 3810465.0,  | 1337.2,    | 2167.9, | 0.0);   |       |             |
| ( 404979.7, | 3810503.1, | 1362.8, | 2167.9, | 0.0); | ( 405002.4, |
| 3810541.1,  | 1370.4,    | 2167.9, | 0.0);   |       |             |
| ( 405025.1, | 3810579.2, | 1357.5, | 2167.9, | 0.0); | ( 405047.8, |
| 3810617.2,  | 1338.3,    | 2167.9, | 0.0);   |       |             |
| ( 405070.5, | 3810655.3, | 1322.4, | 2167.9, | 0.0); | ( 405093.2, |
| 3810693.3,  | 1320.3,    | 2167.9, | 0.0);   |       |             |
| ( 405115.9, | 3810731.4, | 1311.8, | 2167.9, | 0.0); | ( 405138.6, |
| 3810769.4,  | 1288.6,    | 2167.9, | 0.0);   |       |             |
| ( 405161.3, | 3810807.5, | 1297.4, | 2167.9, | 0.0); | ( 405184.0, |
| 3810845.5,  | 1310.5,    | 2167.9, | 0.0);   |       |             |
| ( 405206.7, | 3810883.5, | 1310.0, | 2167.9, | 0.0); | ( 405229.4, |
| 3810921.6,  | 1312.0,    | 2167.9, | 0.0);   |       |             |
| ( 405252.1, | 3810959.6, | 1332.6, | 2167.9, | 0.0); | ( 405274.8, |

```

3810997.7, 1352.2, 2167.9, 0.0);
(405297.5, 3811035.7, 1367.6, 2167.9, 0.0); (405320.2,
3811073.8, 1373.7, 2167.9, 0.0);
(405342.9, 3811111.8, 1370.9, 2167.9, 0.0); (405365.6,
3811149.9, 1356.1, 2167.9, 0.0);
(405388.3, 3811187.9, 1333.7, 2167.9, 0.0); (405411.0,
3811226.0, 1319.0, 2167.9, 0.0);
(405433.7, 3811264.0, 1314.6, 2167.9, 0.0); (405456.4,
3811302.0, 1325.3, 2167.9, 0.0);
(405479.1, 3811340.1, 1339.6, 2167.9, 0.0); (405501.8,
3811378.1, 1344.0, 2167.9, 0.0);
(405524.5, 3811416.2, 1321.8, 2167.9, 0.0); (405547.2,
3811454.2, 1296.4, 2167.9, 0.0);
(405569.9, 3811492.3, 1276.7, 2167.9, 0.0); (405592.6,
3811530.3, 1263.3, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 166

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(405615.3, 3811568.4, 1242.2, 2167.9, 0.0); (405638.0,
3811606.4, 1243.5, 2167.9, 0.0);
(405660.6, 3811644.5, 1263.4, 2167.9, 0.0); (405683.3,
3811682.5, 1281.3, 2167.9, 0.0);
(405706.0, 3811720.5, 1280.9, 2167.9, 0.0); (405728.8,
3811758.6, 1278.1, 2167.9, 0.0);
(405751.5, 3811796.6, 1275.2, 2167.9, 0.0); (405774.1,
3811834.7, 1262.5, 2167.9, 0.0);
(405796.8, 3811872.7, 1240.6, 2167.9, 0.0); (405819.5,
3811910.8, 1218.9, 2167.9, 0.0);
(405842.2, 3811948.8, 1196.6, 2429.2, 0.0); (405864.9,
3811986.9, 1187.3, 2429.2, 0.0);
(405887.6, 3812024.9, 1192.8, 2429.2, 0.0); (405910.3,
3812062.9, 1210.0, 2167.9, 0.0);
(405933.0, 3812101.0, 1230.3, 2167.9, 0.0); (405955.7,
3812139.0, 1247.4, 2167.9, 0.0);
(405978.4, 3812177.1, 1254.8, 2167.9, 0.0); (406001.1,
3812215.1, 1245.1, 2167.9, 0.0);
(406023.8, 3812253.2, 1231.7, 2167.9, 0.0); (406046.5,
3812291.2, 1224.3, 2167.9, 0.0);
(406069.2, 3812329.3, 1212.1, 2167.9, 0.0); (406091.9,
3812367.3, 1211.9, 2167.9, 0.0);
(406114.6, 3812405.4, 1220.6, 2167.9, 0.0); (406137.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812443.4,  | 1213.5,    | 2167.9, | 0.0);   |       |             |
| ( 406160.0, | 3812481.4, | 1189.6, | 2429.2, | 0.0); | ( 406182.7, |
| 3812519.5,  | 1175.8,    | 2429.2, | 0.0);   |       |             |
| ( 406205.4, | 3812557.5, | 1166.6, | 2429.2, | 0.0); | ( 406228.1, |
| 3812595.6,  | 1148.3,    | 2429.2, | 0.0);   |       |             |
| ( 406250.8, | 3812633.6, | 1136.5, | 2429.2, | 0.0); | ( 406273.5, |
| 3812671.7,  | 1121.0,    | 2429.2, | 0.0);   |       |             |
| ( 406296.2, | 3812709.7, | 1120.4, | 2429.2, | 0.0); | ( 406318.9, |
| 3812747.8,  | 1119.5,    | 2429.2, | 0.0);   |       |             |
| ( 406341.6, | 3812785.8, | 1128.6, | 2429.2, | 0.0); | ( 406364.3, |
| 3812823.9,  | 1122.1,    | 2429.2, | 0.0);   |       |             |
| ( 406387.0, | 3812861.9, | 1101.2, | 2429.2, | 0.0); | ( 406409.7, |
| 3812899.9,  | 1091.9,    | 2429.2, | 0.0);   |       |             |
| ( 406432.4, | 3812938.0, | 1076.9, | 2429.2, | 0.0); | ( 406455.1, |
| 3812976.0,  | 1062.5,    | 2429.2, | 0.0);   |       |             |
| ( 406477.8, | 3813014.1, | 1055.5, | 2429.2, | 0.0); | ( 406500.5, |
| 3813052.1,  | 1046.8,    | 2429.2, | 0.0);   |       |             |
| ( 406523.2, | 3813090.2, | 1033.7, | 2429.2, | 0.0); | ( 406545.9, |
| 3813128.2,  | 1027.4,    | 2429.2, | 0.0);   |       |             |
| ( 406568.6, | 3813166.3, | 1026.6, | 2429.2, | 0.0); | ( 406591.3, |
| 3813204.3,  | 1024.5,    | 2429.2, | 0.0);   |       |             |
| ( 406614.0, | 3813242.4, | 1022.8, | 2429.2, | 0.0); | ( 406636.7, |
| 3813280.4,  | 1022.5,    | 2429.2, | 0.0);   |       |             |
| ( 406659.4, | 3813318.4, | 1044.1, | 2429.2, | 0.0); | ( 406682.0, |
| 3813356.5,  | 1076.9,    | 2429.2, | 0.0);   |       |             |
| ( 406704.8, | 3813394.5, | 1102.5, | 2429.2, | 0.0); | ( 406727.5, |
| 3813432.6,  | 1121.8,    | 2429.2, | 0.0);   |       |             |
| ( 406750.1, | 3813470.6, | 1108.0, | 2429.2, | 0.0); | ( 406772.8, |
| 3813508.7,  | 1112.7,    | 2429.2, | 0.0);   |       |             |
| ( 406795.5, | 3813546.7, | 1124.1, | 2429.2, | 0.0); | ( 406818.2, |
| 3813584.8,  | 1107.0,    | 2429.2, | 0.0);   |       |             |
| ( 406840.9, | 3813622.8, | 1087.8, | 2429.2, | 0.0); | ( 406863.6, |
| 3813660.9,  | 1083.9,    | 2429.2, | 0.0);   |       |             |
| ( 406886.3, | 3813698.9, | 1099.8, | 2429.2, | 0.0); | ( 406909.0, |
| 3813736.9,  | 1114.2,    | 2429.2, | 0.0);   |       |             |
| ( 406931.7, | 3813775.0, | 1118.0, | 2429.2, | 0.0); | ( 406954.4, |
| 3813813.0,  | 1128.7,    | 2429.2, | 0.0);   |       |             |
| ( 406977.1, | 3813851.1, | 1129.8, | 2429.2, | 0.0); | ( 406999.8, |
| 3813889.1,  | 1136.6,    | 2429.2, | 0.0);   |       |             |
| ( 407022.5, | 3813927.2, | 1144.6, | 2429.2, | 0.0); | ( 407045.2, |
| 3813965.2,  | 1152.7,    | 2429.2, | 0.0);   |       |             |
| ( 407067.9, | 3814003.3, | 1149.5, | 2429.2, | 0.0); | ( 407090.6, |
| 3814041.3,  | 1143.5,    | 2429.2, | 0.0);   |       |             |
| ( 407113.3, | 3814079.4, | 1148.6, | 2429.2, | 0.0); | ( 407136.0, |
| 3814117.4,  | 1168.8,    | 2429.2, | 0.0);   |       |             |
| ( 407158.7, | 3814155.4, | 1187.7, | 2167.9, | 0.0); | ( 407181.4, |
| 3814193.5,  | 1206.3,    | 2167.9, | 0.0);   |       |             |
| ( 407204.1, | 3814231.5, | 1208.1, | 2167.9, | 0.0); | ( 407226.8, |
| 3814269.6,  | 1203.4,    | 2167.9, | 0.0);   |       |             |
| ( 407249.5, | 3814307.6, | 1208.7, | 2163.1, | 0.0); | ( 407272.2, |

```

3814345.7, 1215.3, 2007.2, 0.0);
(407294.9, 3814383.7, 1223.0, 2007.2, 0.0); (407317.6,
3814421.8, 1231.4, 1505.1, 0.0);
(407340.3, 3814459.8, 1244.7, 1505.1, 0.0); (407363.0,
3814497.8, 1263.5, 1505.1, 0.0);
(407385.7, 3814535.9, 1277.8, 1498.5, 0.0); (407408.4,
3814573.9, 1281.0, 1488.0, 0.0);
(407431.1, 3814612.0, 1270.0, 1505.1, 0.0); (407453.8,
3814650.0, 1251.6, 1505.1, 0.0);
(407476.5, 3814688.1, 1227.2, 1505.1, 0.0); (407499.2,
3814726.1, 1202.9, 2007.2, 0.0);
(407521.9, 3814764.2, 1194.9, 2007.2, 0.0); (407544.6,
3814802.2, 1197.9, 2007.2, 0.0);
(407567.3, 3814840.3, 1184.4, 2010.3, 0.0); (407590.0,
3814878.3, 1198.7, 2007.2, 0.0);
(407612.7, 3814916.3, 1205.7, 2007.2, 0.0); (407635.4,
3814954.4, 1226.1, 1505.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 167

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(407653.7, 3815014.2, 1256.0, 1495.6, 0.0); (407645.0,
3815057.6, 1258.4, 1488.0, 0.0);
(407636.2, 3815101.0, 1254.5, 1488.0, 0.0); (407627.5,
3815144.5, 1236.6, 1505.1, 0.0);
(407618.8, 3815187.9, 1232.5, 1505.1, 0.0); (407610.1,
3815231.3, 1249.2, 1488.0, 0.0);
(407601.3, 3815274.8, 1252.5, 1488.0, 0.0); (407592.6,
3815318.2, 1239.9, 1488.0, 0.0);
(407583.9, 3815361.6, 1224.2, 1495.6, 0.0); (407575.2,
3815405.1, 1217.5, 1495.6, 0.0);
(407566.4, 3815448.5, 1227.3, 1488.0, 0.0); (407557.7,
3815491.9, 1222.3, 1488.0, 0.0);
(407549.0, 3815535.4, 1209.8, 1488.0, 0.0); (407540.3,
3815578.8, 1196.1, 1504.2, 0.0);
(407531.5, 3815622.2, 1178.9, 1505.1, 0.0); (407522.8,
3815665.7, 1157.7, 1505.1, 0.0);
(407514.1, 3815709.1, 1139.9, 2007.2, 0.0); (407505.3,
3815752.5, 1128.7, 2007.2, 0.0);
(407496.6, 3815796.0, 1127.6, 2007.2, 0.0); (407487.9,
3815839.4, 1124.7, 2007.2, 0.0);
(407479.2, 3815882.8, 1127.3, 2007.2, 0.0); (407470.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815926.3,  | 1146.1,    | 1505.1, | 0.0);   |       |             |
| ( 407461.7, | 3815969.7, | 1164.7, | 1495.6, | 0.0); | ( 407453.0, |
| 3816013.1,  | 1149.8,    | 1505.1, | 0.0);   |       |             |
| ( 407444.3, | 3816056.6, | 1145.6, | 1505.1, | 0.0); | ( 407435.5, |
| 3816100.0,  | 1145.9,    | 1501.5, | 0.0);   |       |             |
| ( 407426.8, | 3816143.4, | 1160.0, | 1488.0, | 0.0); | ( 407418.1, |
| 3816186.9,  | 1181.6,    | 1488.0, | 0.0);   |       |             |
| ( 407409.4, | 3816230.3, | 1194.0, | 1471.5, | 0.0); | ( 407400.6, |
| 3816273.7,  | 1204.2,    | 1471.5, | 0.0);   |       |             |
| ( 407391.9, | 3816317.2, | 1224.8, | 1471.5, | 0.0); | ( 407383.2, |
| 3816360.6,  | 1240.7,    | 1450.0, | 0.0);   |       |             |
| ( 407374.5, | 3816404.0, | 1239.7, | 1450.0, | 0.0); | ( 407365.7, |
| 3816447.5,  | 1241.2,    | 1411.6, | 0.0);   |       |             |
| ( 407357.0, | 3816490.9, | 1249.8, | 1410.6, | 0.0); | ( 407348.3, |
| 3816534.3,  | 1245.8,    | 1410.6, | 0.0);   |       |             |
| ( 407339.6, | 3816577.8, | 1241.0, | 1410.6, | 0.0); | ( 407330.8, |
| 3816621.2,  | 1240.8,    | 1408.2, | 0.0);   |       |             |
| ( 407322.1, | 3816664.6, | 1227.5, | 1411.6, | 0.0); | ( 407313.4, |
| 3816708.1,  | 1221.5,    | 1411.6, | 0.0);   |       |             |
| ( 407304.7, | 3816751.5, | 1218.0, | 1411.6, | 0.0); | ( 407295.9, |
| 3816794.9,  | 1200.2,    | 1450.0, | 0.0);   |       |             |
| ( 407287.2, | 3816838.4, | 1186.9, | 1471.5, | 0.0); | ( 407278.5, |
| 3816881.8,  | 1186.3,    | 1471.5, | 0.0);   |       |             |
| ( 407269.8, | 3816925.2, | 1190.9, | 1450.0, | 0.0); | ( 407261.0, |
| 3816968.7,  | 1195.5,    | 1411.6, | 0.0);   |       |             |
| ( 407252.3, | 3817012.1, | 1189.8, | 1411.6, | 0.0); | ( 407243.6, |
| 3817055.5,  | 1187.1,    | 1411.6, | 0.0);   |       |             |
| ( 407234.8, | 3817099.0, | 1177.2, | 1411.6, | 0.0); | ( 407226.1, |
| 3817142.4,  | 1153.6,    | 1471.5, | 0.0);   |       |             |
| ( 407217.4, | 3817185.8, | 1134.9, | 1471.5, | 0.0); | ( 407208.7, |
| 3817229.3,  | 1135.4,    | 1471.5, | 0.0);   |       |             |
| ( 407199.9, | 3817272.7, | 1138.6, | 1471.5, | 0.0); | ( 407191.2, |
| 3817316.1,  | 1147.4,    | 1450.0, | 0.0);   |       |             |
| ( 407182.5, | 3817359.6, | 1149.7, | 1411.6, | 0.0); | ( 407173.8, |
| 3817403.0,  | 1146.9,    | 1411.6, | 0.0);   |       |             |
| ( 407165.0, | 3817446.4, | 1138.4, | 1450.0, | 0.0); | ( 407156.3, |
| 3817489.9,  | 1124.5,    | 1471.5, | 0.0);   |       |             |
| ( 407147.6, | 3817533.3, | 1103.3, | 1540.1, | 0.0); | ( 407138.9, |
| 3817576.8,  | 1089.7,    | 1540.1, | 0.0);   |       |             |
| ( 407130.1, | 3817620.2, | 1069.4, | 1540.1, | 0.0); | ( 407121.4, |
| 3817663.6,  | 1052.5,    | 1540.1, | 0.0);   |       |             |
| ( 407112.7, | 3817707.0, | 1049.5, | 1540.1, | 0.0); | ( 407104.0, |
| 3817750.5,  | 1042.7,    | 1540.1, | 0.0);   |       |             |
| ( 407095.2, | 3817793.9, | 1047.1, | 1540.1, | 0.0); | ( 407086.5, |
| 3817837.4,  | 1039.0,    | 1540.1, | 0.0);   |       |             |
| ( 407077.8, | 3817880.8, | 1032.1, | 1540.1, | 0.0); | ( 407069.0, |
| 3817924.2,  | 1024.8,    | 1540.1, | 0.0);   |       |             |
| ( 407060.3, | 3817967.7, | 1015.8, | 1547.0, | 0.0); | ( 407051.6, |
| 3818011.1,  | 1000.0,    | 1552.7, | 0.0);   |       |             |
| ( 407042.9, | 3818054.5, | 990.2,  | 1552.7, | 0.0); | ( 407034.1, |

```

3818098.0, 998.0, 1552.7, 0.0);
 (407025.4, 3818141.4, 995.9, 1552.7, 0.0); (407016.7,
3818184.8, 984.7, 1552.7, 0.0);
 (407008.0, 3818228.3, 983.4, 1552.7, 0.0); (406999.2,
3818271.7, 981.6, 1552.7, 0.0);
 (406990.5, 3818315.1, 985.5, 1552.7, 0.0); (406981.8,
3818358.6, 981.1, 1552.7, 0.0);
 (406973.1, 3818402.0, 980.6, 1552.7, 0.0); (406964.3,
3818445.4, 977.6, 1552.7, 0.0);
 (406955.6, 3818488.9, 974.4, 1552.7, 0.0); (406946.9,
3818532.3, 970.5, 1552.7, 0.0);
 (406938.2, 3818575.7, 960.8, 1552.7, 0.0); (406929.4,
3818619.2, 956.7, 1552.7, 0.0);
 (406920.7, 3818662.6, 958.0, 1552.7, 0.0); (406912.0,
3818706.0, 963.6, 1552.7, 0.0);
 (406903.3, 3818749.5, 962.1, 1552.7, 0.0); (406894.5,
3818792.9, 952.4, 1552.7, 0.0);
 (406885.8, 3818836.3, 943.6, 1552.7, 0.0); (406877.1,
3818879.8, 938.1, 1552.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 168

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (406868.3, 3818923.2, 936.9, 1552.7, 0.0); (406859.6,
3818966.6, 936.2, 1552.7, 0.0);
 (406850.9, 3819010.1, 936.6, 1552.7, 0.0); (406842.2,
3819053.5, 932.2, 1552.7, 0.0);
 (406833.5, 3819096.9, 928.6, 1552.7, 0.0); (406824.7,
3819140.4, 922.2, 1552.7, 0.0);
 (406816.0, 3819183.8, 909.2, 1552.7, 0.0); (406807.3,
3819227.2, 904.4, 1552.7, 0.0);
 (406798.5, 3819270.7, 903.4, 1552.7, 0.0); (406789.8,
3819314.1, 903.0, 1552.7, 0.0);
 (406781.1, 3819357.5, 902.2, 1552.7, 0.0); (406772.4,
3819401.0, 901.8, 1552.7, 0.0);
 (406763.6, 3819444.4, 904.0, 1552.7, 0.0); (406754.9,
3819487.8, 906.5, 1552.7, 0.0);
 (406746.2, 3819531.3, 908.2, 1552.7, 0.0); (406737.5,
3819574.7, 911.1, 1552.7, 0.0);
 (406728.7, 3819618.1, 914.0, 1552.7, 0.0); (406720.0,
3819661.6, 919.9, 1540.1, 0.0);
 (406711.3, 3819705.0, 922.3, 1540.1, 0.0); (406702.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819748.4,  | 926.6,     | 1540.1, | 0.0);   |       |             |
| ( 406693.8, | 3819791.9, | 931.5,  | 1540.1, | 0.0); | ( 406685.1, |
| 3819835.3,  | 934.2,     | 1540.1, | 0.0);   |       |             |
| ( 406676.4, | 3819878.7, | 938.5,  | 1540.1, | 0.0); | ( 406667.6, |
| 3819922.2,  | 944.0,     | 1540.1, | 0.0);   |       |             |
| ( 406658.9, | 3819965.6, | 952.1,  | 1540.1, | 0.0); | ( 406650.2, |
| 3820009.0,  | 955.0,     | 1540.1, | 0.0);   |       |             |
| ( 406641.5, | 3820052.5, | 957.5,  | 1540.1, | 0.0); | ( 406632.8, |
| 3820095.9,  | 960.9,     | 1540.1, | 0.0);   |       |             |
| ( 406624.0, | 3820139.3, | 961.5,  | 1540.1, | 0.0); | ( 406615.3, |
| 3820182.8,  | 960.8,     | 1540.1, | 0.0);   |       |             |
| ( 406606.6, | 3820226.2, | 959.4,  | 1540.1, | 0.0); | ( 406597.8, |
| 3820269.6,  | 958.8,     | 958.8,  | 0.0);   |       |             |
| ( 406589.1, | 3820313.1, | 950.8,  | 1540.1, | 0.0); | ( 406580.4, |
| 3820356.5,  | 940.0,     | 1540.1, | 0.0);   |       |             |
| ( 406571.7, | 3820399.9, | 931.2,  | 1540.1, | 0.0); | ( 406562.9, |
| 3820443.4,  | 924.8,     | 1540.1, | 0.0);   |       |             |
| ( 406554.2, | 3820486.8, | 919.0,  | 1540.1, | 0.0); | ( 406545.5, |
| 3820530.2,  | 914.3,     | 1540.1, | 0.0);   |       |             |
| ( 406536.8, | 3820573.7, | 908.6,  | 1540.1, | 0.0); | ( 406528.0, |
| 3820617.1,  | 903.9,     | 1540.1, | 0.0);   |       |             |
| ( 406519.3, | 3820660.5, | 900.0,  | 1540.1, | 0.0); | ( 406510.6, |
| 3820704.0,  | 897.6,     | 1540.1, | 0.0);   |       |             |
| ( 406501.9, | 3820747.4, | 892.3,  | 1540.1, | 0.0); | ( 406493.1, |
| 3820790.8,  | 886.4,     | 1540.1, | 0.0);   |       |             |
| ( 406484.4, | 3820834.3, | 883.7,  | 1540.1, | 0.0); | ( 406475.7, |
| 3820877.7,  | 880.5,     | 1540.1, | 0.0);   |       |             |
| ( 406467.0, | 3820921.1, | 877.2,  | 1540.1, | 0.0); | ( 406458.2, |
| 3820964.6,  | 875.3,     | 1540.1, | 0.0);   |       |             |
| ( 406449.5, | 3821008.0, | 873.4,  | 1540.1, | 0.0); | ( 406440.8, |
| 3821051.4,  | 871.0,     | 1540.1, | 0.0);   |       |             |
| ( 406432.0, | 3821094.9, | 868.9,  | 1540.1, | 0.0); | ( 406423.3, |
| 3821138.3,  | 866.3,     | 1540.1, | 0.0);   |       |             |
| ( 406414.6, | 3821181.8, | 863.7,  | 1540.1, | 0.0); | ( 406405.9, |
| 3821225.2,  | 861.5,     | 1540.1, | 0.0);   |       |             |
| ( 406397.1, | 3821268.6, | 860.7,  | 1540.1, | 0.0); | ( 406388.4, |
| 3821312.1,  | 860.2,     | 1540.1, | 0.0);   |       |             |
| ( 406379.7, | 3821355.5, | 859.6,  | 1540.1, | 0.0); | ( 406371.0, |
| 3821398.9,  | 859.2,     | 1540.1, | 0.0);   |       |             |
| ( 406362.2, | 3821442.4, | 858.7,  | 1540.1, | 0.0); | ( 406353.5, |
| 3821485.8,  | 858.1,     | 1540.1, | 0.0);   |       |             |
| ( 406344.8, | 3821529.2, | 857.5,  | 1540.1, | 0.0); | ( 406336.1, |
| 3821572.7,  | 856.9,     | 1540.1, | 0.0);   |       |             |
| ( 406327.3, | 3821616.1, | 856.4,  | 856.4,  | 0.0); | ( 406318.6, |
| 3821659.5,  | 856.0,     | 856.0,  | 0.0);   |       |             |
| ( 406309.9, | 3821703.0, | 855.4,  | 855.4,  | 0.0); | ( 406301.2, |
| 3821746.4,  | 854.9,     | 854.9,  | 0.0);   |       |             |
| ( 406292.4, | 3821789.8, | 854.5,  | 854.5,  | 0.0); | ( 406283.7, |
| 3821833.3,  | 854.0,     | 854.0,  | 0.0);   |       |             |
| ( 406275.0, | 3821876.7, | 853.2,  | 853.2,  | 0.0); | ( 406266.3, |



```

3821920.1, 852.3, 852.3, 0.0);
(406257.5, 3821963.6, 851.9, 851.9, 0.0); (406248.8,
3822007.0, 851.5, 851.5, 0.0);
(406240.1, 3822050.4, 851.1, 851.1, 0.0); (406231.3,
3822093.9, 850.9, 850.9, 0.0);
(406222.6, 3822137.3, 850.8, 850.8, 0.0); (406213.9,
3822180.7, 849.8, 849.8, 0.0);
(406205.2, 3822224.2, 849.2, 849.2, 0.0); (406196.5,
3822267.6, 848.8, 848.8, 0.0);
(406187.7, 3822311.0, 848.4, 848.4, 0.0); (406179.0,
3822354.5, 847.8, 847.8, 0.0);
(406170.3, 3822397.9, 847.2, 847.2, 0.0); (406161.5,
3822441.3, 846.8, 846.8, 0.0);
(406152.8, 3822484.8, 846.2, 846.2, 0.0); (406144.1,
3822528.2, 845.8, 845.8, 0.0);
(406135.4, 3822571.6, 845.3, 845.3, 0.0); (406126.6,
3822615.1, 844.8, 844.8, 0.0);
(406117.9, 3822658.5, 844.3, 844.3, 0.0); (406109.2,
3822701.9, 844.0, 844.0, 0.0);
(406100.5, 3822745.4, 843.5, 843.5, 0.0); (406091.7,
3822788.8, 843.2, 843.2, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 169

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(406083.0, 3822832.2, 842.8, 842.8, 0.0); (406074.3,
3822875.7, 842.4, 842.4, 0.0);
(406065.6, 3822919.1, 842.1, 842.1, 0.0); (406056.8,
3822962.5, 841.7, 841.7, 0.0);
(406048.1, 3823006.0, 841.3, 841.3, 0.0); (406039.4,
3823049.4, 840.8, 840.8, 0.0);
(406030.6, 3823092.8, 840.3, 840.3, 0.0); (406021.9,
3823136.3, 839.8, 839.8, 0.0);
(406013.2, 3823179.7, 838.5, 838.5, 0.0); (406004.5,
3823223.1, 839.0, 839.0, 0.0);
(405995.8, 3823266.6, 838.7, 838.7, 0.0); (405987.0,
3823310.0, 838.2, 838.2, 0.0);
(403271.3, 3807655.0, 1527.2, 2167.9, 0.0); (403236.4,
3807627.7, 1539.1, 2167.9, 0.0);
(403201.5, 3807600.3, 1543.0, 2167.9, 0.0); (403166.6,
3807573.0, 1543.9, 2167.9, 0.0);
(395836.7, 3816831.8, 936.8, 1606.1, 0.0); (395824.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816811.1,  | 936.5,     | 1606.1, | 0.0);   |       |             |
| ( 395812.8, | 3816790.3, | 937.2,  | 1353.8, | 0.0); | ( 395800.8, |
| 3816769.6,  | 937.1,     | 1353.8, | 0.0);   |       |             |
| ( 395788.9, | 3816748.8, | 936.9,  | 1353.8, | 0.0); | ( 395870.3, |
| 3816840.1,  | 934.3,     | 1606.9, | 0.0);   |       |             |
| ( 395858.4, | 3816819.3, | 934.1,  | 1606.9, | 0.0); | ( 395846.4, |
| 3816798.6,  | 934.4,     | 1606.9, | 0.0);   |       |             |
| ( 395834.5, | 3816777.8, | 935.0,  | 1606.9, | 0.0); | ( 395822.5, |
| 3816757.1,  | 935.6,     | 1606.9, | 0.0);   |       |             |
| ( 395810.6, | 3816736.3, | 934.7,  | 1606.9, | 0.0); | ( 395880.0, |
| 3816806.9,  | 935.7,     | 1606.9, | 0.0);   |       |             |
| ( 395868.1, | 3816786.1, | 936.6,  | 1606.9, | 0.0); | ( 395856.1, |
| 3816765.4,  | 935.6,     | 1606.9, | 0.0);   |       |             |
| ( 395844.2, | 3816744.6, | 934.8,  | 1606.9, | 0.0); | ( 395832.2, |
| 3816723.9,  | 932.3,     | 1606.9, | 0.0);   |       |             |
| ( 395901.7, | 3816794.4, | 937.3,  | 1606.9, | 0.0); | ( 395889.8, |
| 3816773.6,  | 936.4,     | 1606.9, | 0.0);   |       |             |
| ( 395877.8, | 3816752.9, | 933.9,  | 1606.9, | 0.0); | ( 395865.8, |
| 3816732.1,  | 932.5,     | 1606.9, | 0.0);   |       |             |
| ( 395853.9, | 3816711.4, | 931.0,  | 1606.9, | 0.0); | ( 395933.1, |
| 3816748.7,  | 933.5,     | 1606.9, | 0.0);   |       |             |
| ( 395921.1, | 3816727.9, | 933.0,  | 1606.9, | 0.0); | ( 395909.2, |
| 3816707.2,  | 932.7,     | 1606.9, | 0.0);   |       |             |
| ( 395897.2, | 3816686.4, | 932.1,  | 1606.9, | 0.0); | ( 395964.5, |
| 3816703.0,  | 936.6,     | 1606.9, | 0.0);   |       |             |
| ( 395952.5, | 3816682.2, | 936.8,  | 1606.9, | 0.0); | ( 395940.6, |
| 3816661.5,  | 937.7,     | 1606.9, | 0.0);   |       |             |
| ( 396055.6, | 3816761.0, | 937.1,  | 1606.9, | 0.0); | ( 396007.8, |
| 3816678.0,  | 945.5,     | 1606.9, | 0.0);   |       |             |
| ( 395995.8, | 3816657.3, | 947.2,  | 1606.9, | 0.0); | ( 395983.9, |
| 3816636.5,  | 948.4,     | 1606.9, | 0.0);   |       |             |
| ( 396087.0, | 3816715.3, | 941.7,  | 1606.9, | 0.0); | ( 396039.2, |
| 3816632.3,  | 955.4,     | 1606.9, | 0.0);   |       |             |
| ( 396027.2, | 3816611.6, | 955.7,  | 1606.9, | 0.0); | ( 396142.2, |
| 3816711.1,  | 945.6,     | 1606.9, | 0.0);   |       |             |
| ( 396094.5, | 3816628.1, | 958.2,  | 1606.9, | 0.0); | ( 396070.6, |
| 3816586.6,  | 957.8,     | 1606.9, | 0.0);   |       |             |
| ( 396228.9, | 3816661.2, | 962.7,  | 1606.9, | 0.0); | ( 396217.0, |
| 3816640.5,  | 962.8,     | 1606.9, | 0.0);   |       |             |
| ( 396157.2, | 3816536.7, | 959.9,  | 1606.9, | 0.0); | ( 396315.6, |
| 3816611.3,  | 966.1,     | 1606.9, | 0.0);   |       |             |
| ( 396303.6, | 3816590.6, | 965.7,  | 1606.9, | 0.0); | ( 396291.7, |
| 3816569.8,  | 964.4,     | 1606.9, | 0.0);   |       |             |
| ( 396402.2, | 3816561.4, | 967.6,  | 1606.9, | 0.0); | ( 396366.4, |
| 3816499.2,  | 966.4,     | 1606.9, | 0.0);   |       |             |
| ( 396453.0, | 3816449.3, | 959.8,  | 1606.9, | 0.0); | ( 396756.4, |
| 3816274.7,  | 966.8,     | 1606.9, | 0.0);   |       |             |
| ( 397008.9, | 3816212.2, | 973.0,  | 1606.9, | 0.0); | ( 396996.9, |
| 3816191.4,  | 982.0,     | 1606.9, | 0.0);   |       |             |
| ( 396985.0, | 3816170.7, | 987.9,  | 1606.9, | 0.0); | ( 396973.0, |

```

3816149.9, 988.9, 1606.9, 0.0);
 (396961.1, 3816129.2, 991.2, 1606.9, 0.0); (396949.1,
3816108.4, 997.2, 1606.9, 0.0);
 (396937.2, 3816087.7, 1003.3, 1606.9, 0.0); (397225.5,
3816087.4, 976.6, 1606.9, 0.0);
 (397213.6, 3816066.7, 976.3, 1606.9, 0.0); (397201.6,
3816045.9, 976.4, 1606.9, 0.0);
 (397189.7, 3816025.2, 976.8, 1606.9, 0.0); (397177.7,
3816004.4, 977.4, 1606.9, 0.0);
 (397165.8, 3815983.7, 978.0, 1606.9, 0.0); (397153.8,
3815962.9, 978.6, 1606.9, 0.0);
 (397442.2, 3815962.7, 1001.0, 1606.9, 0.0); (397430.2,
3815941.9, 1005.1, 1606.9, 0.0);
 (397418.3, 3815921.2, 1008.0, 1606.9, 0.0); (397406.3,
3815900.4, 1006.8, 1606.9, 0.0);
 (397394.4, 3815879.7, 1005.3, 1606.9, 0.0); (397382.4,
3815858.9, 1001.8, 1606.9, 0.0);
 (397370.5, 3815838.2, 996.9, 1606.9, 0.0); (397875.5,
3815713.2, 1060.7, 1606.9, 0.0);
 (397863.5, 3815692.4, 1057.3, 1606.9, 0.0); (397851.6,
3815671.7, 1053.9, 1606.9, 0.0);
 (397839.6, 3815650.9, 1054.8, 1606.9, 0.0); (397827.7,
3815630.2, 1060.2, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 170

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (397815.7, 3815609.4, 1063.0, 1606.9, 0.0); (397803.8,
3815588.7, 1059.2, 1606.9, 0.0);
 (398308.8, 3815463.7, 1138.7, 1606.9, 0.0); (398296.8,
3815442.9, 1128.2, 1606.9, 0.0);
 (398284.9, 3815422.2, 1118.3, 1606.9, 0.0); (398272.9,
3815401.4, 1108.7, 1606.9, 0.0);
 (398261.0, 3815380.7, 1100.2, 1606.9, 0.0); (398249.0,
3815359.9, 1092.5, 1606.9, 0.0);
 (398237.1, 3815339.2, 1085.7, 1606.9, 0.0); (398742.1,
3815214.2, 1111.7, 1606.9, 0.0);
 (398730.1, 3815193.5, 1110.1, 1606.9, 0.0); (398718.2,
3815172.7, 1110.0, 1606.9, 0.0);
 (398706.2, 3815152.0, 1112.3, 1606.9, 0.0); (398694.3,
3815131.2, 1112.0, 1606.9, 0.0);
 (398682.3, 3815110.5, 1109.9, 1606.9, 0.0); (398670.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815089.7,  | 1107.8,    | 1606.9, | 0.0);   |       |             |
| ( 399175.4, | 3814964.7, | 1191.3, | 1606.9, | 0.0); | ( 399163.5, |
| 3814944.0,  | 1179.9,    | 1606.9, | 0.0);   |       |             |
| ( 399151.5, | 3814923.2, | 1170.2, | 1606.9, | 0.0); | ( 399139.5, |
| 3814902.5,  | 1169.6,    | 1606.9, | 0.0);   |       |             |
| ( 399127.6, | 3814881.7, | 1176.9, | 1606.9, | 0.0); | ( 399115.7, |
| 3814861.0,  | 1187.4,    | 1606.9, | 0.0);   |       |             |
| ( 399103.7, | 3814840.2, | 1196.4, | 1606.9, | 0.0); | ( 400330.9, |
| 3814299.4,  | 1250.0,    | 1606.9, | 0.0);   |       |             |
| ( 400318.9, | 3814278.7, | 1247.0, | 1606.9, | 0.0); | ( 400307.0, |
| 3814257.9,  | 1244.7,    | 1606.9, | 0.0);   |       |             |
| ( 400295.0, | 3814237.2, | 1243.2, | 1606.9, | 0.0); | ( 400283.1, |
| 3814216.4,  | 1241.0,    | 1606.9, | 0.0);   |       |             |
| ( 400271.1, | 3814195.7, | 1239.0, | 1606.9, | 0.0); | ( 400259.2, |
| 3814174.9,  | 1236.5,    | 1606.9, | 0.0);   |       |             |
| ( 401486.4, | 3813634.1, | 1475.1, | 1606.9, | 0.0); | ( 401474.4, |
| 3813613.4,  | 1465.8,    | 1606.9, | 0.0);   |       |             |
| ( 401462.5, | 3813592.6, | 1454.1, | 1606.9, | 0.0); | ( 401450.5, |
| 3813571.9,  | 1441.3,    | 1606.9, | 0.0);   |       |             |
| ( 401438.6, | 3813551.1, | 1428.0, | 1606.9, | 0.0); | ( 401426.6, |
| 3813530.4,  | 1421.9,    | 1606.9, | 0.0);   |       |             |
| ( 401414.7, | 3813509.6, | 1429.0, | 1606.9, | 0.0); | ( 402641.9, |
| 3812968.8,  | 1320.1,    | 2167.9, | 0.0);   |       |             |
| ( 402629.9, | 3812948.1, | 1305.2, | 2167.9, | 0.0); | ( 402618.0, |
| 3812927.3,  | 1293.0,    | 2167.9, | 0.0);   |       |             |
| ( 402606.0, | 3812906.6, | 1290.2, | 2167.9, | 0.0); | ( 402594.1, |
| 3812885.8,  | 1295.0,    | 2167.9, | 0.0);   |       |             |
| ( 402582.1, | 3812865.1, | 1304.7, | 2167.9, | 0.0); | ( 402570.2, |
| 3812844.3,  | 1313.3,    | 2167.9, | 0.0);   |       |             |
| ( 403797.3, | 3812303.5, | 1161.8, | 2167.9, | 0.0); | ( 403785.4, |
| 3812282.8,  | 1163.2,    | 2167.9, | 0.0);   |       |             |
| ( 403773.5, | 3812262.0, | 1166.8, | 2167.9, | 0.0); | ( 403761.5, |
| 3812241.3,  | 1172.6,    | 2167.9, | 0.0);   |       |             |
| ( 403749.5, | 3812220.5, | 1182.0, | 2167.9, | 0.0); | ( 403737.6, |
| 3812199.8,  | 1192.0,    | 2167.9, | 0.0);   |       |             |
| ( 403725.7, | 3812179.0, | 1198.1, | 2167.9, | 0.0); | ( 404952.8, |
| 3811638.2,  | 1331.6,    | 2167.9, | 0.0);   |       |             |
| ( 404940.9, | 3811617.5, | 1340.0, | 2167.9, | 0.0); | ( 404928.9, |
| 3811596.7,  | 1349.7,    | 2167.9, | 0.0);   |       |             |
| ( 404917.0, | 3811576.0, | 1358.9, | 2167.9, | 0.0); | ( 404905.0, |
| 3811555.2,  | 1365.7,    | 2167.9, | 0.0);   |       |             |
| ( 404893.1, | 3811534.5, | 1373.4, | 2167.9, | 0.0); | ( 404881.1, |
| 3811513.7,  | 1389.5,    | 2167.9, | 0.0);   |       |             |
| ( 406108.3, | 3810972.9, | 1240.5, | 2429.2, | 0.0); | ( 406096.4, |
| 3810952.2,  | 1239.4,    | 2429.2, | 0.0);   |       |             |
| ( 406084.4, | 3810931.4, | 1230.6, | 2429.2, | 0.0); | ( 406072.5, |
| 3810910.7,  | 1219.7,    | 2429.2, | 0.0);   |       |             |
| ( 406060.5, | 3810889.9, | 1218.8, | 2429.2, | 0.0); | ( 406048.6, |
| 3810869.1,  | 1221.2,    | 2429.2, | 0.0);   |       |             |
| ( 406036.6, | 3810848.4, | 1219.2, | 2429.2, | 0.0); | ( 395770.0, |

```

3816709.7, 934.9, 1606.9, 0.0);
(395760.1, 3816689.4, 932.9, 1606.9, 0.0); (395750.2,
3816669.0, 930.7, 1606.9, 0.0);
(395740.4, 3816648.7, 928.8, 1606.9, 0.0); (395792.5,
3816698.8, 931.6, 1606.9, 0.0);
(395782.6, 3816678.5, 929.9, 1606.9, 0.0); (395772.7,
3816658.1, 928.2, 1606.9, 0.0);
(395762.9, 3816637.8, 927.7, 1606.9, 0.0); (395815.0,
3816687.9, 929.7, 1606.9, 0.0);
(395805.1, 3816667.5, 929.1, 1606.9, 0.0); (395795.2,
3816647.2, 928.4, 1606.9, 0.0);
(395785.4, 3816626.9, 927.8, 1606.9, 0.0); (395837.5,
3816676.9, 930.0, 1606.9, 0.0);
(395827.6, 3816656.6, 929.5, 1606.9, 0.0); (395817.7,
3816636.3, 928.9, 1606.9, 0.0);
(395807.8, 3816616.0, 928.5, 1606.9, 0.0); (395882.4,
3816655.1, 931.4, 1606.9, 0.0);
(395872.6, 3816634.8, 931.0, 1606.9, 0.0); (395862.7,
3816614.4, 931.7, 1606.9, 0.0);
(395852.8, 3816594.1, 932.8, 1606.9, 0.0); (395927.4,
3816633.3, 939.1, 1606.9, 0.0);
(395917.5, 3816612.9, 941.1, 1606.9, 0.0); (395907.7,
3816592.6, 943.5, 1606.9, 0.0);
(395897.8, 3816572.3, 944.1, 1606.9, 0.0); (395972.4,
3816611.4, 950.6, 1606.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 171

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395962.5, 3816591.1, 952.5, 1606.9, 0.0); (395952.6,
3816570.8, 951.7, 1606.9, 0.0);
(395942.8, 3816550.4, 950.9, 1606.9, 0.0); (396017.4,
3816589.6, 955.8, 1606.9, 0.0);
(396007.5, 3816569.3, 955.3, 1606.9, 0.0); (395997.6,
3816548.9, 955.0, 1606.9, 0.0);
(395987.8, 3816528.6, 954.5, 1606.9, 0.0); (396052.5,
3816547.4, 957.0, 1606.9, 0.0);
(396042.6, 3816527.1, 955.9, 1606.9, 0.0); (396032.7,
3816506.8, 952.5, 1606.9, 0.0);
(396142.4, 3816503.8, 956.0, 1606.9, 0.0); (396132.6,
3816483.4, 954.2, 1606.9, 0.0);
(396122.7, 3816463.1, 952.3, 1606.9, 0.0); (396252.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816500.7,  | 961.6,     | 1606.9, | 0.0);   |       |             |
| ( 396232.4, | 3816460.1, | 958.3,  | 1606.9, | 0.0); | ( 396222.5, |
| 3816439.7,  | 952.4,     | 1606.9, | 0.0);   |       |             |
| ( 396212.6, | 3816419.4, | 946.3,  | 1606.9, | 0.0); | ( 396322.3, |
| 3816416.4,  | 944.8,     | 1606.9, | 0.0);   |       |             |
| ( 396312.5, | 3816396.1, | 942.1,  | 1606.9, | 0.0); | ( 396302.6, |
| 3816375.7,  | 941.4,     | 1606.9, | 0.0);   |       |             |
| ( 396432.0, | 3816413.4, | 948.0,  | 1606.9, | 0.0); | ( 396392.6, |
| 3816332.1,  | 943.8,     | 1606.9, | 0.0);   |       |             |
| ( 396482.5, | 3816288.4, | 947.0,  | 1606.9, | 0.0); | ( 396717.3, |
| 3816199.5,  | 968.2,     | 1606.9, | 0.0);   |       |             |
| ( 398331.0, | 3815516.5, | 1166.1, | 1606.9, | 0.0); | ( 398321.1, |
| 3815496.1,  | 1154.0,    | 1606.9, | 0.0);   |       |             |
| ( 398780.8, | 3815298.1, | 1118.9, | 1606.9, | 0.0); | ( 398770.9, |
| 3815277.8,  | 1116.4,    | 1606.9, | 0.0);   |       |             |
| ( 398761.1, | 3815257.4, | 1115.0, | 1606.9, | 0.0); | ( 398751.2, |
| 3815237.1,  | 1113.5,    | 1606.9, | 0.0);   |       |             |
| ( 399230.6, | 3815079.7, | 1234.4, | 1606.9, | 0.0); | ( 399220.7, |
| 3815059.4,  | 1232.3,    | 1606.9, | 0.0);   |       |             |
| ( 399210.8, | 3815039.0, | 1226.8, | 1606.9, | 0.0); | ( 399201.0, |
| 3815018.7,  | 1218.9,    | 1606.9, | 0.0);   |       |             |
| ( 399191.1, | 3814998.4, | 1208.7, | 1606.9, | 0.0); | ( 400430.0, |
| 3814497.3,  | 1318.4,    | 1606.9, | 0.0);   |       |             |
| ( 400420.1, | 3814477.0, | 1312.6, | 1606.9, | 0.0); | ( 400410.3, |
| 3814456.7,  | 1303.0,    | 1606.9, | 0.0);   |       |             |
| ( 400400.4, | 3814436.3, | 1294.2, | 1606.9, | 0.0); | ( 400390.5, |
| 3814416.0,  | 1286.9,    | 1606.9, | 0.0);   |       |             |
| ( 400380.7, | 3814395.7, | 1281.1, | 1606.9, | 0.0); | ( 401629.4, |
| 3813915.0,  | 1542.4,    | 1606.9, | 0.0);   |       |             |
| ( 401619.6, | 3813894.6, | 1546.8, | 1606.9, | 0.0); | ( 401609.7, |
| 3813874.3,  | 1548.8,    | 1606.9, | 0.0);   |       |             |
| ( 401599.8, | 3813854.0, | 1548.4, | 1606.9, | 0.0); | ( 401590.0, |
| 3813833.6,  | 1543.9,    | 1606.9, | 0.0);   |       |             |
| ( 401580.1, | 3813813.3, | 1537.0, | 1606.9, | 0.0); | ( 402828.9, |
| 3813332.6,  | 1376.6,    | 1606.9, | 0.0);   |       |             |
| ( 402819.0, | 3813312.3, | 1381.0, | 1606.9, | 0.0); | ( 402809.1, |
| 3813291.9,  | 1377.1,    | 1606.9, | 0.0);   |       |             |
| ( 402799.3, | 3813271.6, | 1371.8, | 1606.9, | 0.0); | ( 402789.4, |
| 3813251.3,  | 1370.5,    | 1606.9, | 0.0);   |       |             |
| ( 402779.5, | 3813231.0, | 1374.1, | 1606.9, | 0.0); | ( 404028.3, |
| 3812750.2,  | 1159.5,    | 2167.9, | 0.0);   |       |             |
| ( 404018.4, | 3812729.9, | 1153.9, | 2167.9, | 0.0); | ( 404008.6, |
| 3812709.6,  | 1146.6,    | 2167.9, | 0.0);   |       |             |
| ( 403998.7, | 3812689.2, | 1142.1, | 2167.9, | 0.0); | ( 403988.8, |
| 3812668.9,  | 1143.4,    | 2167.9, | 0.0);   |       |             |
| ( 403979.0, | 3812648.6, | 1145.1, | 2167.9, | 0.0); | ( 405227.7, |
| 3812167.9,  | 1230.9,    | 2167.9, | 0.0);   |       |             |
| ( 405217.9, | 3812147.5, | 1233.4, | 2167.9, | 0.0); | ( 405208.0, |
| 3812127.2,  | 1240.6,    | 2167.9, | 0.0);   |       |             |
| ( 405198.1, | 3812106.9, | 1249.9, | 2167.9, | 0.0); | ( 405188.2, |

```

3812086.5, 1260.6, 2167.9, 0.0);
(405178.4, 3812066.2, 1270.4, 2167.9, 0.0); (406427.1,
3811585.5, 1223.3, 2429.2, 0.0);
(406417.3, 3811565.2, 1235.5, 2429.2, 0.0); (406407.4,
3811544.8, 1244.7, 2429.2, 0.0);
(406397.5, 3811524.5, 1244.2, 2429.2, 0.0); (406387.7,
3811504.2, 1243.8, 2429.2, 0.0);
(406377.8, 3811483.9, 1247.7, 2429.2, 0.0); (395715.1,
3816625.2, 927.3, 1606.9, 0.0);
(395696.6, 3816610.2, 927.3, 1606.9, 0.0); (395678.1,
3816595.2, 926.3, 1606.9, 0.0);
(395659.6, 3816580.3, 926.0, 1606.9, 0.0); (395641.1,
3816565.3, 924.8, 1606.9, 0.0);
(395622.5, 3816550.3, 924.6, 1606.9, 0.0); (395604.0,
3816535.3, 923.7, 1606.9, 0.0);
(395585.5, 3816520.3, 923.5, 1606.9, 0.0); (395567.0,
3816505.3, 922.1, 1606.9, 0.0);
(395548.5, 3816490.3, 922.2, 1606.9, 0.0); (395530.0,
3816475.4, 921.1, 1606.9, 0.0);
(395511.5, 3816460.4, 920.8, 1606.9, 0.0); (395493.0,
3816445.4, 919.8, 1606.9, 0.0);
(395730.8, 3816605.8, 926.5, 1606.9, 0.0); (395712.3,
3816590.8, 925.8, 1606.9, 0.0);
(395693.8, 3816575.8, 925.2, 1606.9, 0.0); (395675.3,
3816560.8, 924.6, 1606.9, 0.0);
(395656.8, 3816545.8, 924.1, 1606.9, 0.0); (395638.3,
3816530.9, 923.5, 1606.9, 0.0);
^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 172

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395619.8, 3816515.9, 923.0, 1606.9, 0.0); (395601.3,
3816500.9, 922.4, 1606.9, 0.0);
(395582.8, 3816485.9, 921.8, 1606.9, 0.0); (395564.2,
3816470.9, 921.1, 1606.9, 0.0);
(395545.7, 3816455.9, 920.3, 1606.9, 0.0); (395527.2,
3816440.9, 919.6, 1606.9, 0.0);
(395508.7, 3816426.0, 919.0, 1606.9, 0.0); (395765.1,
3816601.3, 926.8, 1606.9, 0.0);
(395746.6, 3816586.4, 926.2, 1606.9, 0.0); (395728.1,
3816571.4, 925.6, 1606.9, 0.0);
(395709.5, 3816556.4, 925.0, 1606.9, 0.0); (395691.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816541.4,  | 924.4,     | 1606.9, | 0.0);   |       |             |
| ( 395672.5, | 3816526.4, | 923.8,  | 1606.9, | 0.0); | ( 395654.0, |
| 3816511.4,  | 923.3,     | 1606.9, | 0.0);   |       |             |
| ( 395635.5, | 3816496.4, | 922.8,  | 1606.9, | 0.0); | ( 395617.0, |
| 3816481.5,  | 922.3,     | 1606.9, | 0.0);   |       |             |
| ( 395598.5, | 3816466.5, | 921.8,  | 1606.9, | 0.0); | ( 395580.0, |
| 3816451.5,  | 921.1,     | 1606.9, | 0.0);   |       |             |
| ( 395561.5, | 3816436.5, | 920.4,  | 1606.9, | 0.0); | ( 395542.9, |
| 3816421.5,  | 919.6,     | 1606.9, | 0.0);   |       |             |
| ( 395524.4, | 3816406.5, | 918.9,  | 1606.9, | 0.0); | ( 395780.8, |
| 3816581.9,  | 927.2,     | 1606.9, | 0.0);   |       |             |
| ( 395762.3, | 3816566.9, | 926.2,  | 1606.9, | 0.0); | ( 395743.8, |
| 3816551.9,  | 925.4,     | 1606.9, | 0.0);   |       |             |
| ( 395725.3, | 3816537.0, | 924.7,  | 1606.9, | 0.0); | ( 395706.8, |
| 3816522.0,  | 924.1,     | 1606.9, | 0.0);   |       |             |
| ( 395688.2, | 3816507.0, | 923.5,  | 1606.9, | 0.0); | ( 395669.7, |
| 3816492.0,  | 923.0,     | 1606.9, | 0.0);   |       |             |
| ( 395651.2, | 3816477.0, | 922.5,  | 1606.9, | 0.0); | ( 395632.7, |
| 3816462.0,  | 922.0,     | 1606.9, | 0.0);   |       |             |
| ( 395614.2, | 3816447.0, | 921.5,  | 1606.9, | 0.0); | ( 395595.7, |
| 3816432.1,  | 920.9,     | 1606.9, | 0.0);   |       |             |
| ( 395577.2, | 3816417.1, | 920.3,  | 1606.9, | 0.0); | ( 395558.7, |
| 3816402.1,  | 919.6,     | 1606.9, | 0.0);   |       |             |
| ( 395540.2, | 3816387.1, | 919.0,  | 1606.9, | 0.0); | ( 395825.8, |
| 3816560.1,  | 932.3,     | 1606.9, | 0.0);   |       |             |
| ( 395793.8, | 3816528.1, | 929.0,  | 1606.9, | 0.0); | ( 395775.2, |
| 3816513.1,  | 927.7,     | 1606.9, | 0.0);   |       |             |
| ( 395756.7, | 3816498.1, | 926.7,  | 1606.9, | 0.0); | ( 395738.2, |
| 3816483.1,  | 925.9,     | 1606.9, | 0.0);   |       |             |
| ( 395719.7, | 3816468.1, | 925.0,  | 1606.9, | 0.0); | ( 395701.2, |
| 3816453.1,  | 924.1,     | 1606.9, | 0.0);   |       |             |
| ( 395682.7, | 3816438.1, | 923.0,  | 1606.9, | 0.0); | ( 395664.2, |
| 3816423.2,  | 922.0,     | 1606.9, | 0.0);   |       |             |
| ( 395645.7, | 3816408.2, | 921.3,  | 1606.9, | 0.0); | ( 395627.2, |
| 3816393.2,  | 920.7,     | 1606.9, | 0.0);   |       |             |
| ( 395608.6, | 3816378.2, | 920.0,  | 1606.9, | 0.0); | ( 395590.1, |
| 3816363.2,  | 919.6,     | 1606.9, | 0.0);   |       |             |
| ( 395571.6, | 3816348.2, | 919.0,  | 1606.9, | 0.0); | ( 395857.2, |
| 3816521.2,  | 942.2,     | 1606.9, | 0.0);   |       |             |
| ( 395825.2, | 3816489.2, | 939.1,  | 1606.9, | 0.0); | ( 395806.7, |
| 3816474.2,  | 937.0,     | 1606.9, | 0.0);   |       |             |
| ( 395788.2, | 3816459.2, | 935.4,  | 1606.9, | 0.0); | ( 395769.7, |
| 3816444.2,  | 933.9,     | 1606.9, | 0.0);   |       |             |
| ( 395751.2, | 3816429.3, | 933.1,  | 1606.9, | 0.0); | ( 395732.7, |
| 3816414.3,  | 932.4,     | 1606.9, | 0.0);   |       |             |
| ( 395714.1, | 3816399.3, | 931.2,  | 1606.9, | 0.0); | ( 395695.6, |
| 3816384.3,  | 929.3,     | 1606.9, | 0.0);   |       |             |
| ( 395677.1, | 3816369.3, | 928.0,  | 1606.9, | 0.0); | ( 395658.6, |
| 3816354.3,  | 926.1,     | 1606.9, | 0.0);   |       |             |
| ( 395640.1, | 3816339.3, | 923.1,  | 1606.9, | 0.0); | ( 395621.6, |



```

3816324.4, 922.2, 1606.9, 0.0);
 (395603.1, 3816309.4, 921.8, 1606.9, 0.0); (395888.7,
3816482.3, 950.6, 1606.9, 0.0);
 (395915.8, 3816516.4, 949.7, 1606.9, 0.0); (395856.7,
3816450.3, 948.2, 1606.9, 0.0);
 (395838.2, 3816435.4, 946.6, 1606.9, 0.0); (395819.7,
3816420.4, 946.2, 1606.9, 0.0);
 (395801.1, 3816405.4, 945.4, 1606.9, 0.0); (395782.6,
3816390.4, 944.3, 1606.9, 0.0);
 (395764.1, 3816375.4, 944.0, 1606.9, 0.0); (395745.6,
3816360.4, 942.6, 1606.9, 0.0);
 (395727.1, 3816345.4, 940.6, 1606.9, 0.0); (395708.6,
3816330.5, 937.3, 1606.9, 0.0);
 (395690.1, 3816315.5, 934.6, 1606.9, 0.0); (395671.6,
3816300.5, 929.6, 1606.9, 0.0);
 (395653.1, 3816285.5, 928.5, 1606.9, 0.0); (395634.5,
3816270.5, 931.1, 1606.9, 0.0);
 (395920.2, 3816443.5, 951.5, 1606.9, 0.0); (395947.2,
3816477.5, 952.6, 1606.9, 0.0);
 (395888.1, 3816411.5, 950.1, 1606.9, 0.0); (395869.6,
3816396.5, 949.1, 1606.9, 0.0);
 (395851.1, 3816381.5, 947.9, 1606.9, 0.0); (395832.6,
3816366.5, 946.5, 1606.9, 0.0);
 (395814.1, 3816351.5, 944.7, 1606.9, 0.0); (395795.6,
3816336.5, 943.2, 1606.9, 0.0);
 (395777.1, 3816321.6, 940.8, 1606.9, 0.0); (395758.6,
3816306.6, 938.6, 1606.9, 0.0);
 (395740.0, 3816291.6, 936.0, 1606.9, 0.0); (395721.5,
3816276.6, 933.7, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 173

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395703.0, 3816261.6, 933.7, 1606.9, 0.0); (395684.5,
3816246.6, 934.6, 1606.9, 0.0);
 (395666.0, 3816231.6, 936.9, 1606.9, 0.0); (395951.6,
3816404.6, 942.3, 1606.9, 0.0);
 (395978.7, 3816438.7, 942.6, 1606.9, 0.0); (396005.7,
3816472.7, 946.0, 1606.9, 0.0);
 (395919.6, 3816372.6, 946.1, 1606.9, 0.0); (395901.1,
3816357.6, 947.6, 1606.9, 0.0);
 (395882.6, 3816342.6, 947.1, 1606.9, 0.0); (395864.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816327.7,  | 945.7,     | 1606.9, | 0.0);   |       |             |
| ( 395845.6, | 3816312.7, | 944.0,  | 1606.9, | 0.0); | ( 395827.0, |
| 3816297.7,  | 941.6,     | 1606.9, | 0.0);   |       |             |
| ( 395808.5, | 3816282.7, | 939.4,  | 1606.9, | 0.0); | ( 395790.0, |
| 3816267.7,  | 935.1,     | 1606.9, | 0.0);   |       |             |
| ( 395771.5, | 3816252.7, | 932.5,  | 1606.9, | 0.0); | ( 395753.0, |
| 3816237.8,  | 929.8,     | 1606.9, | 0.0);   |       |             |
| ( 395734.5, | 3816222.8, | 928.1,  | 1606.9, | 0.0); | ( 395716.0, |
| 3816207.8,  | 926.8,     | 1606.9, | 0.0);   |       |             |
| ( 395697.5, | 3816192.8, | 924.6,  | 1606.9, | 0.0); | ( 396014.5, |
| 3816326.9,  | 933.3,     | 1606.9, | 0.0);   |       |             |
| ( 396041.6, | 3816360.9, | 938.3,  | 1606.9, | 0.0); | ( 396068.6, |
| 3816395.0,  | 946.7,     | 1606.9, | 0.0);   |       |             |
| ( 396095.7, | 3816429.0, | 952.8,  | 1606.9, | 0.0); | ( 395982.5, |
| 3816294.9,  | 931.5,     | 1606.9, | 0.0);   |       |             |
| ( 395964.0, | 3816279.9, | 930.7,  | 1606.9, | 0.0); | ( 395945.5, |
| 3816264.9,  | 930.1,     | 1606.9, | 0.0);   |       |             |
| ( 395927.0, | 3816249.9, | 929.4,  | 1606.9, | 0.0); | ( 395908.5, |
| 3816234.9,  | 928.8,     | 1606.9, | 0.0);   |       |             |
| ( 395890.0, | 3816220.0, | 928.1,  | 1606.9, | 0.0); | ( 395871.5, |
| 3816205.0,  | 927.5,     | 1606.9, | 0.0);   |       |             |
| ( 395852.9, | 3816190.0, | 926.8,  | 1606.9, | 0.0); | ( 395834.4, |
| 3816175.0,  | 926.3,     | 1606.9, | 0.0);   |       |             |
| ( 395815.9, | 3816160.0, | 925.8,  | 1606.9, | 0.0); | ( 395797.4, |
| 3816145.0,  | 925.1,     | 1606.9, | 0.0);   |       |             |
| ( 395778.9, | 3816130.0, | 924.5,  | 1606.9, | 0.0); | ( 395760.4, |
| 3816115.1,  | 923.9,     | 1606.9, | 0.0);   |       |             |
| ( 396077.5, | 3816249.2, | 933.6,  | 1606.9, | 0.0); | ( 396104.5, |
| 3816283.2,  | 934.6,     | 1606.9, | 0.0);   |       |             |
| ( 396131.5, | 3816317.3, | 935.6,  | 1606.9, | 0.0); | ( 396158.6, |
| 3816351.3,  | 936.9,     | 1606.9, | 0.0);   |       |             |
| ( 396185.6, | 3816385.4, | 939.3,  | 1606.9, | 0.0); | ( 396045.5, |
| 3816217.2,  | 932.4,     | 1606.9, | 0.0);   |       |             |
| ( 396026.9, | 3816202.2, | 931.7,  | 1606.9, | 0.0); | ( 396008.4, |
| 3816187.2,  | 930.9,     | 1606.9, | 0.0);   |       |             |
| ( 395989.9, | 3816172.2, | 930.2,  | 1606.9, | 0.0); | ( 395971.4, |
| 3816157.2,  | 929.7,     | 1606.9, | 0.0);   |       |             |
| ( 395952.9, | 3816142.2, | 929.8,  | 1606.9, | 0.0); | ( 395934.4, |
| 3816127.3,  | 930.0,     | 1606.9, | 0.0);   |       |             |
| ( 395915.9, | 3816112.3, | 930.1,  | 1606.9, | 0.0); | ( 395897.3, |
| 3816097.3,  | 930.0,     | 1606.9, | 0.0);   |       |             |
| ( 395878.8, | 3816082.3, | 929.9,  | 1606.9, | 0.0); | ( 395860.3, |
| 3816067.3,  | 929.5,     | 1606.9, | 0.0);   |       |             |
| ( 395841.8, | 3816052.3, | 928.8,  | 1606.9, | 0.0); | ( 395823.3, |
| 3816037.3,  | 927.9,     | 1606.9, | 0.0);   |       |             |
| ( 396141.5, | 3816172.9, | 935.4,  | 1606.9, | 0.0); | ( 396156.2, |
| 3816191.3,  | 935.0,     | 1606.9, | 0.0);   |       |             |
| ( 396170.8, | 3816209.8, | 935.4,  | 1606.9, | 0.0); | ( 396185.5, |
| 3816228.2,  | 936.0,     | 1606.9, | 0.0);   |       |             |
| ( 396200.1, | 3816246.6, | 936.8,  | 1606.9, | 0.0); | ( 396214.8, |

```

3816265.1, 937.5, 1606.9, 0.0);
 (396229.4, 3816283.5, 938.2, 1606.9, 0.0); (396244.0,
3816302.0, 938.9, 1606.9, 0.0);
 (396258.7, 3816320.4, 939.5, 1606.9, 0.0); (396273.3,
3816338.8, 940.1, 1606.9, 0.0);
 (396288.0, 3816357.3, 940.8, 1606.9, 0.0); (396126.9,
3816154.4, 935.6, 1606.9, 0.0);
 (396108.4, 3816139.4, 935.4, 1606.9, 0.0); (396089.9,
3816124.5, 935.4, 1606.9, 0.0);
 (396071.3, 3816109.5, 935.8, 1606.9, 0.0); (396052.8,
3816094.5, 936.0, 1606.9, 0.0);
 (396034.3, 3816079.5, 935.9, 1606.9, 0.0); (396015.8,
3816064.5, 935.8, 1606.9, 0.0);
 (395997.3, 3816049.5, 936.0, 1606.9, 0.0); (395978.8,
3816034.5, 935.9, 1606.9, 0.0);
 (395960.3, 3816019.6, 936.1, 1606.9, 0.0); (395941.8,
3816004.6, 936.4, 1606.9, 0.0);
 (395923.2, 3815989.6, 937.2, 1606.9, 0.0); (395904.7,
3815974.6, 940.0, 1606.9, 0.0);
 (395886.2, 3815959.6, 943.6, 1606.9, 0.0); (396204.3,
3816094.9, 944.9, 1606.9, 0.0);
 (396218.8, 3816113.2, 943.7, 1606.9, 0.0); (396233.2,
3816131.4, 941.9, 1606.9, 0.0);
 (396247.7, 3816149.7, 940.4, 1606.9, 0.0); (396262.2,
3816167.9, 939.1, 1606.9, 0.0);
 (396276.7, 3816186.1, 939.2, 1606.9, 0.0); (396291.2,
3816204.4, 939.5, 1606.9, 0.0);
 (396305.7, 3816222.6, 940.1, 1606.9, 0.0); (396320.1,
3816240.9, 940.8, 1606.9, 0.0);
 (396334.6, 3816259.1, 941.5, 1606.9, 0.0); (396349.1,
3816277.3, 942.2, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 174

\*\*\* MODELOPTs:    RegDFAULT   CONC   ELEV   RURAL   ADJ\_U\*   BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (396363.6, 3816295.6, 942.7, 1606.9, 0.0); (396378.1,
3816313.8, 943.2, 1606.9, 0.0);
 (396189.8, 3816076.7, 946.4, 1606.9, 0.0); (396171.3,
3816061.7, 949.5, 1606.9, 0.0);
 (396152.8, 3816046.7, 949.7, 1606.9, 0.0); (396134.3,
3816031.8, 947.8, 1606.9, 0.0);
 (396115.8, 3816016.8, 946.0, 1606.9, 0.0); (396097.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816001.8,  | 945.9,     | 1606.9, | 0.0);   |       |             |
| ( 396078.7, | 3815986.8, | 947.1,  | 1606.9, | 0.0); | ( 396060.2, |
| 3815971.8,  | 945.9,     | 1606.9, | 0.0);   |       |             |
| ( 396041.7, | 3815956.8, | 943.6,  | 1606.9, | 0.0); | ( 396023.2, |
| 3815941.8,  | 943.9,     | 1606.9, | 0.0);   |       |             |
| ( 396004.7, | 3815926.8, | 944.8,  | 1606.9, | 0.0); | ( 395986.2, |
| 3815911.9,  | 946.2,     | 1606.9, | 0.0);   |       |             |
| ( 395967.7, | 3815896.9, | 950.0,  | 1606.9, | 0.0); | ( 395949.1, |
| 3815881.9,  | 955.4,     | 1606.9, | 0.0);   |       |             |
| ( 396267.1, | 3816017.1, | 962.3,  | 1606.9, | 0.0); | ( 396281.5, |
| 3816035.2,  | 961.5,     | 1606.9, | 0.0);   |       |             |
| ( 396295.8, | 3816053.2, | 965.5,  | 1606.9, | 0.0); | ( 396310.2, |
| 3816071.3,  | 964.8,     | 1606.9, | 0.0);   |       |             |
| ( 396324.5, | 3816089.4, | 961.0,  | 1606.9, | 0.0); | ( 396338.9, |
| 3816107.5,  | 959.0,     | 1606.9, | 0.0);   |       |             |
| ( 396353.3, | 3816125.6, | 956.0,  | 1606.9, | 0.0); | ( 396367.6, |
| 3816143.7,  | 949.7,     | 1606.9, | 0.0);   |       |             |
| ( 396382.0, | 3816161.8, | 945.1,  | 1606.9, | 0.0); | ( 396396.3, |
| 3816179.9,  | 944.2,     | 1606.9, | 0.0);   |       |             |
| ( 396410.7, | 3816197.9, | 944.2,  | 1606.9, | 0.0); | ( 396425.1, |
| 3816216.0,  | 944.8,     | 1606.9, | 0.0);   |       |             |
| ( 396439.4, | 3816234.1, | 945.4,  | 1606.9, | 0.0); | ( 396453.8, |
| 3816252.2,  | 946.0,     | 1606.9, | 0.0);   |       |             |
| ( 396468.2, | 3816270.3, | 946.5,  | 1606.9, | 0.0); | ( 396252.7, |
| 3815999.0,  | 965.9,     | 1606.9, | 0.0);   |       |             |
| ( 396234.2, | 3815984.0, | 964.0,  | 1606.9, | 0.0); | ( 396215.7, |
| 3815969.0,  | 959.2,     | 1606.9, | 0.0);   |       |             |
| ( 396197.2, | 3815954.0, | 958.7,  | 1606.9, | 0.0); | ( 396178.7, |
| 3815939.0,  | 962.2,     | 1606.9, | 0.0);   |       |             |
| ( 396160.2, | 3815924.1, | 964.6,  | 1606.9, | 0.0); | ( 396141.6, |
| 3815909.1,  | 963.8,     | 1606.9, | 0.0);   |       |             |
| ( 396123.1, | 3815894.1, | 959.6,  | 1606.9, | 0.0); | ( 396104.6, |
| 3815879.1,  | 955.3,     | 1606.9, | 0.0);   |       |             |
| ( 396086.1, | 3815864.1, | 951.9,  | 1606.9, | 0.0); | ( 396067.6, |
| 3815849.1,  | 950.4,     | 1606.9, | 0.0);   |       |             |
| ( 396049.1, | 3815834.1, | 951.3,  | 1606.9, | 0.0); | ( 396030.6, |
| 3815819.2,  | 954.4,     | 1606.9, | 0.0);   |       |             |
| ( 396012.1, | 3815804.2, | 959.5,  | 1606.9, | 0.0); | ( 396424.2, |
| 3815822.5,  | 1027.3,    | 1606.9, | 0.0);   |       |             |
| ( 396438.3, | 3815840.3, | 1032.3, | 1606.1, | 0.0); | ( 396452.5, |
| 3815858.2,  | 1037.4,    | 1353.8, | 0.0);   |       |             |
| ( 396466.7, | 3815876.0, | 1042.5, | 1353.8, | 0.0); | ( 396480.8, |
| 3815893.8,  | 1045.1,    | 1353.8, | 0.0);   |       |             |
| ( 396495.0, | 3815911.7, | 1044.8, | 1353.8, | 0.0); | ( 396509.2, |
| 3815929.5,  | 1038.9,    | 1353.8, | 0.0);   |       |             |
| ( 396523.3, | 3815947.3, | 1031.4, | 1606.9, | 0.0); | ( 396537.5, |
| 3815965.2,  | 1022.1,    | 1606.9, | 0.0);   |       |             |
| ( 396551.6, | 3815983.0, | 1012.9, | 1606.9, | 0.0); | ( 396565.8, |
| 3816000.8,  | 1003.8,    | 1606.9, | 0.0);   |       |             |
| ( 396580.0, | 3816018.7, | 996.1,  | 1606.9, | 0.0); | ( 396594.1, |

```

3816036.5, 991.2, 1606.9, 0.0);
 (396608.3, 3816054.3, 987.2, 1606.9, 0.0); (396622.5,
3816072.2, 979.4, 1606.9, 0.0);
 (396636.6, 3816090.0, 973.6, 1606.9, 0.0); (396664.9,
3816125.7, 967.4, 1606.9, 0.0);
 (396693.3, 3816161.3, 966.2, 1606.9, 0.0); (396410.0,
3815804.7, 1025.3, 1606.9, 0.0);
 (396391.5, 3815789.7, 1024.7, 1606.9, 0.0); (396373.0,
3815774.7, 1024.1, 1606.9, 0.0);
 (396354.5, 3815759.7, 1025.2, 1606.9, 0.0); (396336.0,
3815744.7, 1023.7, 1606.9, 0.0);
 (396317.5, 3815729.8, 1022.2, 1606.9, 0.0); (396299.0,
3815714.8, 1015.8, 1606.9, 0.0);
 (396280.4, 3815699.8, 1008.2, 1606.9, 0.0); (396261.9,
3815684.8, 999.3, 1606.9, 0.0);
 (396243.4, 3815669.8, 990.5, 1606.9, 0.0); (396224.9,
3815654.8, 982.7, 1606.9, 0.0);
 (396206.4, 3815639.8, 979.1, 1606.9, 0.0); (396187.9,
3815624.8, 979.3, 1606.9, 0.0);
 (396169.4, 3815609.9, 978.9, 1606.9, 0.0); (396581.9,
3815628.8, 1057.3, 1353.8, 0.0);
 (396596.5, 3815647.1, 1066.6, 1353.8, 0.0); (396611.1,
3815665.5, 1073.2, 1353.8, 0.0);
 (396625.7, 3815683.9, 1072.9, 1353.8, 0.0); (396640.3,
3815702.3, 1065.6, 1353.8, 0.0);
 (396654.9, 3815720.7, 1056.2, 1606.9, 0.0); (396669.5,
3815739.1, 1050.4, 1606.9, 0.0);
 (396684.1, 3815757.4, 1044.5, 1606.9, 0.0); (396698.7,
3815775.8, 1042.1, 1606.9, 0.0);
 (396713.3, 3815794.2, 1038.1, 1606.9, 0.0); (396727.9,
3815812.6, 1032.8, 1606.9, 0.0);
 (396742.5, 3815831.0, 1027.3, 1606.9, 0.0); (396757.1,
3815849.4, 1022.7, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 175

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (396771.7, 3815867.8, 1019.3, 1606.9, 0.0); (396786.3,
3815886.1, 1016.1, 1606.9, 0.0);
 (396844.7, 3815959.7, 1009.0, 1606.9, 0.0); (396873.9,
3815996.4, 1008.5, 1606.9, 0.0);
 (396888.5, 3816014.8, 1006.5, 1606.9, 0.0); (396903.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816033.2,  | 1006.5,    | 1606.9, | 0.0);   |       |             |
| ( 396917.7, | 3816051.6, | 1006.4, | 1606.9, | 0.0); | ( 396567.3, |
| 3815610.4,  | 1048.7,    | 1606.9, | 0.0);   |       |             |
| ( 396548.8, | 3815595.4, | 1038.8, | 1606.9, | 0.0); | ( 396530.3, |
| 3815580.4,  | 1030.6,    | 1606.9, | 0.0);   |       |             |
| ( 396511.8, | 3815565.4, | 1026.9, | 1606.9, | 0.0); | ( 396493.3, |
| 3815550.4,  | 1029.3,    | 1606.9, | 0.0);   |       |             |
| ( 396474.8, | 3815535.4, | 1032.8, | 1606.9, | 0.0); | ( 396456.3, |
| 3815520.5,  | 1037.9,    | 1606.9, | 0.0);   |       |             |
| ( 396437.8, | 3815505.5, | 1042.9, | 1606.9, | 0.0); | ( 396419.2, |
| 3815490.5,  | 1047.0,    | 1353.8, | 0.0);   |       |             |
| ( 396400.7, | 3815475.5, | 1049.3, | 1353.8, | 0.0); | ( 396382.2, |
| 3815460.5,  | 1051.0,    | 1353.8, | 0.0);   |       |             |
| ( 396363.7, | 3815445.5, | 1054.8, | 1353.8, | 0.0); | ( 396345.2, |
| 3815430.5,  | 1061.1,    | 1353.8, | 0.0);   |       |             |
| ( 396326.7, | 3815415.6, | 1064.2, | 1353.8, | 0.0); | ( 396739.0, |
| 3815434.2,  | 1048.5,    | 1606.9, | 0.0);   |       |             |
| ( 396753.5, | 3815452.4, | 1044.2, | 1606.9, | 0.0); | ( 396767.9, |
| 3815470.5,  | 1041.1,    | 1606.9, | 0.0);   |       |             |
| ( 396782.3, | 3815488.7, | 1038.5, | 1606.9, | 0.0); | ( 396796.7, |
| 3815506.9,  | 1036.0,    | 1606.9, | 0.0);   |       |             |
| ( 396811.1, | 3815525.0, | 1033.8, | 1606.9, | 0.0); | ( 396825.6, |
| 3815543.2,  | 1031.0,    | 1606.9, | 0.0);   |       |             |
| ( 396840.0, | 3815561.3, | 1028.2, | 1606.9, | 0.0); | ( 396854.4, |
| 3815579.5,  | 1025.2,    | 1606.9, | 0.0);   |       |             |
| ( 396868.8, | 3815597.6, | 1022.5, | 1606.9, | 0.0); | ( 396883.2, |
| 3815615.8,  | 1019.5,    | 1606.9, | 0.0);   |       |             |
| ( 396897.7, | 3815634.0, | 1016.6, | 1606.9, | 0.0); | ( 396912.1, |
| 3815652.1,  | 1013.8,    | 1606.9, | 0.0);   |       |             |
| ( 396926.5, | 3815670.3, | 1011.5, | 1606.9, | 0.0); | ( 396940.9, |
| 3815688.4,  | 1010.1,    | 1606.9, | 0.0);   |       |             |
| ( 396998.6, | 3815761.1, | 1008.5, | 1606.9, | 0.0); | ( 397027.4, |
| 3815797.4,  | 999.4,     | 1606.9, | 0.0);   |       |             |
| ( 397041.8, | 3815815.5, | 991.8,  | 1606.9, | 0.0); | ( 397056.3, |
| 3815833.7,  | 985.1,     | 1606.9, | 0.0);   |       |             |
| ( 397070.7, | 3815851.8, | 981.8,  | 1606.9, | 0.0); | ( 397085.1, |
| 3815870.0,  | 981.1,     | 1606.9, | 0.0);   |       |             |
| ( 397099.5, | 3815888.2, | 980.6,  | 1606.9, | 0.0); | ( 397114.0, |
| 3815906.3,  | 980.2,     | 1606.9, | 0.0);   |       |             |
| ( 397128.4, | 3815924.5, | 979.6,  | 1606.9, | 0.0); | ( 397142.8, |
| 3815942.6,  | 979.1,     | 1606.9, | 0.0);   |       |             |
| ( 396724.6, | 3815416.1, | 1053.2, | 1606.9, | 0.0); | ( 396706.1, |
| 3815401.1,  | 1059.6,    | 1606.9, | 0.0);   |       |             |
| ( 396687.6, | 3815386.1, | 1065.4, | 1606.9, | 0.0); | ( 396669.1, |
| 3815371.1,  | 1072.0,    | 1353.8, | 0.0);   |       |             |
| ( 396650.6, | 3815356.1, | 1077.7, | 1353.8, | 0.0); | ( 396632.1, |
| 3815341.1,  | 1083.9,    | 1353.8, | 0.0);   |       |             |
| ( 396613.6, | 3815326.1, | 1089.6, | 1353.8, | 0.0); | ( 396595.0, |
| 3815311.2,  | 1096.3,    | 1353.8, | 0.0);   |       |             |
| ( 396576.5, | 3815296.2, | 1106.2, | 1353.8, | 0.0); | ( 396558.0, |

```

3815281.2, 1116.8, 1353.8, 0.0);
(396539.5, 3815266.2, 1122.0, 1353.8, 0.0); (396521.0,
3815251.2, 1115.9, 1353.8, 0.0);
(396502.5, 3815236.2, 1106.0, 1353.8, 0.0); (396484.0,
3815221.2, 1095.5, 1353.8, 0.0);
(396896.6, 3815240.3, 1043.7, 1606.9, 0.0); (396911.4,
3815258.8, 1040.4, 1606.9, 0.0);
(396926.1, 3815277.3, 1036.7, 1606.9, 0.0); (396940.8,
3815295.9, 1033.4, 1606.9, 0.0);
(396955.5, 3815314.4, 1030.2, 1606.9, 0.0); (396970.2,
3815332.9, 1027.6, 1606.9, 0.0);
(396984.9, 3815351.4, 1025.2, 1606.9, 0.0); (396999.6,
3815370.0, 1023.2, 1606.9, 0.0);
(397014.3, 3815388.5, 1021.5, 1606.9, 0.0); (397029.0,
3815407.0, 1020.3, 1606.9, 0.0);
(397043.8, 3815425.5, 1020.0, 1606.9, 0.0); (397058.5,
3815444.1, 1020.2, 1606.9, 0.0);
(397073.2, 3815462.6, 1018.4, 1606.9, 0.0); (397087.9,
3815481.1, 1013.3, 1606.9, 0.0);
(397102.6, 3815499.6, 1004.5, 1606.9, 0.0); (397161.4,
3815573.7, 991.1, 1606.9, 0.0);
(397176.1, 3815592.3, 991.1, 1606.9, 0.0); (397190.9,
3815610.8, 991.1, 1606.9, 0.0);
(397205.6, 3815629.3, 990.9, 1606.9, 0.0); (397220.3,
3815647.8, 990.6, 1606.9, 0.0);
(397235.0, 3815666.4, 990.2, 1606.9, 0.0); (397249.7,
3815684.9, 989.9, 1606.9, 0.0);
(397264.4, 3815703.4, 989.3, 1606.9, 0.0); (397279.1,
3815721.9, 989.8, 1606.9, 0.0);
(397293.8, 3815740.5, 990.9, 1606.9, 0.0); (397308.5,
3815759.0, 994.1, 1606.9, 0.0);
(397323.2, 3815777.5, 996.5, 1606.9, 0.0); (397338.0,
3815796.0, 996.1, 1606.9, 0.0);
(397352.7, 3815814.6, 995.8, 1606.9, 0.0); (396881.9,
3815221.8, 1046.7, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 176

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396863.4, 3815206.8, 1050.1, 1606.9, 0.0); (396844.9,
3815191.8, 1053.2, 1606.9, 0.0);
(396826.4, 3815176.8, 1055.8, 1606.9, 0.0); (396807.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815161.8,  | 1058.7,    | 1606.9, | 0.0);   |       |             |
| ( 396789.4, | 3815146.8, | 1062.2, | 1606.9, | 0.0); | ( 396770.9, |
| 3815131.8,  | 1065.5,    | 1606.9, | 0.0);   |       |             |
| ( 396752.4, | 3815116.9, | 1068.9, | 1606.9, | 0.0); | ( 396733.8, |
| 3815101.9,  | 1071.4,    | 1606.9, | 0.0);   |       |             |
| ( 396715.3, | 3815086.9, | 1074.1, | 1606.9, | 0.0); | ( 396696.8, |
| 3815071.9,  | 1077.2,    | 1606.9, | 0.0);   |       |             |
| ( 396678.3, | 3815056.9, | 1082.3, | 1353.8, | 0.0); | ( 396659.8, |
| 3815041.9,  | 1088.7,    | 1353.8, | 0.0);   |       |             |
| ( 396641.3, | 3815026.9, | 1094.5, | 1353.8, | 0.0); | ( 397211.3, |
| 3814851.8,  | 1041.8,    | 1606.9, | 0.0);   |       |             |
| ( 397226.1, | 3814870.4, | 1039.6, | 1606.9, | 0.0); | ( 397240.9, |
| 3814889.0,  | 1037.1,    | 1606.9, | 0.0);   |       |             |
| ( 397255.6, | 3814907.6, | 1034.3, | 1606.9, | 0.0); | ( 397270.4, |
| 3814926.2,  | 1032.1,    | 1606.9, | 0.0);   |       |             |
| ( 397285.2, | 3814944.8, | 1030.6, | 1606.9, | 0.0); | ( 397300.0, |
| 3814963.4,  | 1027.1,    | 1606.9, | 0.0);   |       |             |
| ( 397314.8, | 3814982.0, | 1023.8, | 1606.9, | 0.0); | ( 397329.5, |
| 3815000.6,  | 1021.8,    | 1606.9, | 0.0);   |       |             |
| ( 397344.3, | 3815019.2, | 1021.2, | 1606.9, | 0.0); | ( 397359.1, |
| 3815037.8,  | 1017.8,    | 1606.9, | 0.0);   |       |             |
| ( 397373.8, | 3815056.4, | 1014.5, | 1606.9, | 0.0); | ( 397388.6, |
| 3815075.0,  | 1012.9,    | 1606.9, | 0.0);   |       |             |
| ( 397403.4, | 3815093.6, | 1012.9, | 1606.9, | 0.0); | ( 397462.5, |
| 3815168.1,  | 1013.5,    | 1606.9, | 0.0);   |       |             |
| ( 397492.0, | 3815205.3, | 1014.6, | 1606.9, | 0.0); | ( 397506.8, |
| 3815223.9,  | 1015.5,    | 1606.9, | 0.0);   |       |             |
| ( 397521.6, | 3815242.5, | 1017.3, | 1606.9, | 0.0); | ( 397536.4, |
| 3815261.1,  | 1021.4,    | 1606.9, | 0.0);   |       |             |
| ( 397551.1, | 3815279.7, | 1027.8, | 1606.9, | 0.0); | ( 397565.9, |
| 3815298.3,  | 1034.1,    | 1606.9, | 0.0);   |       |             |
| ( 397580.7, | 3815316.9, | 1036.8, | 1606.9, | 0.0); | ( 397595.5, |
| 3815335.5,  | 1032.9,    | 1606.9, | 0.0);   |       |             |
| ( 397610.2, | 3815354.1, | 1029.8, | 1606.9, | 0.0); | ( 397625.0, |
| 3815372.7,  | 1032.3,    | 1606.9, | 0.0);   |       |             |
| ( 397639.8, | 3815391.3, | 1034.8, | 1606.9, | 0.0); | ( 397654.6, |
| 3815409.9,  | 1035.1,    | 1606.9, | 0.0);   |       |             |
| ( 397669.3, | 3815428.5, | 1033.8, | 1606.9, | 0.0); | ( 397684.1, |
| 3815447.1,  | 1033.6,    | 1606.9, | 0.0);   |       |             |
| ( 397698.9, | 3815465.8, | 1032.7, | 1606.9, | 0.0); | ( 397713.7, |
| 3815484.4,  | 1035.7,    | 1606.9, | 0.0);   |       |             |
| ( 397728.5, | 3815503.0, | 1039.0, | 1606.9, | 0.0); | ( 397743.2, |
| 3815521.6,  | 1042.7,    | 1606.9, | 0.0);   |       |             |
| ( 397758.0, | 3815540.2, | 1047.0, | 1606.9, | 0.0); | ( 397772.8, |
| 3815558.8,  | 1049.9,    | 1606.9, | 0.0);   |       |             |
| ( 397196.5, | 3814833.1, | 1044.4, | 1606.9, | 0.0); | ( 397178.0, |
| 3814818.2,  | 1046.6,    | 1606.9, | 0.0);   |       |             |
| ( 397159.5, | 3814803.2, | 1049.0, | 1606.9, | 0.0); | ( 397141.0, |
| 3814788.2,  | 1050.8,    | 1606.9, | 0.0);   |       |             |
| ( 397122.5, | 3814773.2, | 1052.6, | 1606.9, | 0.0); | ( 397104.0, |



```

3814758.2, 1054.4, 1606.9, 0.0);
(397085.5, 3814743.2, 1056.2, 1606.9, 0.0); (397067.0,
3814728.2, 1058.0, 1606.9, 0.0);
(397048.5, 3814713.3, 1059.7, 1606.9, 0.0); (397029.9,
3814698.3, 1060.6, 1606.9, 0.0);
(397011.4, 3814683.3, 1061.3, 1606.9, 0.0); (396992.9,
3814668.3, 1062.6, 1606.9, 0.0);
(396974.4, 3814653.3, 1063.0, 1606.9, 0.0); (396955.9,
3814638.3, 1065.0, 1606.9, 0.0);
(397525.7, 3814462.8, 1036.6, 1708.3, 0.0); (397540.2,
3814481.1, 1036.2, 1708.3, 0.0);
(397554.8, 3814499.4, 1035.8, 1708.3, 0.0); (397569.3,
3814517.8, 1035.1, 1708.3, 0.0);
(397583.8, 3814536.1, 1034.5, 1708.3, 0.0); (397598.4,
3814554.4, 1033.6, 1708.3, 0.0);
(397612.9, 3814572.7, 1032.7, 1708.3, 0.0); (397627.5,
3814591.0, 1032.0, 1708.3, 0.0);
(397642.0, 3814609.3, 1031.4, 1708.3, 0.0); (397656.5,
3814627.6, 1031.1, 1708.3, 0.0);
(397671.1, 3814645.9, 1030.4, 1708.3, 0.0); (397685.6,
3814664.2, 1029.8, 1708.3, 0.0);
(397700.1, 3814682.5, 1030.5, 1708.3, 0.0); (397714.7,
3814700.8, 1031.5, 1708.3, 0.0);
(397743.8, 3814737.4, 1033.9, 1708.3, 0.0); (397772.8,
3814774.1, 1035.4, 1708.3, 0.0);
(397787.4, 3814792.4, 1036.9, 1708.3, 0.0); (397801.9,
3814810.7, 1039.5, 1708.3, 0.0);
(397816.5, 3814829.0, 1041.0, 1708.3, 0.0); (397831.0,
3814847.3, 1040.1, 1708.3, 0.0);
(397845.5, 3814865.6, 1040.2, 1708.3, 0.0); (397860.1,
3814883.9, 1041.1, 1708.3, 0.0);
(397874.6, 3814902.2, 1042.5, 1708.3, 0.0); (397889.1,
3814920.5, 1045.1, 1708.3, 0.0);
(397903.7, 3814938.8, 1047.8, 1708.3, 0.0); (397918.2,
3814957.1, 1050.4, 1708.3, 0.0);
(397932.8, 3814975.4, 1054.4, 1606.9, 0.0); (397947.3,
3814993.8, 1059.2, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 177

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(397961.8, 3815012.1, 1061.8, 1606.9, 0.0); (397976.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815030.4,  | 1062.5,    | 1606.9, | 0.0);   |       |             |
| ( 397990.9, | 3815048.7, | 1062.4, | 1606.9, | 0.0); | ( 398005.4, |
| 3815067.0,  | 1062.5,    | 1606.9, | 0.0);   |       |             |
| ( 398020.0, | 3815085.3, | 1063.9, | 1606.9, | 0.0); | ( 398034.5, |
| 3815103.6,  | 1064.8,    | 1606.9, | 0.0);   |       |             |
| ( 398049.1, | 3815121.9, | 1065.3, | 1606.9, | 0.0); | ( 398063.6, |
| 3815140.2,  | 1065.9,    | 1606.9, | 0.0);   |       |             |
| ( 398078.1, | 3815158.5, | 1066.1, | 1606.9, | 0.0); | ( 398092.7, |
| 3815176.8,  | 1066.4,    | 1606.9, | 0.0);   |       |             |
| ( 398107.2, | 3815195.1, | 1068.4, | 1606.9, | 0.0); | ( 398121.8, |
| 3815213.4,  | 1071.3,    | 1606.9, | 0.0);   |       |             |
| ( 398136.3, | 3815231.8, | 1073.7, | 1606.9, | 0.0); | ( 398150.8, |
| 3815250.1,  | 1076.2,    | 1606.9, | 0.0);   |       |             |
| ( 398165.4, | 3815268.4, | 1077.2, | 1606.9, | 0.0); | ( 398179.9, |
| 3815286.7,  | 1078.3,    | 1606.9, | 0.0);   |       |             |
| ( 398194.4, | 3815305.0, | 1078.5, | 1606.9, | 0.0); | ( 398209.0, |
| 3815323.3,  | 1081.0,    | 1606.9, | 0.0);   |       |             |
| ( 397511.1, | 3814444.5, | 1037.0, | 1708.3, | 0.0); | ( 397492.6, |
| 3814429.5,  | 1037.6,    | 1708.3, | 0.0);   |       |             |
| ( 397474.1, | 3814414.6, | 1039.1, | 1708.3, | 0.0); | ( 397455.6, |
| 3814399.6,  | 1043.2,    | 1708.3, | 0.0);   |       |             |
| ( 397437.1, | 3814384.6, | 1049.1, | 1708.3, | 0.0); | ( 397418.6, |
| 3814369.6,  | 1052.5,    | 1708.3, | 0.0);   |       |             |
| ( 397400.1, | 3814354.6, | 1052.6, | 1708.3, | 0.0); | ( 397381.6, |
| 3814339.6,  | 1051.8,    | 1708.3, | 0.0);   |       |             |
| ( 397363.1, | 3814324.6, | 1053.8, | 1708.3, | 0.0); | ( 397344.5, |
| 3814309.6,  | 1057.9,    | 1708.3, | 0.0);   |       |             |
| ( 397326.0, | 3814294.7, | 1063.9, | 1708.3, | 0.0); | ( 397307.5, |
| 3814279.7,  | 1073.3,    | 1606.9, | 0.0);   |       |             |
| ( 397289.0, | 3814264.7, | 1082.8, | 1606.9, | 0.0); | ( 397270.5, |
| 3814249.7,  | 1092.2,    | 1606.9, | 0.0);   |       |             |
| ( 397840.4, | 3814074.3, | 1072.5, | 1708.3, | 0.0); | ( 397855.0, |
| 3814092.7,  | 1073.5,    | 1708.3, | 0.0);   |       |             |
| ( 397869.6, | 3814111.1, | 1071.3, | 1708.3, | 0.0); | ( 397884.2, |
| 3814129.5,  | 1067.0,    | 1708.3, | 0.0);   |       |             |
| ( 397898.8, | 3814147.9, | 1065.6, | 1708.3, | 0.0); | ( 397913.4, |
| 3814166.3,  | 1065.6,    | 1708.3, | 0.0);   |       |             |
| ( 397928.0, | 3814184.7, | 1066.5, | 1708.3, | 0.0); | ( 397942.6, |
| 3814203.1,  | 1067.8,    | 1708.3, | 0.0);   |       |             |
| ( 397957.2, | 3814221.5, | 1070.5, | 1708.3, | 0.0); | ( 397971.8, |
| 3814239.9,  | 1074.8,    | 1708.3, | 0.0);   |       |             |
| ( 397986.4, | 3814258.3, | 1079.2, | 1708.3, | 0.0); | ( 398001.0, |
| 3814276.7,  | 1084.4,    | 1708.3, | 0.0);   |       |             |
| ( 398015.7, | 3814295.1, | 1093.0, | 1708.3, | 0.0); | ( 398030.3, |
| 3814313.4,  | 1103.8,    | 1708.3, | 0.0);   |       |             |
| ( 398059.5, | 3814350.2, | 1123.2, | 1606.9, | 0.0); | ( 398088.7, |
| 3814387.0,  | 1142.4,    | 1606.9, | 0.0);   |       |             |
| ( 398103.3, | 3814405.4, | 1150.1, | 1606.9, | 0.0); | ( 398117.9, |
| 3814423.8,  | 1155.5,    | 1606.9, | 0.0);   |       |             |
| ( 398132.5, | 3814442.2, | 1161.2, | 1606.9, | 0.0); | ( 398147.1, |

```

3814460.6, 1161.6, 1606.9, 0.0);
(398161.7, 3814479.0, 1162.6, 1606.9, 0.0); (398176.3,
3814497.4, 1162.6, 1606.9, 0.0);
(398191.0, 3814515.8, 1162.3, 1606.9, 0.0); (398205.6,
3814534.2, 1159.9, 1606.9, 0.0);
(398220.2, 3814552.6, 1155.5, 1606.9, 0.0); (398234.8,
3814571.0, 1152.0, 1606.9, 0.0);
(398249.4, 3814589.4, 1150.3, 1606.9, 0.0); (398264.0,
3814607.8, 1148.4, 1606.9, 0.0);
(398278.6, 3814626.2, 1145.7, 1606.9, 0.0); (398293.2,
3814644.6, 1142.9, 1606.9, 0.0);
(398307.8, 3814663.0, 1139.4, 1606.9, 0.0); (398322.4,
3814681.4, 1135.8, 1606.9, 0.0);
(398337.0, 3814699.8, 1131.6, 1606.9, 0.0); (398351.6,
3814718.2, 1126.9, 1606.9, 0.0);
(398366.2, 3814736.5, 1121.7, 1606.9, 0.0); (398380.9,
3814754.9, 1117.4, 1606.9, 0.0);
(398395.5, 3814773.3, 1112.7, 1606.9, 0.0); (398410.1,
3814791.7, 1109.6, 1606.9, 0.0);
(398424.7, 3814810.1, 1112.4, 1606.9, 0.0); (398439.3,
3814828.5, 1117.9, 1606.9, 0.0);
(398453.9, 3814846.9, 1122.1, 1606.9, 0.0); (398468.5,
3814865.3, 1125.5, 1606.9, 0.0);
(398483.1, 3814883.7, 1126.5, 1606.9, 0.0); (398497.7,
3814902.1, 1128.2, 1606.9, 0.0);
(398512.3, 3814920.5, 1127.4, 1606.9, 0.0); (398526.9,
3814938.9, 1124.7, 1606.9, 0.0);
(398541.5, 3814957.3, 1122.4, 1606.9, 0.0); (398556.2,
3814975.7, 1120.5, 1606.9, 0.0);
(398570.8, 3814994.1, 1117.1, 1606.9, 0.0); (398585.4,
3815012.5, 1114.1, 1606.9, 0.0);
(398600.0, 3815030.9, 1111.6, 1606.9, 0.0); (398614.6,
3815049.3, 1108.8, 1606.9, 0.0);
(398629.2, 3815067.7, 1106.6, 1606.9, 0.0); (398643.8,
3815086.1, 1105.4, 1606.9, 0.0);
(397825.8, 3814055.9, 1067.3, 1708.3, 0.0); (397807.2,
3814040.9, 1064.3, 1708.3, 0.0);
(397788.7, 3814025.9, 1063.5, 1708.3, 0.0); (397770.2,
3814010.9, 1064.9, 1708.3, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 178

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 397751.7, 3813996.0, 1064.5, 1708.3, | 0.0); | ( 397733.2, |
| 3813981.0, 1062.5, 1708.3, 0.0);       |       |             |
| ( 397714.7, 3813966.0, 1058.8, 1708.3, | 0.0); | ( 397696.2, |
| 3813951.0, 1056.9, 1708.3, 0.0);       |       |             |
| ( 397677.7, 3813936.0, 1057.3, 1708.3, | 0.0); | ( 397659.1, |
| 3813921.0, 1058.0, 1708.3, 0.0);       |       |             |
| ( 397640.6, 3813906.0, 1058.6, 1708.3, | 0.0); | ( 397622.1, |
| 3813891.1, 1059.3, 1708.3, 0.0);       |       |             |
| ( 397603.6, 3813876.1, 1060.6, 1708.3, | 0.0); | ( 397585.1, |
| 3813861.1, 1062.7, 1708.3, 0.0);       |       |             |
| ( 398155.0, 3813685.8, 1087.4, 2084.1, | 0.0); | ( 398169.7, |
| 3813704.2, 1089.5, 2084.1, 0.0);       |       |             |
| ( 398184.3, 3813722.7, 1091.3, 2084.1, | 0.0); | ( 398199.0, |
| 3813741.1, 1093.3, 2084.1, 0.0);       |       |             |
| ( 398213.7, 3813759.6, 1095.1, 2084.1, | 0.0); | ( 398228.3, |
| 3813778.1, 1097.4, 2084.1, 0.0);       |       |             |
| ( 398243.0, 3813796.5, 1100.1, 1708.3, | 0.0); | ( 398257.6, |
| 3813815.0, 1106.7, 1708.3, 0.0);       |       |             |
| ( 398272.3, 3813833.4, 1114.9, 1708.3, | 0.0); | ( 398287.0, |
| 3813851.9, 1124.3, 1708.3, 0.0);       |       |             |
| ( 398301.6, 3813870.4, 1133.0, 1708.3, | 0.0); | ( 398316.3, |
| 3813888.8, 1143.0, 1708.3, 0.0);       |       |             |
| ( 398331.0, 3813907.3, 1153.3, 1708.3, | 0.0); | ( 398345.6, |
| 3813925.8, 1163.9, 1606.9, 0.0);       |       |             |
| ( 398360.3, 3813944.2, 1174.2, 1606.9, | 0.0); | ( 398374.9, |
| 3813962.7, 1182.7, 1606.9, 0.0);       |       |             |
| ( 398389.6, 3813981.1, 1189.6, 1606.9, | 0.0); | ( 398404.2, |
| 3813999.6, 1197.5, 1606.9, 0.0);       |       |             |
| ( 398418.9, 3814018.1, 1204.4, 1606.9, | 0.0); | ( 398433.6, |
| 3814036.5, 1212.6, 1606.9, 0.0);       |       |             |
| ( 398448.2, 3814055.0, 1221.1, 1606.9, | 0.0); | ( 398462.9, |
| 3814073.4, 1228.4, 1606.9, 0.0);       |       |             |
| ( 398477.5, 3814091.9, 1232.7, 1606.9, | 0.0); | ( 398492.2, |
| 3814110.4, 1237.4, 1606.9, 0.0);       |       |             |
| ( 398506.9, 3814128.8, 1240.2, 1606.9, | 0.0); | ( 398521.5, |
| 3814147.3, 1241.5, 1606.9, 0.0);       |       |             |
| ( 398536.2, 3814165.8, 1239.9, 1606.9, | 0.0); | ( 398550.8, |
| 3814184.2, 1241.1, 1606.9, 0.0);       |       |             |
| ( 398565.5, 3814202.7, 1243.4, 1606.9, | 0.0); | ( 398580.2, |
| 3814221.1, 1243.7, 1606.9, 0.0);       |       |             |
| ( 398594.8, 3814239.6, 1242.0, 1606.9, | 0.0); | ( 398609.5, |
| 3814258.1, 1241.2, 1606.9, 0.0);       |       |             |
| ( 398624.1, 3814276.5, 1243.2, 1606.9, | 0.0); | ( 398638.8, |
| 3814295.0, 1252.0, 1606.9, 0.0);       |       |             |
| ( 398653.5, 3814313.4, 1262.6, 1606.9, | 0.0); | ( 398668.1, |
| 3814331.9, 1275.7, 1606.9, 0.0);       |       |             |
| ( 398682.8, 3814350.4, 1287.3, 1606.9, | 0.0); | ( 398697.5, |
| 3814368.8, 1298.5, 1312.4, 0.0);       |       |             |
| ( 398712.1, 3814387.3, 1306.3, 1312.4, | 0.0); | ( 398726.8, |

```

3814405.8, 1311.5, 1311.5, 0.0);
(398741.4, 3814424.2, 1306.3, 1312.4, 0.0); (398756.1,
3814442.7, 1301.2, 1312.4, 0.0);
(398770.8, 3814461.1, 1293.8, 1606.9, 0.0); (398785.4,
3814479.6, 1286.9, 1606.9, 0.0);
(398800.1, 3814498.1, 1280.3, 1606.9, 0.0); (398814.7,
3814516.5, 1276.9, 1606.9, 0.0);
(398829.4, 3814535.0, 1278.2, 1606.9, 0.0); (398844.0,
3814553.4, 1275.7, 1606.9, 0.0);
(398858.7, 3814571.9, 1267.9, 1606.9, 0.0); (398873.4,
3814590.4, 1255.9, 1606.9, 0.0);
(398888.0, 3814608.8, 1243.0, 1606.9, 0.0); (398902.7,
3814627.3, 1230.5, 1606.9, 0.0);
(398917.3, 3814645.8, 1217.8, 1606.9, 0.0); (398932.0,
3814664.2, 1206.4, 1606.9, 0.0);
(398946.7, 3814682.7, 1195.0, 1606.9, 0.0); (398961.3,
3814701.1, 1185.2, 1606.9, 0.0);
(398976.0, 3814719.6, 1177.5, 1606.9, 0.0); (398990.6,
3814738.1, 1173.9, 1606.9, 0.0);
(399005.3, 3814756.5, 1177.6, 1606.9, 0.0); (399020.0,
3814775.0, 1182.3, 1606.9, 0.0);
(399034.6, 3814793.4, 1186.3, 1606.9, 0.0); (399049.3,
3814811.9, 1189.6, 1606.9, 0.0);
(399064.0, 3814830.4, 1191.0, 1606.9, 0.0); (399078.6,
3814848.8, 1189.1, 1606.9, 0.0);
(399093.3, 3814867.3, 1184.8, 1606.9, 0.0); (398140.4,
3813667.3, 1085.5, 2084.1, 0.0);
(398121.8, 3813652.3, 1083.8, 2084.1, 0.0); (398103.3,
3813637.3, 1082.7, 2084.1, 0.0);
(398084.8, 3813622.3, 1081.3, 2084.1, 0.0); (398066.3,
3813607.3, 1080.7, 2084.1, 0.0);
(398047.8, 3813592.4, 1081.2, 2084.1, 0.0); (398029.3,
3813577.4, 1084.0, 2084.1, 0.0);
(398010.8, 3813562.4, 1088.0, 2084.1, 0.0); (397992.3,
3813547.4, 1086.1, 2084.1, 0.0);
(397973.8, 3813532.4, 1081.3, 2084.1, 0.0); (397955.2,
3813517.4, 1079.6, 2084.1, 0.0);
(397936.7, 3813502.4, 1079.3, 2084.1, 0.0); (397918.2,
3813487.5, 1078.6, 2084.1, 0.0);
(397899.7, 3813472.5, 1078.2, 2084.1, 0.0); (398994.1,
3812649.6, 1156.7, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 179

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 399008.8, 3812668.1, 1156.7, 2167.9, 0.0); | ( 399023.6, |
| 3812686.7, 1158.3, 2167.9, 0.0);             |             |
| ( 399038.3, 3812705.3, 1161.0, 2167.9, 0.0); | ( 399053.1, |
| 3812723.9, 1163.6, 2167.9, 0.0);             |             |
| ( 399067.8, 3812742.4, 1165.8, 2167.9, 0.0); | ( 399082.6, |
| 3812761.0, 1169.4, 2167.9, 0.0);             |             |
| ( 399097.3, 3812779.6, 1172.0, 2167.9, 0.0); | ( 399112.1, |
| 3812798.2, 1177.5, 2167.9, 0.0);             |             |
| ( 399126.8, 3812816.8, 1178.6, 2167.9, 0.0); | ( 399141.6, |
| 3812835.3, 1178.2, 2167.9, 0.0);             |             |
| ( 399156.3, 3812853.9, 1177.5, 2167.9, 0.0); | ( 399171.1, |
| 3812872.5, 1176.1, 2167.9, 0.0);             |             |
| ( 399185.8, 3812891.0, 1172.1, 2167.9, 0.0); | ( 399200.6, |
| 3812909.6, 1170.1, 2167.9, 0.0);             |             |
| ( 399215.3, 3812928.2, 1171.2, 2167.9, 0.0); | ( 399230.1, |
| 3812946.8, 1173.7, 2167.9, 0.0);             |             |
| ( 399244.8, 3812965.3, 1174.4, 2167.9, 0.0); | ( 399259.6, |
| 3812983.9, 1172.8, 2167.9, 0.0);             |             |
| ( 399274.3, 3813002.5, 1168.1, 2167.9, 0.0); | ( 399289.1, |
| 3813021.1, 1165.9, 2167.9, 0.0);             |             |
| ( 399303.8, 3813039.6, 1166.6, 2167.9, 0.0); | ( 399318.6, |
| 3813058.2, 1168.0, 2167.9, 0.0);             |             |
| ( 399333.3, 3813076.8, 1168.0, 2167.9, 0.0); | ( 399348.1, |
| 3813095.4, 1168.7, 2167.9, 0.0);             |             |
| ( 399362.8, 3813114.0, 1169.2, 2167.9, 0.0); | ( 399377.6, |
| 3813132.5, 1169.3, 2167.9, 0.0);             |             |
| ( 399392.3, 3813151.1, 1172.1, 2167.9, 0.0); | ( 399407.1, |
| 3813169.7, 1173.0, 2167.9, 0.0);             |             |
| ( 399421.8, 3813188.3, 1173.1, 2167.9, 0.0); | ( 399436.6, |
| 3813206.8, 1173.0, 2167.9, 0.0);             |             |
| ( 399451.3, 3813225.4, 1174.2, 2167.9, 0.0); | ( 399466.1, |
| 3813244.0, 1175.1, 2167.9, 0.0);             |             |
| ( 399480.8, 3813262.6, 1175.5, 2167.9, 0.0); | ( 399495.6, |
| 3813281.1, 1174.3, 2167.9, 0.0);             |             |
| ( 399510.3, 3813299.7, 1173.2, 2167.9, 0.0); | ( 399525.1, |
| 3813318.3, 1171.2, 2167.9, 0.0);             |             |
| ( 399539.9, 3813336.9, 1171.8, 2167.9, 0.0); | ( 399554.6, |
| 3813355.4, 1172.9, 2167.9, 0.0);             |             |
| ( 399569.4, 3813374.0, 1173.8, 2167.1, 0.0); | ( 399584.1, |
| 3813392.6, 1176.7, 2084.1, 0.0);             |             |
| ( 399598.9, 3813411.2, 1179.4, 2084.1, 0.0); | ( 399613.6, |
| 3813429.8, 1184.9, 2084.1, 0.0);             |             |
| ( 399628.4, 3813448.3, 1187.9, 2084.1, 0.0); | ( 399643.1, |
| 3813466.9, 1191.2, 2084.1, 0.0);             |             |
| ( 399657.9, 3813485.5, 1194.0, 2084.1, 0.0); | ( 399672.6, |
| 3813504.0, 1196.8, 1792.9, 0.0);             |             |
| ( 399687.4, 3813522.6, 1198.3, 1792.9, 0.0); | ( 399702.1, |

```

3813541.2, 1199.9, 1792.9, 0.0);
(399716.9, 3813559.8, 1201.3, 1792.9, 0.0); (399731.6,
3813578.3, 1202.6, 1792.9, 0.0);
(399746.4, 3813596.9, 1203.7, 1708.3, 0.0); (399761.1,
3813615.5, 1204.3, 1708.3, 0.0);
(399775.9, 3813634.1, 1204.0, 1708.3, 0.0); (399790.6,
3813652.7, 1203.8, 1708.3, 0.0);
(399805.4, 3813671.2, 1200.1, 1708.3, 0.0); (399820.1,
3813689.8, 1196.2, 1792.9, 0.0);
(399834.9, 3813708.4, 1194.5, 1792.9, 0.0); (399849.6,
3813727.0, 1194.1, 1792.9, 0.0);
(399864.4, 3813745.5, 1194.0, 1792.9, 0.0); (399879.1,
3813764.1, 1194.5, 1708.3, 0.0);
(399893.9, 3813782.7, 1195.2, 1708.3, 0.0); (399908.6,
3813801.3, 1196.3, 1708.3, 0.0);
(399923.4, 3813819.8, 1197.4, 1708.3, 0.0); (399938.1,
3813838.4, 1199.1, 1708.3, 0.0);
(399952.9, 3813857.0, 1200.8, 1708.3, 0.0); (399967.6,
3813875.6, 1204.3, 1708.3, 0.0);
(399982.4, 3813894.1, 1206.6, 1708.3, 0.0); (399997.1,
3813912.7, 1209.9, 1708.3, 0.0);
(400011.9, 3813931.3, 1211.1, 1708.3, 0.0); (400026.6,
3813949.9, 1211.9, 1708.3, 0.0);
(400041.4, 3813968.4, 1213.2, 1708.3, 0.0); (400056.1,
3813987.0, 1214.3, 1708.3, 0.0);
(400070.9, 3814005.6, 1216.5, 1708.3, 0.0); (400085.6,
3814024.2, 1218.5, 1708.3, 0.0);
(400100.4, 3814042.8, 1220.8, 1708.3, 0.0); (400115.1,
3814061.3, 1223.2, 1708.3, 0.0);
(400129.9, 3814079.9, 1224.3, 1606.9, 0.0); (400144.6,
3814098.5, 1226.8, 1606.9, 0.0);
(400159.4, 3814117.0, 1228.9, 1606.9, 0.0); (400174.1,
3814135.6, 1233.4, 1606.9, 0.0);
(400188.9, 3814154.2, 1236.3, 1606.9, 0.0); (400203.6,
3814172.8, 1238.6, 1606.9, 0.0);
(400218.4, 3814191.4, 1242.6, 1606.9, 0.0); (400233.1,
3814209.9, 1245.0, 1606.9, 0.0);
(400247.9, 3814228.5, 1246.8, 1606.9, 0.0); (400262.7,
3814247.1, 1248.0, 1606.9, 0.0);
(400277.4, 3814265.7, 1247.9, 1606.9, 0.0); (400292.2,
3814284.2, 1249.6, 1606.9, 0.0);
(400306.9, 3814302.8, 1250.3, 1606.9, 0.0); (400321.7,
3814321.4, 1253.4, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 400336.4, 3814340.0, 1260.1, 1606.9, 0.0); | ( 400351.2, |
| 3814358.5, 1267.5, 1606.9, 0.0);             |             |
| ( 400365.9, 3814377.1, 1274.4, 1606.9, 0.0); | ( 398979.3, |
| 3812631.0, 1157.0, 2167.9, 0.0);             |             |
| ( 398960.8, 3812616.0, 1155.7, 2167.9, 0.0); | ( 398942.3, |
| 3812601.0, 1151.9, 2167.9, 0.0);             |             |
| ( 398923.8, 3812586.0, 1148.4, 2167.9, 0.0); | ( 398905.3, |
| 3812571.0, 1144.7, 2167.9, 0.0);             |             |
| ( 398886.8, 3812556.1, 1141.0, 2167.9, 0.0); | ( 398868.2, |
| 3812541.1, 1140.0, 2167.9, 0.0);             |             |
| ( 398849.7, 3812526.1, 1137.5, 2167.9, 0.0); | ( 398831.2, |
| 3812511.1, 1137.3, 2167.9, 0.0);             |             |
| ( 398812.7, 3812496.1, 1137.5, 2167.9, 0.0); | ( 398794.2, |
| 3812481.1, 1137.5, 2167.9, 0.0);             |             |
| ( 398775.7, 3812466.1, 1137.4, 2167.9, 0.0); | ( 398757.2, |
| 3812451.1, 1138.1, 2167.9, 0.0);             |             |
| ( 398738.7, 3812436.2, 1140.9, 2167.9, 0.0); | ( 399833.1, |
| 3811613.3, 1210.3, 2167.9, 0.0);             |             |
| ( 399847.9, 3811632.0, 1204.9, 2167.9, 0.0); | ( 399862.7, |
| 3811650.6, 1203.0, 2167.9, 0.0);             |             |
| ( 399877.5, 3811669.2, 1203.9, 2167.9, 0.0); | ( 399892.3, |
| 3811687.9, 1206.3, 2167.9, 0.0);             |             |
| ( 399907.1, 3811706.5, 1211.1, 2167.9, 0.0); | ( 399921.9, |
| 3811725.2, 1214.7, 2167.9, 0.0);             |             |
| ( 399936.7, 3811743.8, 1217.9, 2167.9, 0.0); | ( 399951.5, |
| 3811762.5, 1219.8, 2167.9, 0.0);             |             |
| ( 399966.3, 3811781.1, 1222.0, 2167.9, 0.0); | ( 399981.1, |
| 3811799.8, 1224.6, 2167.9, 0.0);             |             |
| ( 399995.9, 3811818.4, 1227.3, 2167.9, 0.0); | ( 400010.7, |
| 3811837.0, 1230.2, 2167.9, 0.0);             |             |
| ( 400025.5, 3811855.7, 1233.4, 2167.9, 0.0); | ( 400040.3, |
| 3811874.3, 1237.3, 2167.9, 0.0);             |             |
| ( 400055.1, 3811893.0, 1242.3, 2167.9, 0.0); | ( 400070.0, |
| 3811911.6, 1249.9, 2167.9, 0.0);             |             |
| ( 400084.8, 3811930.3, 1259.5, 2167.9, 0.0); | ( 400099.6, |
| 3811948.9, 1270.6, 2167.9, 0.0);             |             |
| ( 400114.4, 3811967.6, 1280.9, 2167.9, 0.0); | ( 400129.2, |
| 3811986.2, 1290.1, 2167.9, 0.0);             |             |
| ( 400144.0, 3812004.8, 1295.7, 2167.9, 0.0); | ( 400158.8, |
| 3812023.5, 1301.0, 2167.9, 0.0);             |             |
| ( 400173.6, 3812042.1, 1302.6, 2167.9, 0.0); | ( 400188.4, |
| 3812060.8, 1304.4, 2167.9, 0.0);             |             |
| ( 400203.2, 3812079.4, 1306.5, 2167.9, 0.0); | ( 400218.0, |
| 3812098.1, 1309.9, 2167.9, 0.0);             |             |
| ( 400232.8, 3812116.7, 1310.3, 2167.9, 0.0); | ( 400247.6, |



```

3812135.4, 1310.3, 2167.9, 0.0);
(400262.4, 3812154.0, 1312.5, 2167.9, 0.0); (400277.2,
3812172.6, 1314.5, 2166.8, 0.0);
(400292.0, 3812191.3, 1321.1, 2084.1, 0.0); (400306.8,
3812209.9, 1325.0, 2084.1, 0.0);
(400321.6, 3812228.6, 1325.9, 2084.1, 0.0); (400336.5,
3812247.2, 1327.5, 2084.1, 0.0);
(400351.3, 3812265.9, 1329.3, 2084.1, 0.0); (400366.1,
3812284.5, 1331.7, 2084.1, 0.0);
(400380.9, 3812303.1, 1333.8, 1792.9, 0.0); (400395.7,
3812321.8, 1333.4, 1792.9, 0.0);
(400410.5, 3812340.4, 1333.5, 1792.9, 0.0); (400425.3,
3812359.1, 1334.0, 1792.9, 0.0);
(400440.1, 3812377.7, 1336.8, 1792.9, 0.0); (400454.9,
3812396.4, 1340.0, 1792.9, 0.0);
(400469.7, 3812415.0, 1345.6, 1708.3, 0.0); (400484.5,
3812433.7, 1347.2, 1708.3, 0.0);
(400499.3, 3812452.3, 1346.1, 1708.3, 0.0); (400514.1,
3812470.9, 1338.8, 1708.3, 0.0);
(400528.9, 3812489.6, 1330.2, 1792.9, 0.0); (400543.7,
3812508.2, 1321.6, 1792.9, 0.0);
(400558.5, 3812526.9, 1317.9, 2084.1, 0.0); (400573.3,
3812545.5, 1312.3, 2084.1, 0.0);
(400588.1, 3812564.2, 1313.2, 2084.1, 0.0); (400603.0,
3812582.8, 1314.2, 2084.1, 0.0);
(400617.8, 3812601.5, 1315.9, 1792.9, 0.0); (400632.6,
3812620.1, 1315.0, 1792.9, 0.0);
(400647.4, 3812638.8, 1311.7, 2084.1, 0.0); (400662.2,
3812657.4, 1306.5, 2084.1, 0.0);
(400677.0, 3812676.0, 1301.8, 2084.1, 0.0); (400691.8,
3812694.7, 1299.6, 2084.1, 0.0);
(400706.6, 3812713.3, 1298.2, 2084.1, 0.0); (400721.4,
3812732.0, 1293.6, 2084.1, 0.0);
(400736.2, 3812750.6, 1291.7, 2084.1, 0.0); (400751.0,
3812769.2, 1295.9, 2084.1, 0.0);
(400765.8, 3812787.9, 1297.1, 2084.1, 0.0); (400780.6,
3812806.5, 1293.2, 2084.1, 0.0);
(400795.4, 3812825.2, 1290.1, 2084.1, 0.0); (400810.2,
3812843.8, 1287.8, 2084.1, 0.0);
(400825.0, 3812862.5, 1294.5, 2084.1, 0.0); (400839.8,
3812881.1, 1301.0, 1792.9, 0.0);
(400854.6, 3812899.8, 1308.7, 1792.9, 0.0); (400869.4,
3812918.4, 1315.9, 1708.3, 0.0);
(400884.2, 3812937.0, 1324.5, 1708.3, 0.0); (400899.0,
3812955.7, 1333.6, 1708.3, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 400913.9, 3812974.3, 1344.7, 1708.3, 0.0); | ( 400928.7, |
| 3812993.0, 1356.5, 1606.9, 0.0);             |             |
| ( 400943.5, 3813011.6, 1367.0, 1606.9, 0.0); | ( 400958.3, |
| 3813030.3, 1374.9, 1606.9, 0.0);             |             |
| ( 400973.1, 3813048.9, 1375.3, 1606.9, 0.0); | ( 400987.9, |
| 3813067.6, 1374.2, 1606.9, 0.0);             |             |
| ( 401002.7, 3813086.2, 1370.7, 1606.9, 0.0); | ( 401017.5, |
| 3813104.8, 1365.0, 1606.9, 0.0);             |             |
| ( 401032.3, 3813123.5, 1359.8, 1606.9, 0.0); | ( 401047.1, |
| 3813142.1, 1358.8, 1606.9, 0.0);             |             |
| ( 401061.9, 3813160.8, 1355.5, 1606.9, 0.0); | ( 401076.7, |
| 3813179.4, 1347.6, 1606.9, 0.0);             |             |
| ( 401091.5, 3813198.1, 1338.5, 1606.9, 0.0); | ( 401106.3, |
| 3813216.7, 1334.5, 1606.9, 0.0);             |             |
| ( 401121.1, 3813235.4, 1337.3, 1606.9, 0.0); | ( 401135.9, |
| 3813254.0, 1343.4, 1606.9, 0.0);             |             |
| ( 401150.7, 3813272.6, 1350.8, 1606.9, 0.0); | ( 401165.5, |
| 3813291.3, 1360.0, 1606.9, 0.0);             |             |
| ( 401180.3, 3813309.9, 1371.3, 1606.9, 0.0); | ( 401195.2, |
| 3813328.6, 1382.8, 1606.9, 0.0);             |             |
| ( 401210.0, 3813347.2, 1393.7, 1606.9, 0.0); | ( 401224.8, |
| 3813365.9, 1401.9, 1606.9, 0.0);             |             |
| ( 401239.6, 3813384.5, 1406.0, 1606.9, 0.0); | ( 401254.4, |
| 3813403.1, 1407.0, 1606.9, 0.0);             |             |
| ( 401269.2, 3813421.8, 1406.5, 1606.9, 0.0); | ( 401284.0, |
| 3813440.4, 1409.4, 1606.9, 0.0);             |             |
| ( 401298.8, 3813459.1, 1414.6, 1606.9, 0.0); | ( 401313.6, |
| 3813477.7, 1422.5, 1606.9, 0.0);             |             |
| ( 401328.4, 3813496.4, 1423.7, 1606.9, 0.0); | ( 401343.2, |
| 3813515.0, 1418.0, 1606.9, 0.0);             |             |
| ( 401358.0, 3813533.7, 1409.5, 1606.9, 0.0); | ( 401372.8, |
| 3813552.3, 1404.4, 1606.9, 0.0);             |             |
| ( 401387.6, 3813570.9, 1409.4, 1606.9, 0.0); | ( 401402.4, |
| 3813589.6, 1419.5, 1606.9, 0.0);             |             |
| ( 401417.2, 3813608.2, 1431.9, 1606.9, 0.0); | ( 401432.0, |
| 3813626.9, 1441.6, 1606.9, 0.0);             |             |
| ( 401446.8, 3813645.5, 1449.2, 1606.9, 0.0); | ( 401461.6, |
| 3813664.2, 1453.2, 1606.9, 0.0);             |             |
| ( 401476.5, 3813682.8, 1457.4, 1606.9, 0.0); | ( 401491.3, |
| 3813701.5, 1461.4, 1606.9, 0.0);             |             |
| ( 401506.1, 3813720.1, 1470.4, 1606.9, 0.0); | ( 401520.9, |
| 3813738.8, 1483.7, 1606.9, 0.0);             |             |
| ( 401535.7, 3813757.4, 1498.8, 1606.9, 0.0); | ( 401550.5, |

```

3813776.0, 1513.9, 1606.9, 0.0);
(401565.3, 3813794.7, 1526.4, 1606.9, 0.0); (399818.3,
3811594.7, 1217.8, 2167.9, 0.0);
(399799.8, 3811579.7, 1224.8, 2167.9, 0.0); (399781.2,
3811564.7, 1233.1, 2167.9, 0.0);
(399762.7, 3811549.7, 1236.5, 2167.9, 0.0); (399744.2,
3811534.7, 1231.9, 2167.9, 0.0);
(399725.7, 3811519.8, 1224.7, 2167.9, 0.0); (399707.2,
3811504.8, 1216.3, 2167.9, 0.0);
(399688.7, 3811489.8, 1208.7, 2167.9, 0.0); (399670.2,
3811474.8, 1203.6, 2167.9, 0.0);
(399651.7, 3811459.8, 1202.3, 2167.9, 0.0); (399633.1,
3811444.8, 1201.8, 2167.9, 0.0);
(399614.6, 3811429.8, 1201.3, 2167.9, 0.0); (399596.1,
3811414.8, 1203.4, 2167.9, 0.0);
(399577.6, 3811399.9, 1207.4, 2167.9, 0.0); (400672.0,
3810576.9, 1425.8, 2167.9, 0.0);
(400686.7, 3810595.5, 1421.5, 2167.9, 0.0); (400701.4,
3810614.0, 1412.0, 2167.9, 0.0);
(400716.2, 3810632.6, 1400.9, 2167.9, 0.0); (400730.9,
3810651.2, 1388.5, 2167.9, 0.0);
(400745.6, 3810669.7, 1376.6, 2167.9, 0.0); (400760.4,
3810688.3, 1365.2, 2167.9, 0.0);
(400775.1, 3810706.8, 1354.6, 2167.9, 0.0); (400789.9,
3810725.4, 1346.4, 2167.9, 0.0);
(400804.6, 3810744.0, 1341.4, 2167.9, 0.0); (400819.3,
3810762.5, 1341.7, 2167.9, 0.0);
(400834.1, 3810781.1, 1345.8, 2167.9, 0.0); (400848.8,
3810799.6, 1347.3, 2167.9, 0.0);
(400863.5, 3810818.2, 1347.4, 2167.9, 0.0); (400878.3,
3810836.8, 1346.0, 2167.9, 0.0);
(400893.0, 3810855.3, 1345.9, 2167.9, 0.0); (400907.8,
3810873.9, 1349.4, 2167.9, 0.0);
(400922.5, 3810892.4, 1352.9, 2167.9, 0.0); (400937.2,
3810911.0, 1350.9, 2167.9, 0.0);
(400952.0, 3810929.6, 1347.0, 2167.9, 0.0); (400966.7,
3810948.1, 1348.9, 2167.9, 0.0);
(400981.5, 3810966.7, 1351.1, 2167.9, 0.0); (400996.2,
3810985.2, 1348.6, 2167.9, 0.0);
(401010.9, 3811003.8, 1343.7, 2167.9, 0.0); (401025.7,
3811022.4, 1339.0, 2167.9, 0.0);
(401040.4, 3811040.9, 1337.5, 2167.9, 0.0); (401055.1,
3811059.5, 1334.3, 2167.9, 0.0);
(401069.9, 3811078.0, 1328.6, 2167.9, 0.0); (401084.6,
3811096.6, 1320.0, 2167.9, 0.0);
(401099.4, 3811115.2, 1310.9, 2167.9, 0.0); (401114.1,
3811133.7, 1303.9, 2167.9, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 182

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
| ( 401128.8, 3811152.3, 1298.6, 2167.9, 0.0); | ( 401143.6, 3811170.8, 1295.5, 2167.9, 0.0); |
| ( 401158.3, 3811189.4, 1295.0, 2167.9, 0.0); | ( 401173.1, 3811208.0, 1297.8, 2167.9, 0.0); |
| ( 401187.8, 3811226.5, 1298.2, 2167.9, 0.0); | ( 401202.5, 3811245.1, 1297.1, 2167.9, 0.0); |
| ( 401217.3, 3811263.6, 1293.9, 2167.9, 0.0); | ( 401232.0, 3811282.2, 1288.9, 2167.9, 0.0); |
| ( 401246.8, 3811300.8, 1287.0, 2167.9, 0.0); | ( 401261.5, 3811319.3, 1287.6, 2167.9, 0.0); |
| ( 401276.2, 3811337.9, 1288.5, 2167.9, 0.0); | ( 401291.0, 3811356.4, 1289.1, 2167.9, 0.0); |
| ( 401305.7, 3811375.0, 1292.1, 2167.9, 0.0); | ( 401320.4, 3811393.5, 1295.9, 2167.9, 0.0); |
| ( 401335.2, 3811412.1, 1300.8, 2167.9, 0.0); | ( 401349.9, 3811430.7, 1305.7, 2167.9, 0.0); |
| ( 401364.6, 3811449.2, 1310.4, 2167.9, 0.0); | ( 401379.4, 3811467.8, 1316.2, 2167.9, 0.0); |
| ( 401394.1, 3811486.3, 1320.4, 2167.9, 0.0); | ( 401408.9, 3811504.9, 1323.3, 2167.9, 0.0); |
| ( 401423.6, 3811523.5, 1323.6, 2167.9, 0.0); | ( 401438.3, 3811542.0, 1323.9, 2167.9, 0.0); |
| ( 401453.1, 3811560.6, 1324.6, 2167.9, 0.0); | ( 401467.8, 3811579.1, 1325.9, 2167.9, 0.0); |
| ( 401482.6, 3811597.7, 1326.5, 2167.9, 0.0); | ( 401497.3, 3811616.3, 1323.1, 2167.9, 0.0); |
| ( 401512.0, 3811634.8, 1319.1, 2167.9, 0.0); | ( 401526.8, 3811653.4, 1315.4, 2167.9, 0.0); |
| ( 401541.5, 3811671.9, 1315.3, 2167.9, 0.0); | ( 401556.2, 3811690.5, 1317.4, 2167.9, 0.0); |
| ( 401571.0, 3811709.1, 1322.8, 2167.9, 0.0); | ( 401585.7, 3811727.6, 1329.2, 2167.9, 0.0); |
| ( 401600.5, 3811746.2, 1337.9, 2167.9, 0.0); | ( 401615.2, 3811764.7, 1344.3, 2167.9, 0.0); |
| ( 401629.9, 3811783.3, 1348.5, 2167.9, 0.0); | ( 401644.7, 3811801.9, 1345.4, 2167.9, 0.0); |
| ( 401659.4, 3811820.4, 1339.2, 2167.9, 0.0); | ( 401674.2, 3811839.0, 1331.7, 2167.9, 0.0); |
| ( 401688.9, 3811857.5, 1327.7, 2167.9, 0.0); | ( 401703.6, 3811876.1, 1328.0, 2167.9, 0.0); |
| ( 401718.4, 3811894.7, 1333.3, 2167.9, 0.0); | ( 401733.1, 3811912.0, 1334.0, 2167.9, 0.0); |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811913.2,  | 1338.1,    | 2167.9, | 0.0);   |       |             |
| ( 401747.8, | 3811931.8, | 1344.1, | 2167.9, | 0.0); | ( 401762.6, |
| 3811950.3,  | 1350.2,    | 2167.9, | 0.0);   |       |             |
| ( 401777.3, | 3811968.9, | 1357.0, | 2167.9, | 0.0); | ( 401792.1, |
| 3811987.5,  | 1366.1,    | 2167.9, | 0.0);   |       |             |
| ( 401806.8, | 3812006.0, | 1374.9, | 2167.9, | 0.0); | ( 401821.5, |
| 3812024.6,  | 1383.9,    | 2167.9, | 0.0);   |       |             |
| ( 401836.3, | 3812043.1, | 1388.4, | 2167.9, | 0.0); | ( 401851.0, |
| 3812061.7,  | 1386.5,    | 2167.9, | 0.0);   |       |             |
| ( 401865.8, | 3812080.3, | 1375.3, | 2167.9, | 0.0); | ( 401880.5, |
| 3812098.8,  | 1368.2,    | 2167.9, | 0.0);   |       |             |
| ( 401895.2, | 3812117.4, | 1367.5, | 2167.9, | 0.0); | ( 401910.0, |
| 3812135.9,  | 1366.6,    | 2167.9, | 0.0);   |       |             |
| ( 401924.7, | 3812154.5, | 1366.1, | 2167.9, | 0.0); | ( 401939.4, |
| 3812173.1,  | 1373.8,    | 2167.9, | 0.0);   |       |             |
| ( 401954.2, | 3812191.6, | 1384.1, | 2167.9, | 0.0); | ( 401968.9, |
| 3812210.2,  | 1393.4,    | 2084.1, | 0.0);   |       |             |
| ( 401983.7, | 3812228.7, | 1394.2, | 1792.9, | 0.0); | ( 401998.4, |
| 3812247.3,  | 1390.5,    | 2084.1, | 0.0);   |       |             |
| ( 402013.1, | 3812265.8, | 1382.7, | 2167.9, | 0.0); | ( 402027.9, |
| 3812284.4,  | 1375.2,    | 2167.9, | 0.0);   |       |             |
| ( 402042.6, | 3812303.0, | 1370.7, | 2167.9, | 0.0); | ( 402057.3, |
| 3812321.5,  | 1373.1,    | 2167.9, | 0.0);   |       |             |
| ( 402072.1, | 3812340.1, | 1383.1, | 2084.1, | 0.0); | ( 402086.8, |
| 3812358.6,  | 1390.6,    | 1792.9, | 0.0);   |       |             |
| ( 402101.6, | 3812377.2, | 1390.9, | 1792.9, | 0.0); | ( 402116.3, |
| 3812395.8,  | 1383.9,    | 1792.9, | 0.0);   |       |             |
| ( 402131.0, | 3812414.3, | 1371.7, | 2167.9, | 0.0); | ( 402145.8, |
| 3812432.9,  | 1361.4,    | 2167.9, | 0.0);   |       |             |
| ( 402160.5, | 3812451.4, | 1354.8, | 2167.9, | 0.0); | ( 402175.2, |
| 3812470.0,  | 1353.2,    | 2167.9, | 0.0);   |       |             |
| ( 402190.0, | 3812488.6, | 1355.7, | 2167.9, | 0.0); | ( 402204.7, |
| 3812507.1,  | 1362.8,    | 2167.9, | 0.0);   |       |             |
| ( 402219.5, | 3812525.7, | 1369.0, | 2166.5, | 0.0); | ( 402234.2, |
| 3812544.2,  | 1373.0,    | 1792.9, | 0.0);   |       |             |
| ( 402249.0, | 3812562.8, | 1371.1, | 1792.9, | 0.0); | ( 402263.7, |
| 3812581.4,  | 1370.1,    | 1792.9, | 0.0);   |       |             |
| ( 402278.4, | 3812599.9, | 1375.1, | 1792.9, | 0.0); | ( 402293.2, |
| 3812618.5,  | 1376.6,    | 1792.9, | 0.0);   |       |             |
| ( 402307.9, | 3812637.0, | 1375.4, | 1792.9, | 0.0); | ( 402322.6, |
| 3812655.6,  | 1367.8,    | 1792.9, | 0.0);   |       |             |
| ( 402337.4, | 3812674.2, | 1357.4, | 2166.8, | 0.0); | ( 402352.1, |
| 3812692.7,  | 1351.1,    | 2167.9, | 0.0);   |       |             |
| ( 402366.8, | 3812711.3, | 1348.5, | 2167.9, | 0.0); | ( 402381.6, |
| 3812729.8,  | 1351.2,    | 2167.9, | 0.0);   |       |             |
| ( 402396.3, | 3812748.4, | 1351.6, | 2166.8, | 0.0); | ( 402411.1, |
| 3812767.0,  | 1350.8,    | 2166.8, | 0.0);   |       |             |
| ( 402425.8, | 3812785.5, | 1354.4, | 1792.9, | 0.0); | ( 402440.5, |
| 3812804.1,  | 1353.7,    | 1792.9, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 183

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 402455.3, 3812822.6, 1348.8, 2163.1, 0.0); | ( 402470.0, |
| 3812841.2, 1341.5, 2167.9, 0.0);             |             |
| ( 402484.8, 3812859.8, 1337.3, 2167.9, 0.0); | ( 402499.5, |
| 3812878.3, 1328.8, 2167.9, 0.0);             |             |
| ( 402514.2, 3812896.9, 1320.1, 2167.9, 0.0); | ( 402529.0, |
| 3812915.4, 1308.3, 2167.9, 0.0);             |             |
| ( 402543.7, 3812934.0, 1300.3, 2167.9, 0.0); | ( 402558.5, |
| 3812952.6, 1297.8, 2167.9, 0.0);             |             |
| ( 402573.2, 3812971.1, 1300.8, 2167.9, 0.0); | ( 402587.9, |
| 3812989.7, 1307.7, 2167.9, 0.0);             |             |
| ( 402602.7, 3813008.2, 1319.7, 2167.9, 0.0); | ( 402617.4, |
| 3813026.8, 1334.0, 2163.1, 0.0);             |             |
| ( 402632.1, 3813045.4, 1347.1, 1606.9, 0.0); | ( 402646.9, |
| 3813063.9, 1358.8, 1606.9, 0.0);             |             |
| ( 402661.6, 3813082.5, 1367.2, 1606.9, 0.0); | ( 402676.3, |
| 3813101.0, 1374.8, 1606.9, 0.0);             |             |
| ( 402691.1, 3813119.6, 1379.8, 1606.9, 0.0); | ( 402705.8, |
| 3813138.2, 1383.8, 1606.9, 0.0);             |             |
| ( 402720.6, 3813156.7, 1385.5, 1606.9, 0.0); | ( 402735.3, |
| 3813175.3, 1384.0, 1606.9, 0.0);             |             |
| ( 402750.0, 3813193.8, 1381.0, 1606.9, 0.0); | ( 402764.8, |
| 3813212.4, 1378.5, 1606.9, 0.0);             |             |
| ( 400657.2, 3810558.4, 1425.4, 2167.9, 0.0); | ( 400638.7, |
| 3810543.4, 1419.4, 2167.9, 0.0);             |             |
| ( 400620.2, 3810528.4, 1409.5, 2167.9, 0.0); | ( 400601.7, |
| 3810513.4, 1396.1, 2167.9, 0.0);             |             |
| ( 400583.2, 3810498.4, 1379.6, 2167.9, 0.0); | ( 400564.7, |
| 3810483.4, 1366.2, 2167.9, 0.0);             |             |
| ( 400546.1, 3810468.4, 1359.6, 2167.9, 0.0); | ( 400527.6, |
| 3810453.5, 1362.2, 2167.9, 0.0);             |             |
| ( 400509.1, 3810438.5, 1364.4, 2167.9, 0.0); | ( 400490.6, |
| 3810423.5, 1364.3, 2167.9, 0.0);             |             |
| ( 400472.1, 3810408.5, 1363.5, 2167.9, 0.0); | ( 400453.6, |
| 3810393.5, 1360.1, 2167.9, 0.0);             |             |
| ( 400435.1, 3810378.5, 1350.0, 2167.9, 0.0); | ( 400416.6, |
| 3810363.5, 1337.7, 2167.9, 0.0);             |             |
| ( 401511.0, 3809540.7, 1662.7, 1708.3, 0.0); | ( 401525.7, |
| 3809559.3, 1656.2, 1708.3, 0.0);             |             |
| ( 401540.5, 3809577.9, 1646.9, 1708.3, 0.0); | ( 401555.3, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809596.5,  | 1636.3,    | 1708.3, | 0.0);   |       |             |
| ( 401570.1, | 3809615.1, | 1626.7, | 2084.1, | 0.0); | ( 401584.8, |
| 3809633.7,  | 1620.8,    | 2084.1, | 0.0);   |       |             |
| ( 401599.6, | 3809652.3, | 1614.5, | 2084.1, | 0.0); | ( 401614.4, |
| 3809670.9,  | 1605.5,    | 2084.1, | 0.0);   |       |             |
| ( 401629.2, | 3809689.5, | 1597.6, | 2084.1, | 0.0); | ( 401644.0, |
| 3809708.2,  | 1591.9,    | 2167.9, | 0.0);   |       |             |
| ( 401658.7, | 3809726.8, | 1582.5, | 2167.9, | 0.0); | ( 401673.5, |
| 3809745.4,  | 1569.2,    | 2167.9, | 0.0);   |       |             |
| ( 401688.3, | 3809764.0, | 1554.0, | 2167.9, | 0.0); | ( 401703.1, |
| 3809782.6,  | 1537.8,    | 2167.9, | 0.0);   |       |             |
| ( 401717.8, | 3809801.2, | 1522.1, | 2167.9, | 0.0); | ( 401732.6, |
| 3809819.8,  | 1506.0,    | 2167.9, | 0.0);   |       |             |
| ( 401747.4, | 3809838.4, | 1495.9, | 2167.9, | 0.0); | ( 401762.2, |
| 3809857.0,  | 1494.7,    | 2167.9, | 0.0);   |       |             |
| ( 401777.0, | 3809875.6, | 1493.0, | 2167.9, | 0.0); | ( 401791.7, |
| 3809894.3,  | 1490.0,    | 2167.9, | 0.0);   |       |             |
| ( 401806.5, | 3809912.9, | 1488.4, | 2167.9, | 0.0); | ( 401821.3, |
| 3809931.5,  | 1490.0,    | 2167.9, | 0.0);   |       |             |
| ( 401836.1, | 3809950.1, | 1493.5, | 2167.9, | 0.0); | ( 401850.8, |
| 3809968.7,  | 1500.6,    | 2167.9, | 0.0);   |       |             |
| ( 401865.6, | 3809987.3, | 1502.7, | 2167.9, | 0.0); | ( 401880.4, |
| 3810005.9,  | 1502.7,    | 2167.9, | 0.0);   |       |             |
| ( 401895.2, | 3810024.5, | 1502.3, | 2167.9, | 0.0); | ( 401910.0, |
| 3810043.1,  | 1509.4,    | 2167.9, | 0.0);   |       |             |
| ( 401924.8, | 3810061.8, | 1519.7, | 2167.9, | 0.0); | ( 401939.5, |
| 3810080.4,  | 1525.3,    | 2167.9, | 0.0);   |       |             |
| ( 401954.3, | 3810099.0, | 1523.5, | 2167.9, | 0.0); | ( 401969.1, |
| 3810117.6,  | 1520.1,    | 2167.9, | 0.0);   |       |             |
| ( 401983.9, | 3810136.2, | 1521.1, | 2167.9, | 0.0); | ( 401998.6, |
| 3810154.8,  | 1523.8,    | 2167.9, | 0.0);   |       |             |
| ( 402013.4, | 3810173.4, | 1527.9, | 2167.9, | 0.0); | ( 402028.2, |
| 3810192.0,  | 1532.9,    | 2167.9, | 0.0);   |       |             |
| ( 402043.0, | 3810210.6, | 1532.2, | 2167.9, | 0.0); | ( 402057.8, |
| 3810229.2,  | 1529.1,    | 2167.9, | 0.0);   |       |             |
| ( 402072.5, | 3810247.9, | 1520.7, | 2167.9, | 0.0); | ( 402087.3, |
| 3810266.5,  | 1512.8,    | 2167.9, | 0.0);   |       |             |
| ( 402102.1, | 3810285.1, | 1505.9, | 2167.9, | 0.0); | ( 402116.9, |
| 3810303.7,  | 1500.0,    | 2167.9, | 0.0);   |       |             |
| ( 402131.6, | 3810322.3, | 1491.8, | 2167.9, | 0.0); | ( 402146.4, |
| 3810340.9,  | 1483.8,    | 2167.9, | 0.0);   |       |             |
| ( 402161.2, | 3810359.5, | 1472.9, | 2167.9, | 0.0); | ( 402176.0, |
| 3810378.1,  | 1460.8,    | 2167.9, | 0.0);   |       |             |
| ( 402190.8, | 3810396.7, | 1447.9, | 2167.9, | 0.0); | ( 402205.5, |
| 3810415.3,  | 1436.1,    | 2167.9, | 0.0);   |       |             |
| ( 402220.3, | 3810434.0, | 1423.4, | 2167.9, | 0.0); | ( 402235.1, |
| 3810452.6,  | 1411.7,    | 2167.9, | 0.0);   |       |             |
| ( 402249.9, | 3810471.2, | 1398.2, | 2167.9, | 0.0); | ( 402264.6, |
| 3810489.8,  | 1386.0,    | 2167.9, | 0.0);   |       |             |
| ( 402279.4, | 3810508.4, | 1374.4, | 2167.9, | 0.0); | ( 402294.2, |

3810527.0, 1364.7, 2167.9, 0.0);  
 ^ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 184

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 402309.0, 3810545.6, 1356.1, 2167.9, 0.0); | ( 402323.8, |
| 3810564.2, 1350.3, 2167.9, 0.0);             |             |
| ( 402338.5, 3810582.8, 1343.5, 2167.9, 0.0); | ( 402353.3, |
| 3810601.5, 1340.0, 2167.9, 0.0);             |             |
| ( 402368.1, 3810620.1, 1334.0, 2167.9, 0.0); | ( 402382.9, |
| 3810638.7, 1327.5, 2167.9, 0.0);             |             |
| ( 402397.7, 3810657.3, 1324.5, 2167.9, 0.0); | ( 402412.4, |
| 3810675.9, 1319.7, 2167.9, 0.0);             |             |
| ( 402427.2, 3810694.5, 1316.7, 2167.9, 0.0); | ( 402442.0, |
| 3810713.1, 1312.7, 2167.9, 0.0);             |             |
| ( 402456.8, 3810731.7, 1309.9, 2167.9, 0.0); | ( 402471.5, |
| 3810750.3, 1304.8, 2167.9, 0.0);             |             |
| ( 402486.3, 3810768.9, 1302.4, 2167.9, 0.0); | ( 402501.1, |
| 3810787.6, 1302.0, 2167.9, 0.0);             |             |
| ( 402515.9, 3810806.2, 1308.5, 2167.9, 0.0); | ( 402530.7, |
| 3810824.8, 1318.3, 2167.9, 0.0);             |             |
| ( 402545.4, 3810843.4, 1324.8, 2167.9, 0.0); | ( 402560.2, |
| 3810862.0, 1327.5, 2167.9, 0.0);             |             |
| ( 402575.0, 3810880.6, 1331.6, 2167.9, 0.0); | ( 402589.8, |
| 3810899.2, 1330.9, 2167.9, 0.0);             |             |
| ( 402604.5, 3810917.8, 1326.7, 2167.9, 0.0); | ( 402619.3, |
| 3810936.4, 1317.0, 2167.9, 0.0);             |             |
| ( 402634.1, 3810955.0, 1311.2, 2167.9, 0.0); | ( 402648.9, |
| 3810973.7, 1305.9, 2167.9, 0.0);             |             |
| ( 402663.7, 3810992.3, 1305.8, 2167.9, 0.0); | ( 402678.5, |
| 3811010.9, 1307.1, 2167.9, 0.0);             |             |
| ( 402693.2, 3811029.5, 1313.7, 2167.9, 0.0); | ( 402708.0, |
| 3811048.1, 1314.1, 2167.9, 0.0);             |             |
| ( 402722.8, 3811066.7, 1307.2, 2167.9, 0.0); | ( 402737.6, |
| 3811085.3, 1297.6, 2167.9, 0.0);             |             |
| ( 402752.3, 3811103.9, 1288.1, 2167.9, 0.0); | ( 402767.1, |
| 3811122.5, 1281.7, 2167.9, 0.0);             |             |
| ( 402781.9, 3811141.1, 1277.0, 2167.9, 0.0); | ( 402796.7, |
| 3811159.8, 1279.0, 2167.9, 0.0);             |             |
| ( 402811.5, 3811178.4, 1277.3, 2167.9, 0.0); | ( 402826.2, |
| 3811197.0, 1272.5, 2167.9, 0.0);             |             |
| ( 402841.0, 3811215.6, 1263.8, 2167.9, 0.0); | ( 402855.8, |



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811234.2,  | 1255.5,    | 2167.9, | 0.0);   |       |             |
| ( 402870.6, | 3811252.8, | 1249.8, | 2167.9, | 0.0); | ( 402885.3, |
| 3811271.4,  | 1242.1,    | 2167.9, | 0.0);   |       |             |
| ( 402900.1, | 3811290.0, | 1235.1, | 2167.9, | 0.0); | ( 402914.9, |
| 3811308.6,  | 1229.6,    | 2167.9, | 0.0);   |       |             |
| ( 402929.7, | 3811327.3, | 1229.4, | 2167.9, | 0.0); | ( 402944.5, |
| 3811345.9,  | 1229.1,    | 2167.9, | 0.0);   |       |             |
| ( 402959.2, | 3811364.5, | 1228.0, | 2167.9, | 0.0); | ( 402974.0, |
| 3811383.1,  | 1227.9,    | 2167.9, | 0.0);   |       |             |
| ( 402988.8, | 3811401.7, | 1228.8, | 2167.9, | 0.0); | ( 403003.6, |
| 3811420.3,  | 1232.5,    | 2167.9, | 0.0);   |       |             |
| ( 403018.3, | 3811438.9, | 1232.6, | 2167.9, | 0.0); | ( 403033.1, |
| 3811457.5,  | 1227.3,    | 2167.9, | 0.0);   |       |             |
| ( 403047.9, | 3811476.1, | 1224.2, | 2167.9, | 0.0); | ( 403062.7, |
| 3811494.8,  | 1223.7,    | 2167.9, | 0.0);   |       |             |
| ( 403077.5, | 3811513.4, | 1219.8, | 2167.9, | 0.0); | ( 403092.2, |
| 3811532.0,  | 1212.5,    | 2167.9, | 0.0);   |       |             |
| ( 403107.0, | 3811550.6, | 1203.2, | 2167.9, | 0.0); | ( 403121.8, |
| 3811569.2,  | 1198.5,    | 2167.9, | 0.0);   |       |             |
| ( 403136.6, | 3811587.8, | 1197.1, | 2167.9, | 0.0); | ( 403151.4, |
| 3811606.4,  | 1196.4,    | 2167.9, | 0.0);   |       |             |
| ( 403166.1, | 3811625.0, | 1195.6, | 2167.9, | 0.0); | ( 403180.9, |
| 3811643.6,  | 1194.8,    | 2167.9, | 0.0);   |       |             |
| ( 403195.7, | 3811662.2, | 1194.9, | 2167.9, | 0.0); | ( 403210.5, |
| 3811680.8,  | 1194.2,    | 2167.9, | 0.0);   |       |             |
| ( 403225.2, | 3811699.5, | 1194.6, | 2167.9, | 0.0); | ( 403240.0, |
| 3811718.1,  | 1193.5,    | 2167.9, | 0.0);   |       |             |
| ( 403254.8, | 3811736.7, | 1191.9, | 2167.9, | 0.0); | ( 403269.6, |
| 3811755.3,  | 1191.2,    | 2167.9, | 0.0);   |       |             |
| ( 403284.4, | 3811773.9, | 1189.9, | 2167.9, | 0.0); | ( 403299.1, |
| 3811792.5,  | 1187.2,    | 2167.9, | 0.0);   |       |             |
| ( 403313.9, | 3811811.1, | 1186.6, | 2167.9, | 0.0); | ( 403328.7, |
| 3811829.7,  | 1187.1,    | 2167.9, | 0.0);   |       |             |
| ( 403343.5, | 3811848.3, | 1187.9, | 2167.9, | 0.0); | ( 403358.2, |
| 3811867.0,  | 1187.9,    | 2167.9, | 0.0);   |       |             |
| ( 403373.0, | 3811885.6, | 1189.8, | 2167.9, | 0.0); | ( 403387.8, |
| 3811904.2,  | 1190.4,    | 2167.9, | 0.0);   |       |             |
| ( 403402.6, | 3811922.8, | 1186.5, | 2167.9, | 0.0); | ( 403417.4, |
| 3811941.4,  | 1183.1,    | 2167.9, | 0.0);   |       |             |
| ( 403432.1, | 3811960.0, | 1178.4, | 2167.9, | 0.0); | ( 403446.9, |
| 3811978.6,  | 1177.4,    | 2167.9, | 0.0);   |       |             |
| ( 403461.7, | 3811997.2, | 1182.4, | 2167.9, | 0.0); | ( 403476.5, |
| 3812015.8,  | 1188.3,    | 2167.9, | 0.0);   |       |             |
| ( 403491.3, | 3812034.4, | 1183.4, | 2167.9, | 0.0); | ( 403506.0, |
| 3812053.1,  | 1178.4,    | 2167.9, | 0.0);   |       |             |
| ( 403520.8, | 3812071.7, | 1173.6, | 2167.9, | 0.0); | ( 403535.6, |
| 3812090.3,  | 1176.3,    | 2167.9, | 0.0);   |       |             |
| ( 403550.4, | 3812108.9, | 1182.0, | 2167.9, | 0.0); | ( 403565.1, |
| 3812127.5,  | 1184.6,    | 2167.9, | 0.0);   |       |             |
| ( 403579.9, | 3812146.1, | 1183.5, | 2167.9, | 0.0); | ( 403594.7, |

3812164.7, 1177.5, 2167.9, 0.0);  
 ( 403609.5, 3812183.3, 1170.1, 2167.9, 0.0); ( 403624.3,  
 3812201.9, 1162.6, 2167.9, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 185

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 403639.0, 3812220.5, 1160.4, 2167.9, 0.0); ( 403653.8,  
 3812239.2, 1160.7, 2167.9, 0.0);  
 ( 403668.6, 3812257.8, 1161.9, 2167.9, 0.0); ( 403683.4,  
 3812276.4, 1163.9, 2167.9, 0.0);  
 ( 403698.2, 3812295.0, 1166.6, 2167.9, 0.0); ( 403712.9,  
 3812313.6, 1171.2, 2167.9, 0.0);  
 ( 403727.7, 3812332.2, 1170.9, 2167.9, 0.0); ( 403742.5,  
 3812350.8, 1167.6, 2167.9, 0.0);  
 ( 403757.3, 3812369.4, 1158.4, 2167.9, 0.0); ( 403772.0,  
 3812388.0, 1152.1, 2167.9, 0.0);  
 ( 403786.8, 3812406.7, 1148.5, 2167.9, 0.0); ( 403801.6,  
 3812425.3, 1149.4, 2167.9, 0.0);  
 ( 403816.4, 3812443.9, 1148.6, 2167.9, 0.0); ( 403831.2,  
 3812462.5, 1147.2, 2167.9, 0.0);  
 ( 403845.9, 3812481.1, 1145.6, 2167.9, 0.0); ( 403860.7,  
 3812499.7, 1143.8, 2167.9, 0.0);  
 ( 403875.5, 3812518.3, 1144.0, 2167.9, 0.0); ( 403890.3,  
 3812536.9, 1144.2, 2167.9, 0.0);  
 ( 403905.1, 3812555.5, 1144.5, 2167.9, 0.0); ( 403919.8,  
 3812574.1, 1142.8, 2167.9, 0.0);  
 ( 403934.6, 3812592.8, 1139.2, 2167.9, 0.0); ( 403949.4,  
 3812611.4, 1140.9, 2167.9, 0.0);  
 ( 403964.2, 3812630.0, 1142.8, 2167.9, 0.0); ( 401496.2,  
 3809522.1, 1669.8, 1708.3, 0.0);  
 ( 401477.7, 3809507.1, 1676.0, 1708.3, 0.0); ( 401459.1,  
 3809492.1, 1682.6, 1708.3, 0.0);  
 ( 401440.6, 3809477.1, 1685.6, 1708.3, 0.0); ( 401422.1,  
 3809462.1, 1685.5, 1708.3, 0.0);  
 ( 401403.6, 3809447.1, 1687.0, 1708.3, 0.0); ( 401385.1,  
 3809432.1, 1690.1, 1708.3, 0.0);  
 ( 401366.6, 3809417.2, 1691.6, 1708.3, 0.0); ( 401348.1,  
 3809402.2, 1685.7, 1708.3, 0.0);  
 ( 401329.6, 3809387.2, 1680.3, 1708.3, 0.0); ( 401311.1,  
 3809372.2, 1675.3, 1708.3, 0.0);  
 ( 401292.5, 3809357.2, 1669.3, 1708.3, 0.0); ( 401274.0,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809342.2,  | 1660.5,    | 1708.3, | 0.0);   |       |             |
| ( 401255.5, | 3809327.2, | 1654.0, | 1708.3, | 0.0); | ( 402349.9, |
| 3808504.4,  | 1643.2,    | 2167.9, | 0.0);   |       |             |
| ( 402364.7, | 3808523.0, | 1645.4, | 2167.9, | 0.0); | ( 402379.5, |
| 3808541.7,  | 1644.7,    | 2167.9, | 0.0);   |       |             |
| ( 402394.4, | 3808560.3, | 1650.5, | 2167.9, | 0.0); | ( 402409.2, |
| 3808579.0,  | 1658.4,    | 2167.9, | 0.0);   |       |             |
| ( 402424.0, | 3808597.6, | 1662.3, | 2167.9, | 0.0); | ( 402438.8, |
| 3808616.3,  | 1660.8,    | 2167.9, | 0.0);   |       |             |
| ( 402453.6, | 3808634.9, | 1660.6, | 2167.9, | 0.0); | ( 402468.4, |
| 3808653.6,  | 1669.5,    | 2167.9, | 0.0);   |       |             |
| ( 402483.2, | 3808672.2, | 1677.3, | 2167.9, | 0.0); | ( 402498.0, |
| 3808690.9,  | 1679.6,    | 2167.9, | 0.0);   |       |             |
| ( 402512.8, | 3808709.5, | 1680.5, | 2167.9, | 0.0); | ( 402527.6, |
| 3808728.2,  | 1680.3,    | 2167.9, | 0.0);   |       |             |
| ( 402542.4, | 3808746.8, | 1680.6, | 2167.9, | 0.0); | ( 402557.2, |
| 3808765.5,  | 1684.8,    | 2167.9, | 0.0);   |       |             |
| ( 402572.1, | 3808784.1, | 1693.2, | 2167.9, | 0.0); | ( 402586.9, |
| 3808802.8,  | 1695.3,    | 2167.9, | 0.0);   |       |             |
| ( 402601.7, | 3808821.4, | 1691.0, | 2167.9, | 0.0); | ( 402616.5, |
| 3808840.1,  | 1686.9,    | 2167.9, | 0.0);   |       |             |
| ( 402631.3, | 3808858.7, | 1685.0, | 2167.9, | 0.0); | ( 402646.1, |
| 3808877.4,  | 1682.8,    | 2167.9, | 0.0);   |       |             |
| ( 402660.9, | 3808896.0, | 1678.0, | 2167.9, | 0.0); | ( 402675.7, |
| 3808914.7,  | 1671.3,    | 2167.9, | 0.0);   |       |             |
| ( 402690.5, | 3808933.3, | 1661.6, | 2167.9, | 0.0); | ( 402705.3, |
| 3808952.0,  | 1651.7,    | 2167.9, | 0.0);   |       |             |
| ( 402720.1, | 3808970.6, | 1645.3, | 2167.9, | 0.0); | ( 402735.0, |
| 3808989.2,  | 1641.1,    | 2167.9, | 0.0);   |       |             |
| ( 402749.8, | 3809007.9, | 1636.4, | 2167.9, | 0.0); | ( 402764.6, |
| 3809026.5,  | 1627.2,    | 2167.9, | 0.0);   |       |             |
| ( 402779.4, | 3809045.2, | 1615.2, | 2167.9, | 0.0); | ( 402794.2, |
| 3809063.8,  | 1602.4,    | 2167.9, | 0.0);   |       |             |
| ( 402809.0, | 3809082.5, | 1588.6, | 2167.9, | 0.0); | ( 402823.8, |
| 3809101.1,  | 1577.1,    | 2167.9, | 0.0);   |       |             |
| ( 402838.6, | 3809119.8, | 1575.6, | 2167.9, | 0.0); | ( 402853.4, |
| 3809138.4,  | 1585.4,    | 2167.9, | 0.0);   |       |             |
| ( 402868.2, | 3809157.1, | 1594.6, | 2167.9, | 0.0); | ( 402883.0, |
| 3809175.7,  | 1599.1,    | 2167.9, | 0.0);   |       |             |
| ( 402897.8, | 3809194.4, | 1600.5, | 2167.9, | 0.0); | ( 402912.7, |
| 3809213.0,  | 1598.8,    | 2167.9, | 0.0);   |       |             |
| ( 402927.5, | 3809231.7, | 1587.4, | 2167.9, | 0.0); | ( 402942.3, |
| 3809250.3,  | 1573.7,    | 2167.9, | 0.0);   |       |             |
| ( 402957.1, | 3809269.0, | 1559.5, | 2167.9, | 0.0); | ( 402971.9, |
| 3809287.6,  | 1549.1,    | 2167.9, | 0.0);   |       |             |
| ( 402986.7, | 3809306.3, | 1543.8, | 2167.9, | 0.0); | ( 403001.5, |
| 3809324.9,  | 1545.9,    | 2167.9, | 0.0);   |       |             |
| ( 403016.3, | 3809343.6, | 1550.4, | 2167.9, | 0.0); | ( 403031.1, |
| 3809362.2,  | 1559.4,    | 2167.9, | 0.0);   |       |             |
| ( 403045.9, | 3809380.9, | 1567.2, | 2167.9, | 0.0); | ( 403060.8, |

3809399.5, 1571.7, 2167.9, 0.0);  
 ( 403075.5, 3809418.2, 1564.9, 2167.9, 0.0); ( 403090.4,  
 3809436.8, 1554.3, 2167.9, 0.0);  
 ( 403105.2, 3809455.5, 1540.9, 2167.9, 0.0); ( 403120.0,  
 3809474.1, 1526.9, 2167.9, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 186

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 403134.8, 3809492.8, 1511.6, 2167.9, 0.0); ( 403149.6,  
 3809511.4, 1495.8, 2167.9, 0.0);  
 ( 403164.4, 3809530.0, 1480.2, 2167.9, 0.0); ( 403179.2,  
 3809548.7, 1464.0, 2167.9, 0.0);  
 ( 403194.0, 3809567.3, 1451.9, 2167.9, 0.0); ( 403208.8,  
 3809586.0, 1438.6, 2167.9, 0.0);  
 ( 403223.6, 3809604.6, 1431.3, 2167.9, 0.0); ( 403238.5,  
 3809623.3, 1421.8, 2167.9, 0.0);  
 ( 403253.3, 3809641.9, 1413.3, 2167.9, 0.0); ( 403268.1,  
 3809660.6, 1403.4, 2167.9, 0.0);  
 ( 403282.9, 3809679.2, 1394.6, 2167.9, 0.0); ( 403297.7,  
 3809697.9, 1383.6, 2167.9, 0.0);  
 ( 403312.5, 3809716.5, 1374.3, 2167.9, 0.0); ( 403327.3,  
 3809735.2, 1364.6, 2167.9, 0.0);  
 ( 403342.1, 3809753.8, 1360.2, 2167.9, 0.0); ( 403356.9,  
 3809772.5, 1356.0, 2167.9, 0.0);  
 ( 403371.7, 3809791.1, 1349.6, 2167.9, 0.0); ( 403386.5,  
 3809809.8, 1345.5, 2167.9, 0.0);  
 ( 403401.3, 3809828.4, 1346.5, 2167.9, 0.0); ( 403416.1,  
 3809847.1, 1348.3, 2167.9, 0.0);  
 ( 403431.0, 3809865.7, 1349.2, 2167.9, 0.0); ( 403445.8,  
 3809884.4, 1348.8, 2167.9, 0.0);  
 ( 403460.6, 3809903.0, 1345.7, 2167.9, 0.0); ( 403475.4,  
 3809921.7, 1339.7, 2167.9, 0.0);  
 ( 403490.2, 3809940.3, 1331.1, 2167.9, 0.0); ( 403505.0,  
 3809959.0, 1321.2, 2167.9, 0.0);  
 ( 403519.8, 3809977.6, 1309.1, 2167.9, 0.0); ( 403534.6,  
 3809996.3, 1297.2, 2167.9, 0.0);  
 ( 403549.4, 3810014.9, 1288.1, 2167.9, 0.0); ( 403564.2,  
 3810033.6, 1285.0, 2167.9, 0.0);  
 ( 403579.0, 3810052.2, 1284.8, 2167.9, 0.0); ( 403593.9,  
 3810070.8, 1282.2, 2167.9, 0.0);  
 ( 403608.7, 3810089.5, 1280.8, 2167.9, 0.0); ( 403623.5,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3810108.1,  | 1278.5,    | 2167.9, | 0.0);   |       |             |
| ( 403638.3, | 3810126.8, | 1277.0, | 2167.9, | 0.0); | ( 403653.1, |
| 3810145.4,  | 1279.2,    | 2167.9, | 0.0);   |       |             |
| ( 403667.9, | 3810164.1, | 1282.6, | 2167.9, | 0.0); | ( 403682.7, |
| 3810182.7,  | 1290.1,    | 2167.9, | 0.0);   |       |             |
| ( 403697.5, | 3810201.4, | 1298.6, | 2167.9, | 0.0); | ( 403712.3, |
| 3810220.0,  | 1308.8,    | 2167.9, | 0.0);   |       |             |
| ( 403727.1, | 3810238.7, | 1319.0, | 2167.9, | 0.0); | ( 403741.9, |
| 3810257.3,  | 1328.8,    | 2167.9, | 0.0);   |       |             |
| ( 403756.8, | 3810276.0, | 1336.5, | 2167.9, | 0.0); | ( 403771.6, |
| 3810294.6,  | 1343.5,    | 2167.9, | 0.0);   |       |             |
| ( 403786.4, | 3810313.3, | 1348.3, | 2167.9, | 0.0); | ( 403801.2, |
| 3810331.9,  | 1348.6,    | 2167.9, | 0.0);   |       |             |
| ( 403816.0, | 3810350.6, | 1345.7, | 2167.9, | 0.0); | ( 403830.8, |
| 3810369.2,  | 1342.5,    | 2167.9, | 0.0);   |       |             |
| ( 403845.6, | 3810387.9, | 1341.3, | 2167.9, | 0.0); | ( 403860.4, |
| 3810406.5,  | 1342.3,    | 2167.9, | 0.0);   |       |             |
| ( 403875.2, | 3810425.2, | 1344.2, | 2167.9, | 0.0); | ( 403890.0, |
| 3810443.8,  | 1347.8,    | 2167.9, | 0.0);   |       |             |
| ( 403904.8, | 3810462.5, | 1350.3, | 2167.9, | 0.0); | ( 403919.6, |
| 3810481.1,  | 1349.7,    | 2167.9, | 0.0);   |       |             |
| ( 403934.5, | 3810499.8, | 1347.0, | 2167.9, | 0.0); | ( 403949.3, |
| 3810518.4,  | 1347.1,    | 2167.9, | 0.0);   |       |             |
| ( 403964.1, | 3810537.1, | 1351.7, | 2167.9, | 0.0); | ( 403978.9, |
| 3810555.7,  | 1355.1,    | 2167.9, | 0.0);   |       |             |
| ( 403993.7, | 3810574.4, | 1359.6, | 2167.9, | 0.0); | ( 404008.5, |
| 3810593.0,  | 1365.2,    | 2167.9, | 0.0);   |       |             |
| ( 404023.3, | 3810611.7, | 1373.3, | 2167.9, | 0.0); | ( 404038.1, |
| 3810630.3,  | 1380.1,    | 2167.9, | 0.0);   |       |             |
| ( 404052.9, | 3810648.9, | 1385.8, | 2167.9, | 0.0); | ( 404067.7, |
| 3810667.6,  | 1390.0,    | 2167.9, | 0.0);   |       |             |
| ( 404082.5, | 3810686.2, | 1396.2, | 2167.9, | 0.0); | ( 404097.3, |
| 3810704.9,  | 1407.1,    | 2167.9, | 0.0);   |       |             |
| ( 404112.2, | 3810723.5, | 1419.1, | 2167.9, | 0.0); | ( 404127.0, |
| 3810742.2,  | 1431.7,    | 2167.9, | 0.0);   |       |             |
| ( 404141.8, | 3810760.8, | 1444.3, | 2167.9, | 0.0); | ( 404156.6, |
| 3810779.5,  | 1453.2,    | 2167.9, | 0.0);   |       |             |
| ( 404171.4, | 3810798.1, | 1451.1, | 2167.9, | 0.0); | ( 404186.2, |
| 3810816.8,  | 1445.0,    | 2167.9, | 0.0);   |       |             |
| ( 404201.0, | 3810835.4, | 1437.0, | 2167.9, | 0.0); | ( 404215.8, |
| 3810854.1,  | 1431.8,    | 2167.9, | 0.0);   |       |             |
| ( 404230.6, | 3810872.7, | 1430.4, | 2167.9, | 0.0); | ( 404245.4, |
| 3810891.4,  | 1426.4,    | 2167.9, | 0.0);   |       |             |
| ( 404260.2, | 3810910.0, | 1416.4, | 2167.9, | 0.0); | ( 404275.0, |
| 3810928.7,  | 1403.3,    | 2167.9, | 0.0);   |       |             |
| ( 404289.9, | 3810947.3, | 1394.9, | 2167.9, | 0.0); | ( 404304.7, |
| 3810966.0,  | 1394.0,    | 2167.9, | 0.0);   |       |             |
| ( 404319.5, | 3810984.6, | 1397.4, | 2167.9, | 0.0); | ( 404334.3, |
| 3811003.3,  | 1400.6,    | 2167.9, | 0.0);   |       |             |
| ( 404349.1, | 3811021.9, | 1397.2, | 2167.9, | 0.0); | ( 404363.9, |

```

3811040.6, 1388.0, 2167.9, 0.0);
 (404378.7, 3811059.2, 1376.9, 2167.9, 0.0); (404393.5,
3811077.9, 1366.2, 2167.9, 0.0);
 (404408.3, 3811096.5, 1361.9, 2167.9, 0.0); (404423.1,
3811115.2, 1363.7, 2167.9, 0.0);
 (404438.0, 3811133.8, 1370.2, 2167.9, 0.0); (404452.8,
3811152.5, 1379.8, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 187

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (404467.6, 3811171.1, 1388.1, 2167.9, 0.0); (404482.4,
3811189.8, 1400.5, 2167.9, 0.0);
 (404497.2, 3811208.4, 1413.8, 2167.9, 0.0); (404512.0,
3811227.0, 1430.1, 2167.9, 0.0);
 (404526.8, 3811245.7, 1445.7, 2167.9, 0.0); (404541.6,
3811264.3, 1461.5, 2167.9, 0.0);
 (404556.4, 3811283.0, 1470.8, 2167.9, 0.0); (404571.2,
3811301.6, 1476.4, 2167.9, 0.0);
 (404586.0, 3811320.3, 1475.7, 2167.9, 0.0); (404600.8,
3811338.9, 1473.1, 2167.9, 0.0);
 (404615.6, 3811357.6, 1470.8, 2167.9, 0.0); (404630.5,
3811376.2, 1468.2, 2167.9, 0.0);
 (404645.3, 3811394.9, 1467.0, 2167.9, 0.0); (404660.1,
3811413.5, 1461.4, 2167.9, 0.0);
 (404674.9, 3811432.2, 1456.5, 2167.9, 0.0); (404689.7,
3811450.8, 1449.0, 2167.9, 0.0);
 (404704.5, 3811469.5, 1443.0, 2167.9, 0.0); (404719.3,
3811488.1, 1437.1, 2167.9, 0.0);
 (404734.1, 3811506.8, 1432.0, 2167.9, 0.0); (404748.9,
3811525.4, 1422.8, 2167.9, 0.0);
 (404763.7, 3811544.1, 1413.3, 2167.9, 0.0); (404778.5,
3811562.7, 1404.8, 2167.9, 0.0);
 (404793.3, 3811581.4, 1402.4, 2167.9, 0.0); (404808.2,
3811600.0, 1404.4, 2167.9, 0.0);
 (404823.0, 3811618.7, 1404.0, 2167.9, 0.0); (404837.8,
3811637.3, 1395.7, 2167.9, 0.0);
 (404852.6, 3811656.0, 1380.8, 2167.9, 0.0); (404867.4,
3811674.6, 1362.8, 2167.9, 0.0);
 (404882.2, 3811693.3, 1346.3, 2167.9, 0.0); (404897.0,
3811711.9, 1329.6, 2167.9, 0.0);
 (404911.8, 3811730.5, 1316.8, 2167.9, 0.0); (404926.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811749.2,  | 1307.5,    | 2167.9, | 0.0);   |       |             |
| ( 404941.4, | 3811767.8, | 1306.7, | 2167.9, | 0.0); | ( 404956.2, |
| 3811786.5,  | 1302.4,    | 2167.9, | 0.0);   |       |             |
| ( 404971.1, | 3811805.1, | 1299.1, | 2167.9, | 0.0); | ( 404985.9, |
| 3811823.8,  | 1296.0,    | 2167.9, | 0.0);   |       |             |
| ( 405000.7, | 3811842.4, | 1293.8, | 2167.9, | 0.0); | ( 405015.5, |
| 3811861.1,  | 1294.8,    | 2167.9, | 0.0);   |       |             |
| ( 405030.3, | 3811879.7, | 1294.7, | 2167.9, | 0.0); | ( 405045.1, |
| 3811898.4,  | 1297.8,    | 2167.9, | 0.0);   |       |             |
| ( 405059.9, | 3811917.0, | 1299.7, | 2167.9, | 0.0); | ( 405074.7, |
| 3811935.7,  | 1303.4,    | 2167.9, | 0.0);   |       |             |
| ( 405089.5, | 3811954.3, | 1304.9, | 2167.9, | 0.0); | ( 405104.3, |
| 3811973.0,  | 1305.4,    | 2167.9, | 0.0);   |       |             |
| ( 405119.1, | 3811991.6, | 1300.9, | 2167.9, | 0.0); | ( 405134.0, |
| 3812010.3,  | 1296.1,    | 2167.9, | 0.0);   |       |             |
| ( 405148.8, | 3812028.9, | 1288.5, | 2167.9, | 0.0); | ( 405163.6, |
| 3812047.6,  | 1279.7,    | 2167.9, | 0.0);   |       |             |
| ( 402335.1, | 3808485.8, | 1634.1, | 2167.9, | 0.0); | ( 402316.6, |
| 3808470.8,  | 1622.6,    | 2167.9, | 0.0);   |       |             |
| ( 402298.1, | 3808455.8, | 1613.7, | 2167.9, | 0.0); | ( 402279.6, |
| 3808440.8,  | 1618.3,    | 2167.9, | 0.0);   |       |             |
| ( 402261.1, | 3808425.8, | 1627.3, | 2167.9, | 0.0); | ( 402242.6, |
| 3808410.8,  | 1635.1,    | 2167.9, | 0.0);   |       |             |
| ( 402224.0, | 3808395.8, | 1639.3, | 2167.9, | 0.0); | ( 402205.5, |
| 3808380.8,  | 1645.9,    | 2167.9, | 0.0);   |       |             |
| ( 402187.0, | 3808365.9, | 1653.4, | 2167.9, | 0.0); | ( 402168.5, |
| 3808350.9,  | 1666.6,    | 2167.9, | 0.0);   |       |             |
| ( 402150.0, | 3808335.9, | 1676.7, | 2167.9, | 0.0); | ( 402131.5, |
| 3808320.9,  | 1684.3,    | 2167.9, | 0.0);   |       |             |
| ( 402113.0, | 3808305.9, | 1685.5, | 2167.9, | 0.0); | ( 402094.5, |
| 3808290.9,  | 1679.4,    | 2167.9, | 0.0);   |       |             |
| ( 403188.8, | 3807468.0, | 1598.1, | 2167.9, | 0.0); | ( 403203.6, |
| 3807486.6,  | 1594.4,    | 2167.9, | 0.0);   |       |             |
| ( 403218.4, | 3807505.2, | 1591.8, | 2167.9, | 0.0); | ( 403233.1, |
| 3807523.8,  | 1586.1,    | 2167.9, | 0.0);   |       |             |
| ( 403247.9, | 3807542.4, | 1577.8, | 2167.9, | 0.0); | ( 403262.7, |
| 3807561.0,  | 1565.1,    | 2167.9, | 0.0);   |       |             |
| ( 403277.4, | 3807579.6, | 1550.4, | 2167.9, | 0.0); | ( 403292.2, |
| 3807598.2,  | 1548.3,    | 2167.9, | 0.0);   |       |             |
| ( 403307.0, | 3807616.8, | 1550.0, | 2167.9, | 0.0); | ( 403321.7, |
| 3807635.4,  | 1545.2,    | 2167.9, | 0.0);   |       |             |
| ( 403336.5, | 3807653.9, | 1532.9, | 2167.9, | 0.0); | ( 403351.2, |
| 3807672.5,  | 1517.8,    | 2167.9, | 0.0);   |       |             |
| ( 403366.0, | 3807691.1, | 1503.8, | 2167.9, | 0.0); | ( 403380.8, |
| 3807709.7,  | 1493.6,    | 2167.9, | 0.0);   |       |             |
| ( 403395.5, | 3807728.3, | 1486.8, | 2167.9, | 0.0); | ( 403410.3, |
| 3807746.9,  | 1480.3,    | 2167.9, | 0.0);   |       |             |
| ( 403425.1, | 3807765.5, | 1475.5, | 2167.9, | 0.0); | ( 403439.8, |
| 3807784.1,  | 1476.1,    | 2167.9, | 0.0);   |       |             |
| ( 403454.6, | 3807802.7, | 1475.0, | 2167.9, | 0.0); | ( 403469.3, |

```

3807821.3, 1473.7, 2167.9, 0.0);
 (403484.1, 3807839.9, 1473.9, 2167.9, 0.0); (403498.9,
3807858.5, 1475.7, 2167.9, 0.0);
 (403513.6, 3807877.0, 1479.1, 2167.9, 0.0); (403528.4,
3807895.6, 1477.2, 2167.9, 0.0);
 (403543.2, 3807914.2, 1473.6, 2167.9, 0.0); (403557.9,
3807932.8, 1475.0, 2167.9, 0.0);
 (403572.7, 3807951.4, 1476.4, 2167.9, 0.0); (403587.5,
3807970.0, 1478.6, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 188

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (403602.2, 3807988.6, 1474.3, 2167.9, 0.0); (403617.0,
3808007.2, 1468.5, 2167.9, 0.0);
 (403631.8, 3808025.8, 1459.6, 2167.9, 0.0); (403646.5,
3808044.4, 1454.6, 2167.9, 0.0);
 (403661.3, 3808063.0, 1453.1, 2167.9, 0.0); (403676.0,
3808081.6, 1453.0, 2167.9, 0.0);
 (403690.8, 3808100.1, 1452.8, 2167.9, 0.0); (403705.6,
3808118.7, 1452.1, 2167.9, 0.0);
 (403720.3, 3808137.3, 1451.3, 2167.9, 0.0); (403735.1,
3808155.9, 1453.4, 2167.9, 0.0);
 (403749.9, 3808174.5, 1450.9, 2167.9, 0.0); (403764.6,
3808193.1, 1448.0, 2167.9, 0.0);
 (403779.4, 3808211.7, 1453.8, 2167.9, 0.0); (403794.1,
3808230.3, 1456.8, 2167.9, 0.0);
 (403808.9, 3808248.9, 1452.3, 2167.9, 0.0); (403823.7,
3808267.5, 1444.0, 2167.9, 0.0);
 (403838.4, 3808286.1, 1433.8, 2167.9, 0.0); (403853.2,
3808304.7, 1426.0, 2167.9, 0.0);
 (403868.0, 3808323.2, 1419.2, 2167.9, 0.0); (403882.7,
3808341.8, 1415.4, 2167.9, 0.0);
 (403897.5, 3808360.4, 1412.3, 2167.9, 0.0); (403912.3,
3808379.0, 1410.0, 2167.9, 0.0);
 (403927.0, 3808397.6, 1406.6, 2167.9, 0.0); (403941.8,
3808416.2, 1405.3, 2167.9, 0.0);
 (403956.5, 3808434.8, 1403.3, 2167.9, 0.0); (403971.3,
3808453.4, 1402.4, 2167.9, 0.0);
 (403986.1, 3808472.0, 1401.1, 2167.9, 0.0); (404000.8,
3808490.6, 1399.5, 2167.9, 0.0);
 (404015.6, 3808509.2, 1398.4, 2167.9, 0.0); (404030.4,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808527.8,  | 1396.4,    | 2167.9, | 0.0);   |       |             |
| ( 404045.1, | 3808546.3, | 1397.5, | 2167.9, | 0.0); | ( 404059.9, |
| 3808564.9,  | 1397.3,    | 2167.9, | 0.0);   |       |             |
| ( 404074.7, | 3808583.5, | 1396.1, | 2167.9, | 0.0); | ( 404089.4, |
| 3808602.1,  | 1393.7,    | 2167.9, | 0.0);   |       |             |
| ( 404104.2, | 3808620.7, | 1391.2, | 2167.9, | 0.0); | ( 404119.0, |
| 3808639.3,  | 1390.9,    | 2167.9, | 0.0);   |       |             |
| ( 404133.7, | 3808657.9, | 1391.8, | 2167.9, | 0.0); | ( 404148.5, |
| 3808676.5,  | 1391.3,    | 2167.9, | 0.0);   |       |             |
| ( 404163.2, | 3808695.1, | 1389.7, | 2167.9, | 0.0); | ( 404178.0, |
| 3808713.7,  | 1387.6,    | 2167.9, | 0.0);   |       |             |
| ( 404192.8, | 3808732.3, | 1384.0, | 2167.9, | 0.0); | ( 404207.5, |
| 3808750.9,  | 1380.7,    | 2167.9, | 0.0);   |       |             |
| ( 404222.3, | 3808769.5, | 1378.1, | 2167.9, | 0.0); | ( 404237.1, |
| 3808788.0,  | 1377.9,    | 2167.9, | 0.0);   |       |             |
| ( 404251.8, | 3808806.6, | 1377.5, | 2167.9, | 0.0); | ( 404266.6, |
| 3808825.2,  | 1378.5,    | 2167.9, | 0.0);   |       |             |
| ( 404281.4, | 3808843.8, | 1377.9, | 2167.9, | 0.0); | ( 404296.1, |
| 3808862.4,  | 1376.1,    | 2167.9, | 0.0);   |       |             |
| ( 404310.9, | 3808881.0, | 1374.0, | 2167.9, | 0.0); | ( 404325.6, |
| 3808899.6,  | 1369.8,    | 2167.9, | 0.0);   |       |             |
| ( 404340.4, | 3808918.2, | 1364.3, | 2167.9, | 0.0); | ( 404355.2, |
| 3808936.8,  | 1361.5,    | 2167.9, | 0.0);   |       |             |
| ( 404369.9, | 3808955.4, | 1361.0, | 2167.9, | 0.0); | ( 404384.7, |
| 3808974.0,  | 1362.9,    | 2167.9, | 0.0);   |       |             |
| ( 404399.5, | 3808992.6, | 1363.7, | 2167.9, | 0.0); | ( 404414.2, |
| 3809011.1,  | 1362.2,    | 2167.9, | 0.0);   |       |             |
| ( 404429.0, | 3809029.7, | 1359.1, | 2167.9, | 0.0); | ( 404443.8, |
| 3809048.3,  | 1355.6,    | 2167.9, | 0.0);   |       |             |
| ( 404458.5, | 3809066.9, | 1355.9, | 2167.9, | 0.0); | ( 404473.3, |
| 3809085.5,  | 1357.8,    | 2167.9, | 0.0);   |       |             |
| ( 404488.0, | 3809104.1, | 1360.1, | 2167.9, | 0.0); | ( 404502.8, |
| 3809122.7,  | 1361.2,    | 2167.9, | 0.0);   |       |             |
| ( 404517.6, | 3809141.3, | 1361.3, | 2167.9, | 0.0); | ( 404532.3, |
| 3809159.9,  | 1356.3,    | 2167.9, | 0.0);   |       |             |
| ( 404547.1, | 3809178.5, | 1350.9, | 2167.9, | 0.0); | ( 404561.9, |
| 3809197.1,  | 1350.2,    | 2167.9, | 0.0);   |       |             |
| ( 404576.6, | 3809215.7, | 1351.7, | 2167.9, | 0.0); | ( 404591.4, |
| 3809234.2,  | 1353.8,    | 2167.9, | 0.0);   |       |             |
| ( 404606.2, | 3809252.8, | 1359.0, | 2167.9, | 0.0); | ( 404620.9, |
| 3809271.4,  | 1364.6,    | 2167.9, | 0.0);   |       |             |
| ( 404635.7, | 3809290.0, | 1370.4, | 2167.9, | 0.0); | ( 404650.5, |
| 3809308.6,  | 1378.9,    | 2167.9, | 0.0);   |       |             |
| ( 404665.2, | 3809327.2, | 1386.1, | 2167.9, | 0.0); | ( 404680.0, |
| 3809345.8,  | 1395.5,    | 2167.9, | 0.0);   |       |             |
| ( 404694.7, | 3809364.4, | 1403.6, | 2167.9, | 0.0); | ( 404709.5, |
| 3809383.0,  | 1413.7,    | 2167.9, | 0.0);   |       |             |
| ( 404724.3, | 3809401.6, | 1424.5, | 2167.9, | 0.0); | ( 404739.0, |
| 3809420.2,  | 1436.9,    | 2167.9, | 0.0);   |       |             |
| ( 404753.8, | 3809438.8, | 1448.5, | 2167.9, | 0.0); | ( 404768.6, |

```

3809457.3, 1457.2, 2167.9, 0.0);
(404783.3, 3809475.9, 1462.2, 2167.9, 0.0); (404798.1,
3809494.5, 1455.0, 2167.9, 0.0);
(404812.8, 3809513.1, 1441.9, 2167.9, 0.0); (404827.6,
3809531.7, 1427.6, 2167.9, 0.0);
(404842.4, 3809550.3, 1414.4, 2167.9, 0.0); (404857.1,
3809568.9, 1403.3, 2167.9, 0.0);
(404871.9, 3809587.5, 1405.8, 2167.9, 0.0); (404886.7,
3809606.1, 1409.7, 2167.9, 0.0);
(404901.4, 3809624.7, 1412.6, 2167.9, 0.0); (404916.2,
3809643.3, 1406.3, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 189

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(404931.0, 3809661.9, 1401.8, 2167.9, 0.0); (404945.7,
3809680.4, 1397.5, 2167.9, 0.0);
(404960.5, 3809699.0, 1397.1, 2167.9, 0.0); (404975.2,
3809717.6, 1393.2, 2167.9, 0.0);
(404990.0, 3809736.2, 1387.7, 2167.9, 0.0); (405004.8,
3809754.8, 1380.9, 2167.9, 0.0);
(405019.5, 3809773.4, 1370.2, 2167.9, 0.0); (405034.3,
3809792.0, 1358.5, 2167.9, 0.0);
(405049.1, 3809810.6, 1345.7, 2167.9, 0.0); (405063.8,
3809829.2, 1337.0, 2167.9, 0.0);
(405078.6, 3809847.8, 1330.6, 2167.9, 0.0); (405093.4,
3809866.4, 1329.2, 2167.9, 0.0);
(405108.1, 3809885.0, 1324.4, 2167.9, 0.0); (405122.9,
3809903.5, 1317.1, 2167.9, 0.0);
(405137.6, 3809922.1, 1303.4, 2167.9, 0.0); (405152.4,
3809940.7, 1289.8, 2167.9, 0.0);
(405167.2, 3809959.3, 1276.2, 2167.9, 0.0); (405181.9,
3809977.9, 1276.1, 2167.9, 0.0);
(405196.7, 3809996.5, 1284.7, 2167.9, 0.0); (405211.5,
3810015.1, 1288.2, 2167.9, 0.0);
(405226.2, 3810033.7, 1291.1, 2167.9, 0.0); (405241.0,
3810052.3, 1292.8, 2167.9, 0.0);
(405255.8, 3810070.9, 1292.2, 2167.9, 0.0); (405270.5,
3810089.5, 1292.3, 2167.9, 0.0);
(405285.3, 3810108.1, 1290.2, 2167.9, 0.0); (405300.0,
3810126.7, 1282.8, 2167.9, 0.0);
(405314.8, 3810145.2, 1276.6, 2167.9, 0.0); (405329.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3810163.8,  | 1270.5,    | 2167.9, | 0.0);   |       |             |
| ( 405344.3, | 3810182.4, | 1262.8, | 2167.9, | 0.0); | ( 405359.1, |
| 3810201.0,  | 1254.7,    | 2167.9, | 0.0);   |       |             |
| ( 405373.9, | 3810219.6, | 1249.9, | 2167.9, | 0.0); | ( 405388.6, |
| 3810238.2,  | 1244.7,    | 2167.9, | 0.0);   |       |             |
| ( 405403.4, | 3810256.8, | 1242.1, | 2167.9, | 0.0); | ( 405418.2, |
| 3810275.4,  | 1237.6,    | 2429.2, | 0.0);   |       |             |
| ( 405432.9, | 3810294.0, | 1229.5, | 2429.2, | 0.0); | ( 405447.7, |
| 3810312.6,  | 1218.7,    | 2429.2, | 0.0);   |       |             |
| ( 405462.5, | 3810331.2, | 1212.0, | 2429.2, | 0.0); | ( 405477.2, |
| 3810349.8,  | 1213.5,    | 2429.2, | 0.0);   |       |             |
| ( 405492.0, | 3810368.3, | 1219.0, | 2429.2, | 0.0); | ( 405506.7, |
| 3810386.9,  | 1226.1,    | 2429.2, | 0.0);   |       |             |
| ( 405521.5, | 3810405.5, | 1228.9, | 2429.2, | 0.0); | ( 405536.3, |
| 3810424.1,  | 1232.1,    | 2429.2, | 0.0);   |       |             |
| ( 405551.0, | 3810442.7, | 1234.0, | 2429.2, | 0.0); | ( 405565.8, |
| 3810461.3,  | 1231.0,    | 2429.2, | 0.0);   |       |             |
| ( 405580.6, | 3810479.9, | 1226.1, | 2429.2, | 0.0); | ( 405595.3, |
| 3810498.5,  | 1218.2,    | 2429.2, | 0.0);   |       |             |
| ( 405610.1, | 3810517.1, | 1212.5, | 2429.2, | 0.0); | ( 405624.8, |
| 3810535.7,  | 1208.5,    | 2429.2, | 0.0);   |       |             |
| ( 405639.6, | 3810554.3, | 1212.2, | 2429.2, | 0.0); | ( 405654.4, |
| 3810572.9,  | 1222.7,    | 2429.2, | 0.0);   |       |             |
| ( 405669.1, | 3810591.4, | 1225.5, | 2429.2, | 0.0); | ( 405683.9, |
| 3810610.0,  | 1224.4,    | 2429.2, | 0.0);   |       |             |
| ( 405698.7, | 3810628.6, | 1218.7, | 2429.2, | 0.0); | ( 405713.4, |
| 3810647.2,  | 1214.9,    | 2429.2, | 0.0);   |       |             |
| ( 405728.2, | 3810665.8, | 1214.1, | 2429.2, | 0.0); | ( 405743.0, |
| 3810684.4,  | 1218.3,    | 2429.2, | 0.0);   |       |             |
| ( 405757.7, | 3810703.0, | 1218.5, | 2429.2, | 0.0); | ( 405772.5, |
| 3810721.6,  | 1213.2,    | 2429.2, | 0.0);   |       |             |
| ( 405787.2, | 3810740.2, | 1216.4, | 2429.2, | 0.0); | ( 405802.0, |
| 3810758.8,  | 1227.2,    | 2429.2, | 0.0);   |       |             |
| ( 405816.8, | 3810777.4, | 1224.9, | 2429.2, | 0.0); | ( 405831.5, |
| 3810796.0,  | 1218.3,    | 2429.2, | 0.0);   |       |             |
| ( 405846.3, | 3810814.5, | 1211.9, | 2429.2, | 0.0); | ( 405861.1, |
| 3810833.1,  | 1207.7,    | 2429.2, | 0.0);   |       |             |
| ( 405875.8, | 3810851.7, | 1204.3, | 2429.2, | 0.0); | ( 405890.6, |
| 3810870.3,  | 1208.6,    | 2429.2, | 0.0);   |       |             |
| ( 405905.4, | 3810888.9, | 1210.3, | 2429.2, | 0.0); | ( 405920.1, |
| 3810907.5,  | 1204.4,    | 2429.2, | 0.0);   |       |             |
| ( 405934.9, | 3810926.1, | 1199.8, | 2429.2, | 0.0); | ( 405949.7, |
| 3810944.7,  | 1200.1,    | 2429.2, | 0.0);   |       |             |
| ( 405964.4, | 3810963.3, | 1203.1, | 2429.2, | 0.0); | ( 405979.2, |
| 3810981.9,  | 1208.7,    | 2429.2, | 0.0);   |       |             |
| ( 405994.0, | 3811000.5, | 1212.2, | 2429.2, | 0.0); | ( 406008.7, |
| 3811019.1,  | 1217.5,    | 2429.2, | 0.0);   |       |             |
| ( 406023.5, | 3811037.6, | 1221.3, | 2429.2, | 0.0); | ( 406038.2, |
| 3811056.2,  | 1225.6,    | 2429.2, | 0.0);   |       |             |
| ( 406053.0, | 3811074.8, | 1229.9, | 2429.2, | 0.0); | ( 406067.8, |

```

3811093.4, 1234.5, 2429.2, 0.0);
(406082.5, 3811112.0, 1242.0, 2429.2, 0.0); (406097.3,
3811130.6, 1249.2, 2429.2, 0.0);
(406112.1, 3811149.2, 1253.7, 2429.2, 0.0); (406126.8,
3811167.8, 1253.2, 2429.2, 0.0);
(406141.6, 3811186.4, 1254.8, 2429.2, 0.0); (406156.3,
3811205.0, 1258.1, 2429.2, 0.0);
(406171.1, 3811223.6, 1260.3, 2429.2, 0.0); (406185.9,
3811242.2, 1262.0, 2429.2, 0.0);
(406200.6, 3811260.8, 1265.1, 2429.2, 0.0); (406215.4,
3811279.3, 1266.0, 2429.2, 0.0);
(406230.2, 3811297.9, 1264.0, 2429.2, 0.0); (406244.9,
3811316.5, 1267.8, 2429.2, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 190

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(406259.7, 3811335.1, 1273.1, 2167.9, 0.0); (406274.5,
3811353.7, 1270.1, 2429.2, 0.0);
(406289.2, 3811372.3, 1261.3, 2429.2, 0.0); (406304.0,
3811390.9, 1257.6, 2429.2, 0.0);
(406318.8, 3811409.5, 1262.0, 2429.2, 0.0); (406333.5,
3811428.1, 1264.8, 2429.2, 0.0);
(406348.3, 3811446.7, 1258.0, 2429.2, 0.0); (406363.0,
3811465.3, 1251.9, 2429.2, 0.0);
(403174.1, 3807449.4, 1601.8, 2167.9, 0.0); (403155.6,
3807434.4, 1600.5, 2167.9, 0.0);
(403137.0, 3807419.5, 1600.6, 2167.9, 0.0); (403118.5,
3807404.5, 1600.0, 2167.9, 0.0);
(403100.0, 3807389.5, 1596.1, 2167.9, 0.0); (403081.5,
3807374.5, 1590.6, 2167.9, 0.0);
(403063.0, 3807359.5, 1588.8, 2167.9, 0.0); (403044.5,
3807344.5, 1591.6, 2167.9, 0.0);
(403026.0, 3807329.5, 1593.5, 2167.9, 0.0); (403007.5,
3807314.6, 1595.0, 2167.9, 0.0);
(402989.0, 3807299.6, 1598.2, 2167.9, 0.0); (402970.5,
3807284.6, 1605.0, 2167.9, 0.0);
(402951.9, 3807269.6, 1608.7, 2167.9, 0.0); (402933.4,
3807254.6, 1609.1, 2167.9, 0.0);
(395476.4, 3816429.6, 919.7, 1606.9, 0.0); (395458.4,
3816412.6, 918.7, 1606.9, 0.0);
(395440.4, 3816395.7, 918.4, 1606.1, 0.0); (395422.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816378.7,  | 917.7,     | 1606.1, | 0.0);   |       |             |
| ( 395404.4, | 3816361.7, | 917.2,  | 1606.1, | 0.0); | ( 395386.4, |
| 3816344.7,  | 916.3,     | 1606.1, | 0.0);   |       |             |
| ( 395368.4, | 3816327.7, | 915.7,  | 1606.1, | 0.0); | ( 395350.4, |
| 3816310.7,  | 915.2,     | 1439.5, | 0.0);   |       |             |
| ( 395332.3, | 3816293.7, | 914.1,  | 1439.5, | 0.0); | ( 395314.3, |
| 3816276.7,  | 913.9,     | 1429.2, | 0.0);   |       |             |
| ( 395475.5, | 3816394.5, | 918.0,  | 1606.9, | 0.0); | ( 395457.5, |
| 3816377.5,  | 917.4,     | 1606.9, | 0.0);   |       |             |
| ( 395439.5, | 3816360.5, | 916.8,  | 1606.9, | 0.0); | ( 395421.5, |
| 3816343.5,  | 916.2,     | 1606.9, | 0.0);   |       |             |
| ( 395403.5, | 3816326.5, | 915.6,  | 1606.9, | 0.0); | ( 395385.5, |
| 3816309.5,  | 914.8,     | 1606.9, | 0.0);   |       |             |
| ( 395367.5, | 3816292.5, | 914.2,  | 1606.9, | 0.0); | ( 395349.5, |
| 3816275.5,  | 913.5,     | 1606.9, | 0.0);   |       |             |
| ( 395331.5, | 3816258.5, | 912.8,  | 1606.9, | 0.0); | ( 395492.7, |
| 3816376.3,  | 917.8,     | 1606.9, | 0.0);   |       |             |
| ( 395474.7, | 3816359.3, | 917.2,  | 1606.9, | 0.0); | ( 395456.7, |
| 3816342.3,  | 916.6,     | 1606.9, | 0.0);   |       |             |
| ( 395438.7, | 3816325.3, | 916.0,  | 1606.9, | 0.0); | ( 395420.7, |
| 3816308.3,  | 915.3,     | 1606.9, | 0.0);   |       |             |
| ( 395402.7, | 3816291.3, | 914.6,  | 1606.9, | 0.0); | ( 395384.7, |
| 3816274.3,  | 914.0,     | 1606.9, | 0.0);   |       |             |
| ( 395366.7, | 3816257.3, | 913.4,  | 1606.9, | 0.0); | ( 395348.7, |
| 3816240.3,  | 912.8,     | 1606.9, | 0.0);   |       |             |
| ( 395509.9, | 3816358.1, | 917.9,  | 1606.9, | 0.0); | ( 395491.9, |
| 3816341.1,  | 917.2,     | 1606.9, | 0.0);   |       |             |
| ( 395473.9, | 3816324.1, | 916.5,  | 1606.9, | 0.0); | ( 395455.8, |
| 3816307.1,  | 915.9,     | 1606.9, | 0.0);   |       |             |
| ( 395437.8, | 3816290.1, | 915.1,  | 1606.9, | 0.0); | ( 395419.8, |
| 3816273.1,  | 914.7,     | 1606.9, | 0.0);   |       |             |
| ( 395401.8, | 3816256.1, | 914.1,  | 1606.9, | 0.0); | ( 395383.8, |
| 3816239.1,  | 913.6,     | 1606.9, | 0.0);   |       |             |
| ( 395365.8, | 3816222.2, | 913.1,  | 1606.9, | 0.0); | ( 395544.2, |
| 3816321.8,  | 918.0,     | 1606.9, | 0.0);   |       |             |
| ( 395526.2, | 3816304.8, | 917.5,  | 1606.9, | 0.0); | ( 395508.2, |
| 3816287.8,  | 917.0,     | 1606.9, | 0.0);   |       |             |
| ( 395490.2, | 3816270.8, | 916.3,  | 1606.9, | 0.0); | ( 395472.2, |
| 3816253.8,  | 915.7,     | 1606.9, | 0.0);   |       |             |
| ( 395454.2, | 3816236.8, | 915.0,  | 1606.9, | 0.0); | ( 395436.2, |
| 3816219.8,  | 914.4,     | 1606.9, | 0.0);   |       |             |
| ( 395418.1, | 3816202.8, | 913.8,  | 1606.9, | 0.0); | ( 395400.1, |
| 3816185.8,  | 913.3,     | 1606.9, | 0.0);   |       |             |
| ( 395578.5, | 3816285.4, | 921.3,  | 1606.9, | 0.0); | ( 395560.5, |
| 3816268.4,  | 921.3,     | 1606.9, | 0.0);   |       |             |
| ( 395542.5, | 3816251.4, | 921.5,  | 1606.9, | 0.0); | ( 395524.5, |
| 3816234.4,  | 921.6,     | 1606.9, | 0.0);   |       |             |
| ( 395506.5, | 3816217.4, | 921.3,  | 1606.9, | 0.0); | ( 395488.5, |
| 3816200.4,  | 920.1,     | 1606.9, | 0.0);   |       |             |
| ( 395470.5, | 3816183.4, | 918.8,  | 1606.9, | 0.0); | ( 395452.5, |

```

3816166.4, 916.7, 1606.9, 0.0);
 (395434.5, 3816149.4, 914.9, 1606.9, 0.0); (395612.8,
3816249.0, 932.9, 1606.9, 0.0);
 (395594.8, 3816232.0, 933.7, 1606.9, 0.0); (395576.8,
3816215.0, 933.4, 1606.9, 0.0);
 (395558.8, 3816198.0, 934.7, 1606.9, 0.0); (395540.8,
3816181.0, 932.3, 1606.9, 0.0);
 (395522.8, 3816164.0, 931.4, 1606.9, 0.0); (395504.8,
3816147.1, 927.7, 1606.9, 0.0);
 (395486.8, 3816130.1, 925.1, 1606.9, 0.0); (395468.8,
3816113.1, 921.1, 1606.9, 0.0);
 (395647.1, 3816212.7, 933.8, 1606.9, 0.0); (395629.1,
3816195.7, 931.4, 1606.9, 0.0);
 (395611.1, 3816178.7, 928.1, 1606.9, 0.0); (395593.1,
3816161.7, 925.1, 1606.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 191

```

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (395575.1, 3816144.7, 922.4, 1606.9, 0.0); (395557.1,
3816127.7, 919.9, 1606.9, 0.0);
 (395539.1, 3816110.7, 918.6, 1606.9, 0.0); (395521.1,
3816093.7, 917.5, 1606.9, 0.0);
 (395503.1, 3816076.7, 916.6, 1606.9, 0.0); (395681.5,
3816176.3, 923.7, 1606.9, 0.0);
 (395663.5, 3816159.3, 922.1, 1606.9, 0.0); (395645.5,
3816142.3, 921.4, 1606.9, 0.0);
 (395627.5, 3816125.3, 920.5, 1606.9, 0.0); (395609.5,
3816108.3, 919.7, 1606.9, 0.0);
 (395591.4, 3816091.3, 919.0, 1606.9, 0.0); (395573.4,
3816074.3, 918.4, 1606.9, 0.0);
 (395555.4, 3816057.3, 918.1, 1606.9, 0.0); (395537.4,
3816040.3, 918.1, 1606.9, 0.0);
 (395732.1, 3816086.6, 922.8, 1606.9, 0.0); (395714.1,
3816069.6, 922.1, 1606.9, 0.0);
 (395696.1, 3816052.6, 921.8, 1606.9, 0.0); (395678.1,
3816035.6, 921.3, 1606.9, 0.0);
 (395660.1, 3816018.6, 921.0, 1606.9, 0.0); (395642.1,
3816001.6, 920.4, 1606.9, 0.0);
 (395624.1, 3815984.6, 920.0, 1606.9, 0.0); (395606.1,
3815967.6, 920.3, 1606.9, 0.0);
 (395800.7, 3816013.9, 926.5, 1606.9, 0.0); (395782.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815996.9,  | 925.9,     | 1606.9, | 0.0);   |       |             |
| ( 395764.7, | 3815979.9, | 925.8,  | 1606.9, | 0.0); | ( 395746.7, |
| 3815962.9,  | 925.8,     | 1606.9, | 0.0);   |       |             |
| ( 395728.7, | 3815945.9, | 925.5,  | 1606.9, | 0.0); | ( 395710.7, |
| 3815928.9,  | 925.6,     | 1606.9, | 0.0);   |       |             |
| ( 395692.7, | 3815911.9, | 926.1,  | 1606.9, | 0.0); | ( 395674.7, |
| 3815894.9,  | 927.8,     | 1606.9, | 0.0);   |       |             |
| ( 395869.4, | 3815941.1, | 945.3,  | 1606.9, | 0.0); | ( 395851.4, |
| 3815924.1,  | 944.7,     | 1606.9, | 0.0);   |       |             |
| ( 395833.4, | 3815907.1, | 941.0,  | 1606.9, | 0.0); | ( 395815.4, |
| 3815890.2,  | 938.7,     | 1606.9, | 0.0);   |       |             |
| ( 395797.4, | 3815873.2, | 942.7,  | 1606.9, | 0.0); | ( 395779.4, |
| 3815856.2,  | 947.6,     | 1606.9, | 0.0);   |       |             |
| ( 395761.3, | 3815839.2, | 946.2,  | 1606.9, | 0.0); | ( 395743.3, |
| 3815822.2,  | 943.2,     | 1606.9, | 0.0);   |       |             |
| ( 395920.0, | 3815851.4, | 957.4,  | 1606.9, | 0.0); | ( 395902.0, |
| 3815834.4,  | 956.4,     | 1606.9, | 0.0);   |       |             |
| ( 395884.0, | 3815817.4, | 955.8,  | 1606.9, | 0.0); | ( 395866.0, |
| 3815800.4,  | 955.6,     | 1606.9, | 0.0);   |       |             |
| ( 395848.0, | 3815783.4, | 951.8,  | 1606.9, | 0.0); | ( 395830.0, |
| 3815766.4,  | 946.3,     | 1606.9, | 0.0);   |       |             |
| ( 395812.0, | 3815749.5, | 943.6,  | 1606.9, | 0.0); | ( 395988.7, |
| 3815778.7,  | 965.2,     | 1606.9, | 0.0);   |       |             |
| ( 395970.6, | 3815761.7, | 964.7,  | 1606.9, | 0.0); | ( 395952.6, |
| 3815744.7,  | 962.5,     | 1606.9, | 0.0);   |       |             |
| ( 395934.6, | 3815727.7, | 957.5,  | 1606.9, | 0.0); | ( 395916.6, |
| 3815710.7,  | 952.6,     | 1606.9, | 0.0);   |       |             |
| ( 395898.6, | 3815693.7, | 951.1,  | 1606.9, | 0.0); | ( 395880.6, |
| 3815676.7,  | 952.5,     | 1606.9, | 0.0);   |       |             |
| ( 396142.2, | 3815579.9, | 980.6,  | 1606.9, | 0.0); | ( 396124.2, |
| 3815562.9,  | 979.1,     | 1606.9, | 0.0);   |       |             |
| ( 396106.2, | 3815545.9, | 978.2,  | 1606.9, | 0.0); | ( 396088.2, |
| 3815528.9,  | 978.9,     | 1606.9, | 0.0);   |       |             |
| ( 396070.2, | 3815511.9, | 981.1,  | 1606.9, | 0.0); | ( 396052.2, |
| 3815494.9,  | 979.0,     | 1606.9, | 0.0);   |       |             |
| ( 396295.8, | 3815381.1, | 1059.3, | 1353.8, | 0.0); | ( 396277.8, |
| 3815364.1,  | 1050.9,    | 1353.8, | 0.0);   |       |             |
| ( 396259.8, | 3815347.1, | 1041.2, | 1353.8, | 0.0); | ( 396241.8, |
| 3815330.1,  | 1030.7,    | 1606.1, | 0.0);   |       |             |
| ( 396223.8, | 3815313.1, | 1020.8, | 1606.9, | 0.0); | ( 396467.4, |
| 3815199.3,  | 1086.2,    | 1353.8, | 0.0);   |       |             |
| ( 396449.4, | 3815182.3, | 1075.3, | 1353.8, | 0.0); | ( 396431.4, |
| 3815165.3,  | 1064.7,    | 1353.8, | 0.0);   |       |             |
| ( 396413.4, | 3815148.3, | 1056.4, | 1353.8, | 0.0); | ( 396395.4, |
| 3815131.3,  | 1052.3,    | 1353.8, | 0.0);   |       |             |
| ( 396621.0, | 3815000.5, | 1101.0, | 1353.8, | 0.0); | ( 396603.0, |
| 3814983.5,  | 1108.7,    | 1353.8, | 0.0);   |       |             |
| ( 396585.0, | 3814966.5, | 1118.1, | 1353.8, | 0.0); | ( 396567.0, |
| 3814949.5,  | 1126.7,    | 1353.8, | 0.0);   |       |             |
| ( 396928.2, | 3814602.9, | 1068.2, | 1606.9, | 0.0); | ( 396910.2, |

```

3814585.9, 1071.4, 1606.9, 0.0);
(397253.4, 3814222.3, 1106.3, 1606.9, 0.0); (399950.2,
3811725.7, 1217.2, 2167.9, 0.0);
(400865.4, 3810756.1, 1354.7, 2167.9, 0.0); (400847.4,
3810739.1, 1352.1, 2167.9, 0.0);
(400829.4, 3810722.1, 1352.6, 2167.9, 0.0); (400811.4,
3810705.1, 1354.1, 2167.9, 0.0);
(400793.4, 3810688.1, 1358.2, 2167.9, 0.0); (400775.4,
3810671.1, 1366.5, 2167.9, 0.0);
(401780.6, 3809786.4, 1518.6, 2167.9, 0.0); (401762.6,
3809769.4, 1519.6, 2167.9, 0.0);
(401744.6, 3809752.4, 1534.3, 2167.9, 0.0); (401726.6,
3809735.4, 1554.0, 2167.9, 0.0);
(401708.6, 3809718.4, 1572.8, 2167.9, 0.0); (401690.6,
3809701.5, 1591.1, 2167.9, 0.0);
(401672.6, 3809684.5, 1606.5, 2084.1, 0.0); (401654.6,
3809667.5, 1616.1, 2084.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 192

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(401636.6, 3809650.5, 1623.4, 2084.1, 0.0); (401618.6,
3809633.5, 1631.4, 1792.9, 0.0);
(401600.6, 3809616.5, 1635.4, 1708.3, 0.0); (402695.8,
3808816.8, 1689.0, 2167.9, 0.0);
(402677.8, 3808799.8, 1697.8, 2167.9, 0.0); (402659.8,
3808782.8, 1706.0, 2167.9, 0.0);
(402641.8, 3808765.8, 1713.8, 2167.9, 0.0); (402623.8,
3808748.8, 1714.8, 2167.9, 0.0);
(402605.8, 3808731.8, 1708.0, 2167.9, 0.0); (402587.8,
3808714.8, 1704.4, 2167.9, 0.0);
(402569.8, 3808697.8, 1704.1, 2167.9, 0.0); (402551.8,
3808680.8, 1705.8, 2167.9, 0.0);
(402533.8, 3808663.8, 1703.7, 2167.9, 0.0); (402515.8,
3808646.8, 1695.5, 2167.9, 0.0);
(403611.0, 3807847.1, 1457.6, 2167.9, 0.0); (403593.0,
3807830.2, 1459.8, 2167.9, 0.0);
(403575.0, 3807813.2, 1462.6, 2167.9, 0.0); (403557.0,
3807796.2, 1465.4, 2167.9, 0.0);
(403539.0, 3807779.2, 1469.6, 2167.9, 0.0); (403521.0,
3807762.2, 1474.1, 2167.9, 0.0);
(403503.0, 3807745.2, 1479.9, 2167.9, 0.0); (403485.0,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807728.2,  | 1484.6,    | 2167.9, | 0.0);   |       |             |
| ( 403467.0, | 3807711.2, | 1492.2, | 2167.9, | 0.0); | ( 403449.0, |
| 3807694.2,  | 1501.7,    | 2167.9, | 0.0);   |       |             |
| ( 403431.0, | 3807677.2, | 1513.6, | 2167.9, | 0.0); | ( 395291.7, |
| 3816263.9,  | 913.3,     | 1439.5, | 0.0);   |       |             |
| ( 395257.8, | 3816246.2, | 913.2,  | 1439.5, | 0.0); | ( 395303.3, |
| 3816241.7,  | 912.0,     | 1606.1, | 0.0);   |       |             |
| ( 395269.3, | 3816224.0, | 911.2,  | 1426.7, | 0.0); | ( 395314.8, |
| 3816219.5,  | 911.8,     | 1606.9, | 0.0);   |       |             |
| ( 395280.8, | 3816201.8, | 911.1,  | 1606.1, | 0.0); | ( 395343.3, |
| 3816206.1,  | 912.3,     | 1606.9, | 0.0);   |       |             |
| ( 395309.3, | 3816188.5, | 911.5,  | 1606.9, | 0.0); | ( 395275.4, |
| 3816170.8,  | 910.9,     | 1606.9, | 0.0);   |       |             |
| ( 395377.6, | 3816169.8, | 912.9,  | 1606.9, | 0.0); | ( 395349.4, |
| 3816152.9,  | 912.4,     | 1606.9, | 0.0);   |       |             |
| ( 395315.4, | 3816135.3, | 911.8,  | 1606.9, | 0.0); | ( 395404.4, |
| 3816128.1,  | 913.2,     | 1606.9, | 0.0);   |       |             |
| ( 395372.4, | 3816108.6, | 913.1,  | 1606.9, | 0.0); | ( 395338.5, |
| 3816090.9,  | 912.3,     | 1606.9, | 0.0);   |       |             |
| ( 395426.5, | 3816083.0, | 915.3,  | 1606.9, | 0.0); | ( 395395.5, |
| 3816064.2,  | 913.8,     | 1606.9, | 0.0);   |       |             |
| ( 395361.5, | 3816046.6, | 913.0,  | 1606.9, | 0.0); | ( 395449.0, |
| 3816038.3,  | 915.7,     | 1606.9, | 0.0);   |       |             |
| ( 395476.1, | 3816057.5, | 916.3,  | 1606.9, | 0.0); | ( 395418.5, |
| 3816019.8,  | 914.6,     | 1606.9, | 0.0);   |       |             |
| ( 395384.6, | 3816002.2, | 913.7,  | 1606.9, | 0.0); | ( 395471.7, |
| 3815993.6,  | 917.7,     | 1606.9, | 0.0);   |       |             |
| ( 395498.0, | 3816012.3, | 918.0,  | 1606.9, | 0.0); | ( 395441.6, |
| 3815975.5,  | 916.6,     | 1606.9, | 0.0);   |       |             |
| ( 395407.6, | 3815957.8, | 915.5,  | 1606.9, | 0.0); | ( 395519.2, |
| 3815905.9,  | 922.6,     | 1606.9, | 0.0);   |       |             |
| ( 395548.1, | 3815926.4, | 922.8,  | 1606.9, | 0.0); | ( 395577.1, |
| 3815947.0,  | 921.8,     | 1606.9, | 0.0);   |       |             |
| ( 395487.7, | 3815886.8, | 922.0,  | 1606.9, | 0.0); | ( 395453.7, |
| 3815869.1,  | 920.9,     | 1606.9, | 0.0);   |       |             |
| ( 395566.3, | 3815817.8, | 928.1,  | 1606.9, | 0.0); | ( 395597.3, |
| 3815839.9,  | 928.8,     | 1606.9, | 0.0);   |       |             |
| ( 395628.2, | 3815861.9, | 930.8,  | 1606.9, | 0.0); | ( 395533.8, |
| 3815798.0,  | 928.1,     | 1606.9, | 0.0);   |       |             |
| ( 395499.8, | 3815780.4, | 928.7,  | 1606.9, | 0.0); | ( 395611.6, |
| 3815728.5,  | 938.1,     | 1606.9, | 0.0);   |       |             |
| ( 395640.8, | 3815749.3, | 935.8,  | 1606.9, | 0.0); | ( 395670.1, |
| 3815770.1,  | 934.4,     | 1606.9, | 0.0);   |       |             |
| ( 395699.4, | 3815791.0, | 935.8,  | 1606.9, | 0.0); | ( 395579.9, |
| 3815709.3,  | 936.4,     | 1606.9, | 0.0);   |       |             |
| ( 395546.0, | 3815691.6, | 933.8,  | 1606.9, | 0.0); | ( 395658.4, |
| 3815640.3,  | 945.6,     | 1606.9, | 0.0);   |       |             |
| ( 395689.1, | 3815662.1, | 949.8,  | 1606.9, | 0.0); | ( 395719.8, |
| 3815684.0,  | 950.8,     | 1606.9, | 0.0);   |       |             |
| ( 395750.5, | 3815705.8, | 946.5,  | 1606.9, | 0.0); | ( 395781.3, |

```

3815727.6, 942.9, 1606.9, 0.0);
(395626.0, 3815620.5, 948.8, 1606.9, 0.0); (395592.1,
3815602.9, 947.2, 1606.9, 0.0);
(395703.9, 3815551.1, 957.4, 1606.9, 0.0); (395733.3,
3815572.0, 959.3, 1606.9, 0.0);
(395762.8, 3815593.0, 961.6, 1606.9, 0.0); (395792.2,
3815613.9, 964.9, 1606.9, 0.0);
(395821.7, 3815634.9, 966.1, 1606.9, 0.0); (395851.2,
3815655.8, 959.9, 1606.9, 0.0);
(395672.1, 3815531.8, 955.0, 1606.9, 0.0); (395638.2,
3815514.2, 952.1, 1606.9, 0.0);
(395819.9, 3815329.8, 977.1, 1606.9, 0.0); (395850.9,
3815351.8, 982.8, 1606.9, 0.0);
(395881.8, 3815373.8, 990.5, 1606.9, 0.0); (395912.8,
3815395.9, 997.9, 1353.8, 0.0);
(395943.8, 3815417.9, 991.8, 1606.9, 0.0); (395974.8,
3815439.9, 980.9, 1606.9, 0.0);
(396005.8, 3815461.9, 974.9, 1606.9, 0.0); (395787.4,
3815310.0, 972.9, 1606.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 193

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395753.5, 3815292.3, 972.1, 1606.9, 0.0); (395934.9,
3815107.8, 994.7, 1606.9, 0.0);
(395965.3, 3815129.4, 1000.7, 1606.9, 0.0); (395995.7,
3815151.0, 1008.7, 1606.9, 0.0);
(396026.1, 3815172.6, 1016.0, 1353.8, 0.0); (396056.5,
3815194.2, 1013.7, 1606.9, 0.0);
(396087.0, 3815215.8, 1003.1, 1606.9, 0.0); (396117.4,
3815237.5, 998.1, 1606.9, 0.0);
(396147.8, 3815259.1, 1005.9, 1606.9, 0.0); (396178.2,
3815280.7, 1009.9, 1606.9, 0.0);
(395902.7, 3815088.1, 993.7, 1606.9, 0.0); (395868.7,
3815070.5, 993.9, 1606.9, 0.0);
(396050.0, 3814885.8, 1021.2, 1606.9, 0.0); (396080.0,
3814907.1, 1023.2, 1606.9, 0.0);
(396110.1, 3814928.5, 1025.8, 1606.9, 0.0); (396140.1,
3814949.8, 1029.0, 1606.9, 0.0);
(396170.1, 3814971.2, 1030.9, 1606.9, 0.0); (396200.2,
3814992.5, 1027.3, 1606.9, 0.0);
(396230.2, 3815013.9, 1027.5, 1606.9, 0.0); (396260.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815035.2,  | 1029.4,    | 1606.9, | 0.0);   |       |             |
| ( 396290.3, | 3815056.6, | 1030.3, | 1606.9, | 0.0); | ( 396320.3, |
| 3815077.9,  | 1036.9,    | 1606.9, | 0.0);   |       |             |
| ( 396350.4, | 3815099.3, | 1046.9, | 1606.1, | 0.0); | ( 396018.0, |
| 3814866.3,  | 1020.5,    | 1353.8, | 0.0);   |       |             |
| ( 395984.0, | 3814848.7, | 1020.2, | 1353.8, | 0.0); | ( 396165.7, |
| 3814664.3,  | 1075.9,    | 1353.8, | 0.0);   |       |             |
| ( 396196.5, | 3814686.2, | 1095.3, | 1353.8, | 0.0); | ( 396227.4, |
| 3814708.1,  | 1115.2,    | 1353.8, | 0.0);   |       |             |
| ( 396258.3, | 3814730.1, | 1127.3, | 1353.8, | 0.0); | ( 396289.2, |
| 3814752.0,  | 1115.3,    | 1353.8, | 0.0);   |       |             |
| ( 396320.0, | 3814774.0, | 1097.3, | 1353.8, | 0.0); | ( 396350.9, |
| 3814795.9,  | 1081.7,    | 1353.8, | 0.0);   |       |             |
| ( 396381.8, | 3814817.9, | 1072.6, | 1353.8, | 0.0); | ( 396412.7, |
| 3814839.8,  | 1079.5,    | 1353.8, | 0.0);   |       |             |
| ( 396443.5, | 3814861.7, | 1093.5, | 1353.8, | 0.0); | ( 396474.4, |
| 3814883.7,  | 1100.0,    | 1353.8, | 0.0);   |       |             |
| ( 396505.3, | 3814905.6, | 1113.7, | 1353.8, | 0.0); | ( 396536.1, |
| 3814927.6,  | 1127.8,    | 1353.8, | 0.0);   |       |             |
| ( 396133.3, | 3814644.5, | 1059.0, | 1353.8, | 0.0); | ( 396099.3, |
| 3814626.8,  | 1052.0,    | 1353.8, | 0.0);   |       |             |
| ( 396396.4, | 3814220.7, | 1158.0, | 1353.8, | 0.0); | ( 396427.5, |
| 3814242.8,  | 1146.3,    | 1353.8, | 0.0);   |       |             |
| ( 396458.6, | 3814265.0, | 1137.0, | 1353.8, | 0.0); | ( 396489.8, |
| 3814287.1,  | 1133.6,    | 1353.8, | 0.0);   |       |             |
| ( 396520.9, | 3814309.2, | 1138.4, | 1353.8, | 0.0); | ( 396552.1, |
| 3814331.4,  | 1146.9,    | 1353.8, | 0.0);   |       |             |
| ( 396583.2, | 3814353.5, | 1150.7, | 1353.8, | 0.0); | ( 396614.4, |
| 3814375.6,  | 1147.1,    | 1353.8, | 0.0);   |       |             |
| ( 396645.5, | 3814397.8, | 1139.0, | 1353.8, | 0.0); | ( 396676.6, |
| 3814419.9,  | 1126.1,    | 1353.8, | 0.0);   |       |             |
| ( 396707.8, | 3814442.0, | 1112.3, | 1353.8, | 0.0); | ( 396738.9, |
| 3814464.2,  | 1101.6,    | 1353.8, | 0.0);   |       |             |
| ( 396770.1, | 3814486.3, | 1094.1, | 1606.9, | 0.0); | ( 396801.2, |
| 3814508.4,  | 1088.4,    | 1606.9, | 0.0);   |       |             |
| ( 396832.4, | 3814530.6, | 1083.7, | 1606.9, | 0.0); | ( 396863.5, |
| 3814552.7,  | 1079.9,    | 1606.9, | 0.0);   |       |             |
| ( 396363.8, | 3814200.8, | 1170.9, | 1353.8, | 0.0); | ( 396329.8, |
| 3814183.1,  | 1186.4,    | 1353.8, | 0.0);   |       |             |
| ( 396626.6, | 3813776.8, | 1326.5, | 1353.8, | 0.0); | ( 396657.2, |
| 3813798.5,  | 1319.9,    | 1353.8, | 0.0);   |       |             |
| ( 396687.8, | 3813820.3, | 1305.1, | 1353.8, | 0.0); | ( 396718.4, |
| 3813842.0,  | 1287.1,    | 1353.8, | 0.0);   |       |             |
| ( 396748.9, | 3813863.7, | 1270.3, | 1353.8, | 0.0); | ( 396779.5, |
| 3813885.5,  | 1260.3,    | 1353.8, | 0.0);   |       |             |
| ( 396810.1, | 3813907.2, | 1254.4, | 1353.8, | 0.0); | ( 396840.7, |
| 3813928.9,  | 1248.3,    | 1353.8, | 0.0);   |       |             |
| ( 396871.2, | 3813950.7, | 1232.2, | 1353.8, | 0.0); | ( 396901.8, |
| 3813972.4,  | 1213.4,    | 1353.8, | 0.0);   |       |             |
| ( 396932.4, | 3813994.1, | 1197.7, | 1353.8, | 0.0); | ( 396963.0, |

```

3814015.8, 1183.3, 1353.8, 0.0);
(396993.5, 3814037.6, 1167.6, 1353.8, 0.0); (397024.1,
3814059.3, 1154.5, 1353.8, 0.0);
(397054.7, 3814081.0, 1147.2, 1353.8, 0.0); (397085.3,
3814102.8, 1144.7, 1353.8, 0.0);
(397115.8, 3814124.5, 1145.6, 1353.8, 0.0); (397146.4,
3814146.2, 1140.7, 1606.9, 0.0);
(397177.0, 3814167.9, 1132.1, 1606.9, 0.0); (397207.5,
3814189.7, 1122.0, 1606.9, 0.0);
(396594.4, 3813757.1, 1316.7, 1353.8, 0.0); (396560.4,
3813739.5, 1298.7, 1353.8, 0.0);
(396857.3, 3813333.2, 1284.4, 1353.8, 0.0); (396888.1,
3813355.1, 1295.8, 1353.8, 0.0);
(396918.9, 3813377.0, 1286.9, 1353.8, 0.0); (396949.7,
3813398.9, 1278.0, 1353.8, 0.0);
(396980.5, 3813420.8, 1280.1, 1353.8, 0.0); (397011.3,
3813442.7, 1288.7, 1353.8, 0.0);
(397042.1, 3813464.6, 1288.7, 1353.8, 0.0); (397072.9,
3813486.5, 1273.8, 1353.8, 0.0);
(397103.7, 3813508.4, 1256.8, 1353.8, 0.0); (397134.5,
3813530.3, 1238.7, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 194

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(397165.3, 3813552.2, 1222.8, 1353.8, 0.0); (397196.2,
3813574.0, 1214.3, 1353.8, 0.0);
(397227.0, 3813595.9, 1208.7, 1353.8, 0.0); (397257.8,
3813617.8, 1206.6, 1353.8, 0.0);
(397288.6, 3813639.7, 1198.6, 1353.8, 0.0); (397319.4,
3813661.6, 1186.1, 1353.8, 0.0);
(397350.2, 3813683.5, 1170.3, 1353.8, 0.0); (397381.0,
3813705.4, 1155.7, 1606.9, 0.0);
(397411.8, 3813727.3, 1141.5, 1606.9, 0.0); (397442.6,
3813749.2, 1127.7, 1606.9, 0.0);
(397473.4, 3813771.1, 1111.2, 1708.3, 0.0); (397504.2,
3813793.0, 1094.2, 1708.3, 0.0);
(397535.0, 3813814.9, 1079.0, 1708.3, 0.0); (397565.8,
3813836.8, 1067.9, 1708.3, 0.0);
(396824.9, 3813313.5, 1260.5, 1353.8, 0.0); (396791.0,
3813295.8, 1236.2, 1353.8, 0.0);
(397088.0, 3812889.6, 1181.4, 1353.8, 0.0); (397118.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812911.6,  | 1194.3,    | 1353.8, | 0.0);   |       |             |
| ( 397149.9, | 3812933.6, | 1199.4, | 1353.8, | 0.0); | ( 397180.9, |
| 3812955.7,  | 1200.0,    | 1353.8, | 0.0);   |       |             |
| ( 397211.9, | 3812977.7, | 1192.5, | 1353.8, | 0.0); | ( 397242.8, |
| 3812999.7,  | 1183.4,    | 1353.8, | 0.0);   |       |             |
| ( 397273.8, | 3813021.7, | 1174.1, | 1353.8, | 0.0); | ( 397304.8, |
| 3813043.7,  | 1175.3,    | 1353.8, | 0.0);   |       |             |
| ( 397335.8, | 3813065.7, | 1175.4, | 1353.8, | 0.0); | ( 397366.7, |
| 3813087.8,  | 1172.3,    | 1353.8, | 0.0);   |       |             |
| ( 397397.7, | 3813109.8, | 1159.9, | 1606.9, | 0.0); | ( 397428.7, |
| 3813131.8,  | 1147.3,    | 1708.3, | 0.0);   |       |             |
| ( 397459.7, | 3813153.8, | 1137.2, | 1708.3, | 0.0); | ( 397490.6, |
| 3813175.8,  | 1126.6,    | 1708.3, | 0.0);   |       |             |
| ( 397521.6, | 3813197.8, | 1116.7, | 1708.3, | 0.0); | ( 397552.6, |
| 3813219.8,  | 1109.2,    | 1708.3, | 0.0);   |       |             |
| ( 397583.6, | 3813241.9, | 1104.7, | 2084.1, | 0.0); | ( 397614.5, |
| 3813263.9,  | 1101.3,    | 2084.1, | 0.0);   |       |             |
| ( 397645.5, | 3813285.9, | 1098.9, | 2084.1, | 0.0); | ( 397676.5, |
| 3813307.9,  | 1096.1,    | 2084.1, | 0.0);   |       |             |
| ( 397707.5, | 3813329.9, | 1093.1, | 2084.1, | 0.0); | ( 397738.5, |
| 3813351.9,  | 1084.6,    | 2084.1, | 0.0);   |       |             |
| ( 397769.4, | 3813374.0, | 1080.4, | 2084.1, | 0.0); | ( 397800.4, |
| 3813396.0,  | 1079.4,    | 2084.1, | 0.0);   |       |             |
| ( 397831.4, | 3813418.0, | 1078.3, | 2084.1, | 0.0); | ( 397862.4, |
| 3813440.0,  | 1077.6,    | 2084.1, | 0.0);   |       |             |
| ( 397055.5, | 3812869.8, | 1160.7, | 1353.8, | 0.0); | ( 397021.5, |
| 3812852.1,  | 1159.6,    | 1353.8, | 0.0);   |       |             |
| ( 397702.8, | 3811706.5, | 1165.8, | 2167.9, | 0.0); | ( 397734.0, |
| 3811728.7,  | 1170.8,    | 2167.9, | 0.0);   |       |             |
| ( 397765.1, | 3811750.8, | 1170.7, | 2167.9, | 0.0); | ( 397796.3, |
| 3811772.9,  | 1162.3,    | 2167.9, | 0.0);   |       |             |
| ( 397827.4, | 3811795.1, | 1157.5, | 2167.9, | 0.0); | ( 397858.5, |
| 3811817.2,  | 1156.1,    | 2167.9, | 0.0);   |       |             |
| ( 397889.7, | 3811839.3, | 1153.3, | 2167.9, | 0.0); | ( 397920.8, |
| 3811861.5,  | 1148.8,    | 2167.9, | 0.0);   |       |             |
| ( 397952.0, | 3811883.6, | 1142.9, | 2167.9, | 0.0); | ( 397983.1, |
| 3811905.7,  | 1138.6,    | 2167.9, | 0.0);   |       |             |
| ( 398014.2, | 3811927.9, | 1137.7, | 2167.9, | 0.0); | ( 398045.4, |
| 3811950.0,  | 1133.2,    | 2167.9, | 0.0);   |       |             |
| ( 398076.5, | 3811972.1, | 1129.4, | 2167.9, | 0.0); | ( 398107.7, |
| 3811994.3,  | 1131.8,    | 2167.9, | 0.0);   |       |             |
| ( 398138.8, | 3812016.4, | 1130.8, | 2167.9, | 0.0); | ( 398169.9, |
| 3812038.5,  | 1125.5,    | 2167.9, | 0.0);   |       |             |
| ( 398201.1, | 3812060.6, | 1125.7, | 2167.9, | 0.0); | ( 398232.2, |
| 3812082.8,  | 1131.0,    | 2167.9, | 0.0);   |       |             |
| ( 398263.3, | 3812104.9, | 1139.5, | 2167.9, | 0.0); | ( 398294.5, |
| 3812127.0,  | 1144.6,    | 2167.9, | 0.0);   |       |             |
| ( 398325.6, | 3812149.2, | 1144.6, | 2167.9, | 0.0); | ( 398356.8, |
| 3812171.3,  | 1144.4,    | 2167.9, | 0.0);   |       |             |
| ( 398387.9, | 3812193.4, | 1144.4, | 2167.9, | 0.0); | ( 398419.0, |

```

3812215.6, 1144.6, 2167.9, 0.0);
(398450.2, 3812237.7, 1144.9, 2167.9, 0.0); (398481.3,
3812259.8, 1145.2, 2167.9, 0.0);
(398512.5, 3812282.0, 1145.6, 2167.9, 0.0); (398543.6,
3812304.1, 1146.3, 2167.9, 0.0);
(398574.8, 3812326.2, 1147.1, 2167.9, 0.0); (398605.9,
3812348.4, 1147.8, 2167.9, 0.0);
(398637.0, 3812370.5, 1148.1, 2167.9, 0.0); (398668.2,
3812392.6, 1148.2, 2167.9, 0.0);
(398699.3, 3812414.8, 1147.6, 2167.9, 0.0); (397670.3,
3811686.7, 1156.9, 2167.9, 0.0);
(397636.3, 3811669.0, 1142.8, 2167.9, 0.0); (398317.5,
3810523.3, 1114.0, 2167.9, 0.0);
(398348.5, 3810545.3, 1120.8, 2167.9, 0.0); (398379.4,
3810567.3, 1131.1, 2167.9, 0.0);
(398410.3, 3810589.2, 1138.1, 2167.9, 0.0); (398441.2,
3810611.2, 1142.4, 2167.9, 0.0);
(398472.1, 3810633.2, 1148.4, 2167.9, 0.0); (398503.0,
3810655.1, 1159.3, 2167.9, 0.0);
(398533.9, 3810677.1, 1169.3, 2167.9, 0.0); (398564.8,
3810699.1, 1185.5, 2167.9, 0.0);
(398595.7, 3810721.0, 1197.5, 2167.9, 0.0); (398626.6,
3810743.0, 1190.2, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 195

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(398657.5, 3810765.0, 1185.3, 2167.9, 0.0); (398688.4,
3810786.9, 1191.0, 2167.9, 0.0);
(398719.3, 3810808.9, 1204.5, 2167.9, 0.0); (398750.2,
3810830.9, 1219.3, 2167.9, 0.0);
(398781.2, 3810852.8, 1235.5, 2167.9, 0.0); (398812.1,
3810874.8, 1246.1, 2167.9, 0.0);
(398843.0, 3810896.8, 1253.5, 2167.9, 0.0); (398873.9,
3810918.7, 1270.6, 2167.9, 0.0);
(398904.8, 3810940.7, 1292.2, 2167.9, 0.0); (398935.7,
3810962.7, 1308.2, 2167.9, 0.0);
(398966.6, 3810984.6, 1317.6, 2167.9, 0.0); (398997.5,
3811006.6, 1313.8, 2167.9, 0.0);
(399028.4, 3811028.6, 1306.7, 2167.9, 0.0); (399059.3,
3811050.5, 1299.5, 2167.9, 0.0);
(399090.2, 3811072.5, 1293.3, 2167.9, 0.0); (399121.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811094.5,  | 1285.9,    | 2167.9, | 0.0);   |       |             |
| ( 399152.0, | 3811116.4, | 1274.3, | 2167.9, | 0.0); | ( 399183.0, |
| 3811138.4,  | 1263.1,    | 2167.9, | 0.0);   |       |             |
| ( 399213.9, | 3811160.4, | 1269.5, | 2167.9, | 0.0); | ( 399244.8, |
| 3811182.3,  | 1274.5,    | 2167.9, | 0.0);   |       |             |
| ( 399275.7, | 3811204.3, | 1266.2, | 2167.9, | 0.0); | ( 399306.6, |
| 3811226.3,  | 1256.0,    | 2167.9, | 0.0);   |       |             |
| ( 399337.5, | 3811248.2, | 1256.9, | 2167.9, | 0.0); | ( 399368.4, |
| 3811270.2,  | 1251.2,    | 2167.9, | 0.0);   |       |             |
| ( 399399.3, | 3811292.2, | 1237.7, | 2167.9, | 0.0); | ( 399430.2, |
| 3811314.1,  | 1231.3,    | 2167.9, | 0.0);   |       |             |
| ( 399461.1, | 3811336.1, | 1234.4, | 2167.9, | 0.0); | ( 399492.0, |
| 3811358.1,  | 1233.6,    | 2167.9, | 0.0);   |       |             |
| ( 399522.9, | 3811380.0, | 1221.6, | 2167.9, | 0.0); | ( 399553.8, |
| 3811402.0,  | 1209.6,    | 2167.9, | 0.0);   |       |             |
| ( 398285.1, | 3810503.5, | 1112.7, | 2167.9, | 0.0); | ( 398251.1, |
| 3810485.9,  | 1113.2,    | 2167.9, | 0.0);   |       |             |
| ( 398932.4, | 3809340.3, | 1148.4, | 2167.9, | 0.0); | ( 398963.4, |
| 3809362.3,  | 1156.8,    | 2167.9, | 0.0);   |       |             |
| ( 398994.5, | 3809384.4, | 1168.1, | 2167.9, | 0.0); | ( 399025.5, |
| 3809406.4,  | 1167.7,    | 2167.9, | 0.0);   |       |             |
| ( 399056.5, | 3809428.5, | 1158.6, | 2167.9, | 0.0); | ( 399087.5, |
| 3809450.5,  | 1149.9,    | 2167.9, | 0.0);   |       |             |
| ( 399118.6, | 3809472.6, | 1150.7, | 2167.9, | 0.0); | ( 399149.6, |
| 3809494.6,  | 1156.7,    | 2167.9, | 0.0);   |       |             |
| ( 399180.6, | 3809516.7, | 1161.1, | 2167.9, | 0.0); | ( 399211.6, |
| 3809538.7,  | 1156.0,    | 2167.9, | 0.0);   |       |             |
| ( 399242.7, | 3809560.8, | 1150.8, | 2167.9, | 0.0); | ( 399273.7, |
| 3809582.8,  | 1163.2,    | 2167.9, | 0.0);   |       |             |
| ( 399304.7, | 3809604.9, | 1167.2, | 2167.9, | 0.0); | ( 399335.8, |
| 3809626.9,  | 1164.3,    | 2167.9, | 0.0);   |       |             |
| ( 399366.8, | 3809649.0, | 1162.5, | 2167.9, | 0.0); | ( 399397.8, |
| 3809671.0,  | 1162.5,    | 2167.9, | 0.0);   |       |             |
| ( 399428.8, | 3809693.1, | 1166.2, | 2167.9, | 0.0); | ( 399459.9, |
| 3809715.1,  | 1172.8,    | 2167.9, | 0.0);   |       |             |
| ( 399490.9, | 3809737.2, | 1176.2, | 2167.9, | 0.0); | ( 399521.9, |
| 3809759.2,  | 1182.5,    | 2167.9, | 0.0);   |       |             |
| ( 399552.9, | 3809781.3, | 1193.7, | 2167.9, | 0.0); | ( 399584.0, |
| 3809803.3,  | 1200.1,    | 2167.9, | 0.0);   |       |             |
| ( 399615.0, | 3809825.4, | 1201.1, | 2167.9, | 0.0); | ( 399646.0, |
| 3809847.4,  | 1200.9,    | 2167.9, | 0.0);   |       |             |
| ( 399677.0, | 3809869.5, | 1202.8, | 2167.9, | 0.0); | ( 399708.1, |
| 3809891.5,  | 1211.7,    | 2167.9, | 0.0);   |       |             |
| ( 399739.1, | 3809913.6, | 1223.1, | 2167.9, | 0.0); | ( 399770.1, |
| 3809935.6,  | 1230.8,    | 2167.9, | 0.0);   |       |             |
| ( 399801.1, | 3809957.7, | 1234.2, | 2167.9, | 0.0); | ( 399832.2, |
| 3809979.7,  | 1226.2,    | 2167.9, | 0.0);   |       |             |
| ( 399863.2, | 3810001.8, | 1236.8, | 2167.9, | 0.0); | ( 399894.2, |
| 3810023.8,  | 1250.0,    | 2167.9, | 0.0);   |       |             |
| ( 399925.2, | 3810045.9, | 1243.6, | 2167.9, | 0.0); | ( 399956.3, |

```

3810067.9, 1229.2, 2167.9, 0.0);
(399987.3, 3810090.0, 1222.0, 2167.9, 0.0); (400018.3,
3810112.0, 1220.2, 2167.9, 0.0);
(400049.3, 3810134.1, 1226.5, 2167.9, 0.0); (400080.4,
3810156.1, 1234.0, 2167.9, 0.0);
(400111.4, 3810178.2, 1244.0, 2167.9, 0.0); (400142.4,
3810200.2, 1261.3, 2167.9, 0.0);
(400173.5, 3810222.3, 1283.9, 2167.9, 0.0); (400204.5,
3810244.3, 1298.1, 2167.9, 0.0);
(400235.5, 3810266.4, 1293.4, 2167.9, 0.0); (400266.5,
3810288.4, 1286.0, 2167.9, 0.0);
(400297.6, 3810310.5, 1291.5, 2167.9, 0.0); (400328.6,
3810332.5, 1293.8, 2167.9, 0.0);
(400359.6, 3810354.6, 1304.0, 2167.9, 0.0); (400390.6,
3810376.6, 1325.8, 2167.9, 0.0);
(400421.7, 3810398.7, 1351.4, 2167.9, 0.0); (400452.7,
3810420.8, 1371.6, 2167.9, 0.0);
(398899.9, 3809320.4, 1143.8, 2167.9, 0.0); (398866.0,
3809302.8, 1138.7, 2167.9, 0.0);
(399547.3, 3808157.2, 1323.3, 2167.9, 0.0); (399578.4,
3808179.3, 1332.6, 2167.9, 0.0);
(399609.5, 3808201.4, 1337.7, 2167.9, 0.0); (399640.6,
3808223.5, 1337.8, 2167.9, 0.0);
(399671.7, 3808245.6, 1321.0, 2167.9, 0.0); (399702.8,
3808267.7, 1300.3, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 196

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(399733.9, 3808289.8, 1282.0, 2167.9, 0.0); (399765.0,
3808311.9, 1263.3, 2167.9, 0.0);
(399796.2, 3808334.1, 1252.0, 2167.9, 0.0); (399827.3,
3808356.2, 1247.8, 2167.9, 0.0);
(399858.4, 3808378.3, 1237.2, 2167.9, 0.0); (399889.5,
3808400.4, 1231.6, 2167.9, 0.0);
(399920.6, 3808422.5, 1230.1, 2167.9, 0.0); (399951.7,
3808444.6, 1226.5, 2167.9, 0.0);
(399982.8, 3808466.7, 1222.7, 2167.9, 0.0); (400013.9,
3808488.8, 1223.2, 2167.9, 0.0);
(400045.0, 3808510.9, 1226.8, 2167.9, 0.0); (400076.2,
3808533.1, 1226.7, 2167.9, 0.0);
(400107.3, 3808555.2, 1229.9, 2167.9, 0.0); (400138.4,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808577.3,  | 1235.0,    | 2167.9, | 0.0);   |       |             |
| ( 400169.5, | 3808599.4, | 1242.6, | 2167.9, | 0.0); | ( 400200.6, |
| 3808621.5,  | 1254.2,    | 2167.9, | 0.0);   |       |             |
| ( 400231.7, | 3808643.6, | 1265.9, | 2167.9, | 0.0); | ( 400262.8, |
| 3808665.7,  | 1285.2,    | 2167.9, | 0.0);   |       |             |
| ( 400293.9, | 3808687.8, | 1304.8, | 2167.9, | 0.0); | ( 400325.0, |
| 3808709.9,  | 1323.9,    | 2167.9, | 0.0);   |       |             |
| ( 400356.1, | 3808732.0, | 1331.8, | 2167.9, | 0.0); | ( 400387.3, |
| 3808754.2,  | 1344.9,    | 2167.9, | 0.0);   |       |             |
| ( 400418.4, | 3808776.3, | 1342.5, | 2167.9, | 0.0); | ( 400449.5, |
| 3808798.4,  | 1346.3,    | 2167.9, | 0.0);   |       |             |
| ( 400480.6, | 3808820.5, | 1365.9, | 2167.9, | 0.0); | ( 400511.7, |
| 3808842.6,  | 1385.8,    | 2167.9, | 0.0);   |       |             |
| ( 400542.8, | 3808864.7, | 1390.7, | 2167.9, | 0.0); | ( 400573.9, |
| 3808886.8,  | 1395.3,    | 2167.9, | 0.0);   |       |             |
| ( 400605.0, | 3808908.9, | 1396.7, | 2167.9, | 0.0); | ( 400636.1, |
| 3808931.0,  | 1390.2,    | 2167.9, | 0.0);   |       |             |
| ( 400667.3, | 3808953.2, | 1377.5, | 2167.9, | 0.0); | ( 400698.4, |
| 3808975.3,  | 1372.0,    | 2167.9, | 0.0);   |       |             |
| ( 400729.5, | 3808997.4, | 1361.3, | 2167.9, | 0.0); | ( 400760.6, |
| 3809019.5,  | 1353.8,    | 2167.9, | 0.0);   |       |             |
| ( 400791.7, | 3809041.6, | 1370.1, | 2167.9, | 0.0); | ( 400822.8, |
| 3809063.7,  | 1387.3,    | 2167.9, | 0.0);   |       |             |
| ( 400853.9, | 3809085.8, | 1406.8, | 2167.9, | 0.0); | ( 400885.0, |
| 3809107.9,  | 1429.9,    | 2167.9, | 0.0);   |       |             |
| ( 400916.1, | 3809130.0, | 1453.8, | 2167.9, | 0.0); | ( 400947.3, |
| 3809152.2,  | 1479.6,    | 2167.9, | 0.0);   |       |             |
| ( 400978.4, | 3809174.3, | 1505.2, | 2167.9, | 0.0); | ( 401009.5, |
| 3809196.4,  | 1532.1,    | 2167.9, | 0.0);   |       |             |
| ( 401040.6, | 3809218.5, | 1556.7, | 2167.9, | 0.0); | ( 401071.7, |
| 3809240.6,  | 1580.7,    | 2167.9, | 0.0);   |       |             |
| ( 401102.8, | 3809262.7, | 1604.1, | 2084.1, | 0.0); | ( 401133.9, |
| 3809284.8,  | 1620.9,    | 2084.1, | 0.0);   |       |             |
| ( 401165.0, | 3809306.9, | 1630.1, | 2084.1, | 0.0); | ( 401196.1, |
| 3809329.0,  | 1634.6,    | 1708.3, | 0.0);   |       |             |
| ( 401227.2, | 3809351.2, | 1640.1, | 1708.3, | 0.0); | ( 401258.4, |
| 3809373.3,  | 1655.3,    | 1708.3, | 0.0);   |       |             |
| ( 401289.5, | 3809395.4, | 1670.5, | 1708.3, | 0.0); | ( 401320.6, |
| 3809417.5,  | 1682.4,    | 1708.3, | 0.0);   |       |             |
| ( 401351.7, | 3809439.6, | 1687.0, | 1708.3, | 0.0); | ( 401382.8, |
| 3809461.7,  | 1677.9,    | 1708.3, | 0.0);   |       |             |
| ( 401413.9, | 3809483.8, | 1672.0, | 1708.3, | 0.0); | ( 399514.7, |
| 3808137.3,  | 1308.1,    | 2167.9, | 0.0);   |       |             |
| ( 399480.8, | 3808119.6, | 1296.6, | 2167.9, | 0.0); | ( 400162.1, |
| 3806974.1,  | 1629.5,    | 2167.9, | 0.0);   |       |             |
| ( 400193.3, | 3806996.2, | 1631.3, | 2167.9, | 0.0); | ( 400224.5, |
| 3807018.4,  | 1621.2,    | 2167.9, | 0.0);   |       |             |
| ( 400255.6, | 3807040.5, | 1602.8, | 2167.9, | 0.0); | ( 400286.8, |
| 3807062.7,  | 1578.8,    | 2167.9, | 0.0);   |       |             |
| ( 400318.0, | 3807084.8, | 1551.8, | 2167.9, | 0.0); | ( 400349.2, |

```

3807107.0, 1524.8, 2167.9, 0.0);
(400380.3, 3807129.2, 1501.2, 2167.9, 0.0); (400411.5,
3807151.3, 1495.8, 2167.9, 0.0);
(400442.7, 3807173.5, 1499.4, 2167.9, 0.0); (400473.9,
3807195.6, 1500.5, 2167.9, 0.0);
(400505.0, 3807217.8, 1494.9, 2167.9, 0.0); (400536.2,
3807239.9, 1489.1, 2167.9, 0.0);
(400567.4, 3807262.1, 1480.1, 2167.9, 0.0); (400598.6,
3807284.2, 1468.6, 2167.9, 0.0);
(400629.7, 3807306.4, 1449.2, 2167.9, 0.0); (400660.9,
3807328.6, 1426.1, 2167.9, 0.0);
(400692.1, 3807350.7, 1402.6, 2167.9, 0.0); (400723.2,
3807372.9, 1382.1, 2167.9, 0.0);
(400754.4, 3807395.0, 1364.7, 2167.9, 0.0); (400785.6,
3807417.2, 1348.5, 2167.9, 0.0);
(400816.8, 3807439.3, 1333.3, 2167.9, 0.0); (400848.0,
3807461.5, 1315.8, 2167.9, 0.0);
(400879.1, 3807483.7, 1313.1, 2167.9, 0.0); (400910.3,
3807505.8, 1317.2, 2167.9, 0.0);
(400941.5, 3807528.0, 1326.2, 2167.9, 0.0); (400972.6,
3807550.1, 1341.0, 2167.9, 0.0);
(401003.8, 3807572.3, 1346.7, 2167.9, 0.0); (401035.0,
3807594.4, 1361.6, 2167.9, 0.0);
(401066.2, 3807616.6, 1377.8, 2167.9, 0.0); (401097.3,
3807638.8, 1393.0, 2167.9, 0.0);
(401128.5, 3807660.9, 1412.8, 2167.9, 0.0); (401159.7,
3807683.1, 1431.6, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 197

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(401190.9, 3807705.2, 1447.9, 2167.9, 0.0); (401222.0,
3807727.4, 1463.0, 2167.9, 0.0);
(401253.2, 3807749.5, 1480.2, 2167.9, 0.0); (401284.4,
3807771.7, 1500.3, 2167.9, 0.0);
(401315.6, 3807793.8, 1522.3, 2167.9, 0.0); (401346.7,
3807816.0, 1542.5, 2167.9, 0.0);
(401377.9, 3807838.2, 1556.3, 2167.9, 0.0); (401409.1,
3807860.3, 1557.8, 2167.9, 0.0);
(401440.3, 3807882.5, 1541.8, 2167.9, 0.0); (401471.4,
3807904.6, 1516.3, 2167.9, 0.0);
(401502.6, 3807926.8, 1487.7, 2167.9, 0.0); (401533.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807948.9,  | 1459.8,    | 2167.9, | 0.0);   |       |             |
| ( 401565.0, | 3807971.1, | 1438.8, | 2167.9, | 0.0); | ( 401596.1, |
| 3807993.2,  | 1449.0,    | 2167.9, | 0.0);   |       |             |
| ( 401627.3, | 3808015.4, | 1471.8, | 2167.9, | 0.0); | ( 401658.5, |
| 3808037.6,  | 1491.8,    | 2167.9, | 0.0);   |       |             |
| ( 401689.7, | 3808059.7, | 1508.3, | 2167.9, | 0.0); | ( 401720.8, |
| 3808081.9,  | 1507.0,    | 2167.9, | 0.0);   |       |             |
| ( 401752.0, | 3808104.0, | 1496.9, | 2167.9, | 0.0); | ( 401783.2, |
| 3808126.2,  | 1505.8,    | 2167.9, | 0.0);   |       |             |
| ( 401814.3, | 3808148.3, | 1516.5, | 2167.9, | 0.0); | ( 401845.5, |
| 3808170.5,  | 1522.3,    | 2167.9, | 0.0);   |       |             |
| ( 401876.7, | 3808192.6, | 1543.8, | 2167.9, | 0.0); | ( 401907.9, |
| 3808214.8,  | 1572.9,    | 2167.9, | 0.0);   |       |             |
| ( 401939.0, | 3808237.0, | 1599.8, | 2167.9, | 0.0); | ( 401970.2, |
| 3808259.1,  | 1620.7,    | 2167.9, | 0.0);   |       |             |
| ( 402001.4, | 3808281.3, | 1628.9, | 2167.9, | 0.0); | ( 402032.6, |
| 3808303.4,  | 1638.8,    | 2167.9, | 0.0);   |       |             |
| ( 402063.8, | 3808325.6, | 1662.4, | 2167.9, | 0.0); | ( 402094.9, |
| 3808347.7,  | 1672.9,    | 2167.9, | 0.0);   |       |             |
| ( 402126.1, | 3808369.9, | 1668.5, | 2167.9, | 0.0); | ( 402157.3, |
| 3808392.1,  | 1658.5,    | 2167.9, | 0.0);   |       |             |
| ( 402188.4, | 3808414.2, | 1639.3, | 2167.9, | 0.0); | ( 402219.6, |
| 3808436.4,  | 1623.1,    | 2167.9, | 0.0);   |       |             |
| ( 402250.8, | 3808458.5, | 1614.2, | 2167.9, | 0.0); | ( 402282.0, |
| 3808480.7,  | 1615.6,    | 2167.9, | 0.0);   |       |             |
| ( 402313.1, | 3808502.8, | 1634.8, | 2167.9, | 0.0); | ( 402469.0, |
| 3808613.6,  | 1671.9,    | 2167.9, | 0.0);   |       |             |
| ( 400129.5, | 3806954.2, | 1623.8, | 2167.9, | 0.0); | ( 400095.6, |
| 3806936.5,  | 1634.1,    | 2167.9, | 0.0);   |       |             |
| ( 400776.9, | 3805790.9, | 1537.8, | 2167.9, | 0.0); | ( 400807.9, |
| 3805813.0,  | 1524.7,    | 2167.9, | 0.0);   |       |             |
| ( 400839.0, | 3805835.0, | 1506.9, | 2167.9, | 0.0); | ( 400870.0, |
| 3805857.1,  | 1504.0,    | 2167.9, | 0.0);   |       |             |
| ( 400901.0, | 3805879.1, | 1505.5, | 2167.9, | 0.0); | ( 400932.1, |
| 3805901.2,  | 1494.3,    | 2167.9, | 0.0);   |       |             |
| ( 400963.1, | 3805923.3, | 1495.8, | 2167.9, | 0.0); | ( 400994.2, |
| 3805945.3,  | 1504.4,    | 2167.9, | 0.0);   |       |             |
| ( 401025.2, | 3805967.4, | 1501.1, | 2167.9, | 0.0); | ( 401056.2, |
| 3805989.5,  | 1483.0,    | 2167.9, | 0.0);   |       |             |
| ( 401087.3, | 3806011.5, | 1472.6, | 2167.9, | 0.0); | ( 401118.3, |
| 3806033.6,  | 1493.3,    | 2167.9, | 0.0);   |       |             |
| ( 401149.4, | 3806055.6, | 1520.1, | 2167.9, | 0.0); | ( 401180.4, |
| 3806077.7,  | 1544.0,    | 2167.9, | 0.0);   |       |             |
| ( 401211.5, | 3806099.8, | 1554.2, | 2167.9, | 0.0); | ( 401242.5, |
| 3806121.8,  | 1545.1,    | 2167.9, | 0.0);   |       |             |
| ( 401273.5, | 3806143.9, | 1541.1, | 2167.9, | 0.0); | ( 401304.6, |
| 3806165.9,  | 1553.8,    | 2167.9, | 0.0);   |       |             |
| ( 401335.6, | 3806188.0, | 1569.7, | 2167.9, | 0.0); | ( 401366.7, |
| 3806210.1,  | 1580.8,    | 2167.9, | 0.0);   |       |             |
| ( 401397.7, | 3806232.1, | 1592.6, | 2167.9, | 0.0); | ( 401428.8, |

```

3806254.2, 1601.7, 2167.9, 0.0);
(401459.8, 3806276.3, 1608.8, 2167.9, 0.0); (401490.8,
3806298.3, 1614.7, 2167.9, 0.0);
(401521.9, 3806320.4, 1608.2, 2167.9, 0.0); (401552.9,
3806342.4, 1594.7, 2167.9, 0.0);
(401584.0, 3806364.5, 1577.5, 2167.9, 0.0); (401615.0,
3806386.6, 1564.3, 2167.9, 0.0);
(401646.0, 3806408.6, 1552.0, 2167.9, 0.0); (401677.1,
3806430.7, 1539.8, 2167.9, 0.0);
(401708.1, 3806452.8, 1522.5, 2167.9, 0.0); (401739.2,
3806474.8, 1501.2, 2167.9, 0.0);
(401770.2, 3806496.9, 1479.2, 2167.9, 0.0); (401801.3,
3806518.9, 1459.1, 2167.9, 0.0);
(401832.3, 3806541.0, 1439.7, 2167.9, 0.0); (401863.3,
3806563.1, 1446.2, 2167.9, 0.0);
(401894.4, 3806585.1, 1447.9, 2167.9, 0.0); (401925.4,
3806607.2, 1452.4, 2167.9, 0.0);
(401956.5, 3806629.3, 1463.6, 2167.9, 0.0); (401987.5,
3806651.3, 1472.9, 2167.9, 0.0);
(402018.5, 3806673.4, 1481.1, 2167.9, 0.0); (402049.6,
3806695.4, 1489.1, 2167.9, 0.0);
(402080.6, 3806717.5, 1493.5, 2167.9, 0.0); (402111.7,
3806739.6, 1485.9, 2167.9, 0.0);
(402142.7, 3806761.6, 1478.9, 2167.9, 0.0); (402173.8,
3806783.7, 1498.5, 2167.9, 0.0);
(402204.8, 3806805.8, 1519.5, 2167.9, 0.0); (402235.8,
3806827.8, 1535.4, 2167.9, 0.0);
(402266.9, 3806849.9, 1544.7, 2167.9, 0.0); (402297.9,
3806871.9, 1544.3, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 198

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(402329.0, 3806894.0, 1543.6, 2167.9, 0.0); (402360.0,
3806916.1, 1547.1, 2167.9, 0.0);
(402391.1, 3806938.1, 1551.1, 2167.9, 0.0); (402422.1,
3806960.2, 1562.4, 2167.9, 0.0);
(402453.1, 3806982.2, 1571.8, 2167.9, 0.0); (402484.2,
3807004.3, 1582.5, 2167.9, 0.0);
(402515.2, 3807026.4, 1598.1, 2167.9, 0.0); (402546.3,
3807048.4, 1619.0, 2167.9, 0.0);
(402577.3, 3807070.5, 1640.4, 2167.9, 0.0); (402608.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807092.6,  | 1654.7,    | 2167.9, | 0.0);   |       |             |
| ( 402639.4, | 3807114.6, | 1659.5, | 2167.9, | 0.0); | ( 402670.4, |
| 3807136.7,  | 1657.6,    | 2167.9, | 0.0);   |       |             |
| ( 402701.5, | 3807158.8, | 1648.5, | 2167.9, | 0.0); | ( 402732.5, |
| 3807180.8,  | 1637.5,    | 2167.9, | 0.0);   |       |             |
| ( 402763.6, | 3807202.9, | 1631.2, | 2167.9, | 0.0); | ( 402794.6, |
| 3807224.9,  | 1627.6,    | 2167.9, | 0.0);   |       |             |
| ( 402825.6, | 3807247.0, | 1617.0, | 2167.9, | 0.0); | ( 402856.7, |
| 3807269.1,  | 1605.2,    | 2167.9, | 0.0);   |       |             |
| ( 402887.7, | 3807291.1, | 1595.6, | 2167.9, | 0.0); | ( 402918.8, |
| 3807313.2,  | 1584.7,    | 2167.9, | 0.0);   |       |             |
| ( 402949.8, | 3807335.2, | 1584.0, | 2167.9, | 0.0); | ( 402980.9, |
| 3807357.3,  | 1582.7,    | 2167.9, | 0.0);   |       |             |
| ( 403011.9, | 3807379.4, | 1580.7, | 2167.9, | 0.0); | ( 403042.9, |
| 3807401.4,  | 1576.3,    | 2167.9, | 0.0);   |       |             |
| ( 403074.0, | 3807423.5, | 1580.1, | 2167.9, | 0.0); | ( 403105.0, |
| 3807445.6,  | 1580.1,    | 2167.9, | 0.0);   |       |             |
| ( 403136.1, | 3807467.6, | 1577.8, | 2167.9, | 0.0); | ( 403167.1, |
| 3807489.7,  | 1578.5,    | 2167.9, | 0.0);   |       |             |
| ( 403322.3, | 3807600.0, | 1558.7, | 2167.9, | 0.0); | ( 403353.4, |
| 3807622.1,  | 1544.0,    | 2167.9, | 0.0);   |       |             |
| ( 403384.4, | 3807644.1, | 1520.0, | 2167.9, | 0.0); | ( 400744.4, |
| 3805771.0,  | 1541.3,    | 2167.9, | 0.0);   |       |             |
| ( 400710.4, | 3805753.4, | 1542.3, | 2167.9, | 0.0); | ( 395217.6, |
| 3816228.3,  | 912.0,     | 1439.5, | 0.0);   |       |             |
| ( 395176.4, | 3816212.5, | 912.0,  | 1439.5, | 0.0); | ( 395247.2, |
| 3816212.9,  | 910.7,     | 1439.5, | 0.0);   |       |             |
| ( 395206.0, | 3816197.1, | 909.5,  | 1439.5, | 0.0); | ( 395164.8, |
| 3816181.3,  | 909.1,     | 1439.5, | 0.0);   |       |             |
| ( 395256.1, | 3816189.5, | 910.4,  | 1606.1, | 0.0); | ( 395214.9, |
| 3816173.8,  | 909.2,     | 1353.8, | 0.0);   |       |             |
| ( 395173.8, | 3816158.0, | 908.2,  | 1439.5, | 0.0); | ( 395244.5, |
| 3816158.3,  | 910.0,     | 1606.1, | 0.0);   |       |             |
| ( 395203.3, | 3816142.5, | 908.9,  | 1353.8, | 0.0); | ( 395283.0, |
| 3816119.5,  | 910.8,     | 1606.9, | 0.0);   |       |             |
| ( 395241.8, | 3816103.7, | 909.8,  | 1606.9, | 0.0); | ( 395200.6, |
| 3816087.9,  | 909.0,     | 1353.8, | 0.0);   |       |             |
| ( 395311.2, | 3816077.5, | 911.5,  | 1606.9, | 0.0); | ( 395280.3, |
| 3816064.9,  | 910.9,     | 1606.9, | 0.0);   |       |             |
| ( 395239.1, | 3816049.1, | 910.1,  | 1606.9, | 0.0); | ( 395331.7, |
| 3816031.9,  | 912.1,     | 1606.9, | 0.0);   |       |             |
| ( 395298.2, | 3816018.3, | 911.3,  | 1606.9, | 0.0); | ( 395257.0, |
| 3816002.5,  | 910.4,     | 1606.9, | 0.0);   |       |             |
| ( 395352.1, | 3815986.4, | 913.0,  | 1606.9, | 0.0); | ( 395316.1, |
| 3815971.6,  | 912.3,     | 1606.9, | 0.0);   |       |             |
| ( 395274.9, | 3815955.8, | 911.4,  | 1606.9, | 0.0); | ( 395372.6, |
| 3815940.9,  | 915.1,     | 1606.9, | 0.0);   |       |             |
| ( 395334.0, | 3815924.9, | 914.8,  | 1606.9, | 0.0); | ( 395292.8, |
| 3815909.1,  | 913.3,     | 1606.9, | 0.0);   |       |             |
| ( 395405.9, | 3815846.4, | 919.7,  | 1606.9, | 0.0); | ( 395369.8, |

```

3815831.5, 918.8, 1606.9, 0.0);
 (395328.6, 3815815.7, 917.4, 1606.9, 0.0); (395445.1,
3815754.5, 925.6, 1606.9, 0.0);
 (395405.6, 3815738.2, 924.8, 1606.9, 0.0); (395364.5,
3815722.4, 926.3, 1606.9, 0.0);
 (395478.8, 3815660.2, 932.8, 1606.9, 0.0); (395512.2,
3815675.3, 933.1, 1606.9, 0.0);
 (395441.5, 3815644.8, 933.7, 1606.9, 0.0); (395400.3,
3815629.0, 937.8, 1606.9, 0.0);
 (395517.2, 3815568.0, 942.2, 1606.9, 0.0); (395555.8,
3815585.4, 942.0, 1606.9, 0.0);
 (395477.3, 3815551.4, 946.4, 1606.9, 0.0); (395436.1,
3815535.6, 943.9, 1606.9, 0.0);
 (395551.2, 3815473.8, 952.9, 1606.9, 0.0); (395586.2,
3815489.6, 953.1, 1606.9, 0.0);
 (395513.1, 3815458.1, 952.5, 1606.9, 0.0); (395471.9,
3815442.3, 949.3, 1606.9, 0.0);
 (395642.1, 3815241.0, 970.1, 1606.9, 0.0); (395679.8,
3815258.0, 970.7, 1606.9, 0.0);
 (395717.6, 3815275.0, 971.4, 1606.9, 0.0); (395602.6,
3815224.6, 968.2, 1606.9, 0.0);
 (395561.4, 3815208.8, 961.1, 1606.9, 0.0); (395732.6,
3815008.0, 990.3, 1353.8, 0.0);
 (395772.3, 3815025.9, 992.1, 1606.1, 0.0); (395812.0,
3815043.8, 992.8, 1606.9, 0.0);
 (395692.1, 3814991.2, 986.7, 1353.8, 0.0); (395651.0,
3814975.4, 983.9, 1353.8, 0.0);
 (395820.6, 3814773.9, 1011.3, 1353.8, 0.0); (395857.2,
3814790.4, 1013.3, 1353.8, 0.0);
 (395893.8, 3814806.9, 1015.4, 1353.8, 0.0); (395930.4,
3814823.4, 1018.6, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 199

\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395781.7, 3814757.8, 1010.1, 1353.8, 0.0); (395740.5,
3814742.0, 1008.9, 1353.8, 0.0);
 (395910.8, 3814540.8, 1071.3, 1353.8, 0.0); (395948.9,
3814558.0, 1056.0, 1353.8, 0.0);
 (395987.0, 3814575.1, 1046.5, 1353.8, 0.0); (396025.1,
3814592.3, 1050.5, 1353.8, 0.0);
 (396063.3, 3814609.4, 1053.1, 1353.8, 0.0); (395871.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814524.4,  | 1079.6,    | 1353.8, | 0.0);   |       |             |
| ( 395830.0, | 3814508.6, | 1061.7, | 1353.8, | 0.0); | ( 396089.5, |
| 3814073.8,  | 1257.8,    | 1353.8, | 0.0);   |       |             |
| ( 396126.7, | 3814090.6, | 1244.1, | 1353.8, | 0.0); | ( 396163.9, |
| 3814107.3,  | 1250.3,    | 1353.8, | 0.0);   |       |             |
| ( 396201.2, | 3814124.1, | 1258.9, | 1353.8, | 0.0); | ( 396238.4, |
| 3814140.8,  | 1242.8,    | 1353.8, | 0.0);   |       |             |
| ( 396275.6, | 3814157.6, | 1219.2, | 1353.8, | 0.0); | ( 396050.2, |
| 3814057.5,  | 1274.9,    | 1353.8, | 0.0);   |       |             |
| ( 396009.1, | 3814041.8, | 1282.3, | 1319.2, | 0.0); | ( 396269.5, |
| 3813607.4,  | 1176.2,    | 1353.8, | 0.0);   |       |             |
| ( 396308.6, | 3813625.0, | 1174.9, | 1353.8, | 0.0); | ( 396347.7, |
| 3813642.6,  | 1193.6,    | 1353.8, | 0.0);   |       |             |
| ( 396386.9, | 3813660.2, | 1215.3, | 1353.8, | 0.0); | ( 396426.0, |
| 3813677.8,  | 1236.0,    | 1353.8, | 0.0);   |       |             |
| ( 396465.1, | 3813695.4, | 1249.7, | 1353.8, | 0.0); | ( 396504.3, |
| 3813713.0,  | 1267.1,    | 1353.8, | 0.0);   |       |             |
| ( 396229.3, | 3813590.7, | 1185.5, | 1353.8, | 0.0); | ( 396188.1, |
| 3813574.9,  | 1179.0,    | 1353.8, | 0.0);   |       |             |
| ( 396448.1, | 3813140.4, | 1108.0, | 1353.8, | 0.0); | ( 396486.5, |
| 3813157.6,  | 1115.3,    | 1353.8, | 0.0);   |       |             |
| ( 396524.8, | 3813174.9, | 1125.1, | 1353.8, | 0.0); | ( 396563.1, |
| 3813192.1,  | 1137.9,    | 1353.8, | 0.0);   |       |             |
| ( 396601.5, | 3813209.4, | 1152.1, | 1353.8, | 0.0); | ( 396639.8, |
| 3813226.6,  | 1167.7,    | 1353.8, | 0.0);   |       |             |
| ( 396678.1, | 3813243.9, | 1184.1, | 1353.8, | 0.0); | ( 396716.5, |
| 3813261.1,  | 1199.3,    | 1353.8, | 0.0);   |       |             |
| ( 396754.8, | 3813278.4, | 1215.5, | 1353.8, | 0.0); | ( 396408.4, |
| 3813123.9,  | 1102.1,    | 1353.8, | 0.0);   |       |             |
| ( 396367.2, | 3813108.1, | 1096.3, | 1353.8, | 0.0); | ( 396627.8, |
| 3812673.8,  | 1115.7,    | 1759.6, | 0.0);   |       |             |
| ( 396667.5, | 3812691.7, | 1124.6, | 1759.6, | 0.0); | ( 396707.1, |
| 3812709.5,  | 1120.5,    | 1759.6, | 0.0);   |       |             |
| ( 396746.8, | 3812727.4, | 1105.2, | 1759.6, | 0.0); | ( 396786.5, |
| 3812745.2,  | 1105.8,    | 1759.6, | 0.0);   |       |             |
| ( 396826.1, | 3812763.0, | 1114.5, | 1759.6, | 0.0); | ( 396865.8, |
| 3812780.9,  | 1125.3,    | 1759.6, | 0.0);   |       |             |
| ( 396905.4, | 3812798.7, | 1135.5, | 1708.3, | 0.0); | ( 396945.1, |
| 3812816.5,  | 1151.1,    | 1353.8, | 0.0);   |       |             |
| ( 396984.7, | 3812834.4, | 1160.3, | 1353.8, | 0.0); | ( 396587.4, |
| 3812657.0,  | 1106.0,    | 1759.6, | 0.0);   |       |             |
| ( 396546.2, | 3812641.2, | 1107.4, | 1759.6, | 0.0); | ( 397105.3, |
| 3811428.9,  | 1067.1,    | 2167.9, | 0.0);   |       |             |
| ( 397144.8, | 3811446.7, | 1071.8, | 2167.9, | 0.0); | ( 397184.4, |
| 3811464.5,  | 1075.4,    | 2167.9, | 0.0);   |       |             |
| ( 397223.9, | 3811482.3, | 1076.3, | 2167.9, | 0.0); | ( 397263.5, |
| 3811500.1,  | 1078.1,    | 2167.9, | 0.0);   |       |             |
| ( 397303.0, | 3811517.9, | 1078.0, | 2167.9, | 0.0); | ( 397342.5, |
| 3811535.7,  | 1082.2,    | 2167.9, | 0.0);   |       |             |
| ( 397382.1, | 3811553.4, | 1085.4, | 2167.9, | 0.0); | ( 397421.6, |

```

3811571.2, 1093.9, 2167.9, 0.0);
(397461.2, 3811589.0, 1103.7, 2167.9, 0.0); (397500.7,
3811606.8, 1104.0, 2167.9, 0.0);
(397540.3, 3811624.6, 1109.0, 2167.9, 0.0); (397579.8,
3811642.4, 1117.4, 2167.9, 0.0);
(397064.9, 3811412.1, 1071.4, 2167.9, 0.0); (397023.8,
3811396.3, 1078.3, 2167.9, 0.0);
(397582.8, 3810184.0, 1075.0, 2167.9, 0.0); (397622.2,
3810201.8, 1074.7, 2167.9, 0.0);
(397661.7, 3810219.5, 1070.9, 2167.9, 0.0); (397701.2,
3810237.3, 1068.7, 2167.9, 0.0);
(397740.7, 3810255.0, 1067.9, 2167.9, 0.0); (397780.1,
3810272.8, 1073.1, 2167.9, 0.0);
(397819.6, 3810290.6, 1069.0, 2167.9, 0.0); (397859.1,
3810308.3, 1071.8, 2167.9, 0.0);
(397898.6, 3810326.1, 1079.2, 2167.9, 0.0); (397938.1,
3810343.9, 1083.5, 2167.9, 0.0);
(397977.5, 3810361.6, 1087.6, 2167.9, 0.0); (398017.0,
3810379.4, 1093.5, 2167.9, 0.0);
(398056.5, 3810397.1, 1098.1, 2167.9, 0.0); (398096.0,
3810414.9, 1102.3, 2167.9, 0.0);
(398135.5, 3810432.7, 1105.7, 2167.9, 0.0); (398174.9,
3810450.4, 1108.3, 2167.9, 0.0);
(398214.4, 3810468.2, 1110.9, 2167.9, 0.0); (397542.4,
3810167.2, 1078.3, 2167.9, 0.0);
(397501.2, 3810151.4, 1075.7, 2167.9, 0.0); (398060.2,
3808939.1, 1173.4, 2167.9, 0.0);
(398099.7, 3808956.8, 1177.9, 2167.9, 0.0); (398139.1,
3808974.6, 1178.2, 2167.9, 0.0);
(398178.5, 3808992.3, 1173.8, 2167.9, 0.0); (398218.0,
3809010.1, 1167.9, 2167.9, 0.0);
(398257.4, 3809027.8, 1165.4, 2167.9, 0.0); (398296.8,
3809045.5, 1161.0, 2167.9, 0.0);

```

```

*** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 200

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(398336.3, 3809063.3, 1155.9, 2167.9, 0.0); (398375.7,
3809081.0, 1150.5, 2167.9, 0.0);
(398415.2, 3809098.8, 1153.6, 2167.9, 0.0); (398454.6,
3809116.5, 1156.1, 2167.9, 0.0);
(398494.0, 3809134.3, 1160.1, 2167.9, 0.0); (398533.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809152.0,  | 1162.6,    | 2167.9, | 0.0);   |       |             |
| ( 398572.9, | 3809169.7, | 1162.7, | 2167.9, | 0.0); | ( 398612.3, |
| 3809187.5,  | 1164.0,    | 2167.9, | 0.0);   |       |             |
| ( 398651.8, | 3809205.2, | 1168.2, | 2167.9, | 0.0); | ( 398691.2, |
| 3809223.0,  | 1171.9,    | 2167.9, | 0.0);   |       |             |
| ( 398730.7, | 3809240.7, | 1167.0, | 2167.9, | 0.0); | ( 398770.1, |
| 3809258.4,  | 1160.0,    | 2167.9, | 0.0);   |       |             |
| ( 398809.5, | 3809276.2, | 1151.4, | 2167.9, | 0.0); | ( 398019.9, |
| 3808922.3,  | 1176.0,    | 2167.9, | 0.0);   |       |             |
| ( 397978.7, | 3808906.5, | 1175.4, | 2167.9, | 0.0); | ( 398537.7, |
| 3807694.2,  | 1397.9,    | 2167.9, | 0.0);   |       |             |
| ( 398577.1, | 3807711.9, | 1377.1, | 2167.9, | 0.0); | ( 398616.5, |
| 3807729.6,  | 1375.7,    | 2167.9, | 0.0);   |       |             |
| ( 398655.9, | 3807747.4, | 1389.7, | 2167.9, | 0.0); | ( 398695.3, |
| 3807765.1,  | 1382.4,    | 2167.9, | 0.0);   |       |             |
| ( 398734.7, | 3807782.8, | 1377.0, | 2167.9, | 0.0); | ( 398774.1, |
| 3807800.6,  | 1400.8,    | 2167.9, | 0.0);   |       |             |
| ( 398813.6, | 3807818.3, | 1423.6, | 2167.9, | 0.0); | ( 398853.0, |
| 3807836.0,  | 1443.0,    | 2167.9, | 0.0);   |       |             |
| ( 398892.4, | 3807853.8, | 1448.4, | 2167.9, | 0.0); | ( 398931.8, |
| 3807871.5,  | 1451.9,    | 2167.9, | 0.0);   |       |             |
| ( 398971.2, | 3807889.2, | 1465.6, | 2167.9, | 0.0); | ( 399010.6, |
| 3807906.9,  | 1464.4,    | 2167.9, | 0.0);   |       |             |
| ( 399050.0, | 3807924.7, | 1446.3, | 2167.9, | 0.0); | ( 399089.4, |
| 3807942.4,  | 1425.2,    | 2167.9, | 0.0);   |       |             |
| ( 399128.8, | 3807960.1, | 1408.8, | 2167.9, | 0.0); | ( 399168.2, |
| 3807977.8,  | 1390.9,    | 2167.9, | 0.0);   |       |             |
| ( 399207.6, | 3807995.6, | 1374.9, | 2167.9, | 0.0); | ( 399247.0, |
| 3808013.3,  | 1362.5,    | 2167.9, | 0.0);   |       |             |
| ( 399286.5, | 3808031.0, | 1350.7, | 2167.9, | 0.0); | ( 399325.9, |
| 3808048.8,  | 1333.2,    | 2167.9, | 0.0);   |       |             |
| ( 399365.3, | 3808066.5, | 1303.6, | 2167.9, | 0.0); | ( 399404.7, |
| 3808084.2,  | 1288.0,    | 2167.9, | 0.0);   |       |             |
| ( 399444.1, | 3808101.9, | 1294.9, | 2167.9, | 0.0); | ( 398497.4, |
| 3807677.4,  | 1409.2,    | 2167.9, | 0.0);   |       |             |
| ( 398456.2, | 3807661.6, | 1438.0, | 2167.9, | 0.0); | ( 399015.5, |
| 3806449.4,  | 1596.1,    | 2084.1, | 0.0);   |       |             |
| ( 399055.7, | 3806467.5, | 1607.6, | 2084.1, | 0.0); | ( 399095.8, |
| 3806485.5,  | 1615.0,    | 2084.1, | 0.0);   |       |             |
| ( 399135.9, | 3806503.6, | 1636.1, | 2060.8, | 0.0); | ( 399176.0, |
| 3806521.6,  | 1657.7,    | 2002.8, | 0.0);   |       |             |
| ( 399216.1, | 3806539.7, | 1675.6, | 1759.6, | 0.0); | ( 399256.2, |
| 3806557.7,  | 1675.3,    | 1759.6, | 0.0);   |       |             |
| ( 399296.4, | 3806575.8, | 1665.8, | 1759.6, | 0.0); | ( 399336.5, |
| 3806593.8,  | 1650.5,    | 2060.8, | 0.0);   |       |             |
| ( 399376.6, | 3806611.9, | 1644.1, | 2084.1, | 0.0); | ( 399416.7, |
| 3806629.9,  | 1650.4,    | 2084.1, | 0.0);   |       |             |
| ( 399456.8, | 3806648.0, | 1650.9, | 2084.1, | 0.0); | ( 399496.9, |
| 3806666.0,  | 1649.6,    | 2084.1, | 0.0);   |       |             |
| ( 399537.0, | 3806684.1, | 1647.5, | 2084.1, | 0.0); | ( 399577.2, |

```

3806702.1, 1648.5, 2084.1, 0.0);
(399617.3, 3806720.1, 1658.4, 2084.1, 0.0); (399657.4,
3806738.2, 1667.9, 2084.1, 0.0);
(399697.5, 3806756.2, 1677.2, 2060.8, 0.0); (399737.6,
3806774.3, 1678.0, 2084.1, 0.0);
(399777.7, 3806792.3, 1668.7, 2084.1, 0.0); (399817.8,
3806810.4, 1652.8, 2084.1, 0.0);
(399858.0, 3806828.4, 1642.7, 2084.1, 0.0); (399898.1,
3806846.5, 1644.9, 2084.1, 0.0);
(399938.2, 3806864.5, 1646.9, 2084.9, 0.0); (399978.3,
3806882.6, 1647.4, 2084.9, 0.0);
(400018.4, 3806900.6, 1637.0, 2167.9, 0.0); (400058.5,
3806918.7, 1635.8, 2167.9, 0.0);
(398974.9, 3806432.5, 1569.0, 2084.1, 0.0); (398933.7,
3806416.7, 1574.8, 2084.1, 0.0);
(399493.0, 3805204.5, 1317.4, 2167.9, 0.0); (399533.0,
3805222.5, 1338.7, 2167.9, 0.0);
(399573.0, 3805240.5, 1344.8, 2167.9, 0.0); (399613.0,
3805258.5, 1346.7, 2167.9, 0.0);
(399653.0, 3805276.5, 1341.2, 2167.9, 0.0); (399693.1,
3805294.5, 1347.5, 2167.9, 0.0);
(399733.1, 3805312.5, 1345.9, 2167.9, 0.0); (399773.1,
3805330.5, 1341.9, 2167.9, 0.0);
(399813.1, 3805348.5, 1346.5, 2167.9, 0.0); (399853.1,
3805366.5, 1353.8, 2167.9, 0.0);
(399893.1, 3805384.5, 1362.7, 2167.9, 0.0); (399933.1,
3805402.5, 1369.2, 2167.9, 0.0);
(399973.2, 3805420.5, 1383.8, 2167.9, 0.0); (400013.2,
3805438.5, 1379.5, 2167.9, 0.0);
(400053.2, 3805456.5, 1370.6, 2167.9, 0.0); (400093.2,
3805474.5, 1370.0, 2167.9, 0.0);
(400133.2, 3805492.5, 1377.7, 2167.9, 0.0); (400173.2,
3805510.5, 1390.3, 2167.9, 0.0);
(400213.2, 3805528.5, 1404.2, 2167.9, 0.0); (400253.3,
3805546.5, 1419.6, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 201

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(400293.3, 3805564.5, 1427.5, 2167.9, 0.0); (400333.3,
3805582.5, 1431.5, 2167.9, 0.0);
(400373.3, 3805600.6, 1444.0, 2167.9, 0.0); (400413.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805618.6,  | 1471.4,    | 2167.9, | 0.0);   |       |             |
| ( 400453.3, | 3805636.6, | 1498.7, | 2167.9, | 0.0); | ( 400493.3, |
| 3805654.6,  | 1513.1,    | 2167.9, | 0.0);   |       |             |
| ( 400533.4, | 3805672.6, | 1522.6, | 2167.9, | 0.0); | ( 400573.4, |
| 3805690.6,  | 1530.6,    | 2167.9, | 0.0);   |       |             |
| ( 400613.4, | 3805708.6, | 1539.3, | 2167.9, | 0.0); | ( 400653.4, |
| 3805726.6,  | 1544.6,    | 2167.9, | 0.0);   |       |             |
| ( 399452.4, | 3805187.6, | 1315.6, | 2167.9, | 0.0); | ( 399411.2, |
| 3805171.8,  | 1338.5,    | 2167.9, | 0.0);   |       |             |
| ( 395151.3, | 3816203.4, | 912.0,  | 1439.5, | 0.0); | ( 395128.1, |
| 3816199.2,  | 912.9,     | 1439.5, | 0.0);   |       |             |
| ( 395105.0, | 3816195.1, | 915.5,  | 1353.8, | 0.0); | ( 395081.8, |
| 3816191.0,  | 917.6,     | 1353.8, | 0.0);   |       |             |
| ( 395058.7, | 3816186.8, | 916.7,  | 1353.8, | 0.0); | ( 395035.5, |
| 3816182.7,  | 914.4,     | 1439.5, | 0.0);   |       |             |
| ( 395012.4, | 3816178.6, | 912.6,  | 1439.5, | 0.0); | ( 394989.2, |
| 3816174.4,  | 911.3,     | 1439.5, | 0.0);   |       |             |
| ( 394966.1, | 3816170.3, | 910.6,  | 1439.5, | 0.0); | ( 394943.0, |
| 3816166.2,  | 909.8,     | 1439.5, | 0.0);   |       |             |
| ( 395132.5, | 3816174.6, | 909.5,  | 1439.5, | 0.0); | ( 395109.4, |
| 3816170.5,  | 911.2,     | 1439.5, | 0.0);   |       |             |
| ( 395086.2, | 3816166.4, | 913.6,  | 1353.8, | 0.0); | ( 395063.1, |
| 3816162.2,  | 914.7,     | 1353.8, | 0.0);   |       |             |
| ( 395039.9, | 3816158.1, | 914.4,  | 1353.8, | 0.0); | ( 395016.8, |
| 3816154.0,  | 913.6,     | 1439.5, | 0.0);   |       |             |
| ( 394993.6, | 3816149.8, | 913.1,  | 1439.5, | 0.0); | ( 394970.5, |
| 3816145.7,  | 912.6,     | 1439.5, | 0.0);   |       |             |
| ( 394947.3, | 3816141.6, | 910.1,  | 1439.5, | 0.0); | ( 395136.9, |
| 3816150.0,  | 907.7,     | 1439.5, | 0.0);   |       |             |
| ( 395113.8, | 3816145.9, | 907.9,  | 1439.5, | 0.0); | ( 395090.6, |
| 3816141.8,  | 908.9,     | 1439.5, | 0.0);   |       |             |
| ( 395067.5, | 3816137.6, | 911.1,  | 1426.7, | 0.0); | ( 395044.3, |
| 3816133.5,  | 913.1,     | 1353.8, | 0.0);   |       |             |
| ( 395021.2, | 3816129.3, | 914.2,  | 1353.8, | 0.0); | ( 394998.0, |
| 3816125.2,  | 914.9,     | 1353.8, | 0.0);   |       |             |
| ( 394974.9, | 3816121.1, | 915.1,  | 1353.8, | 0.0); | ( 394951.7, |
| 3816116.9,  | 911.9,     | 1439.5, | 0.0);   |       |             |
| ( 395164.5, | 3816129.5, | 907.8,  | 1353.8, | 0.0); | ( 395141.3, |
| 3816125.4,  | 907.2,     | 1426.7, | 0.0);   |       |             |
| ( 395118.2, | 3816121.3, | 906.7,  | 1439.5, | 0.0); | ( 395095.0, |
| 3816117.1,  | 906.6,     | 1439.5, | 0.0);   |       |             |
| ( 395071.9, | 3816113.0, | 907.1,  | 1439.5, | 0.0); | ( 395048.7, |
| 3816108.9,  | 909.0,     | 1426.7, | 0.0);   |       |             |
| ( 395025.6, | 3816104.7, | 912.0,  | 1353.8, | 0.0); | ( 395002.4, |
| 3816100.6,  | 914.2,     | 1353.8, | 0.0);   |       |             |
| ( 394979.3, | 3816096.5, | 915.2,  | 1353.8, | 0.0); | ( 394956.1, |
| 3816092.3,  | 913.9,     | 1353.8, | 0.0);   |       |             |
| ( 395173.3, | 3816080.3, | 908.4,  | 1353.8, | 0.0); | ( 395150.1, |
| 3816076.2,  | 907.8,     | 1353.8, | 0.0);   |       |             |
| ( 395127.0, | 3816072.1, | 907.1,  | 1353.8, | 0.0); | ( 395103.8, |

```

3816067.9, 906.2, 1353.8, 0.0);
 (395080.7, 3816063.8, 905.6, 1353.8, 0.0); (395057.5,
3816059.6, 905.1, 1353.8, 0.0);
 (395034.4, 3816055.5, 905.0, 1353.8, 0.0); (395011.2,
3816051.4, 905.6, 1353.8, 0.0);
 (394988.1, 3816047.2, 907.6, 1353.8, 0.0); (394964.9,
3816043.1, 909.1, 1353.8, 0.0);
 (395200.3, 3816036.2, 909.0, 1606.1, 0.0); (395158.9,
3816027.0, 907.8, 1353.8, 0.0);
 (395135.8, 3816022.8, 907.2, 1353.8, 0.0); (395112.6,
3816018.7, 906.7, 1353.8, 0.0);
 (395089.5, 3816014.6, 906.2, 1353.8, 0.0); (395066.3,
3816010.4, 905.5, 1353.8, 0.0);
 (395043.2, 3816006.3, 904.8, 1353.8, 0.0); (395020.0,
3816002.2, 904.2, 1353.8, 0.0);
 (394996.9, 3815998.0, 903.6, 1353.8, 0.0); (394973.7,
3815993.9, 903.1, 1353.8, 0.0);
 (395206.0, 3815986.1, 909.4, 1606.9, 0.0); (395167.7,
3815977.8, 908.7, 1606.1, 0.0);
 (395144.5, 3815973.6, 908.3, 1353.8, 0.0); (395121.4,
3815969.5, 907.7, 1353.8, 0.0);
 (395098.2, 3815965.3, 906.8, 1353.8, 0.0); (395075.1,
3815961.2, 906.1, 1353.8, 0.0);
 (395052.0, 3815957.1, 905.4, 1353.8, 0.0); (395028.8,
3815952.9, 904.8, 1353.8, 0.0);
 (395005.6, 3815948.8, 904.2, 1353.8, 0.0); (394982.5,
3815944.7, 903.6, 1353.8, 0.0);
 (395217.9, 3815937.7, 910.5, 1606.9, 0.0); (395176.5,
3815928.5, 910.1, 1606.1, 0.0);
 (395153.3, 3815924.4, 909.7, 1353.8, 0.0); (395130.2,
3815920.3, 909.0, 1353.8, 0.0);
 (395107.0, 3815916.1, 908.2, 1353.8, 0.0); (395083.9,
3815912.0, 907.5, 1353.8, 0.0);
 (395060.7, 3815907.9, 906.8, 1353.8, 0.0); (395037.6,
3815903.7, 906.1, 1353.8, 0.0);
 (395014.4, 3815899.6, 905.4, 1353.8, 0.0); (394991.3,
3815895.4, 904.7, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 202

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395229.7, 3815889.4, 912.1, 1606.9, 0.0); (395185.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815879.3,  | 912.1,     | 1606.9, | 0.0);   |       |             |
| ( 395162.1, | 3815875.2, | 911.7,  | 1606.1, | 0.0); | ( 395139.0, |
| 3815871.0,  | 910.8,     | 1353.8, | 0.0);   |       |             |
| ( 395115.8, | 3815866.9, | 909.9,  | 1353.8, | 0.0); | ( 395092.7, |
| 3815862.8,  | 909.1,     | 1353.8, | 0.0);   |       |             |
| ( 395069.5, | 3815858.6, | 908.4,  | 1353.8, | 0.0); | ( 395046.4, |
| 3815854.5,  | 907.7,     | 1353.8, | 0.0);   |       |             |
| ( 395023.2, | 3815850.4, | 907.2,  | 1353.8, | 0.0); | ( 395000.1, |
| 3815846.2,  | 906.3,     | 1353.8, | 0.0);   |       |             |
| ( 395246.5, | 3815790.7, | 916.6,  | 1606.9, | 0.0); | ( 395287.5, |
| 3815802.1,  | 916.7,     | 1606.9, | 0.0);   |       |             |
| ( 395202.9, | 3815780.9, | 916.3,  | 1606.9, | 0.0); | ( 395179.7, |
| 3815776.7,  | 915.6,     | 1606.1, | 0.0);   |       |             |
| ( 395156.6, | 3815772.6, | 914.6,  | 1353.8, | 0.0); | ( 395133.4, |
| 3815768.5,  | 913.9,     | 1353.8, | 0.0);   |       |             |
| ( 395110.3, | 3815764.3, | 913.1,  | 1353.8, | 0.0); | ( 395087.1, |
| 3815760.2,  | 912.2,     | 1353.8, | 0.0);   |       |             |
| ( 395064.0, | 3815756.1, | 911.3,  | 1353.8, | 0.0); | ( 395040.8, |
| 3815751.9,  | 910.3,     | 1353.8, | 0.0);   |       |             |
| ( 395017.7, | 3815747.8, | 909.6,  | 1353.8, | 0.0); | ( 395263.6, |
| 3815692.1,  | 922.1,     | 1606.9, | 0.0);   |       |             |
| ( 395303.8, | 3815703.3, | 923.7,  | 1606.9, | 0.0); | ( 395220.5, |
| 3815682.4,  | 920.6,     | 1606.9, | 0.0);   |       |             |
| ( 395197.3, | 3815678.3, | 920.0,  | 1606.1, | 0.0); | ( 395174.1, |
| 3815674.1,  | 919.0,     | 1606.1, | 0.0);   |       |             |
| ( 395151.0, | 3815670.0, | 917.8,  | 1353.8, | 0.0); | ( 395127.8, |
| 3815665.9,  | 916.4,     | 1353.8, | 0.0);   |       |             |
| ( 395104.7, | 3815661.8, | 915.3,  | 1353.8, | 0.0); | ( 395081.5, |
| 3815657.6,  | 914.6,     | 1353.8, | 0.0);   |       |             |
| ( 395058.4, | 3815653.5, | 914.6,  | 1353.8, | 0.0); | ( 395035.2, |
| 3815649.3,  | 914.7,     | 1353.8, | 0.0);   |       |             |
| ( 395280.9, | 3815593.6, | 927.2,  | 1606.9, | 0.0); | ( 395320.4, |
| 3815604.6,  | 930.9,     | 1606.9, | 0.0);   |       |             |
| ( 395359.9, | 3815615.6, | 931.7,  | 1606.9, | 0.0); | ( 395238.0, |
| 3815584.0,  | 929.6,     | 1353.8, | 0.0);   |       |             |
| ( 395214.9, | 3815579.8, | 931.9,  | 1353.8, | 0.0); | ( 395191.7, |
| 3815575.7,  | 932.0,     | 1353.8, | 0.0);   |       |             |
| ( 395168.6, | 3815571.6, | 928.8,  | 1353.8, | 0.0); | ( 395145.4, |
| 3815567.4,  | 924.2,     | 1353.8, | 0.0);   |       |             |
| ( 395122.3, | 3815563.3, | 921.9,  | 1353.8, | 0.0); | ( 395099.1, |
| 3815559.2,  | 920.7,     | 1353.8, | 0.0);   |       |             |
| ( 395076.0, | 3815555.0, | 920.1,  | 1353.8, | 0.0); | ( 395052.8, |
| 3815550.9,  | 919.4,     | 1353.8, | 0.0);   |       |             |
| ( 395298.3, | 3815495.1, | 936.0,  | 1353.8, | 0.0); | ( 395337.4, |
| 3815506.0,  | 933.0,     | 1606.9, | 0.0);   |       |             |
| ( 395376.4, | 3815516.9, | 938.7,  | 1606.9, | 0.0); | ( 395255.6, |
| 3815485.5,  | 941.0,     | 1353.8, | 0.0);   |       |             |
| ( 395232.5, | 3815481.4, | 939.4,  | 1353.8, | 0.0); | ( 395209.3, |
| 3815477.3,  | 935.9,     | 1353.8, | 0.0);   |       |             |
| ( 395186.2, | 3815473.1, | 933.1,  | 1353.8, | 0.0); | ( 395163.0, |

```

3815469.0, 930.4, 1353.8, 0.0);
 (395139.9, 3815464.9, 926.8, 1353.8, 0.0); (395116.7,
3815460.7, 926.3, 1353.8, 0.0);
 (395093.6, 3815456.6, 928.4, 1353.8, 0.0); (395070.4,
3815452.5, 931.7, 1353.8, 0.0);
 (395318.5, 3815397.4, 949.2, 1353.8, 0.0); (395340.6,
3815403.5, 947.7, 1353.8, 0.0);
 (395362.8, 3815409.7, 944.2, 1606.1, 0.0); (395384.9,
3815415.9, 940.8, 1606.9, 0.0);
 (395407.0, 3815422.0, 939.9, 1606.9, 0.0); (395429.2,
3815428.2, 942.8, 1606.9, 0.0);
 (395296.3, 3815391.2, 948.6, 1353.8, 0.0); (395273.2,
3815387.1, 947.3, 1353.8, 0.0);
 (395250.0, 3815383.0, 946.5, 1353.8, 0.0); (395226.9,
3815378.8, 942.6, 1353.8, 0.0);
 (395203.7, 3815374.7, 936.1, 1353.8, 0.0); (395180.6,
3815370.6, 933.1, 1353.8, 0.0);
 (395157.4, 3815366.4, 935.5, 1353.8, 0.0); (395134.3,
3815362.3, 940.0, 1353.8, 0.0);
 (395111.1, 3815358.1, 942.3, 1353.8, 0.0); (395088.0,
3815354.0, 941.7, 1353.8, 0.0);
 (395362.6, 3815151.3, 963.0, 1353.8, 0.0); (395384.9,
3815157.5, 966.6, 1353.8, 0.0);
 (395407.1, 3815163.7, 967.4, 1353.8, 0.0); (395429.4,
3815169.9, 967.6, 1353.8, 0.0);
 (395451.7, 3815176.1, 967.7, 1353.8, 0.0); (395474.0,
3815182.3, 967.7, 1353.8, 0.0);
 (395496.3, 3815188.5, 967.7, 1353.8, 0.0); (395518.5,
3815194.7, 966.6, 1353.8, 0.0);
 (395340.3, 3815145.1, 956.5, 1353.8, 0.0); (395317.1,
3815141.0, 952.8, 1353.8, 0.0);
 (395294.0, 3815136.8, 957.4, 1353.8, 0.0); (395270.8,
3815132.7, 963.4, 1353.8, 0.0);
 (395247.7, 3815128.6, 964.7, 1353.8, 0.0); (395224.5,
3815124.4, 962.8, 1353.8, 0.0);
 (395201.4, 3815120.3, 958.7, 1353.8, 0.0); (395178.2,
3815116.2, 955.3, 1353.8, 0.0);
 (395155.1, 3815112.0, 953.3, 1353.8, 0.0); (395131.9,
3815107.9, 951.9, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 203

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 395406.6, 3814905.2, 983.4, 1353.8,  | 0.0); | ( 395429.0, |
| 3814911.5, 985.2, 1353.8, 0.0);        |       |             |
| ( 395451.4, 3814917.7, 986.2, 1353.8,  | 0.0); | ( 395473.7, |
| 3814923.9, 987.6, 1353.8, 0.0);        |       |             |
| ( 395496.1, 3814930.2, 988.4, 1353.8,  | 0.0); | ( 395518.5, |
| 3814936.4, 989.0, 1353.8, 0.0);        |       |             |
| ( 395540.9, 3814942.6, 988.9, 1353.8,  | 0.0); | ( 395563.2, |
| 3814948.8, 988.7, 1353.8, 0.0);        |       |             |
| ( 395585.6, 3814955.1, 988.7, 1353.8,  | 0.0); | ( 395608.0, |
| 3814961.3, 988.5, 1353.8, 0.0);        |       |             |
| ( 395384.2, 3814899.0, 981.0, 1353.8,  | 0.0); | ( 395361.1, |
| 3814894.9, 982.7, 1353.8, 0.0);        |       |             |
| ( 395338.0, 3814890.8, 988.4, 1353.8,  | 0.0); | ( 395314.8, |
| 3814886.6, 996.0, 1353.8, 0.0);        |       |             |
| ( 395291.6, 3814882.5, 1003.2, 1353.8, | 0.0); | ( 395268.5, |
| 3814878.3, 1010.7, 1353.8, 0.0);       |       |             |
| ( 395245.3, 3814874.2, 1017.3, 1353.8, | 0.0); | ( 395222.2, |
| 3814870.1, 1021.6, 1353.8, 0.0);       |       |             |
| ( 395199.0, 3814865.9, 1024.1, 1353.8, | 0.0); | ( 395175.9, |
| 3814861.8, 1024.1, 1353.8, 0.0);       |       |             |
| ( 395450.6, 3814659.2, 1010.3, 1353.8, | 0.0); | ( 395473.1, |
| 3814665.4, 1010.8, 1353.8, 0.0);       |       |             |
| ( 395495.5, 3814671.6, 1009.8, 1353.8, | 0.0); | ( 395518.0, |
| 3814677.9, 1008.6, 1353.8, 0.0);       |       |             |
| ( 395540.4, 3814684.1, 1007.9, 1353.8, | 0.0); | ( 395562.8, |
| 3814690.4, 1009.9, 1353.8, 0.0);       |       |             |
| ( 395585.3, 3814696.6, 1011.5, 1353.8, | 0.0); | ( 395607.7, |
| 3814702.9, 1012.3, 1353.8, 0.0);       |       |             |
| ( 395630.1, 3814709.1, 1012.1, 1353.8, | 0.0); | ( 395652.6, |
| 3814715.4, 1010.7, 1353.8, 0.0);       |       |             |
| ( 395675.0, 3814721.6, 1010.3, 1353.8, | 0.0); | ( 395697.5, |
| 3814727.9, 1011.7, 1353.8, 0.0);       |       |             |
| ( 395428.2, 3814652.9, 1011.1, 1353.8, | 0.0); | ( 395405.0, |
| 3814648.8, 1014.0, 1353.8, 0.0);       |       |             |
| ( 395381.9, 3814644.6, 1018.9, 1353.8, | 0.0); | ( 395358.8, |
| 3814640.5, 1023.9, 1353.8, 0.0);       |       |             |
| ( 395335.6, 3814636.4, 1029.2, 1353.8, | 0.0); | ( 395312.5, |
| 3814632.2, 1033.4, 1353.8, 0.0);       |       |             |
| ( 395289.3, 3814628.1, 1037.3, 1353.8, | 0.0); | ( 395266.1, |
| 3814624.0, 1044.0, 1353.8, 0.0);       |       |             |
| ( 395243.0, 3814619.8, 1055.0, 1353.8, | 0.0); | ( 395219.8, |
| 3814615.7, 1066.8, 1353.8, 0.0);       |       |             |
| ( 395494.6, 3814413.1, 1076.6, 1353.8, | 0.0); | ( 395517.1, |
| 3814419.3, 1071.1, 1353.8, 0.0);       |       |             |
| ( 395539.6, 3814425.6, 1064.3, 1353.8, | 0.0); | ( 395562.1, |
| 3814431.8, 1057.7, 1353.8, 0.0);       |       |             |
| ( 395584.6, 3814438.1, 1051.6, 1353.8, | 0.0); | ( 395607.1, |
| 3814444.4, 1047.3, 1353.8, 0.0);       |       |             |
| ( 395629.5, 3814450.6, 1044.2, 1353.8, | 0.0); | ( 395652.0, |

```

3814456.9, 1042.3, 1353.8, 0.0);
(395674.5, 3814463.1, 1042.7, 1353.8, 0.0); (395697.0,
3814469.4, 1043.3, 1353.8, 0.0);
(395719.5, 3814475.6, 1043.4, 1353.8, 0.0); (395742.0,
3814481.9, 1042.5, 1353.8, 0.0);
(395764.5, 3814488.2, 1040.6, 1353.8, 0.0); (395786.9,
3814494.4, 1043.4, 1353.8, 0.0);
(395472.1, 3814406.8, 1085.0, 1353.8, 0.0); (395449.0,
3814402.7, 1093.7, 1353.8, 0.0);
(395425.8, 3814398.5, 1101.8, 1353.8, 0.0); (395402.7,
3814394.4, 1108.9, 1353.8, 0.0);
(395379.5, 3814390.3, 1117.1, 1353.8, 0.0); (395356.4,
3814386.1, 1128.1, 1353.8, 0.0);
(395333.2, 3814382.0, 1140.7, 1353.8, 0.0); (395310.1,
3814377.9, 1153.3, 1353.8, 0.0);
(395287.0, 3814373.7, 1167.7, 1353.8, 0.0); (395263.8,
3814369.6, 1181.4, 1353.8, 0.0);
(395582.6, 3813920.9, 1092.1, 1353.8, 0.0); (395605.2,
3813927.1, 1101.2, 1353.8, 0.0);
(395627.7, 3813933.4, 1111.3, 1353.8, 0.0); (395650.2,
3813939.7, 1122.2, 1353.8, 0.0);
(395672.8, 3813946.0, 1133.5, 1353.8, 0.0); (395695.3,
3813952.2, 1145.3, 1353.8, 0.0);
(395717.9, 3813958.5, 1156.5, 1353.8, 0.0); (395740.5,
3813964.8, 1166.8, 1353.8, 0.0);
(395763.0, 3813971.1, 1176.8, 1353.8, 0.0); (395785.5,
3813977.4, 1182.2, 1353.8, 0.0);
(395808.1, 3813983.6, 1188.0, 1353.8, 0.0); (395830.6,
3813989.9, 1197.8, 1353.8, 0.0);
(395853.2, 3813996.2, 1210.2, 1353.8, 0.0); (395875.7,
3814002.5, 1222.7, 1353.8, 0.0);
(395898.3, 3814008.8, 1235.0, 1353.8, 0.0); (395920.8,
3814015.0, 1244.7, 1353.8, 0.0);
(395943.4, 3814021.3, 1254.1, 1353.8, 0.0); (395965.9,
3814027.6, 1266.0, 1353.8, 0.0);
(395560.1, 3813914.6, 1084.0, 1353.8, 0.0); (395536.9,
3813910.5, 1078.0, 1353.8, 0.0);
(395513.8, 3813906.3, 1073.1, 1353.8, 0.0); (395490.6,
3813902.2, 1068.1, 1353.8, 0.0);
(395467.5, 3813898.1, 1064.4, 1353.8, 0.0); (395444.3,
3813893.9, 1061.0, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 204

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*



(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 395421.2, 3813889.8, 1056.5, 1353.8, 0.0); | ( 395398.0, |
| 3813885.6, 1052.1, 1353.8, 0.0);             |             |
| ( 395374.9, 3813881.5, 1047.6, 1353.8, 0.0); | ( 395351.7, |
| 3813877.4, 1042.3, 1353.8, 0.0);             |             |
| ( 395670.5, 3813428.7, 1227.8, 1353.8, 0.0); | ( 395693.1, |
| 3813435.0, 1225.8, 1353.8, 0.0);             |             |
| ( 395715.7, 3813441.2, 1220.5, 1353.8, 0.0); | ( 395738.3, |
| 3813447.5, 1212.0, 1353.8, 0.0);             |             |
| ( 395760.9, 3813453.8, 1201.4, 1353.8, 0.0); | ( 395783.5, |
| 3813460.1, 1190.0, 1353.8, 0.0);             |             |
| ( 395806.1, 3813466.4, 1182.7, 1353.8, 0.0); | ( 395828.7, |
| 3813472.7, 1179.7, 1353.8, 0.0);             |             |
| ( 395851.3, 3813479.0, 1183.8, 1353.8, 0.0); | ( 395873.9, |
| 3813485.3, 1192.6, 1353.8, 0.0);             |             |
| ( 395896.5, 3813491.5, 1201.7, 1353.8, 0.0); | ( 395919.0, |
| 3813497.8, 1209.1, 1353.8, 0.0);             |             |
| ( 395941.6, 3813504.1, 1216.5, 1353.8, 0.0); | ( 395964.2, |
| 3813510.4, 1217.3, 1353.8, 0.0);             |             |
| ( 395986.8, 3813516.7, 1210.0, 1353.8, 0.0); | ( 396009.4, |
| 3813523.0, 1202.8, 1353.8, 0.0);             |             |
| ( 396032.0, 3813529.3, 1195.9, 1353.8, 0.0); | ( 396054.6, |
| 3813535.6, 1187.6, 1353.8, 0.0);             |             |
| ( 396077.2, 3813541.9, 1176.9, 1353.8, 0.0); | ( 396099.8, |
| 3813548.1, 1167.1, 1353.8, 0.0);             |             |
| ( 396122.4, 3813554.4, 1164.9, 1353.8, 0.0); | ( 396145.0, |
| 3813560.7, 1167.0, 1353.8, 0.0);             |             |
| ( 395648.0, 3813422.4, 1225.6, 1353.8, 0.0); | ( 395624.8, |
| 3813418.2, 1219.0, 1353.8, 0.0);             |             |
| ( 395601.7, 3813414.1, 1213.0, 1353.8, 0.0); | ( 395578.5, |
| 3813410.0, 1208.7, 1353.8, 0.0);             |             |
| ( 395555.4, 3813405.8, 1202.5, 1353.8, 0.0); | ( 395532.2, |
| 3813401.7, 1190.0, 1353.8, 0.0);             |             |
| ( 395509.1, 3813397.6, 1176.3, 1353.8, 0.0); | ( 395485.9, |
| 3813393.4, 1162.3, 1353.8, 0.0);             |             |
| ( 395462.8, 3813389.3, 1148.8, 1353.8, 0.0); | ( 395439.6, |
| 3813385.2, 1135.2, 1353.8, 0.0);             |             |
| ( 395758.5, 3812936.5, 1052.8, 1989.7, 0.0); | ( 395781.1, |
| 3812942.8, 1054.8, 1989.7, 0.0);             |             |
| ( 395803.7, 3812949.1, 1056.8, 1980.1, 0.0); | ( 395826.3, |
| 3812955.4, 1059.4, 1980.1, 0.0);             |             |
| ( 395849.0, 3812961.6, 1061.2, 1937.2, 0.0); | ( 395871.6, |
| 3812967.9, 1062.4, 1829.2, 0.0);             |             |
| ( 395894.2, 3812974.2, 1064.5, 1759.6, 0.0); | ( 395916.8, |
| 3812980.5, 1066.7, 1759.6, 0.0);             |             |
| ( 395939.5, 3812986.8, 1068.1, 1759.6, 0.0); | ( 395962.1, |
| 3812993.1, 1069.1, 1759.6, 0.0);             |             |
| ( 395984.7, 3812999.4, 1070.8, 1759.6, 0.0); | ( 396007.3, |

```

3813005.7, 1072.5, 1759.6, 0.0);
(396029.9, 3813012.0, 1073.7, 1759.6, 0.0); (396052.5,
3813018.3, 1071.7, 1759.6, 0.0);
(396075.2, 3813024.6, 1071.1, 1759.6, 0.0); (396097.8,
3813030.9, 1073.6, 1759.6, 0.0);
(396120.4, 3813037.2, 1075.5, 1759.6, 0.0); (396143.0,
3813043.5, 1075.3, 1759.6, 0.0);
(396165.6, 3813049.8, 1075.2, 1759.6, 0.0); (396188.3,
3813056.1, 1074.7, 1759.6, 0.0);
(396210.9, 3813062.4, 1075.4, 1759.6, 0.0); (396233.5,
3813068.7, 1078.3, 1759.3, 0.0);
(396256.1, 3813075.0, 1082.0, 1752.1, 0.0); (396278.7,
3813081.3, 1085.2, 1353.8, 0.0);
(396301.4, 3813087.6, 1087.5, 1353.8, 0.0); (396324.0,
3813093.9, 1090.3, 1353.8, 0.0);
(395735.9, 3812930.2, 1052.4, 1989.7, 0.0); (395712.7,
3812926.0, 1053.0, 1989.7, 0.0);
(395689.6, 3812921.9, 1053.5, 1989.7, 0.0); (395666.4,
3812917.8, 1052.0, 1989.7, 0.0);
(395643.3, 3812913.6, 1047.0, 1989.7, 0.0); (395620.1,
3812909.5, 1039.9, 1989.7, 0.0);
(395597.0, 3812905.4, 1033.8, 1989.7, 0.0); (395573.8,
3812901.2, 1030.8, 1989.7, 0.0);
(395550.7, 3812897.1, 1029.5, 1989.7, 0.0); (395527.5,
3812893.0, 1026.2, 1989.7, 0.0);
(395846.4, 3812444.3, 1035.1, 2084.1, 0.0); (395869.1,
3812450.6, 1037.8, 2084.1, 0.0);
(395891.7, 3812456.9, 1039.7, 2084.1, 0.0); (395914.3,
3812463.2, 1041.7, 2084.1, 0.0);
(395937.0, 3812469.5, 1044.2, 2084.1, 0.0); (395959.6,
3812475.8, 1047.8, 2084.1, 0.0);
(395982.3, 3812482.1, 1052.3, 2060.8, 0.0); (396004.9,
3812488.4, 1057.1, 2060.8, 0.0);
(396027.5, 3812494.7, 1061.0, 1989.7, 0.0); (396050.2,
3812501.0, 1063.9, 1989.7, 0.0);
(396072.8, 3812507.3, 1068.5, 1989.7, 0.0); (396095.5,
3812513.6, 1075.5, 1989.7, 0.0);
(396118.1, 3812519.9, 1083.6, 1979.8, 0.0); (396140.8,
3812526.2, 1090.7, 1830.9, 0.0);
(396163.4, 3812532.5, 1094.6, 1830.9, 0.0); (396186.0,
3812538.8, 1095.0, 1830.9, 0.0);
(396208.7, 3812545.1, 1092.0, 1830.9, 0.0); (396231.3,
3812551.4, 1086.4, 1830.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 396254.0, 3812557.7, 1082.7, 1830.9, 0.0); | ( 396276.6, |
| 3812564.0, 1084.7, 1830.9, 0.0);             |             |
| ( 396299.2, 3812570.3, 1089.7, 1830.9, 0.0); | ( 396321.9, |
| 3812576.6, 1093.9, 1830.9, 0.0);             |             |
| ( 396344.5, 3812582.9, 1096.9, 1830.9, 0.0); | ( 396367.2, |
| 3812589.2, 1101.4, 1829.2, 0.0);             |             |
| ( 396389.8, 3812595.5, 1106.0, 1759.6, 0.0); | ( 396412.5, |
| 3812601.8, 1109.6, 1759.6, 0.0);             |             |
| ( 396435.1, 3812608.1, 1112.2, 1759.6, 0.0); | ( 396457.7, |
| 3812614.4, 1115.7, 1759.6, 0.0);             |             |
| ( 396480.4, 3812620.7, 1118.5, 1759.6, 0.0); | ( 396503.0, |
| 3812627.0, 1118.2, 1759.6, 0.0);             |             |
| ( 395823.8, 3812438.0, 1031.5, 2084.1, 0.0); | ( 395800.6, |
| 3812433.8, 1030.5, 2084.1, 0.0);             |             |
| ( 395777.5, 3812429.7, 1028.7, 2084.1, 0.0); | ( 395754.3, |
| 3812425.6, 1026.5, 2084.1, 0.0);             |             |
| ( 395731.2, 3812421.4, 1025.6, 2084.1, 0.0); | ( 395708.0, |
| 3812417.3, 1025.9, 2084.1, 0.0);             |             |
| ( 395684.9, 3812413.1, 1025.7, 2084.1, 0.0); | ( 395661.7, |
| 3812409.0, 1024.2, 2084.1, 0.0);             |             |
| ( 395638.6, 3812404.9, 1021.0, 2084.1, 0.0); | ( 395615.4, |
| 3812400.8, 1016.2, 2084.1, 0.0);             |             |
| ( 396080.7, 3811131.7, 990.6, 2167.9, 0.0);  | ( 396103.2, |
| 3811137.9, 988.1, 2167.9, 0.0);              |             |
| ( 396125.7, 3811144.2, 988.9, 2167.9, 0.0);  | ( 396148.2, |
| 3811150.4, 990.9, 2167.9, 0.0);              |             |
| ( 396170.7, 3811156.7, 994.7, 2167.9, 0.0);  | ( 396193.2, |
| 3811163.0, 1001.9, 2167.9, 0.0);             |             |
| ( 396215.7, 3811169.2, 1012.1, 2167.9, 0.0); | ( 396238.2, |
| 3811175.5, 1010.5, 2167.9, 0.0);             |             |
| ( 396260.7, 3811181.8, 1009.6, 2167.9, 0.0); | ( 396283.2, |
| 3811188.0, 1014.8, 2167.9, 0.0);             |             |
| ( 396305.7, 3811194.3, 1024.7, 2167.9, 0.0); | ( 396328.2, |
| 3811200.5, 1035.6, 2167.9, 0.0);             |             |
| ( 396350.7, 3811206.8, 1042.1, 2167.9, 0.0); | ( 396373.2, |
| 3811213.1, 1045.9, 2167.9, 0.0);             |             |
| ( 396395.7, 3811219.3, 1045.7, 2167.9, 0.0); | ( 396418.2, |
| 3811225.6, 1043.7, 2167.9, 0.0);             |             |
| ( 396440.7, 3811231.9, 1042.9, 2167.9, 0.0); | ( 396463.2, |
| 3811238.1, 1038.7, 2167.9, 0.0);             |             |
| ( 396485.7, 3811244.4, 1035.7, 2167.9, 0.0); | ( 396508.2, |
| 3811250.6, 1038.3, 2167.9, 0.0);             |             |
| ( 396530.7, 3811256.9, 1041.0, 2167.9, 0.0); | ( 396553.2, |
| 3811263.2, 1044.9, 2167.9, 0.0);             |             |
| ( 396575.7, 3811269.4, 1050.2, 2167.9, 0.0); | ( 396598.2, |

```

3811275.7, 1054.7, 2167.9, 0.0);
(396620.7, 3811282.0, 1057.7, 2167.9, 0.0); (396643.2,
3811288.2, 1056.7, 2167.9, 0.0);
(396665.7, 3811294.5, 1056.1, 2167.9, 0.0); (396688.2,
3811300.8, 1061.0, 2167.9, 0.0);
(396710.7, 3811307.0, 1069.0, 2167.9, 0.0); (396733.2,
3811313.3, 1074.6, 2167.9, 0.0);
(396755.7, 3811319.5, 1072.9, 2167.9, 0.0); (396778.2,
3811325.8, 1070.5, 2167.9, 0.0);
(396800.7, 3811332.1, 1072.0, 2167.9, 0.0); (396823.2,
3811338.3, 1074.1, 2167.9, 0.0);
(396845.7, 3811344.6, 1075.3, 2167.9, 0.0); (396868.2,
3811350.9, 1075.4, 2167.9, 0.0);
(396890.7, 3811357.1, 1074.9, 2167.9, 0.0); (396913.2,
3811363.4, 1073.5, 2167.9, 0.0);
(396935.7, 3811369.6, 1070.7, 2167.9, 0.0); (396958.2,
3811375.9, 1071.2, 2167.9, 0.0);
(396980.7, 3811382.2, 1075.1, 2167.9, 0.0); (396058.2,
3811125.4, 994.3, 2167.9, 0.0);
(396035.0, 3811121.3, 994.2, 2167.9, 0.0); (396011.9,
3811117.1, 988.8, 2167.9, 0.0);
(395988.7, 3811113.0, 989.0, 2167.9, 0.0); (395965.6,
3811108.9, 997.2, 2167.9, 0.0);
(395942.4, 3811104.7, 1000.1, 2167.9, 0.0); (395919.3,
3811100.6, 1000.9, 2167.9, 0.0);
(395896.1, 3811096.4, 1001.0, 2167.9, 0.0); (395873.0,
3811092.3, 1000.5, 2167.9, 0.0);
(395849.8, 3811088.2, 999.7, 2167.9, 0.0); (396315.0,
3809819.1, 1090.5, 2167.9, 0.0);
(396337.4, 3809825.3, 1087.0, 2167.9, 0.0); (396359.9,
3809831.5, 1080.8, 2167.9, 0.0);
(396382.3, 3809837.8, 1075.0, 2167.9, 0.0); (396404.7,
3809844.0, 1071.6, 2167.9, 0.0);
(396427.1, 3809850.3, 1068.5, 2167.9, 0.0); (396449.5,
3809856.5, 1065.2, 2167.9, 0.0);
(396471.9, 3809862.8, 1062.1, 2167.9, 0.0); (396494.3,
3809869.0, 1059.1, 2167.9, 0.0);
(396516.8, 3809875.2, 1055.8, 2167.9, 0.0); (396539.2,
3809881.5, 1054.6, 2167.9, 0.0);
(396561.6, 3809887.7, 1061.4, 2167.9, 0.0); (396584.0,
3809893.9, 1065.0, 2167.9, 0.0);
(396606.4, 3809900.2, 1065.1, 2167.9, 0.0); (396628.8,
3809906.4, 1064.7, 2167.9, 0.0);
(396651.3, 3809912.7, 1065.6, 2167.9, 0.0); (396673.7,
3809918.9, 1067.9, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 396696.1, 3809925.1, 1069.8, 2167.9, 0.0); | ( 396718.5, |
| 3809931.4, 1069.8, 2167.9, 0.0);             |             |
| ( 396740.9, 3809937.6, 1068.9, 2167.9, 0.0); | ( 396763.3, |
| 3809943.9, 1068.5, 2167.9, 0.0);             |             |
| ( 396785.8, 3809950.1, 1066.6, 2167.9, 0.0); | ( 396808.2, |
| 3809956.3, 1062.7, 2167.9, 0.0);             |             |
| ( 396830.6, 3809962.6, 1061.1, 2167.9, 0.0); | ( 396853.0, |
| 3809968.8, 1063.2, 2167.9, 0.0);             |             |
| ( 396875.4, 3809975.1, 1065.9, 2167.9, 0.0); | ( 396897.8, |
| 3809981.3, 1066.2, 2167.9, 0.0);             |             |
| ( 396920.2, 3809987.5, 1065.0, 2167.9, 0.0); | ( 396942.7, |
| 3809993.8, 1062.3, 2167.9, 0.0);             |             |
| ( 396965.1, 3810000.0, 1061.7, 2167.9, 0.0); | ( 396987.5, |
| 3810006.3, 1062.9, 2167.9, 0.0);             |             |
| ( 397009.9, 3810012.5, 1064.3, 2167.9, 0.0); | ( 397032.3, |
| 3810018.7, 1064.5, 2167.9, 0.0);             |             |
| ( 397054.8, 3810025.0, 1062.8, 2167.9, 0.0); | ( 397077.2, |
| 3810031.2, 1060.1, 2167.9, 0.0);             |             |
| ( 397099.6, 3810037.5, 1057.4, 2167.9, 0.0); | ( 397122.0, |
| 3810043.7, 1057.0, 2167.9, 0.0);             |             |
| ( 397144.4, 3810049.9, 1060.2, 2167.9, 0.0); | ( 397166.8, |
| 3810056.2, 1062.7, 2167.9, 0.0);             |             |
| ( 397189.2, 3810062.4, 1063.5, 2167.9, 0.0); | ( 397211.7, |
| 3810068.7, 1064.3, 2167.9, 0.0);             |             |
| ( 397234.1, 3810074.9, 1065.4, 2167.9, 0.0); | ( 397256.5, |
| 3810081.1, 1065.2, 2167.9, 0.0);             |             |
| ( 397278.9, 3810087.4, 1064.5, 2167.9, 0.0); | ( 397301.3, |
| 3810093.6, 1065.9, 2167.9, 0.0);             |             |
| ( 397323.7, 3810099.9, 1066.7, 2167.9, 0.0); | ( 397346.2, |
| 3810106.1, 1067.3, 2167.9, 0.0);             |             |
| ( 397368.6, 3810112.3, 1069.1, 2167.9, 0.0); | ( 397391.0, |
| 3810118.6, 1068.0, 2167.9, 0.0);             |             |
| ( 397413.4, 3810124.8, 1063.5, 2167.9, 0.0); | ( 397435.8, |
| 3810131.1, 1061.6, 2167.9, 0.0);             |             |
| ( 397458.2, 3810137.3, 1067.1, 2167.9, 0.0); | ( 396292.6, |
| 3809812.8, 1092.0, 2167.9, 0.0);             |             |
| ( 396269.5, 3809808.7, 1094.0, 2167.9, 0.0); | ( 396246.3, |
| 3809804.6, 1097.9, 2167.9, 0.0);             |             |
| ( 396223.2, 3809800.4, 1102.4, 2167.9, 0.0); | ( 396200.0, |
| 3809796.3, 1107.1, 2167.9, 0.0);             |             |
| ( 396176.9, 3809792.2, 1112.1, 2167.9, 0.0); | ( 396153.7, |
| 3809788.0, 1117.7, 2167.9, 0.0);             |             |
| ( 396130.6, 3809783.9, 1124.5, 2167.9, 0.0); | ( 396107.4, |



\*\*\*

17:54:19

PAGE 207

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 397555.6, 3808786.6, 1177.5, 2167.9, 0.0); | ( 397578.0, |
| 3808792.8, 1176.5, 2167.9, 0.0);             |             |
| ( 397600.4, 3808799.0, 1179.8, 2167.9, 0.0); | ( 397622.7, |
| 3808805.3, 1183.7, 2167.9, 0.0);             |             |
| ( 397645.1, 3808811.5, 1184.8, 2167.9, 0.0); | ( 397667.5, |
| 3808817.7, 1185.1, 2167.9, 0.0);             |             |
| ( 397689.8, 3808823.9, 1184.7, 2167.9, 0.0); | ( 397712.2, |
| 3808830.2, 1181.1, 2167.9, 0.0);             |             |
| ( 397734.5, 3808836.4, 1176.3, 2167.9, 0.0); | ( 397756.9, |
| 3808842.6, 1173.3, 2167.9, 0.0);             |             |
| ( 397779.3, 3808848.8, 1169.9, 2167.9, 0.0); | ( 397801.6, |
| 3808855.1, 1167.7, 2167.9, 0.0);             |             |
| ( 397824.0, 3808861.3, 1169.1, 2167.9, 0.0); | ( 397846.3, |
| 3808867.5, 1172.9, 2167.9, 0.0);             |             |
| ( 397868.7, 3808873.7, 1173.3, 2167.9, 0.0); | ( 397891.1, |
| 3808880.0, 1173.3, 2167.9, 0.0);             |             |
| ( 397913.4, 3808886.2, 1176.2, 2167.9, 0.0); | ( 397935.8, |
| 3808892.4, 1178.1, 2167.9, 0.0);             |             |
| ( 396527.0, 3808500.3, 1159.5, 2167.9, 0.0); | ( 396503.9, |
| 3808496.1, 1161.9, 2167.9, 0.0);             |             |
| ( 396480.7, 3808492.0, 1164.8, 2167.9, 0.0); | ( 396457.6, |
| 3808487.9, 1167.2, 2167.9, 0.0);             |             |
| ( 396434.4, 3808483.7, 1169.6, 2167.9, 0.0); | ( 396411.3, |
| 3808479.6, 1173.5, 2167.9, 0.0);             |             |
| ( 396388.1, 3808475.5, 1179.7, 2167.9, 0.0); | ( 396365.0, |
| 3808471.3, 1187.7, 2167.9, 0.0);             |             |
| ( 396341.8, 3808467.2, 1195.9, 2167.9, 0.0); | ( 396318.7, |
| 3808463.0, 1203.7, 2167.9, 0.0);             |             |
| ( 396784.1, 3807194.0, 1439.3, 1830.9, 0.0); | ( 396806.7, |
| 3807200.3, 1432.7, 2008.9, 0.0);             |             |
| ( 396829.3, 3807206.6, 1421.9, 2009.6, 0.0); | ( 396851.9, |
| 3807212.9, 1408.3, 2009.6, 0.0);             |             |
| ( 396874.6, 3807219.2, 1397.8, 2060.8, 0.0); | ( 396897.2, |
| 3807225.5, 1393.8, 2060.8, 0.0);             |             |
| ( 396919.8, 3807231.8, 1393.2, 2084.1, 0.0); | ( 396942.4, |
| 3807238.1, 1392.7, 2084.1, 0.0);             |             |
| ( 396965.1, 3807244.4, 1395.6, 2084.1, 0.0); | ( 396987.7, |
| 3807250.7, 1394.9, 2084.1, 0.0);             |             |
| ( 397010.3, 3807257.0, 1386.3, 2084.1, 0.0); | ( 397032.9, |
| 3807263.3, 1371.2, 2084.1, 0.0);             |             |
| ( 397055.6, 3807269.6, 1353.8, 2084.9, 0.0); | ( 397078.2, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807275.9,  | 1336.8,    | 2167.9, | 0.0);   |       |             |
| ( 397100.8, | 3807282.2, | 1319.6, | 2167.9, | 0.0); | ( 397123.4, |
| 3807288.5,  | 1301.3,    | 2167.9, | 0.0);   |       |             |
| ( 397146.0, | 3807294.8, | 1283.2, | 2167.9, | 0.0); | ( 397168.7, |
| 3807301.1,  | 1271.4,    | 2167.9, | 0.0);   |       |             |
| ( 397191.3, | 3807307.4, | 1273.2, | 2167.9, | 0.0); | ( 397213.9, |
| 3807313.6,  | 1285.3,    | 2167.9, | 0.0);   |       |             |
| ( 397236.5, | 3807319.9, | 1298.1, | 2167.9, | 0.0); | ( 397259.2, |
| 3807326.2,  | 1305.0,    | 2167.9, | 0.0);   |       |             |
| ( 397281.8, | 3807332.5, | 1307.5, | 2167.9, | 0.0); | ( 397304.4, |
| 3807338.8,  | 1312.7,    | 2167.9, | 0.0);   |       |             |
| ( 397327.0, | 3807345.1, | 1318.8, | 2167.9, | 0.0); | ( 397349.7, |
| 3807351.4,  | 1319.2,    | 2167.9, | 0.0);   |       |             |
| ( 397372.3, | 3807357.7, | 1313.5, | 2167.9, | 0.0); | ( 397394.9, |
| 3807364.0,  | 1304.1,    | 2167.9, | 0.0);   |       |             |
| ( 397417.5, | 3807370.3, | 1294.0, | 2167.9, | 0.0); | ( 397440.2, |
| 3807376.6,  | 1292.7,    | 2167.9, | 0.0);   |       |             |
| ( 397462.8, | 3807382.9, | 1301.1, | 2167.9, | 0.0); | ( 397485.4, |
| 3807389.2,  | 1310.4,    | 2167.9, | 0.0);   |       |             |
| ( 397508.0, | 3807395.5, | 1316.3, | 2167.9, | 0.0); | ( 397530.7, |
| 3807401.8,  | 1325.6,    | 2167.9, | 0.0);   |       |             |
| ( 397553.3, | 3807408.1, | 1338.4, | 2167.9, | 0.0); | ( 397575.9, |
| 3807414.4,  | 1349.0,    | 2167.9, | 0.0);   |       |             |
| ( 397598.5, | 3807420.7, | 1356.2, | 2167.9, | 0.0); | ( 397621.2, |
| 3807427.0,  | 1362.6,    | 2167.9, | 0.0);   |       |             |
| ( 397643.8, | 3807433.3, | 1368.6, | 2167.9, | 0.0); | ( 397666.4, |
| 3807439.6,  | 1372.6,    | 2167.9, | 0.0);   |       |             |
| ( 397689.0, | 3807445.9, | 1374.2, | 2167.9, | 0.0); | ( 397711.7, |
| 3807452.2,  | 1380.2,    | 2167.9, | 0.0);   |       |             |
| ( 397734.3, | 3807458.5, | 1391.0, | 2167.9, | 0.0); | ( 397756.9, |
| 3807464.8,  | 1398.2,    | 2167.9, | 0.0);   |       |             |
| ( 397779.5, | 3807471.1, | 1406.1, | 2167.9, | 0.0); | ( 397802.2, |
| 3807477.4,  | 1413.1,    | 2167.9, | 0.0);   |       |             |
| ( 397824.8, | 3807483.7, | 1419.8, | 2167.1, | 0.0); | ( 397847.4, |
| 3807490.0,  | 1424.7,    | 2084.9, | 0.0);   |       |             |
| ( 397870.0, | 3807496.3, | 1430.4, | 2084.9, | 0.0); | ( 397892.7, |
| 3807502.6,  | 1438.1,    | 2084.1, | 0.0);   |       |             |
| ( 397915.3, | 3807508.9, | 1448.5, | 2084.1, | 0.0); | ( 397937.9, |
| 3807515.2,  | 1459.4,    | 2084.1, | 0.0);   |       |             |
| ( 397960.5, | 3807521.5, | 1468.2, | 2084.1, | 0.0); | ( 397983.1, |
| 3807527.8,  | 1476.6,    | 2084.1, | 0.0);   |       |             |
| ( 398005.8, | 3807534.1, | 1485.9, | 2084.1, | 0.0); | ( 398028.4, |
| 3807540.4,  | 1495.3,    | 2060.8, | 0.0);   |       |             |
| ( 398051.0, | 3807546.7, | 1505.0, | 2003.3, | 0.0); | ( 398073.6, |
| 3807553.0,  | 1516.3,    | 1830.9, | 0.0);   |       |             |
| ( 398096.3, | 3807559.3, | 1526.7, | 1830.9, | 0.0); | ( 398118.9, |
| 3807565.6,  | 1536.0,    | 1830.9, | 0.0);   |       |             |
| ( 398141.5, | 3807571.9, | 1543.5, | 1813.1, | 0.0); | ( 398164.1, |
| 3807578.2,  | 1548.5,    | 1767.4, | 0.0);   |       |             |



Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 208

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 398186.8, 3807584.5, 1551.4, 1767.4, 0.0); | ( 398209.4, |
| 3807590.8, 1551.2, 1767.4, 0.0);             |             |
| ( 398232.0, 3807597.1, 1546.0, 1767.4, 0.0); | ( 398254.6, |
| 3807603.4, 1535.8, 1767.4, 0.0);             |             |
| ( 398277.3, 3807609.6, 1523.1, 1830.9, 0.0); | ( 398299.9, |
| 3807615.9, 1511.2, 2084.1, 0.0);             |             |
| ( 398322.5, 3807622.2, 1501.0, 2084.1, 0.0); | ( 398345.1, |
| 3807628.5, 1493.6, 2084.1, 0.0);             |             |
| ( 398367.8, 3807634.8, 1487.2, 2084.1, 0.0); | ( 398390.4, |
| 3807641.1, 1477.9, 2084.1, 0.0);             |             |
| ( 398413.0, 3807647.4, 1466.1, 2167.9, 0.0); | ( 396761.4, |
| 3807187.7, 1442.6, 1830.9, 0.0);             |             |
| ( 396738.3, 3807183.6, 1433.6, 1830.9, 0.0); | ( 396715.1, |
| 3807179.4, 1420.4, 2009.6, 0.0);             |             |
| ( 396692.0, 3807175.3, 1404.7, 2009.6, 0.0); | ( 396668.8, |
| 3807171.2, 1387.4, 2009.6, 0.0);             |             |
| ( 396645.7, 3807167.0, 1369.4, 2084.1, 0.0); | ( 396622.5, |
| 3807162.9, 1355.6, 2084.1, 0.0);             |             |
| ( 396599.4, 3807158.8, 1351.2, 2084.1, 0.0); | ( 396576.2, |
| 3807154.6, 1354.0, 2084.1, 0.0);             |             |
| ( 396553.1, 3807150.5, 1354.0, 2084.1, 0.0); | ( 397018.4, |
| 3805881.4, 1622.1, 1830.9, 0.0);             |             |
| ( 397041.0, 3805887.7, 1634.4, 1830.9, 0.0); | ( 397063.5, |
| 3805894.0, 1646.8, 1830.9, 0.0);             |             |
| ( 397086.1, 3805900.2, 1658.4, 1830.9, 0.0); | ( 397108.6, |
| 3805906.5, 1669.8, 1830.9, 0.0);             |             |
| ( 397131.2, 3805912.8, 1682.0, 1830.9, 0.0); | ( 397153.8, |
| 3805919.1, 1695.9, 1830.9, 0.0);             |             |
| ( 397176.3, 3805925.4, 1711.1, 1830.9, 0.0); | ( 397198.9, |
| 3805931.6, 1725.3, 1813.1, 0.0);             |             |
| ( 397221.4, 3805937.9, 1736.6, 1767.4, 0.0); | ( 397244.0, |
| 3805944.2, 1743.6, 1767.4, 0.0);             |             |
| ( 397266.5, 3805950.5, 1746.4, 1767.4, 0.0); | ( 397289.1, |
| 3805956.8, 1747.3, 1767.4, 0.0);             |             |
| ( 397311.6, 3805963.0, 1748.6, 1767.4, 0.0); | ( 397334.2, |
| 3805969.3, 1748.3, 1767.4, 0.0);             |             |
| ( 397356.8, 3805975.6, 1746.9, 1767.4, 0.0); | ( 397379.3, |
| 3805981.9, 1747.6, 1767.4, 0.0);             |             |
| ( 397401.9, 3805988.1, 1747.0, 1767.4, 0.0); | ( 397424.4, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805994.4,  | 1742.9,    | 1767.4, | 0.0);   |       |             |
| ( 397447.0, | 3806000.7, | 1737.7, | 1767.4, | 0.0); | ( 397469.5, |
| 3806007.0,  | 1733.1,    | 1767.4, | 0.0);   |       |             |
| ( 397492.1, | 3806013.3, | 1726.5, | 1767.4, | 0.0); | ( 397514.6, |
| 3806019.5,  | 1716.9,    | 1767.4, | 0.0);   |       |             |
| ( 397537.2, | 3806025.8, | 1705.1, | 1813.1, | 0.0); | ( 397559.8, |
| 3806032.1,  | 1692.4,    | 1813.1, | 0.0);   |       |             |
| ( 397582.3, | 3806038.4, | 1685.6, | 1813.1, | 0.0); | ( 397604.9, |
| 3806044.7,  | 1684.5,    | 1813.1, | 0.0);   |       |             |
| ( 397627.4, | 3806050.9, | 1687.7, | 1813.1, | 0.0); | ( 397650.0, |
| 3806057.2,  | 1695.6,    | 1813.1, | 0.0);   |       |             |
| ( 397672.5, | 3806063.5, | 1707.2, | 1767.4, | 0.0); | ( 397695.1, |
| 3806069.8,  | 1719.7,    | 1767.4, | 0.0);   |       |             |
| ( 397717.6, | 3806076.1, | 1721.3, | 1767.4, | 0.0); | ( 397740.2, |
| 3806082.3,  | 1712.6,    | 1767.4, | 0.0);   |       |             |
| ( 397762.8, | 3806088.6, | 1699.8, | 1767.4, | 0.0); | ( 397785.3, |
| 3806094.9,  | 1687.4,    | 1767.4, | 0.0);   |       |             |
| ( 397807.9, | 3806101.2, | 1680.2, | 1813.1, | 0.0); | ( 397830.4, |
| 3806107.4,  | 1679.2,    | 1813.1, | 0.0);   |       |             |
| ( 397853.0, | 3806113.7, | 1678.6, | 1767.4, | 0.0); | ( 397875.5, |
| 3806120.0,  | 1674.7,    | 1813.1, | 0.0);   |       |             |
| ( 397898.1, | 3806126.3, | 1670.6, | 1813.1, | 0.0); | ( 397920.7, |
| 3806132.6,  | 1666.7,    | 1813.1, | 0.0);   |       |             |
| ( 397943.2, | 3806138.8, | 1660.8, | 1813.1, | 0.0); | ( 397965.8, |
| 3806145.1,  | 1653.3,    | 1813.1, | 0.0);   |       |             |
| ( 397988.3, | 3806151.4, | 1647.2, | 1813.1, | 0.0); | ( 398010.9, |
| 3806157.7,  | 1646.8,    | 1813.1, | 0.0);   |       |             |
| ( 398033.4, | 3806164.0, | 1649.8, | 1813.1, | 0.0); | ( 398056.0, |
| 3806170.2,  | 1647.6,    | 1813.1, | 0.0);   |       |             |
| ( 398078.5, | 3806176.5, | 1644.2, | 1813.1, | 0.0); | ( 398101.1, |
| 3806182.8,  | 1638.0,    | 1813.1, | 0.0);   |       |             |
| ( 398123.7, | 3806189.1, | 1632.8, | 1813.1, | 0.0); | ( 398146.2, |
| 3806195.4,  | 1630.0,    | 1813.1, | 0.0);   |       |             |
| ( 398168.8, | 3806201.6, | 1631.0, | 1813.1, | 0.0); | ( 398191.3, |
| 3806207.9,  | 1630.3,    | 1813.1, | 0.0);   |       |             |
| ( 398213.9, | 3806214.2, | 1624.7, | 1813.1, | 0.0); | ( 398236.5, |
| 3806220.5,  | 1623.2,    | 1813.1, | 0.0);   |       |             |
| ( 398259.0, | 3806226.8, | 1622.7, | 1813.1, | 0.0); | ( 398281.6, |
| 3806233.0,  | 1623.0,    | 1813.1, | 0.0);   |       |             |
| ( 398304.1, | 3806239.3, | 1616.2, | 1813.1, | 0.0); | ( 398326.7, |
| 3806245.6,  | 1609.7,    | 2009.6, | 0.0);   |       |             |
| ( 398349.2, | 3806251.9, | 1610.3, | 2009.6, | 0.0); | ( 398371.8, |
| 3806258.1,  | 1613.1,    | 2009.6, | 0.0);   |       |             |
| ( 398394.3, | 3806264.4, | 1615.0, | 2009.6, | 0.0); | ( 398416.9, |
| 3806270.7,  | 1617.5,    | 2008.9, | 0.0);   |       |             |
| ( 398439.5, | 3806277.0, | 1620.4, | 2003.3, | 0.0); | ( 398462.0, |
| 3806283.3,  | 1618.7,    | 2009.6, | 0.0);   |       |             |
| ( 398484.6, | 3806289.5, | 1614.3, | 2009.6, | 0.0); | ( 398507.1, |
| 3806295.8,  | 1609.8,    | 2009.6, | 0.0);   |       |             |
| ( 398529.7, | 3806302.1, | 1604.3, | 2009.6, | 0.0); | ( 398552.2, |

3806308.4, 1599.5, 2009.6, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 209

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 398574.8, 3806314.6, 1601.0, 2009.6, 0.0); | ( 398597.3, |
| 3806320.9, 1607.4, 2009.6, 0.0);             |             |
| ( 398619.9, 3806327.2, 1613.0, 2009.6, 0.0); | ( 398642.5, |
| 3806333.5, 1615.9, 2009.6, 0.0);             |             |
| ( 398665.0, 3806339.8, 1618.4, 2009.6, 0.0); | ( 398687.6, |
| 3806346.0, 1620.7, 2009.6, 0.0);             |             |
| ( 398710.1, 3806352.3, 1622.8, 2009.6, 0.0); | ( 398732.7, |
| 3806358.6, 1623.6, 2009.6, 0.0);             |             |
| ( 398755.2, 3806364.9, 1624.0, 2009.6, 0.0); | ( 398777.8, |
| 3806371.2, 1621.2, 2009.6, 0.0);             |             |
| ( 398800.3, 3806377.4, 1613.9, 2009.6, 0.0); | ( 398822.9, |
| 3806383.7, 1603.4, 2060.8, 0.0);             |             |
| ( 398845.5, 3806390.0, 1589.0, 2084.1, 0.0); | ( 398868.0, |
| 3806396.3, 1579.3, 2084.1, 0.0);             |             |
| ( 398890.6, 3806402.6, 1579.0, 2084.1, 0.0); | ( 396995.9, |
| 3805875.1, 1610.5, 1830.9, 0.0);             |             |
| ( 396972.7, 3805871.0, 1598.9, 1830.9, 0.0); | ( 396949.6, |
| 3805866.9, 1586.2, 1830.9, 0.0);             |             |
| ( 396926.4, 3805862.7, 1570.4, 1830.9, 0.0); | ( 396903.3, |
| 3805858.6, 1552.7, 1830.9, 0.0);             |             |
| ( 396880.1, 3805854.5, 1535.8, 1830.9, 0.0); | ( 396857.0, |
| 3805850.3, 1520.4, 1830.9, 0.0);             |             |
| ( 396833.8, 3805846.2, 1507.4, 2002.8, 0.0); | ( 396810.7, |
| 3805842.1, 1496.4, 2009.6, 0.0);             |             |
| ( 396787.5, 3805837.9, 1491.0, 2009.6, 0.0); | ( 397252.8, |
| 3804568.8, 1607.1, 1830.9, 0.0);             |             |
| ( 397275.3, 3804575.1, 1599.0, 1830.9, 0.0); | ( 397297.8, |
| 3804581.4, 1592.5, 1830.9, 0.0);             |             |
| ( 397320.3, 3804587.6, 1592.1, 1830.9, 0.0); | ( 397342.8, |
| 3804593.9, 1590.6, 2003.3, 0.0);             |             |
| ( 397365.3, 3804600.1, 1582.9, 2009.6, 0.0); | ( 397387.8, |
| 3804606.4, 1573.3, 2009.6, 0.0);             |             |
| ( 397410.3, 3804612.7, 1562.1, 2009.6, 0.0); | ( 397432.8, |
| 3804618.9, 1550.4, 2009.6, 0.0);             |             |
| ( 397455.3, 3804625.2, 1542.8, 2009.6, 0.0); | ( 397477.8, |
| 3804631.5, 1540.9, 2009.6, 0.0);             |             |
| ( 397500.3, 3804637.7, 1545.0, 2009.6, 0.0); | ( 397522.8, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3804644.0,  | 1556.5,    | 2009.6, | 0.0);   |       |             |
| ( 397545.3, | 3804650.3, | 1563.7, | 2009.6, | 0.0); | ( 397567.8, |
| 3804656.5,  | 1561.5,    | 2009.6, | 0.0);   |       |             |
| ( 397590.3, | 3804662.8, | 1553.9, | 2009.6, | 0.0); | ( 397612.8, |
| 3804669.1,  | 1549.2,    | 2009.6, | 0.0);   |       |             |
| ( 397635.3, | 3804675.3, | 1551.3, | 2009.6, | 0.0); | ( 397657.8, |
| 3804681.6,  | 1554.5,    | 2009.6, | 0.0);   |       |             |
| ( 397680.3, | 3804687.8, | 1557.0, | 2009.6, | 0.0); | ( 397702.8, |
| 3804694.1,  | 1557.0,    | 2009.6, | 0.0);   |       |             |
| ( 397725.3, | 3804700.4, | 1555.4, | 2009.6, | 0.0); | ( 397747.9, |
| 3804706.6,  | 1554.0,    | 2009.6, | 0.0);   |       |             |
| ( 397770.4, | 3804712.9, | 1549.7, | 2009.6, | 0.0); | ( 397792.9, |
| 3804719.2,  | 1539.6,    | 2009.6, | 0.0);   |       |             |
| ( 397815.4, | 3804725.4, | 1526.8, | 2009.6, | 0.0); | ( 397837.9, |
| 3804731.7,  | 1512.5,    | 2009.6, | 0.0);   |       |             |
| ( 397860.4, | 3804738.0, | 1496.6, | 2084.1, | 0.0); | ( 397882.9, |
| 3804744.2,  | 1481.2,    | 2084.1, | 0.0);   |       |             |
| ( 397905.4, | 3804750.5, | 1470.0, | 2167.1, | 0.0); | ( 397927.9, |
| 3804756.8,  | 1462.3,    | 2167.9, | 0.0);   |       |             |
| ( 397950.4, | 3804763.0, | 1455.9, | 2167.9, | 0.0); | ( 397972.9, |
| 3804769.3,  | 1447.2,    | 2167.9, | 0.0);   |       |             |
| ( 397995.4, | 3804775.5, | 1435.2, | 2167.9, | 0.0); | ( 398017.9, |
| 3804781.8,  | 1422.8,    | 2167.9, | 0.0);   |       |             |
| ( 398040.4, | 3804788.1, | 1411.8, | 2167.9, | 0.0); | ( 398062.9, |
| 3804794.3,  | 1402.2,    | 2167.9, | 0.0);   |       |             |
| ( 398085.4, | 3804800.6, | 1394.3, | 2167.9, | 0.0); | ( 398107.9, |
| 3804806.9,  | 1385.1,    | 2167.9, | 0.0);   |       |             |
| ( 398130.4, | 3804813.1, | 1374.1, | 2167.9, | 0.0); | ( 398152.9, |
| 3804819.4,  | 1361.7,    | 2167.9, | 0.0);   |       |             |
| ( 398175.4, | 3804825.7, | 1348.5, | 2167.9, | 0.0); | ( 398197.9, |
| 3804831.9,  | 1336.0,    | 2167.9, | 0.0);   |       |             |
| ( 398220.4, | 3804838.2, | 1328.8, | 2167.9, | 0.0); | ( 398242.9, |
| 3804844.5,  | 1338.2,    | 2167.9, | 0.0);   |       |             |
| ( 398265.4, | 3804850.7, | 1346.7, | 2167.9, | 0.0); | ( 398288.0, |
| 3804857.0,  | 1353.0,    | 2167.9, | 0.0);   |       |             |
| ( 398310.5, | 3804863.2, | 1358.8, | 2167.9, | 0.0); | ( 398333.0, |
| 3804869.5,  | 1366.0,    | 2167.9, | 0.0);   |       |             |
| ( 398355.5, | 3804875.8, | 1375.1, | 2167.9, | 0.0); | ( 398378.0, |
| 3804882.0,  | 1386.4,    | 2167.9, | 0.0);   |       |             |
| ( 398400.5, | 3804888.3, | 1399.7, | 2167.9, | 0.0); | ( 398423.0, |
| 3804894.6,  | 1414.0,    | 2167.9, | 0.0);   |       |             |
| ( 398445.5, | 3804900.8, | 1423.4, | 2167.9, | 0.0); | ( 398468.0, |
| 3804907.1,  | 1426.1,    | 2167.9, | 0.0);   |       |             |
| ( 398490.5, | 3804913.4, | 1429.1, | 2167.9, | 0.0); | ( 398513.0, |
| 3804919.6,  | 1434.9,    | 2167.9, | 0.0);   |       |             |
| ( 398535.5, | 3804925.9, | 1443.1, | 2167.9, | 0.0); | ( 398558.0, |
| 3804932.2,  | 1452.5,    | 2167.9, | 0.0);   |       |             |
| ( 398580.5, | 3804938.4, | 1464.1, | 2167.9, | 0.0); | ( 398603.0, |
| 3804944.7,  | 1475.9,    | 2167.9, | 0.0);   |       |             |
| ( 398625.5, | 3804950.9, | 1480.1, | 2167.9, | 0.0); | ( 398648.0, |

3804957.2, 1482.7, 2167.9, 0.0);  
( 398670.5, 3804963.5, 1486.6, 2167.9, 0.0); ( 398693.0,  
3804969.7, 1492.1, 2167.9, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 210

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 398715.5, 3804976.0, 1499.3, 2167.9, 0.0); ( 398738.0,  
3804982.3, 1506.6, 2167.9, 0.0);  
( 398760.5, 3804988.5, 1510.1, 2167.9, 0.0); ( 398783.0,  
3804994.8, 1508.7, 2167.9, 0.0);  
( 398805.5, 3805001.1, 1502.9, 2167.9, 0.0); ( 398828.0,  
3805007.3, 1492.3, 2167.9, 0.0);  
( 398850.5, 3805013.6, 1478.7, 2167.9, 0.0); ( 398873.0,  
3805019.9, 1464.0, 2167.9, 0.0);  
( 398895.5, 3805026.1, 1448.9, 2167.9, 0.0); ( 398918.0,  
3805032.4, 1433.5, 2167.9, 0.0);  
( 398940.5, 3805038.6, 1417.9, 2167.9, 0.0); ( 398963.1,  
3805044.9, 1401.6, 2167.9, 0.0);  
( 398985.6, 3805051.2, 1386.0, 2167.9, 0.0); ( 399008.1,  
3805057.4, 1371.8, 2167.9, 0.0);  
( 399030.6, 3805063.7, 1359.3, 2167.9, 0.0); ( 399053.1,  
3805070.0, 1349.7, 2167.9, 0.0);  
( 399075.6, 3805076.2, 1343.9, 2167.9, 0.0); ( 399098.1,  
3805082.5, 1339.8, 2167.9, 0.0);  
( 399120.6, 3805088.8, 1334.1, 2167.9, 0.0); ( 399143.1,  
3805095.0, 1325.5, 2167.9, 0.0);  
( 399165.6, 3805101.3, 1318.2, 2167.9, 0.0); ( 399188.1,  
3805107.6, 1311.9, 2167.9, 0.0);  
( 399210.6, 3805113.8, 1307.0, 2167.9, 0.0); ( 399233.1,  
3805120.1, 1304.4, 2167.9, 0.0);  
( 399255.6, 3805126.3, 1305.9, 2167.9, 0.0); ( 399278.1,  
3805132.6, 1310.1, 2167.9, 0.0);  
( 399300.6, 3805138.9, 1315.2, 2167.9, 0.0); ( 399323.1,  
3805145.1, 1324.7, 2167.9, 0.0);  
( 399345.6, 3805151.4, 1333.7, 2167.9, 0.0); ( 399368.1,  
3805157.7, 1343.0, 2167.9, 0.0);  
( 397230.3, 3804562.6, 1615.2, 1830.9, 0.0); ( 397207.1,  
3804558.4, 1623.0, 1830.9, 0.0);  
( 397184.0, 3804554.3, 1630.3, 1830.9, 0.0); ( 397160.8,  
3804550.2, 1636.7, 1830.9, 0.0);  
( 397137.7, 3804546.0, 1642.4, 1830.9, 0.0); ( 397114.5,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3804541.9,  | 1648.2,    | 1830.9, | 0.0);   |       |             |
| ( 397091.4, | 3804537.8, | 1654.8, | 1830.9, | 0.0); | ( 397068.2, |
| 3804533.6,  | 1661.0,    | 1830.9, | 0.0);   |       |             |
| ( 397045.1, | 3804529.5, | 1666.1, | 1830.9, | 0.0); | ( 397021.9, |
| 3804525.4,  | 1668.2,    | 1830.9, | 0.0);   |       |             |
| ( 394900.7, | 3816156.8, | 908.9,  | 1439.5, | 0.0); | ( 394857.4, |
| 3816147.2,  | 907.1,     | 1439.5, | 0.0);   |       |             |
| ( 394906.1, | 3816132.4, | 907.4,  | 1439.5, | 0.0); | ( 394862.8, |
| 3816122.8,  | 905.8,     | 1439.5, | 0.0);   |       |             |
| ( 394911.5, | 3816108.0, | 908.0,  | 1439.5, | 0.0); | ( 394868.2, |
| 3816098.4,  | 907.5,     | 1439.5, | 0.0);   |       |             |
| ( 394916.9, | 3816083.6, | 911.5,  | 1353.8, | 0.0); | ( 394873.6, |
| 3816074.0,  | 910.8,     | 1439.5, | 0.0);   |       |             |
| ( 394927.7, | 3816034.7, | 908.3,  | 1353.8, | 0.0); | ( 394884.4, |
| 3816025.2,  | 907.7,     | 1353.8, | 0.0);   |       |             |
| ( 394938.5, | 3815985.9, | 902.0,  | 1353.8, | 0.0); | ( 394895.2, |
| 3815976.3,  | 901.2,     | 1439.5, | 0.0);   |       |             |
| ( 394949.3, | 3815937.1, | 902.7,  | 1353.8, | 0.0); | ( 394906.0, |
| 3815927.5,  | 901.5,     | 1353.8, | 0.0);   |       |             |
| ( 394960.1, | 3815888.3, | 903.8,  | 1353.8, | 0.0); | ( 394916.8, |
| 3815878.7,  | 902.8,     | 1353.8, | 0.0);   |       |             |
| ( 394970.9, | 3815839.5, | 905.2,  | 1353.8, | 0.0); | ( 394927.6, |
| 3815829.9,  | 904.3,     | 1353.8, | 0.0);   |       |             |
| ( 394992.5, | 3815741.8, | 909.2,  | 1353.8, | 0.0); | ( 394949.2, |
| 3815732.2,  | 908.1,     | 1353.8, | 0.0);   |       |             |
| ( 394992.5, | 3815639.4, | 913.8,  | 1353.8, | 0.0); | ( 395014.1, |
| 3815541.8,  | 919.8,     | 1353.8, | 0.0);   |       |             |
| ( 395035.7, | 3815444.1, | 934.2,  | 1353.8, | 0.0); | ( 395057.3, |
| 3815346.5,  | 940.3,     | 1353.8, | 0.0);   |       |             |
| ( 395089.7, | 3815097.6, | 951.1,  | 1353.8, | 0.0); | ( 395143.8, |
| 3814853.5,  | 1018.4,    | 1353.8, | 0.0);   |       |             |
| ( 395197.8, | 3814609.4, | 1078.8, | 1353.8, | 0.0); | ( 394827.0, |
| 3816170.6,  | 911.3,     | 1439.5, | 0.0);   |       |             |
| ( 394826.0, | 3816194.8, | 914.4,  | 1439.5, | 0.0); | ( 394825.0, |
| 3816219.0,  | 916.9,     | 1439.5, | 0.0);   |       |             |
| ( 394824.0, | 3816243.2, | 918.5,  | 1439.5, | 0.0); | ( 394823.0, |
| 3816267.4,  | 919.3,     | 1439.5, | 0.0);   |       |             |
| ( 394822.0, | 3816291.6, | 920.0,  | 1439.5, | 0.0); | ( 394811.8, |
| 3816150.8,  | 909.2,     | 1439.5, | 0.0);   |       |             |
| ( 394801.0, | 3816193.7, | 914.8,  | 1439.5, | 0.0); | ( 394800.0, |
| 3816217.9,  | 916.8,     | 1439.5, | 0.0);   |       |             |
| ( 394799.0, | 3816242.1, | 917.9,  | 1439.5, | 0.0); | ( 394798.0, |
| 3816266.4,  | 918.6,     | 1439.5, | 0.0);   |       |             |
| ( 394786.8, | 3816149.7, | 910.8,  | 1439.5, | 0.0); | ( 394826.9, |
| 3816107.6,  | 903.8,     | 1439.5, | 0.0);   |       |             |
| ( 394776.0, | 3816192.7, | 914.7,  | 1439.5, | 0.0); | ( 394775.0, |
| 3816216.9,  | 916.4,     | 1439.5, | 0.0);   |       |             |
| ( 394774.0, | 3816241.1, | 917.4,  | 1439.5, | 0.0); | ( 394773.0, |
| 3816265.3,  | 918.2,     | 1439.5, | 0.0);   |       |             |
| ( 394761.8, | 3816148.7, | 910.5,  | 1439.5, | 0.0); | ( 394781.3, |

```

3816111.1, 905.6, 1439.5, 0.0);
(394811.7, 3816087.8, 902.7, 1439.5, 0.0); (394751.1,
3816191.6, 914.1, 1439.5, 0.0);
(394750.0, 3816215.8, 915.8, 1439.5, 0.0); (394749.0,
3816240.1, 916.8, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 211

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394711.9, 3816146.6, 911.1, 1439.5, 0.0); (394731.3,
3816109.0, 908.1, 1439.5, 0.0);
(394750.8, 3816071.5, 902.5, 1439.5, 0.0); (394781.2,
3816048.1, 900.9, 1439.5, 0.0);
(394822.5, 3816038.9, 904.3, 1439.5, 0.0); (394701.1,
3816189.5, 914.0, 1439.5, 0.0);
(394700.1, 3816213.8, 914.9, 1439.5, 0.0); (394663.3,
3816141.8, 912.0, 1439.5, 0.0);
(394674.4, 3816120.3, 910.7, 1439.5, 0.0); (394685.5,
3816098.9, 910.6, 1439.5, 0.0);
(394696.7, 3816077.4, 910.1, 1439.5, 0.0); (394707.8,
3816056.0, 908.0, 1439.5, 0.0);
(394718.9, 3816034.5, 904.9, 1439.5, 0.0); (394753.7,
3816007.8, 899.5, 1439.5, 0.0);
(394777.2, 3816002.6, 899.8, 1439.5, 0.0); (394800.8,
3815997.3, 900.8, 1439.5, 0.0);
(394824.4, 3815992.1, 902.1, 1439.5, 0.0); (394848.0,
3815986.8, 901.5, 1439.5, 0.0);
(394871.6, 3815981.6, 901.1, 1439.5, 0.0); (394652.2,
3816163.2, 912.5, 1439.5, 0.0);
(394651.1, 3816187.5, 913.3, 1439.5, 0.0); (394613.0,
3816140.3, 910.9, 1439.5, 0.0);
(394623.8, 3816119.4, 910.0, 1439.5, 0.0); (394634.7,
3816098.6, 909.9, 1439.5, 0.0);
(394645.5, 3816077.7, 910.1, 1439.5, 0.0); (394656.3,
3816056.9, 909.2, 1439.5, 0.0);
(394667.1, 3816036.0, 908.5, 1439.5, 0.0); (394678.0,
3816015.2, 907.5, 1439.5, 0.0);
(394688.8, 3815994.3, 904.9, 1439.5, 0.0); (394722.5,
3815968.3, 898.6, 1439.5, 0.0);
(394745.5, 3815963.2, 898.3, 1439.5, 0.0); (394768.4,
3815958.1, 898.7, 1439.5, 0.0);
(394791.3, 3815953.0, 899.0, 1439.5, 0.0); (394814.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815947.9,  | 899.3,     | 1439.5, | 0.0);   |       |             |
| ( 394837.2, | 3815942.8, | 899.7,  | 1439.5, | 0.0); | ( 394860.1, |
| 3815937.7,  | 900.3,     | 1353.8, | 0.0);   |       |             |
| ( 394883.1, | 3815932.6, | 900.9,  | 1353.8, | 0.0); | ( 394602.2, |
| 3816161.2,  | 911.6,     | 1439.5, | 0.0);   |       |             |
| ( 394573.5, | 3816118.1, | 909.3,  | 1439.5, | 0.0); | ( 394584.1, |
| 3816097.6,  | 908.4,     | 1439.5, | 0.0);   |       |             |
| ( 394594.8, | 3816077.2, | 908.3,  | 1439.5, | 0.0); | ( 394605.4, |
| 3816056.7,  | 908.7,     | 1439.5, | 0.0);   |       |             |
| ( 394616.0, | 3816036.2, | 906.4,  | 1439.5, | 0.0); | ( 394626.6, |
| 3816015.7,  | 904.6,     | 1439.5, | 0.0);   |       |             |
| ( 394637.2, | 3815995.2, | 904.4,  | 1439.5, | 0.0); | ( 394647.9, |
| 3815974.8,  | 900.8,     | 1439.5, | 0.0);   |       |             |
| ( 394658.5, | 3815954.3, | 897.3,  | 1439.5, | 0.0); | ( 394691.6, |
| 3815928.8,  | 896.7,     | 1439.5, | 0.0);   |       |             |
| ( 394714.1, | 3815923.8, | 897.1,  | 1439.5, | 0.0); | ( 394736.7, |
| 3815918.8,  | 897.6,     | 1439.5, | 0.0);   |       |             |
| ( 394759.2, | 3815913.8, | 898.0,  | 1439.5, | 0.0); | ( 394781.7, |
| 3815908.8,  | 898.5,     | 1439.5, | 0.0);   |       |             |
| ( 394804.2, | 3815903.8, | 899.0,  | 1353.8, | 0.0); | ( 394826.8, |
| 3815898.8,  | 899.7,     | 1353.8, | 0.0);   |       |             |
| ( 394849.3, | 3815893.7, | 900.4,  | 1353.8, | 0.0); | ( 394871.8, |
| 3815888.7,  | 901.2,     | 1353.8, | 0.0);   |       |             |
| ( 394894.3, | 3815883.7, | 902.0,  | 1353.8, | 0.0); | ( 394533.8, |
| 3816096.3,  | 907.6,     | 1439.5, | 0.0);   |       |             |
| ( 394544.2, | 3816076.1, | 906.8,  | 1439.5, | 0.0); | ( 394554.7, |
| 3816055.9,  | 907.1,     | 1439.5, | 0.0);   |       |             |
| ( 394565.2, | 3816035.7, | 906.6,  | 1439.5, | 0.0); | ( 394575.7, |
| 3816015.5,  | 904.3,     | 1439.5, | 0.0);   |       |             |
| ( 394586.2, | 3815995.2, | 900.6,  | 1439.5, | 0.0); | ( 394596.7, |
| 3815975.0,  | 898.3,     | 1439.5, | 0.0);   |       |             |
| ( 394607.2, | 3815954.8, | 896.6,  | 1439.5, | 0.0); | ( 394617.6, |
| 3815934.6,  | 895.4,     | 1439.5, | 0.0);   |       |             |
| ( 394628.1, | 3815914.4, | 895.1,  | 1439.5, | 0.0); | ( 394660.9, |
| 3815889.2,  | 895.9,     | 1439.5, | 0.0);   |       |             |
| ( 394683.1, | 3815884.3, | 896.4,  | 1439.5, | 0.0); | ( 394705.3, |
| 3815879.3,  | 896.9,     | 1439.5, | 0.0);   |       |             |
| ( 394727.5, | 3815874.4, | 897.4,  | 1426.7, | 0.0); | ( 394749.8, |
| 3815869.4,  | 897.9,     | 1353.8, | 0.0);   |       |             |
| ( 394772.0, | 3815864.5, | 898.5,  | 1353.8, | 0.0); | ( 394794.2, |
| 3815859.6,  | 899.3,     | 1353.8, | 0.0);   |       |             |
| ( 394816.5, | 3815854.6, | 900.2,  | 1353.8, | 0.0); | ( 394838.7, |
| 3815849.7,  | 901.0,     | 1353.8, | 0.0);   |       |             |
| ( 394860.9, | 3815844.7, | 901.8,  | 1353.8, | 0.0); | ( 394883.2, |
| 3815839.8,  | 902.6,     | 1353.8, | 0.0);   |       |             |
| ( 394905.4, | 3815834.8, | 903.5,  | 1353.8, | 0.0); | ( 394413.3, |
| 3816131.7,  | 906.8,     | 1439.5, | 0.0);   |       |             |
| ( 394424.3, | 3816110.6, | 906.6,  | 1439.5, | 0.0); | ( 394446.2, |
| 3816068.3,  | 904.8,     | 1439.5, | 0.0);   |       |             |
| ( 394457.2, | 3816047.2, | 903.1,  | 1439.5, | 0.0); | ( 394468.1, |



```

3816026.1, 902.0, 1439.5, 0.0);
 (394479.1, 3816005.0, 899.4, 1439.5, 0.0); (394490.0,
3815983.8, 896.2, 1439.5, 0.0);
 (394501.0, 3815962.7, 893.0, 1439.5, 0.0); (394511.9,
3815941.6, 893.1, 1439.5, 0.0);
 (394522.9, 3815920.5, 893.1, 1439.5, 0.0); (394533.8,
3815899.4, 893.2, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 212

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394544.8, 3815878.3, 893.5, 1439.5, 0.0); (394555.8,
3815857.1, 893.9, 1439.5, 0.0);
 (394566.7, 3815836.0, 894.2, 1439.5, 0.0); (394600.9,
3815809.7, 895.2, 1353.8, 0.0);
 (394624.1, 3815804.6, 896.1, 1353.8, 0.0); (394647.3,
3815799.4, 897.1, 1353.8, 0.0);
 (394670.6, 3815794.2, 898.0, 1353.8, 0.0); (394693.8,
3815789.1, 898.9, 1353.8, 0.0);
 (394717.0, 3815783.9, 899.5, 1353.8, 0.0); (394740.2,
3815778.7, 900.0, 1353.8, 0.0);
 (394763.5, 3815773.6, 900.8, 1353.8, 0.0); (394786.7,
3815768.4, 901.8, 1353.8, 0.0);
 (394809.9, 3815763.2, 902.7, 1353.8, 0.0); (394833.1,
3815758.1, 903.6, 1353.8, 0.0);
 (394856.3, 3815752.9, 904.6, 1353.8, 0.0); (394879.6,
3815747.8, 905.4, 1353.8, 0.0);
 (394902.8, 3815742.6, 906.3, 1353.8, 0.0); (394926.0,
3815737.4, 907.2, 1353.8, 0.0);
 (394402.4, 3816152.8, 906.8, 1439.5, 0.0); (394401.4,
3816177.0, 906.9, 1439.5, 0.0);
 (394400.4, 3816201.2, 907.0, 1439.5, 0.0); (394399.3,
3816225.4, 907.1, 1439.5, 0.0);
 (394398.3, 3816249.6, 907.2, 1439.5, 0.0); (394397.3,
3816273.8, 907.2, 1439.5, 0.0);
 (394396.3, 3816298.0, 907.1, 1439.5, 0.0); (394313.2,
3816128.0, 903.7, 1439.5, 0.0);
 (394323.9, 3816107.3, 903.9, 1439.5, 0.0); (394334.6,
3816086.7, 903.9, 1439.5, 0.0);
 (394345.3, 3816066.0, 903.4, 1439.5, 0.0); (394356.0,
3816045.4, 902.1, 1439.5, 0.0);
 (394366.7, 3816024.7, 900.4, 1439.5, 0.0); (394377.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816004.1,  | 897.2,     | 1439.5, | 0.0);   |       |             |
| ( 394388.2, | 3815983.4, | 894.4,  | 1439.5, | 0.0); | ( 394398.9, |
| 3815962.8,  | 892.0,     | 1439.5, | 0.0);   |       |             |
| ( 394409.6, | 3815942.1, | 891.2,  | 1439.5, | 0.0); | ( 394420.3, |
| 3815921.5,  | 891.0,     | 1439.5, | 0.0);   |       |             |
| ( 394431.0, | 3815900.8, | 891.1,  | 1439.5, | 0.0); | ( 394441.7, |
| 3815880.2,  | 891.0,     | 1439.5, | 0.0);   |       |             |
| ( 394452.4, | 3815859.5, | 891.3,  | 1439.5, | 0.0); | ( 394463.1, |
| 3815838.9,  | 891.8,     | 1439.5, | 0.0);   |       |             |
| ( 394473.9, | 3815818.2, | 892.1,  | 1439.5, | 0.0); | ( 394484.6, |
| 3815797.6,  | 892.2,     | 1439.5, | 0.0);   |       |             |
| ( 394495.3, | 3815776.9, | 892.2,  | 1439.5, | 0.0); | ( 394506.0, |
| 3815756.3,  | 892.2,     | 1353.8, | 0.0);   |       |             |
| ( 394539.4, | 3815730.6, | 893.0,  | 1353.8, | 0.0); | ( 394562.1, |
| 3815725.5,  | 894.3,     | 1353.8, | 0.0);   |       |             |
| ( 394584.8, | 3815720.5, | 899.1,  | 1353.8, | 0.0); | ( 394607.5, |
| 3815715.4,  | 905.8,     | 1353.8, | 0.0);   |       |             |
| ( 394630.2, | 3815710.4, | 910.2,  | 1353.8, | 0.0); | ( 394653.0, |
| 3815705.3,  | 914.2,     | 1353.8, | 0.0);   |       |             |
| ( 394675.7, | 3815700.3, | 917.7,  | 1353.8, | 0.0); | ( 394698.4, |
| 3815695.2,  | 919.2,     | 1353.8, | 0.0);   |       |             |
| ( 394721.1, | 3815690.2, | 918.1,  | 1353.8, | 0.0); | ( 394743.8, |
| 3815685.1,  | 915.7,     | 1353.8, | 0.0);   |       |             |
| ( 394766.5, | 3815680.1, | 912.8,  | 1353.8, | 0.0); | ( 394789.2, |
| 3815675.0,  | 908.5,     | 1353.8, | 0.0);   |       |             |
| ( 394811.9, | 3815670.0, | 906.9,  | 1353.8, | 0.0); | ( 394834.6, |
| 3815664.9,  | 907.0,     | 1353.8, | 0.0);   |       |             |
| ( 394857.3, | 3815659.9, | 908.0,  | 1353.8, | 0.0); | ( 394880.0, |
| 3815654.8,  | 909.1,     | 1353.8, | 0.0);   |       |             |
| ( 394902.7, | 3815649.8, | 910.2,  | 1353.8, | 0.0); | ( 394925.4, |
| 3815644.7,  | 911.1,     | 1353.8, | 0.0);   |       |             |
| ( 394948.1, | 3815639.7, | 912.1,  | 1353.8, | 0.0); | ( 394302.5, |
| 3816148.6,  | 903.6,     | 1439.5, | 0.0);   |       |             |
| ( 394301.5, | 3816172.8, | 903.7,  | 1439.5, | 0.0); | ( 394300.4, |
| 3816197.0,  | 903.8,     | 1439.5, | 0.0);   |       |             |
| ( 394299.4, | 3816221.2, | 903.9,  | 1439.5, | 0.0); | ( 394298.4, |
| 3816245.4,  | 903.9,     | 1439.5, | 0.0);   |       |             |
| ( 394297.4, | 3816269.6, | 903.9,  | 1439.5, | 0.0); | ( 394296.4, |
| 3816293.9,  | 904.2,     | 1439.5, | 0.0);   |       |             |
| ( 394213.6, | 3816123.2, | 900.5,  | 1439.5, | 0.0); | ( 394224.6, |
| 3816102.0,  | 900.8,     | 1439.5, | 0.0);   |       |             |
| ( 394235.6, | 3816080.8, | 900.9,  | 1439.5, | 0.0); | ( 394246.6, |
| 3816059.5,  | 901.1,     | 1439.5, | 0.0);   |       |             |
| ( 394257.6, | 3816038.3, | 901.1,  | 1439.5, | 0.0); | ( 394268.6, |
| 3816017.1,  | 900.6,     | 1439.5, | 0.0);   |       |             |
| ( 394279.6, | 3815995.9, | 899.5,  | 1439.5, | 0.0); | ( 394290.6, |
| 3815974.7,  | 897.5,     | 1439.5, | 0.0);   |       |             |
| ( 394301.6, | 3815953.4, | 894.0,  | 1439.5, | 0.0); | ( 394312.6, |
| 3815932.2,  | 889.9,     | 1439.5, | 0.0);   |       |             |
| ( 394323.6, | 3815911.0, | 889.1,  | 1439.5, | 0.0); | ( 394334.7, |

```

3815889.8, 889.1, 1439.5, 0.0);
 (394345.7, 3815868.6, 889.4, 1439.5, 0.0); (394356.7,
3815847.3, 889.2, 1439.5, 0.0);
 (394367.7, 3815826.1, 889.3, 1439.5, 0.0); (394378.7,
3815804.9, 889.7, 1439.5, 0.0);
 (394389.7, 3815783.7, 890.0, 1439.5, 0.0); (394400.7,
3815762.5, 890.1, 1439.5, 0.0);
 (394411.7, 3815741.2, 890.0, 1439.5, 0.0); (394422.7,
3815720.0, 889.9, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 213

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394433.7, 3815698.8, 890.1, 1353.8, 0.0); (394444.7,
3815677.6, 890.7, 1353.8, 0.0);
 (394479.1, 3815651.2, 892.8, 1353.8, 0.0); (394502.4,
3815646.0, 894.4, 1353.8, 0.0);
 (394525.8, 3815640.8, 896.5, 1353.8, 0.0); (394549.1,
3815635.6, 899.2, 1353.8, 0.0);
 (394572.4, 3815630.4, 903.1, 1353.8, 0.0); (394595.8,
3815625.2, 907.0, 1353.8, 0.0);
 (394619.1, 3815620.0, 909.4, 1353.8, 0.0); (394642.4,
3815614.8, 911.5, 1353.8, 0.0);
 (394665.8, 3815609.6, 914.8, 1353.8, 0.0); (394689.1,
3815604.5, 920.5, 1353.8, 0.0);
 (394712.4, 3815599.3, 928.3, 1353.8, 0.0); (394735.8,
3815594.1, 932.0, 1353.8, 0.0);
 (394759.1, 3815588.9, 928.1, 1353.8, 0.0); (394782.5,
3815583.7, 921.3, 1353.8, 0.0);
 (394805.8, 3815578.5, 915.5, 1353.8, 0.0); (394829.1,
3815573.3, 914.2, 1353.8, 0.0);
 (394852.5, 3815568.1, 914.3, 1353.8, 0.0); (394875.8,
3815562.9, 913.9, 1353.8, 0.0);
 (394899.1, 3815557.7, 914.8, 1353.8, 0.0); (394922.5,
3815552.5, 917.4, 1353.8, 0.0);
 (394945.8, 3815547.4, 919.8, 1353.8, 0.0); (394969.1,
3815542.2, 920.9, 1353.8, 0.0);
 (394202.6, 3816144.4, 900.4, 1439.5, 0.0); (394201.5,
3816168.6, 900.6, 1439.5, 0.0);
 (394200.5, 3816192.8, 900.8, 1439.5, 0.0); (394199.5,
3816217.0, 901.0, 1439.5, 0.0);
 (394198.5, 3816241.3, 901.4, 1439.5, 0.0); (394197.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816265.5,  | 901.9,     | 1439.5, | 0.0);   |       |             |
| ( 394196.5, | 3816289.7, | 902.2,  | 1439.5, | 0.0); | ( 394113.5, |
| 3816119.4,  | 897.8,     | 1439.5, | 0.0);   |       |             |
| ( 394124.3, | 3816098.5, | 897.9,  | 1439.5, | 0.0); | ( 394135.1, |
| 3816077.7,  | 898.0,     | 1439.5, | 0.0);   |       |             |
| ( 394145.9, | 3816056.8, | 898.2,  | 1439.5, | 0.0); | ( 394156.8, |
| 3816036.0,  | 898.3,     | 1439.5, | 0.0);   |       |             |
| ( 394167.6, | 3816015.1, | 898.4,  | 1439.5, | 0.0); | ( 394178.4, |
| 3815994.2,  | 898.3,     | 1439.5, | 0.0);   |       |             |
| ( 394189.2, | 3815973.4, | 897.9,  | 1439.5, | 0.0); | ( 394200.0, |
| 3815952.5,  | 896.2,     | 1439.5, | 0.0);   |       |             |
| ( 394210.8, | 3815931.7, | 893.2,  | 1439.5, | 0.0); | ( 394221.7, |
| 3815910.8,  | 889.5,     | 1439.5, | 0.0);   |       |             |
| ( 394232.5, | 3815890.0, | 887.7,  | 1439.5, | 0.0); | ( 394243.3, |
| 3815869.1,  | 887.5,     | 1439.5, | 0.0);   |       |             |
| ( 394254.1, | 3815848.2, | 887.4,  | 1439.5, | 0.0); | ( 394265.0, |
| 3815827.4,  | 887.5,     | 1439.5, | 0.0);   |       |             |
| ( 394275.8, | 3815806.5, | 887.6,  | 1439.5, | 0.0); | ( 394286.6, |
| 3815785.7,  | 887.6,     | 1439.5, | 0.0);   |       |             |
| ( 394297.4, | 3815764.8, | 887.5,  | 1439.5, | 0.0); | ( 394308.2, |
| 3815743.9,  | 887.5,     | 1439.5, | 0.0);   |       |             |
| ( 394319.0, | 3815723.1, | 887.7,  | 1439.5, | 0.0); | ( 394329.9, |
| 3815702.2,  | 887.8,     | 1439.5, | 0.0);   |       |             |
| ( 394340.7, | 3815681.4, | 887.8,  | 1439.5, | 0.0); | ( 394351.5, |
| 3815660.5,  | 887.8,     | 1353.8, | 0.0);   |       |             |
| ( 394362.3, | 3815639.7, | 888.3,  | 1353.8, | 0.0); | ( 394373.1, |
| 3815618.8,  | 889.2,     | 1353.8, | 0.0);   |       |             |
| ( 394384.0, | 3815597.9, | 890.4,  | 1353.8, | 0.0); | ( 394417.7, |
| 3815572.0,  | 894.4,     | 1353.8, | 0.0);   |       |             |
| ( 394440.7, | 3815566.9, | 896.0,  | 1353.8, | 0.0); | ( 394463.6, |
| 3815561.8,  | 897.4,     | 1353.8, | 0.0);   |       |             |
| ( 394486.5, | 3815556.7, | 899.0,  | 1353.8, | 0.0); | ( 394509.5, |
| 3815551.6,  | 899.6,     | 1353.8, | 0.0);   |       |             |
| ( 394532.4, | 3815546.5, | 899.6,  | 1353.8, | 0.0); | ( 394555.3, |
| 3815541.4,  | 900.1,     | 1353.8, | 0.0);   |       |             |
| ( 394578.3, | 3815536.3, | 901.0,  | 1353.8, | 0.0); | ( 394601.2, |
| 3815531.2,  | 902.1,     | 1353.8, | 0.0);   |       |             |
| ( 394624.1, | 3815526.1, | 903.6,  | 1353.8, | 0.0); | ( 394647.1, |
| 3815521.0,  | 905.6,     | 1353.8, | 0.0);   |       |             |
| ( 394670.0, | 3815515.9, | 908.0,  | 1353.8, | 0.0); | ( 394693.0, |
| 3815510.8,  | 910.7,     | 1353.8, | 0.0);   |       |             |
| ( 394715.9, | 3815505.7, | 914.3,  | 1353.8, | 0.0); | ( 394738.8, |
| 3815500.6,  | 918.2,     | 1353.8, | 0.0);   |       |             |
| ( 394761.8, | 3815495.5, | 919.2,  | 1353.8, | 0.0); | ( 394784.7, |
| 3815490.4,  | 920.6,     | 1353.8, | 0.0);   |       |             |
| ( 394807.6, | 3815485.3, | 922.0,  | 1353.8, | 0.0); | ( 394830.6, |
| 3815480.2,  | 923.3,     | 1353.8, | 0.0);   |       |             |
| ( 394853.5, | 3815475.1, | 924.5,  | 1353.8, | 0.0); | ( 394876.5, |
| 3815469.9,  | 925.8,     | 1353.8, | 0.0);   |       |             |
| ( 394899.4, | 3815464.8, | 927.1,  | 1353.8, | 0.0); | ( 394922.3, |

```

3815459.8, 928.4, 1353.8, 0.0);
(394945.3, 3815454.6, 929.7, 1353.8, 0.0); (394968.2,
3815449.5, 931.1, 1353.8, 0.0);
(394991.1, 3815444.4, 932.4, 1353.8, 0.0); (394102.6,
3816140.2, 897.9, 1439.5, 0.0);
(394101.6, 3816164.5, 898.3, 1439.5, 0.0); (394100.6,
3816188.7, 898.8, 1439.5, 0.0);
(394099.6, 3816212.9, 899.1, 1439.5, 0.0); (394098.6,
3816237.1, 899.3, 1439.5, 0.0);
(394097.6, 3816261.3, 899.4, 1439.5, 0.0); (394096.6,
3816285.5, 899.5, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 214

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394013.8, 3816114.8, 895.7, 1439.5, 0.0); (394024.8,
3816093.5, 895.6, 1439.5, 0.0);
(394035.8, 3816072.2, 895.5, 1439.5, 0.0); (394046.9,
3816051.0, 895.4, 1439.5, 0.0);
(394057.9, 3816029.7, 895.3, 1439.5, 0.0); (394069.0,
3816008.4, 895.4, 1439.5, 0.0);
(394080.0, 3815987.1, 895.6, 1439.5, 0.0); (394091.0,
3815965.9, 895.6, 1439.5, 0.0);
(394102.1, 3815944.6, 895.4, 1439.5, 0.0); (394113.1,
3815923.3, 895.3, 1439.5, 0.0);
(394124.1, 3815902.0, 894.7, 1439.5, 0.0); (394135.2,
3815880.8, 891.7, 1439.5, 0.0);
(394146.2, 3815859.5, 888.1, 1439.5, 0.0); (394157.2,
3815838.2, 885.6, 1439.5, 0.0);
(394168.3, 3815816.9, 885.5, 1439.5, 0.0); (394179.3,
3815795.7, 885.5, 1439.5, 0.0);
(394190.3, 3815774.4, 885.6, 1439.5, 0.0); (394201.4,
3815753.1, 885.7, 1439.5, 0.0);
(394212.4, 3815731.8, 885.6, 1439.5, 0.0); (394223.5,
3815710.6, 885.5, 1439.5, 0.0);
(394234.5, 3815689.3, 885.4, 1439.5, 0.0); (394245.5,
3815668.0, 885.5, 1439.5, 0.0);
(394256.6, 3815646.7, 885.7, 1439.5, 0.0); (394267.6,
3815625.5, 886.1, 1353.8, 0.0);
(394278.6, 3815604.2, 886.8, 1937.2, 0.0); (394289.7,
3815582.9, 888.1, 1937.2, 0.0);
(394300.7, 3815561.6, 889.5, 1937.2, 0.0); (394311.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815540.4,  | 890.9,     | 1937.2, | 0.0);   |       |             |
| ( 394322.8, | 3815519.1, | 892.2,  | 1937.2, | 0.0); | ( 394357.2, |
| 3815492.6,  | 895.0,     | 1937.2, | 0.0);   |       |             |
| ( 394380.6, | 3815487.4, | 896.2,  | 1353.8, | 0.0); | ( 394404.0, |
| 3815482.2,  | 898.2,     | 1353.8, | 0.0);   |       |             |
| ( 394427.4, | 3815477.0, | 900.9,  | 1353.8, | 0.0); | ( 394450.8, |
| 3815471.8,  | 903.8,     | 1353.8, | 0.0);   |       |             |
| ( 394474.2, | 3815466.6, | 905.7,  | 1353.8, | 0.0); | ( 394497.6, |
| 3815461.4,  | 906.8,     | 1353.8, | 0.0);   |       |             |
| ( 394521.0, | 3815456.2, | 908.0,  | 1353.8, | 0.0); | ( 394544.4, |
| 3815451.0,  | 909.8,     | 1353.8, | 0.0);   |       |             |
| ( 394567.8, | 3815445.8, | 911.7,  | 1353.8, | 0.0); | ( 394591.2, |
| 3815440.6,  | 913.6,     | 1353.8, | 0.0);   |       |             |
| ( 394614.6, | 3815435.4, | 914.9,  | 1353.8, | 0.0); | ( 394638.0, |
| 3815430.2,  | 915.5,     | 1353.8, | 0.0);   |       |             |
| ( 394661.4, | 3815425.0, | 916.4,  | 1353.8, | 0.0); | ( 394684.8, |
| 3815419.8,  | 917.0,     | 1353.8, | 0.0);   |       |             |
| ( 394708.1, | 3815414.6, | 915.6,  | 1353.8, | 0.0); | ( 394731.5, |
| 3815409.4,  | 913.9,     | 1353.8, | 0.0);   |       |             |
| ( 394754.9, | 3815404.1, | 914.3,  | 1353.8, | 0.0); | ( 394778.3, |
| 3815398.9,  | 916.0,     | 1353.8, | 0.0);   |       |             |
| ( 394801.7, | 3815393.8, | 918.7,  | 1353.8, | 0.0); | ( 394825.1, |
| 3815388.5,  | 922.3,     | 1353.8, | 0.0);   |       |             |
| ( 394848.5, | 3815383.3, | 926.2,  | 1353.8, | 0.0); | ( 394871.9, |
| 3815378.1,  | 929.1,     | 1353.8, | 0.0);   |       |             |
| ( 394895.3, | 3815372.9, | 930.6,  | 1353.8, | 0.0); | ( 394918.7, |
| 3815367.7,  | 931.7,     | 1353.8, | 0.0);   |       |             |
| ( 394942.1, | 3815362.5, | 933.3,  | 1353.8, | 0.0); | ( 394965.5, |
| 3815357.3,  | 935.0,     | 1353.8, | 0.0);   |       |             |
| ( 394988.9, | 3815352.1, | 936.5,  | 1353.8, | 0.0); | ( 395012.3, |
| 3815346.9,  | 938.0,     | 1353.8, | 0.0);   |       |             |
| ( 394002.7, | 3816136.1, | 895.8,  | 1439.5, | 0.0); | ( 394001.7, |
| 3816160.3,  | 896.1,     | 1439.5, | 0.0);   |       |             |
| ( 394000.7, | 3816184.5, | 896.5,  | 1439.5, | 0.0); | ( 393999.7, |
| 3816208.7,  | 896.6,     | 1439.5, | 0.0);   |       |             |
| ( 393998.7, | 3816232.9, | 896.8,  | 1439.5, | 0.0); | ( 393997.7, |
| 3816257.1,  | 897.2,     | 1439.5, | 0.0);   |       |             |
| ( 393996.6, | 3816281.3, | 898.0,  | 1439.5, | 0.0); | ( 393763.9, |
| 3816104.4,  | 889.1,     | 1439.5, | 0.0);   |       |             |
| ( 393774.9, | 3816083.2, | 889.2,  | 1439.5, | 0.0); | ( 393785.9, |
| 3816062.1,  | 889.4,     | 1439.5, | 0.0);   |       |             |
| ( 393796.9, | 3816040.9, | 889.4,  | 1439.5, | 0.0); | ( 393807.9, |
| 3816019.7,  | 889.4,     | 1439.5, | 0.0);   |       |             |
| ( 393818.9, | 3815998.5, | 889.4,  | 1439.5, | 0.0); | ( 393829.9, |
| 3815977.4,  | 889.3,     | 1439.5, | 0.0);   |       |             |
| ( 393840.8, | 3815956.2, | 889.1,  | 1439.5, | 0.0); | ( 393851.8, |
| 3815935.0,  | 888.9,     | 1439.5, | 0.0);   |       |             |
| ( 393862.8, | 3815913.8, | 888.6,  | 1439.5, | 0.0); | ( 393873.8, |
| 3815892.6,  | 888.8,     | 1439.5, | 0.0);   |       |             |
| ( 393884.8, | 3815871.5, | 889.0,  | 1439.5, | 0.0); | ( 393895.8, |

```

3815850.3, 888.8, 1439.5, 0.0);
 (393906.8, 3815829.1, 888.6, 1439.5, 0.0); (393917.8,
3815807.9, 887.7, 1439.5, 0.0);
 (393928.7, 3815786.8, 885.5, 1439.5, 0.0); (393939.7,
3815765.6, 882.8, 1439.5, 0.0);
 (393950.7, 3815744.4, 881.3, 1937.2, 0.0); (393961.7,
3815723.2, 881.2, 1937.2, 0.0);
 (393972.7, 3815702.0, 881.1, 1937.2, 0.0); (393983.7,
3815680.9, 881.3, 1937.2, 0.0);
 (393994.7, 3815659.7, 881.6, 1937.2, 0.0); (394005.6,
3815638.5, 881.7, 1937.2, 0.0);
 (394016.6, 3815617.3, 881.6, 1937.2, 0.0); (394027.6,
3815596.1, 881.5, 1937.2, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 215

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394038.6, 3815575.0, 881.6, 1937.2, 0.0); (394049.6,
3815553.8, 881.8, 1937.2, 0.0);
 (394060.6, 3815532.6, 881.8, 1979.8, 0.0); (394071.6,
3815511.4, 881.9, 1980.1, 0.0);
 (394082.5, 3815490.2, 881.9, 1980.1, 0.0); (394093.5,
3815469.1, 882.1, 1980.1, 0.0);
 (394104.5, 3815447.9, 882.2, 1980.1, 0.0); (394115.5,
3815426.7, 882.9, 1980.1, 0.0);
 (394126.5, 3815405.5, 884.0, 1980.1, 0.0); (394137.5,
3815384.4, 885.2, 1980.1, 0.0);
 (394148.5, 3815363.2, 886.9, 1980.1, 0.0); (394159.5,
3815342.0, 888.6, 1980.1, 0.0);
 (394170.4, 3815320.8, 890.7, 1980.1, 0.0); (394204.7,
3815294.5, 894.1, 1980.1, 0.0);
 (394228.0, 3815289.3, 895.5, 1980.1, 0.0); (394251.3,
3815284.1, 897.5, 1980.1, 0.0);
 (394274.6, 3815278.9, 899.8, 1979.8, 0.0); (394297.9,
3815273.7, 902.1, 1979.8, 0.0);
 (394321.2, 3815268.6, 904.3, 1937.2, 0.0); (394344.5,
3815263.4, 906.4, 1937.2, 0.0);
 (394367.7, 3815258.2, 908.5, 1937.2, 0.0); (394391.0,
3815253.0, 910.8, 1937.2, 0.0);
 (394414.3, 3815247.8, 913.0, 1937.2, 0.0); (394437.6,
3815242.7, 915.2, 1937.2, 0.0);
 (394460.9, 3815237.5, 917.6, 1353.8, 0.0); (394484.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815232.3,  | 919.5,     | 1353.8, | 0.0);   |       |             |
| ( 394507.5, | 3815227.1, | 920.8,  | 1353.8, | 0.0); | ( 394530.8, |
| 3815221.9,  | 921.8,     | 1353.8, | 0.0);   |       |             |
| ( 394554.1, | 3815216.8, | 924.9,  | 1353.8, | 0.0); | ( 394577.3, |
| 3815211.6,  | 928.6,     | 1353.8, | 0.0);   |       |             |
| ( 394600.6, | 3815206.4, | 932.2,  | 1353.8, | 0.0); | ( 394623.9, |
| 3815201.2,  | 935.1,     | 1353.8, | 0.0);   |       |             |
| ( 394647.2, | 3815196.0, | 936.2,  | 1353.8, | 0.0); | ( 394670.5, |
| 3815190.9,  | 935.3,     | 1353.8, | 0.0);   |       |             |
| ( 394693.8, | 3815185.7, | 933.6,  | 1353.8, | 0.0); | ( 394717.1, |
| 3815180.5,  | 932.6,     | 1353.8, | 0.0);   |       |             |
| ( 394740.4, | 3815175.3, | 933.4,  | 1353.8, | 0.0); | ( 394763.7, |
| 3815170.1,  | 936.2,     | 1353.8, | 0.0);   |       |             |
| ( 394787.0, | 3815165.0, | 939.8,  | 1353.8, | 0.0); | ( 394810.2, |
| 3815159.8,  | 940.6,     | 1353.8, | 0.0);   |       |             |
| ( 394833.5, | 3815154.6, | 939.6,  | 1353.8, | 0.0); | ( 394856.8, |
| 3815149.4,  | 938.2,     | 1353.8, | 0.0);   |       |             |
| ( 394880.1, | 3815144.2, | 938.7,  | 1353.8, | 0.0); | ( 394903.4, |
| 3815139.1,  | 942.0,     | 1353.8, | 0.0);   |       |             |
| ( 394926.7, | 3815133.9, | 945.8,  | 1353.8, | 0.0); | ( 394950.0, |
| 3815128.7,  | 949.4,     | 1353.8, | 0.0);   |       |             |
| ( 394973.3, | 3815123.5, | 952.2,  | 1353.8, | 0.0); | ( 394996.6, |
| 3815118.3,  | 953.0,     | 1353.8, | 0.0);   |       |             |
| ( 395019.8, | 3815113.2, | 950.6,  | 1353.8, | 0.0); | ( 395043.1, |
| 3815108.0,  | 949.0,     | 1353.8, | 0.0);   |       |             |
| ( 395066.4, | 3815102.8, | 950.0,  | 1353.8, | 0.0); | ( 393753.0, |
| 3816125.6,  | 888.9,     | 1439.5, | 0.0);   |       |             |
| ( 393751.9, | 3816149.8, | 889.6,  | 1439.5, | 0.0); | ( 393750.9, |
| 3816174.0,  | 890.0,     | 1439.5, | 0.0);   |       |             |
| ( 393749.9, | 3816198.2, | 890.1,  | 1439.5, | 0.0); | ( 393748.9, |
| 3816222.4,  | 890.2,     | 1439.5, | 0.0);   |       |             |
| ( 393747.9, | 3816246.6, | 890.6,  | 1439.5, | 0.0); | ( 393746.9, |
| 3816270.8,  | 891.3,     | 1439.5, | 0.0);   |       |             |
| ( 393514.1, | 3816094.0, | 882.8,  | 1439.5, | 0.0); | ( 393525.1, |
| 3816072.9,  | 882.8,     | 1439.5, | 0.0);   |       |             |
| ( 393536.0, | 3816051.8, | 882.8,  | 1439.5, | 0.0); | ( 393547.0, |
| 3816030.7,  | 882.9,     | 1439.5, | 0.0);   |       |             |
| ( 393558.0, | 3816009.6, | 883.1,  | 1439.5, | 0.0); | ( 393568.9, |
| 3815988.4,  | 883.2,     | 1439.5, | 0.0);   |       |             |
| ( 393579.9, | 3815967.3, | 882.8,  | 1439.5, | 0.0); | ( 393590.8, |
| 3815946.2,  | 882.3,     | 1439.5, | 0.0);   |       |             |
| ( 393601.8, | 3815925.1, | 882.0,  | 1439.5, | 0.0); | ( 393612.7, |
| 3815904.0,  | 882.5,     | 1439.5, | 0.0);   |       |             |
| ( 393623.7, | 3815882.8, | 883.1,  | 1439.5, | 0.0); | ( 393634.6, |
| 3815861.7,  | 883.1,     | 1439.5, | 0.0);   |       |             |
| ( 393645.6, | 3815840.6, | 882.9,  | 1439.5, | 0.0); | ( 393656.5, |
| 3815819.5,  | 882.9,     | 1937.2, | 0.0);   |       |             |
| ( 393667.5, | 3815798.4, | 883.1,  | 1937.2, | 0.0); | ( 393678.5, |
| 3815777.3,  | 882.9,     | 1937.2, | 0.0);   |       |             |
| ( 393689.4, | 3815756.1, | 881.8,  | 1937.2, | 0.0); | ( 393700.4, |



```

3815735.0, 880.7, 1937.2, 0.0);
(393711.3, 3815713.9, 880.4, 1937.2, 0.0); (393722.3,
3815692.8, 879.7, 1937.2, 0.0);
(393733.2, 3815671.7, 878.2, 1937.2, 0.0); (393744.2,
3815650.5, 877.4, 1979.8, 0.0);
(393755.1, 3815629.4, 877.2, 1980.1, 0.0); (393766.1,
3815608.3, 877.1, 1980.1, 0.0);
(393777.0, 3815587.2, 877.1, 1980.1, 0.0); (393788.0,
3815566.1, 877.1, 1980.1, 0.0);
(393799.0, 3815545.0, 877.0, 1980.1, 0.0); (393809.9,
3815523.8, 876.9, 1980.1, 0.0);
(393820.9, 3815502.7, 876.9, 1980.1, 0.0); (393831.8,
3815481.6, 876.8, 1980.1, 0.0);
(393842.8, 3815460.5, 876.8, 1988.2, 0.0); (393853.7,
3815439.4, 876.8, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 216

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393864.7, 3815418.2, 876.9, 1989.7, 0.0); (393875.6,
3815397.1, 876.9, 1989.7, 0.0);
(393886.6, 3815376.0, 876.9, 1989.7, 0.0); (393897.6,
3815354.9, 877.1, 1989.7, 0.0);
(393908.5, 3815333.8, 877.3, 1989.7, 0.0); (393919.5,
3815312.6, 879.3, 1989.7, 0.0);
(393930.4, 3815291.5, 883.5, 1989.7, 0.0); (393941.4,
3815270.4, 893.0, 1989.7, 0.0);
(393952.3, 3815249.3, 902.8, 1980.1, 0.0); (393963.3,
3815228.2, 912.6, 1979.8, 0.0);
(393974.2, 3815207.1, 922.7, 1937.2, 0.0); (393985.2,
3815185.9, 931.7, 1937.2, 0.0);
(393996.2, 3815164.8, 939.2, 1353.8, 0.0); (394007.1,
3815143.7, 942.1, 1353.8, 0.0);
(394018.1, 3815122.6, 940.7, 1937.2, 0.0); (394052.2,
3815096.3, 939.3, 1937.2, 0.0);
(394075.5, 3815091.1, 942.4, 1353.8, 0.0); (394098.7,
3815086.0, 947.0, 1353.8, 0.0);
(394121.9, 3815080.8, 952.4, 1353.8, 0.0); (394145.1,
3815075.6, 957.5, 1353.8, 0.0);
(394168.4, 3815070.5, 957.4, 1353.8, 0.0); (394191.6,
3815065.3, 954.5, 1353.8, 0.0);
(394214.8, 3815060.1, 952.2, 1353.8, 0.0); (394238.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815055.0,  | 949.3,     | 1353.8, | 0.0);   |       |             |
| ( 394261.3, | 3815049.8, | 947.5,  | 1353.8, | 0.0); | ( 394284.5, |
| 3815044.6,  | 947.4,     | 1353.8, | 0.0);   |       |             |
| ( 394307.7, | 3815039.5, | 948.4,  | 1353.8, | 0.0); | ( 394330.9, |
| 3815034.3,  | 950.2,     | 1353.8, | 0.0);   |       |             |
| ( 394354.1, | 3815029.1, | 952.0,  | 1353.8, | 0.0); | ( 394377.4, |
| 3815024.0,  | 954.6,     | 1353.8, | 0.0);   |       |             |
| ( 394400.6, | 3815018.8, | 954.1,  | 1353.8, | 0.0); | ( 394423.8, |
| 3815013.6,  | 957.6,     | 1353.8, | 0.0);   |       |             |
| ( 394447.0, | 3815008.5, | 960.1,  | 1353.8, | 0.0); | ( 394470.3, |
| 3815003.3,  | 962.4,     | 1353.8, | 0.0);   |       |             |
| ( 394493.5, | 3814998.2, | 961.9,  | 1353.8, | 0.0); | ( 394516.7, |
| 3814993.0,  | 960.0,     | 1353.8, | 0.0);   |       |             |
| ( 394539.9, | 3814987.8, | 961.4,  | 1353.8, | 0.0); | ( 394563.2, |
| 3814982.7,  | 964.8,     | 1353.8, | 0.0);   |       |             |
| ( 394586.4, | 3814977.5, | 965.5,  | 1353.8, | 0.0); | ( 394609.6, |
| 3814972.3,  | 966.7,     | 1353.8, | 0.0);   |       |             |
| ( 394632.8, | 3814967.2, | 975.6,  | 1353.8, | 0.0); | ( 394656.1, |
| 3814962.0,  | 984.3,     | 1353.8, | 0.0);   |       |             |
| ( 394679.3, | 3814956.8, | 986.8,  | 1353.8, | 0.0); | ( 394702.5, |
| 3814951.7,  | 981.5,     | 1353.8, | 0.0);   |       |             |
| ( 394725.7, | 3814946.5, | 974.3,  | 1353.8, | 0.0); | ( 394749.0, |
| 3814941.3,  | 967.1,     | 1353.8, | 0.0);   |       |             |
| ( 394772.2, | 3814936.2, | 961.8,  | 1353.8, | 0.0); | ( 394795.4, |
| 3814931.0,  | 961.9,     | 1353.8, | 0.0);   |       |             |
| ( 394818.6, | 3814925.8, | 963.8,  | 1353.8, | 0.0); | ( 394841.8, |
| 3814920.7,  | 963.1,     | 1353.8, | 0.0);   |       |             |
| ( 394865.1, | 3814915.5, | 960.8,  | 1353.8, | 0.0); | ( 394888.3, |
| 3814910.3,  | 960.8,     | 1353.8, | 0.0);   |       |             |
| ( 394911.5, | 3814905.2, | 964.8,  | 1353.8, | 0.0); | ( 394934.7, |
| 3814900.0,  | 968.1,     | 1353.8, | 0.0);   |       |             |
| ( 394958.0, | 3814894.8, | 970.7,  | 1353.8, | 0.0); | ( 394981.2, |
| 3814889.7,  | 973.5,     | 1353.8, | 0.0);   |       |             |
| ( 395004.4, | 3814884.5, | 975.7,  | 1353.8, | 0.0); | ( 395027.6, |
| 3814879.3,  | 976.8,     | 1353.8, | 0.0);   |       |             |
| ( 395050.9, | 3814874.2, | 981.7,  | 1353.8, | 0.0); | ( 395074.1, |
| 3814869.0,  | 989.5,     | 1353.8, | 0.0);   |       |             |
| ( 395097.3, | 3814863.9, | 998.2,  | 1353.8, | 0.0); | ( 395120.5, |
| 3814858.7,  | 1007.7,    | 1353.8, | 0.0);   |       |             |
| ( 393503.2, | 3816115.2, | 882.5,  | 1439.5, | 0.0); | ( 393502.2, |
| 3816139.4,  | 882.6,     | 1439.5, | 0.0);   |       |             |
| ( 393501.1, | 3816163.6, | 883.0,  | 1439.5, | 0.0); | ( 393500.1, |
| 3816187.8,  | 883.8,     | 1439.5, | 0.0);   |       |             |
| ( 393499.1, | 3816212.0, | 884.4,  | 1439.5, | 0.0); | ( 393498.1, |
| 3816236.2,  | 885.2,     | 1439.5, | 0.0);   |       |             |
| ( 393497.1, | 3816260.4, | 886.1,  | 1439.5, | 0.0); | ( 393264.5, |
| 3816083.2,  | 880.9,     | 1439.5, | 0.0);   |       |             |
| ( 393275.6, | 3816061.8, | 880.3,  | 1439.5, | 0.0); | ( 393286.8, |
| 3816040.3,  | 879.5,     | 1439.5, | 0.0);   |       |             |
| ( 393297.9, | 3816018.9, | 878.5,  | 1439.5, | 0.0); | ( 393309.0, |

```

3815997.4, 877.6, 1439.5, 0.0);
(393320.2, 3815976.0, 877.0, 1439.5, 0.0); (393331.3,
3815954.5, 875.8, 1937.2, 0.0);
(393342.4, 3815933.1, 874.5, 1937.2, 0.0); (393353.5,
3815911.6, 874.6, 1937.2, 0.0);
(393364.7, 3815890.2, 875.7, 1937.2, 0.0); (393375.8,
3815868.7, 876.3, 1937.2, 0.0);
(393386.9, 3815847.2, 876.4, 1937.2, 0.0); (393398.1,
3815825.8, 876.1, 1937.2, 0.0);
(393409.2, 3815804.3, 875.4, 1937.2, 0.0); (393420.3,
3815782.9, 875.4, 1937.2, 0.0);
(393431.5, 3815761.4, 876.2, 1937.2, 0.0); (393442.6,
3815740.0, 875.9, 1937.2, 0.0);
(393453.7, 3815718.5, 875.9, 1979.8, 0.0); (393464.8,
3815697.1, 876.6, 1980.1, 0.0);
(393476.0, 3815675.6, 877.3, 1980.1, 0.0); (393487.1,
3815654.2, 877.4, 1980.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 217

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393498.2, 3815632.7, 876.9, 1980.1, 0.0); (393509.4,
3815611.3, 876.1, 1980.1, 0.0);
(393520.5, 3815589.8, 875.0, 1980.1, 0.0); (393531.6,
3815568.4, 873.9, 1980.1, 0.0);
(393542.8, 3815546.9, 873.5, 1988.2, 0.0); (393553.9,
3815525.4, 873.5, 1989.7, 0.0);
(393565.0, 3815504.0, 873.4, 1989.7, 0.0); (393576.1,
3815482.5, 873.2, 1989.7, 0.0);
(393587.3, 3815461.1, 873.1, 1989.7, 0.0); (393598.4,
3815439.6, 873.1, 1989.7, 0.0);
(393609.5, 3815418.2, 873.1, 1989.7, 0.0); (393620.6,
3815396.7, 873.0, 1989.7, 0.0);
(393631.8, 3815375.3, 873.0, 1989.7, 0.0); (393642.9,
3815353.8, 872.9, 1989.7, 0.0);
(393654.0, 3815332.4, 872.8, 1989.7, 0.0); (393665.2,
3815310.9, 872.8, 1989.7, 0.0);
(393676.3, 3815289.5, 873.3, 1989.7, 0.0); (393687.4,
3815268.0, 876.0, 1989.7, 0.0);
(393698.6, 3815246.5, 881.4, 1989.7, 0.0); (393709.7,
3815225.1, 886.1, 1989.7, 0.0);
(393720.8, 3815203.6, 887.6, 1989.7, 0.0); (393731.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815182.2,  | 888.2,     | 1989.7, | 0.0);   |       |             |
| ( 393743.1, | 3815160.7, | 888.9,  | 1989.7, | 0.0); | ( 393754.2, |
| 3815139.3,  | 889.1,     | 1989.7, | 0.0);   |       |             |
| ( 393765.3, | 3815117.8, | 889.3,  | 1989.7, | 0.0); | ( 393776.5, |
| 3815096.4,  | 889.4,     | 1989.7, | 0.0);   |       |             |
| ( 393787.6, | 3815074.9, | 889.8,  | 1989.7, | 0.0); | ( 393798.7, |
| 3815053.5,  | 892.2,     | 1989.7, | 0.0);   |       |             |
| ( 393809.8, | 3815032.0, | 894.1,  | 1989.7, | 0.0); | ( 393821.0, |
| 3815010.6,  | 894.8,     | 1989.7, | 0.0);   |       |             |
| ( 393832.1, | 3814989.1, | 895.5,  | 1989.7, | 0.0); | ( 393843.2, |
| 3814967.6,  | 896.4,     | 1989.7, | 0.0);   |       |             |
| ( 393854.4, | 3814946.2, | 898.0,  | 1989.7, | 0.0); | ( 393865.5, |
| 3814924.7,  | 900.0,     | 1989.7, | 0.0);   |       |             |
| ( 393900.2, | 3814898.0, | 906.8,  | 1989.7, | 0.0); | ( 393923.8, |
| 3814892.8,  | 909.4,     | 1989.7, | 0.0);   |       |             |
| ( 393947.4, | 3814887.5, | 911.1,  | 1989.7, | 0.0); | ( 393971.0, |
| 3814882.3,  | 912.6,     | 1989.7, | 0.0);   |       |             |
| ( 393994.6, | 3814877.0, | 914.8,  | 1989.7, | 0.0); | ( 394018.2, |
| 3814871.8,  | 921.3,     | 1989.7, | 0.0);   |       |             |
| ( 394041.8, | 3814866.6, | 930.8,  | 1988.2, | 0.0); | ( 394065.4, |
| 3814861.3,  | 939.4,     | 1980.1, | 0.0);   |       |             |
| ( 394089.0, | 3814856.1, | 947.4,  | 1979.8, | 0.0); | ( 394112.5, |
| 3814850.8,  | 954.6,     | 1937.2, | 0.0);   |       |             |
| ( 394136.1, | 3814845.6, | 961.3,  | 1937.2, | 0.0); | ( 394159.7, |
| 3814840.3,  | 968.9,     | 1353.8, | 0.0);   |       |             |
| ( 394183.3, | 3814835.1, | 977.0,  | 1353.8, | 0.0); | ( 394206.9, |
| 3814829.8,  | 984.9,     | 1353.8, | 0.0);   |       |             |
| ( 394230.5, | 3814824.6, | 991.1,  | 1353.8, | 0.0); | ( 394254.1, |
| 3814819.3,  | 996.5,     | 1353.8, | 0.0);   |       |             |
| ( 394277.7, | 3814814.1, | 1004.4, | 1353.8, | 0.0); | ( 394301.3, |
| 3814808.8,  | 1014.5,    | 1353.8, | 0.0);   |       |             |
| ( 394324.9, | 3814803.6, | 1025.4, | 1353.8, | 0.0); | ( 394348.5, |
| 3814798.3,  | 1036.0,    | 1353.8, | 0.0);   |       |             |
| ( 394372.1, | 3814793.1, | 1038.9, | 1353.8, | 0.0); | ( 394395.6, |
| 3814787.8,  | 1031.5,    | 1353.8, | 0.0);   |       |             |
| ( 394419.2, | 3814782.6, | 1027.0, | 1353.8, | 0.0); | ( 394442.8, |
| 3814777.3,  | 1023.4,    | 1353.8, | 0.0);   |       |             |
| ( 394466.4, | 3814772.1, | 1021.1, | 1353.8, | 0.0); | ( 394490.0, |
| 3814766.9,  | 1018.6,    | 1353.8, | 0.0);   |       |             |
| ( 394513.6, | 3814761.6, | 1015.4, | 1353.8, | 0.0); | ( 394537.2, |
| 3814756.4,  | 1013.1,    | 1353.8, | 0.0);   |       |             |
| ( 394560.8, | 3814751.1, | 1013.1, | 1353.8, | 0.0); | ( 394584.4, |
| 3814745.9,  | 1016.8,    | 1353.8, | 0.0);   |       |             |
| ( 394608.0, | 3814740.6, | 1021.8, | 1353.8, | 0.0); | ( 394631.6, |
| 3814735.4,  | 1023.0,    | 1353.8, | 0.0);   |       |             |
| ( 394655.2, | 3814730.1, | 1023.6, | 1353.8, | 0.0); | ( 394678.8, |
| 3814724.9,  | 1026.4,    | 1353.8, | 0.0);   |       |             |
| ( 394702.3, | 3814719.6, | 1028.8, | 1353.8, | 0.0); | ( 394725.9, |
| 3814714.4,  | 1033.4,    | 1353.8, | 0.0);   |       |             |
| ( 394749.5, | 3814709.1, | 1038.8, | 1353.8, | 0.0); | ( 394773.1, |

```

3814703.9, 1040.4, 1353.8, 0.0);
(394796.7, 3814698.6, 1041.5, 1353.8, 0.0); (394820.3,
3814693.4, 1042.5, 1353.8, 0.0);
(394843.9, 3814688.1, 1041.7, 1353.8, 0.0); (394867.5,
3814682.9, 1039.0, 1353.8, 0.0);
(394891.1, 3814677.6, 1035.0, 1353.8, 0.0); (394914.7,
3814672.4, 1030.3, 1353.8, 0.0);
(394938.3, 3814667.1, 1027.6, 1353.8, 0.0); (394961.9,
3814661.9, 1031.1, 1353.8, 0.0);
(394985.5, 3814656.7, 1038.1, 1353.8, 0.0); (395009.0,
3814651.4, 1045.8, 1353.8, 0.0);
(395032.6, 3814646.2, 1053.0, 1353.8, 0.0); (395056.2,
3814640.9, 1057.0, 1353.8, 0.0);
(395079.8, 3814635.7, 1061.6, 1353.8, 0.0); (395103.4,
3814630.4, 1068.4, 1353.8, 0.0);
(395127.0, 3814625.2, 1077.6, 1353.8, 0.0); (395150.6,
3814619.9, 1084.2, 1353.8, 0.0);
(395174.2, 3814614.7, 1084.4, 1353.8, 0.0); (393253.4,
3816104.7, 881.4, 1439.5, 0.0);
*** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 218

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393252.4, 3816128.9, 882.9, 1439.5, 0.0); (393251.4,
3816153.1, 883.9, 1439.5, 0.0);
(393250.3, 3816177.3, 884.7, 1439.5, 0.0); (393249.3,
3816201.5, 885.5, 1439.5, 0.0);
(393248.3, 3816225.7, 886.4, 1439.5, 0.0); (393247.3,
3816249.9, 887.3, 1439.5, 0.0);
(393014.7, 3816072.9, 877.7, 1439.5, 0.0); (393025.8,
3816051.5, 876.2, 1439.5, 0.0);
(393036.9, 3816030.1, 875.1, 1937.2, 0.0); (393048.0,
3816008.8, 874.7, 1937.2, 0.0);
(393059.0, 3815987.4, 874.8, 1937.2, 0.0); (393070.1,
3815966.0, 876.1, 1937.2, 0.0);
(393081.2, 3815944.6, 876.7, 1937.2, 0.0); (393092.3,
3815923.3, 876.3, 1937.2, 0.0);
(393103.4, 3815901.9, 875.5, 1937.2, 0.0); (393114.5,
3815880.5, 874.8, 1937.2, 0.0);
(393125.6, 3815859.2, 874.0, 1937.2, 0.0); (393136.6,
3815837.8, 873.0, 1937.2, 0.0);
(393147.7, 3815816.4, 872.2, 1979.8, 0.0); (393158.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815795.0,  | 871.5,     | 1980.1, | 0.0);   |       |             |
| ( 393169.9, | 3815773.7, | 870.8,  | 1980.1, | 0.0); | ( 393181.0, |
| 3815752.3,  | 869.8,     | 1980.1, | 0.0);   |       |             |
| ( 393192.1, | 3815730.9, | 868.3,  | 1980.1, | 0.0); | ( 393203.2, |
| 3815709.6,  | 867.8,     | 1980.1, | 0.0);   |       |             |
| ( 393214.2, | 3815688.2, | 867.9,  | 1980.1, | 0.0); | ( 393225.3, |
| 3815666.8,  | 868.1,     | 1981.6, | 0.0);   |       |             |
| ( 393236.4, | 3815645.4, | 869.7,  | 1981.6, | 0.0); | ( 393247.5, |
| 3815624.1,  | 871.0,     | 1988.2, | 0.0);   |       |             |
| ( 393258.6, | 3815602.7, | 871.8,  | 1989.7, | 0.0); | ( 393269.7, |
| 3815581.3,  | 872.1,     | 1989.7, | 0.0);   |       |             |
| ( 393280.8, | 3815560.0, | 872.4,  | 1989.7, | 0.0); | ( 393291.8, |
| 3815538.6,  | 872.6,     | 1989.7, | 0.0);   |       |             |
| ( 393302.9, | 3815517.2, | 872.2,  | 1989.7, | 0.0); | ( 393314.0, |
| 3815495.8,  | 871.8,     | 1989.7, | 0.0);   |       |             |
| ( 393325.1, | 3815474.5, | 871.5,  | 1989.7, | 0.0); | ( 393336.2, |
| 3815453.1,  | 871.4,     | 1989.7, | 0.0);   |       |             |
| ( 393347.3, | 3815431.7, | 871.4,  | 1989.7, | 0.0); | ( 393358.4, |
| 3815410.4,  | 871.3,     | 1989.7, | 0.0);   |       |             |
| ( 393369.5, | 3815389.0, | 870.9,  | 1989.7, | 0.0); | ( 393380.5, |
| 3815367.6,  | 870.5,     | 1989.7, | 0.0);   |       |             |
| ( 393391.6, | 3815346.2, | 870.1,  | 1989.7, | 0.0); | ( 393402.7, |
| 3815324.9,  | 869.7,     | 1989.7, | 0.0);   |       |             |
| ( 393413.8, | 3815303.5, | 869.3,  | 1989.7, | 0.0); | ( 393424.9, |
| 3815282.1,  | 869.0,     | 1989.7, | 0.0);   |       |             |
| ( 393436.0, | 3815260.8, | 868.9,  | 1989.7, | 0.0); | ( 393447.1, |
| 3815239.4,  | 869.0,     | 1989.7, | 0.0);   |       |             |
| ( 393458.1, | 3815218.0, | 869.1,  | 1989.7, | 0.0); | ( 393469.2, |
| 3815196.6,  | 869.0,     | 1989.7, | 0.0);   |       |             |
| ( 393480.3, | 3815175.3, | 869.3,  | 1989.7, | 0.0); | ( 393491.4, |
| 3815153.9,  | 871.0,     | 1989.7, | 0.0);   |       |             |
| ( 393502.5, | 3815132.5, | 872.0,  | 1989.7, | 0.0); | ( 393513.6, |
| 3815111.2,  | 872.0,     | 1989.7, | 0.0);   |       |             |
| ( 393524.7, | 3815089.8, | 871.9,  | 1989.7, | 0.0); | ( 393535.8, |
| 3815068.4,  | 872.4,     | 1989.7, | 0.0);   |       |             |
| ( 393546.8, | 3815047.0, | 873.3,  | 1989.7, | 0.0); | ( 393557.9, |
| 3815025.7,  | 874.0,     | 1989.7, | 0.0);   |       |             |
| ( 393569.0, | 3815004.3, | 874.6,  | 1989.7, | 0.0); | ( 393580.1, |
| 3814982.9,  | 875.1,     | 1989.7, | 0.0);   |       |             |
| ( 393591.2, | 3814961.6, | 875.7,  | 1989.7, | 0.0); | ( 393602.3, |
| 3814940.2,  | 875.7,     | 1989.7, | 0.0);   |       |             |
| ( 393613.4, | 3814918.8, | 875.3,  | 1989.7, | 0.0); | ( 393624.5, |
| 3814897.4,  | 874.3,     | 1989.7, | 0.0);   |       |             |
| ( 393635.5, | 3814876.1, | 875.5,  | 1989.7, | 0.0); | ( 393646.6, |
| 3814854.7,  | 877.4,     | 1989.7, | 0.0);   |       |             |
| ( 393657.7, | 3814833.3, | 880.8,  | 1989.7, | 0.0); | ( 393668.8, |
| 3814812.0,  | 886.5,     | 1989.7, | 0.0);   |       |             |
| ( 393679.9, | 3814790.6, | 891.8,  | 1989.7, | 0.0); | ( 393691.0, |
| 3814769.2,  | 897.3,     | 1989.7, | 0.0);   |       |             |
| ( 393702.0, | 3814747.9, | 905.8,  | 1989.7, | 0.0); | ( 393713.1, |

```

3814726.5, 913.5, 1989.7, 0.0);
(393747.7, 3814699.9, 921.0, 1989.7, 0.0); (393771.2,
3814694.7, 917.0, 1989.7, 0.0);
(393794.7, 3814689.4, 910.4, 1989.7, 0.0); (393818.2,
3814684.2, 906.4, 1989.7, 0.0);
(393841.7, 3814679.0, 906.4, 1989.7, 0.0); (393865.2,
3814673.8, 909.8, 1989.7, 0.0);
(393888.7, 3814668.5, 916.5, 1989.7, 0.0); (393912.2,
3814663.3, 919.0, 1989.7, 0.0);
(393935.7, 3814658.1, 918.6, 1989.7, 0.0); (393959.2,
3814652.8, 919.9, 1989.7, 0.0);
(393982.7, 3814647.6, 920.3, 1989.7, 0.0); (394006.2,
3814642.4, 921.6, 1989.7, 0.0);
(394029.7, 3814637.2, 926.1, 1989.7, 0.0); (394053.2,
3814631.9, 930.6, 1989.7, 0.0);
(394076.7, 3814626.7, 933.0, 1989.7, 0.0); (394100.2,
3814621.5, 933.1, 1989.7, 0.0);
(394123.8, 3814616.2, 933.0, 1989.7, 0.0); (394147.2,
3814611.0, 936.1, 1989.7, 0.0);
(394170.8, 3814605.8, 944.4, 1989.7, 0.0); (394194.2,
3814600.6, 954.5, 1981.6, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 219

\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394217.8, 3814595.3, 964.3, 1980.1, 0.0); (394241.2,
3814590.1, 974.2, 1937.2, 0.0);
(394264.8, 3814584.9, 978.3, 1937.2, 0.0); (394288.2,
3814579.7, 974.1, 1937.2, 0.0);
(394311.8, 3814574.4, 967.3, 1979.8, 0.0); (394335.3,
3814569.2, 963.0, 1980.1, 0.0);
(394358.8, 3814564.0, 962.8, 1980.1, 0.0); (394382.3,
3814558.8, 962.8, 1980.1, 0.0);
(394405.8, 3814553.5, 961.9, 1980.1, 0.0); (394429.3,
3814548.3, 961.0, 1980.1, 0.0);
(394452.8, 3814543.1, 961.9, 1980.1, 0.0); (394476.3,
3814537.8, 966.4, 1979.8, 0.0);
(394499.8, 3814532.6, 971.7, 1937.2, 0.0); (394523.3,
3814527.4, 975.7, 1937.2, 0.0);
(394546.8, 3814522.2, 978.0, 1937.2, 0.0); (394570.3,
3814516.9, 980.6, 1353.8, 0.0);
(394593.8, 3814511.7, 985.4, 1353.8, 0.0); (394617.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814506.5,  | 991.6,     | 1353.8, | 0.0);   |       |             |
| ( 394640.8, | 3814501.2, | 999.4,  | 1353.8, | 0.0); | ( 394664.3, |
| 3814496.0,  | 1007.6,    | 1353.8, | 0.0);   |       |             |
| ( 394687.8, | 3814490.8, | 1014.5, | 1353.8, | 0.0); | ( 394711.3, |
| 3814485.6,  | 1020.7,    | 1353.8, | 0.0);   |       |             |
| ( 394734.8, | 3814480.3, | 1027.2, | 1353.8, | 0.0); | ( 394758.3, |
| 3814475.1,  | 1033.0,    | 1353.8, | 0.0);   |       |             |
| ( 394781.8, | 3814469.9, | 1036.5, | 1353.8, | 0.0); | ( 394805.3, |
| 3814464.7,  | 1039.5,    | 1353.8, | 0.0);   |       |             |
| ( 394828.8, | 3814459.4, | 1040.3, | 1353.8, | 0.0); | ( 394852.3, |
| 3814454.2,  | 1039.2,    | 1353.8, | 0.0);   |       |             |
| ( 394875.8, | 3814449.0, | 1042.1, | 1353.8, | 0.0); | ( 394899.3, |
| 3814443.8,  | 1046.3,    | 1353.8, | 0.0);   |       |             |
| ( 394922.8, | 3814438.5, | 1053.2, | 1353.8, | 0.0); | ( 394946.3, |
| 3814433.3,  | 1061.7,    | 1353.8, | 0.0);   |       |             |
| ( 394969.8, | 3814428.1, | 1071.7, | 1353.8, | 0.0); | ( 394993.3, |
| 3814422.8,  | 1082.2,    | 1353.8, | 0.0);   |       |             |
| ( 395016.8, | 3814417.6, | 1092.9, | 1353.8, | 0.0); | ( 395040.3, |
| 3814412.4,  | 1103.3,    | 1353.8, | 0.0);   |       |             |
| ( 395063.8, | 3814407.2, | 1112.8, | 1353.8, | 0.0); | ( 395087.3, |
| 3814401.9,  | 1122.1,    | 1353.8, | 0.0);   |       |             |
| ( 395110.8, | 3814396.7, | 1132.6, | 1353.8, | 0.0); | ( 395134.3, |
| 3814391.5,  | 1144.5,    | 1353.8, | 0.0);   |       |             |
| ( 395157.8, | 3814386.2, | 1157.1, | 1353.8, | 0.0); | ( 395181.3, |
| 3814381.0,  | 1171.8,    | 1353.8, | 0.0);   |       |             |
| ( 395204.8, | 3814375.8, | 1185.9, | 1353.8, | 0.0); | ( 395228.3, |
| 3814370.6,  | 1192.2,    | 1319.2, | 0.0);   |       |             |
| ( 393003.6, | 3816094.2, | 878.0,  | 1439.5, | 0.0); | ( 393002.6, |
| 3816118.4,  | 878.8,     | 1439.5, | 0.0);   |       |             |
| ( 393001.6, | 3816142.7, | 879.9,  | 1439.5, | 0.0); | ( 393000.6, |
| 3816166.9,  | 880.9,     | 1439.5, | 0.0);   |       |             |
| ( 392999.6, | 3816191.1, | 882.2,  | 1439.5, | 0.0); | ( 392998.5, |
| 3816215.3,  | 883.3,     | 1439.5, | 0.0);   |       |             |
| ( 392997.5, | 3816239.5, | 884.5,  | 1439.5, | 0.0); | ( 392515.1, |
| 3816052.1,  | 885.4,     | 1439.5, | 0.0);   |       |             |
| ( 392526.1, | 3816030.8, | 883.1,  | 1937.2, | 0.0); | ( 392537.1, |
| 3816009.5,  | 881.0,     | 1937.2, | 0.0);   |       |             |
| ( 392548.2, | 3815988.3, | 879.0,  | 1937.2, | 0.0); | ( 392559.2, |
| 3815967.0,  | 877.3,     | 1937.2, | 0.0);   |       |             |
| ( 392570.2, | 3815945.8, | 875.6,  | 1937.2, | 0.0); | ( 392581.2, |
| 3815924.5,  | 874.0,     | 1937.2, | 0.0);   |       |             |
| ( 392592.3, | 3815903.2, | 872.3,  | 1937.2, | 0.0); | ( 392603.3, |
| 3815882.0,  | 870.9,     | 1979.8, | 0.0);   |       |             |
| ( 392614.3, | 3815860.7, | 869.8,  | 1980.1, | 0.0); | ( 392625.4, |
| 3815839.5,  | 868.9,     | 1980.1, | 0.0);   |       |             |
| ( 392636.4, | 3815818.2, | 867.8,  | 1980.1, | 0.0); | ( 392647.4, |
| 3815796.9,  | 867.0,     | 1980.1, | 0.0);   |       |             |
| ( 392658.5, | 3815775.7, | 866.3,  | 1980.1, | 0.0); | ( 392669.5, |
| 3815754.4,  | 865.3,     | 1981.6, | 0.0);   |       |             |
| ( 392680.5, | 3815733.2, | 864.5,  | 1989.7, | 0.0); | ( 392691.5, |



```

3815711.9, 864.7, 1989.7, 0.0);
(392702.6, 3815690.6, 864.7, 1989.7, 0.0); (392713.6,
3815669.4, 864.1, 1989.7, 0.0);
(392724.6, 3815648.1, 863.4, 1989.7, 0.0); (392735.6,
3815626.9, 862.8, 1989.7, 0.0);
(392746.7, 3815605.6, 862.1, 1989.7, 0.0); (392757.7,
3815584.3, 860.7, 1989.7, 0.0);
(392768.7, 3815563.1, 860.2, 1989.7, 0.0); (392779.8,
3815541.8, 860.5, 1989.7, 0.0);
(392790.8, 3815520.6, 861.1, 1989.7, 0.0); (392801.8,
3815499.3, 861.0, 1989.7, 0.0);
(392812.8, 3815478.0, 860.1, 1989.7, 0.0); (392823.9,
3815456.8, 859.3, 1989.7, 0.0);
(392834.9, 3815435.5, 859.0, 1989.7, 0.0); (392845.9,
3815414.3, 858.8, 1989.7, 0.0);
(392857.0, 3815393.0, 858.7, 1989.7, 0.0); (392868.0,
3815371.8, 858.7, 1989.7, 0.0);
(392879.0, 3815350.5, 858.9, 1989.7, 0.0); (392890.0,
3815329.2, 859.1, 1989.7, 0.0);
(392901.1, 3815308.0, 859.3, 1989.7, 0.0); (392912.1,
3815286.7, 859.6, 1989.7, 0.0);
(392923.1, 3815265.5, 859.8, 1989.7, 0.0); (392934.2,
3815244.2, 860.1, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 220

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392945.2, 3815222.9, 860.4, 1989.7, 0.0); (392956.2,
3815201.7, 860.7, 1989.7, 0.0);
(392967.2, 3815180.4, 860.8, 1989.7, 0.0); (392978.3,
3815159.2, 861.0, 1989.7, 0.0);
(392989.3, 3815137.9, 861.2, 1989.7, 0.0); (393000.3,
3815116.6, 861.3, 1989.7, 0.0);
(393011.4, 3815095.4, 861.3, 1989.7, 0.0); (393022.4,
3815074.1, 861.4, 1989.7, 0.0);
(393033.4, 3815052.9, 861.5, 1989.7, 0.0); (393044.5,
3815031.6, 861.8, 1989.7, 0.0);
(393055.5, 3815010.3, 861.7, 1989.7, 0.0); (393066.5,
3814989.1, 861.6, 1989.7, 0.0);
(393077.5, 3814967.8, 860.8, 1989.7, 0.0); (393088.6,
3814946.6, 861.1, 1989.7, 0.0);
(393099.6, 3814925.3, 861.8, 1989.7, 0.0); (393110.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814904.0,  | 863.4,     | 1989.7, | 0.0);   |       |             |
| ( 393121.6, | 3814882.8, | 867.7,  | 1989.7, | 0.0); | ( 393132.7, |
| 3814861.5,  | 873.8,     | 1989.7, | 0.0);   |       |             |
| ( 393143.7, | 3814840.3, | 883.6,  | 1989.7, | 0.0); | ( 393154.7, |
| 3814819.0,  | 896.1,     | 1989.7, | 0.0);   |       |             |
| ( 393165.8, | 3814797.7, | 909.3,  | 1989.7, | 0.0); | ( 393176.8, |
| 3814776.5,  | 922.2,     | 1989.7, | 0.0);   |       |             |
| ( 393187.8, | 3814755.2, | 930.5,  | 1989.7, | 0.0); | ( 393198.8, |
| 3814734.0,  | 935.0,     | 1989.7, | 0.0);   |       |             |
| ( 393209.9, | 3814712.7, | 936.3,  | 1989.7, | 0.0); | ( 393220.9, |
| 3814691.4,  | 935.5,     | 1989.7, | 0.0);   |       |             |
| ( 393231.9, | 3814670.2, | 933.1,  | 1989.7, | 0.0); | ( 393243.0, |
| 3814648.9,  | 928.9,     | 1989.7, | 0.0);   |       |             |
| ( 393254.0, | 3814627.7, | 922.1,  | 1989.7, | 0.0); | ( 393265.0, |
| 3814606.4,  | 914.3,     | 1989.7, | 0.0);   |       |             |
| ( 393276.0, | 3814585.1, | 905.7,  | 1989.7, | 0.0); | ( 393287.1, |
| 3814563.9,  | 897.0,     | 1989.7, | 0.0);   |       |             |
| ( 393298.1, | 3814542.6, | 888.6,  | 1989.7, | 0.0); | ( 393309.1, |
| 3814521.4,  | 881.7,     | 1989.7, | 0.0);   |       |             |
| ( 393320.2, | 3814500.1, | 875.5,  | 1989.7, | 0.0); | ( 393331.2, |
| 3814478.8,  | 874.0,     | 1989.7, | 0.0);   |       |             |
| ( 393342.2, | 3814457.6, | 872.4,  | 1989.7, | 0.0); | ( 393353.2, |
| 3814436.3,  | 871.5,     | 1989.7, | 0.0);   |       |             |
| ( 393364.3, | 3814415.1, | 872.5,  | 1989.7, | 0.0); | ( 393375.3, |
| 3814393.8,  | 872.8,     | 1989.7, | 0.0);   |       |             |
| ( 393386.3, | 3814372.5, | 873.8,  | 1989.7, | 0.0); | ( 393397.4, |
| 3814351.3,  | 875.6,     | 1989.7, | 0.0);   |       |             |
| ( 393408.4, | 3814330.0, | 876.8,  | 1989.7, | 0.0); | ( 393442.8, |
| 3814303.6,  | 874.4,     | 1989.7, | 0.0);   |       |             |
| ( 393466.2, | 3814298.4, | 873.7,  | 1989.7, | 0.0); | ( 393489.6, |
| 3814293.2,  | 873.6,     | 1989.7, | 0.0);   |       |             |
| ( 393512.9, | 3814288.0, | 873.8,  | 1989.7, | 0.0); | ( 393536.3, |
| 3814282.8,  | 873.5,     | 1989.7, | 0.0);   |       |             |
| ( 393559.7, | 3814277.6, | 873.2,  | 1989.7, | 0.0); | ( 393583.1, |
| 3814272.4,  | 873.6,     | 1989.7, | 0.0);   |       |             |
| ( 393606.5, | 3814267.2, | 874.8,  | 1989.7, | 0.0); | ( 393629.8, |
| 3814262.0,  | 876.2,     | 1989.7, | 0.0);   |       |             |
| ( 393653.2, | 3814256.8, | 877.1,  | 1989.7, | 0.0); | ( 393676.6, |
| 3814251.6,  | 878.9,     | 1989.7, | 0.0);   |       |             |
| ( 393700.0, | 3814246.4, | 882.3,  | 1989.7, | 0.0); | ( 393723.3, |
| 3814241.2,  | 885.1,     | 1989.7, | 0.0);   |       |             |
| ( 393746.7, | 3814236.0, | 887.4,  | 1989.7, | 0.0); | ( 393770.1, |
| 3814230.8,  | 890.0,     | 1989.7, | 0.0);   |       |             |
| ( 393793.5, | 3814225.6, | 892.2,  | 1989.7, | 0.0); | ( 393816.9, |
| 3814220.4,  | 893.9,     | 1989.7, | 0.0);   |       |             |
| ( 393840.2, | 3814215.2, | 895.5,  | 1989.7, | 0.0); | ( 393863.6, |
| 3814210.0,  | 898.4,     | 1989.7, | 0.0);   |       |             |
| ( 393887.0, | 3814204.8, | 901.1,  | 1989.7, | 0.0); | ( 393910.4, |
| 3814199.6,  | 903.7,     | 1989.7, | 0.0);   |       |             |
| ( 393933.8, | 3814194.4, | 907.0,  | 1989.7, | 0.0); | ( 393957.1, |

```

3814189.2, 911.8, 1989.7, 0.0);
(393980.5, 3814184.0, 916.0, 1989.7, 0.0); (394003.9,
3814178.8, 917.5, 1989.7, 0.0);
(394027.3, 3814173.6, 918.6, 1989.7, 0.0); (394050.6,
3814168.4, 921.0, 1989.7, 0.0);
(394074.0, 3814163.2, 925.7, 1989.7, 0.0); (394097.4,
3814158.0, 931.9, 1989.7, 0.0);
(394120.8, 3814152.8, 939.2, 1989.7, 0.0); (394144.2,
3814147.6, 947.1, 1989.7, 0.0);
(394167.5, 3814142.4, 953.0, 1989.7, 0.0); (394190.9,
3814137.2, 955.6, 1989.7, 0.0);
(394214.3, 3814132.0, 955.3, 1989.7, 0.0); (394237.7,
3814126.8, 957.8, 1989.7, 0.0);
(394261.1, 3814121.6, 963.5, 1989.7, 0.0); (394284.4,
3814116.4, 969.1, 1989.7, 0.0);
(394307.8, 3814111.2, 977.2, 1989.7, 0.0); (394331.2,
3814106.0, 986.2, 1989.7, 0.0);
(394354.6, 3814100.8, 993.4, 1989.7, 0.0); (394378.0,
3814095.6, 997.8, 1988.2, 0.0);
(394401.3, 3814090.4, 1000.1, 1980.1, 0.0); (394424.7,
3814085.2, 997.4, 1988.2, 0.0);
(394448.1, 3814080.0, 987.9, 1989.7, 0.0); (394471.5,
3814074.8, 978.0, 1989.7, 0.0);
(394494.8, 3814069.6, 970.1, 1989.7, 0.0); (394518.2,
3814064.4, 966.5, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 221

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394541.6, 3814059.2, 972.0, 1989.7, 0.0); (394565.0,
3814054.0, 979.5, 1989.7, 0.0);
(394588.4, 3814048.8, 985.3, 1989.7, 0.0); (394611.7,
3814043.6, 991.0, 1989.7, 0.0);
(394635.1, 3814038.4, 997.6, 1980.1, 0.0); (394658.5,
3814033.2, 1005.6, 1980.1, 0.0);
(394681.9, 3814028.0, 1013.6, 1937.2, 0.0); (394705.3,
3814022.8, 1020.9, 1353.8, 0.0);
(394728.6, 3814017.6, 1028.9, 1353.8, 0.0); (394752.0,
3814012.4, 1038.7, 1353.8, 0.0);
(394775.4, 3814007.2, 1048.3, 1353.8, 0.0); (394798.8,
3814002.0, 1052.8, 1353.8, 0.0);
(394822.1, 3813996.8, 1050.6, 1353.8, 0.0); (394845.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813991.6,  | 1048.8,    | 1353.8, | 0.0);   |       |             |
| ( 394868.9, | 3813986.4, | 1050.6, | 1353.8, | 0.0); | ( 394892.3, |
| 3813981.2,  | 1054.9,    | 1353.8, | 0.0);   |       |             |
| ( 394915.7, | 3813976.0, | 1052.7, | 1353.8, | 0.0); | ( 394939.0, |
| 3813970.8,  | 1044.5,    | 1353.8, | 0.0);   |       |             |
| ( 394962.4, | 3813965.6, | 1035.0, | 1353.8, | 0.0); | ( 394985.8, |
| 3813960.4,  | 1029.1,    | 1353.8, | 0.0);   |       |             |
| ( 395009.2, | 3813955.2, | 1029.9, | 1353.8, | 0.0); | ( 395032.6, |
| 3813950.0,  | 1036.1,    | 1353.8, | 0.0);   |       |             |
| ( 395055.9, | 3813944.8, | 1040.4, | 1353.8, | 0.0); | ( 395079.3, |
| 3813939.6,  | 1039.8,    | 1353.8, | 0.0);   |       |             |
| ( 395102.7, | 3813934.4, | 1035.5, | 1353.8, | 0.0); | ( 395126.1, |
| 3813929.2,  | 1033.9,    | 1353.8, | 0.0);   |       |             |
| ( 395149.5, | 3813924.0, | 1034.8, | 1353.8, | 0.0); | ( 395172.8, |
| 3813918.8,  | 1036.1,    | 1353.8, | 0.0);   |       |             |
| ( 395196.2, | 3813913.6, | 1036.3, | 1353.8, | 0.0); | ( 395219.6, |
| 3813908.4,  | 1035.4,    | 1353.8, | 0.0);   |       |             |
| ( 395243.0, | 3813903.2, | 1034.5, | 1353.8, | 0.0); | ( 395266.3, |
| 3813898.0,  | 1035.8,    | 1353.8, | 0.0);   |       |             |
| ( 395289.7, | 3813892.8, | 1038.1, | 1353.8, | 0.0); | ( 395313.1, |
| 3813887.6,  | 1037.7,    | 1353.8, | 0.0);   |       |             |
| ( 392504.0, | 3816073.3, | 888.0,  | 1439.5, | 0.0); | ( 392503.0, |
| 3816097.5,  | 889.9,     | 1439.5, | 0.0);   |       |             |
| ( 392502.0, | 3816121.7, | 891.6,  | 1439.5, | 0.0); | ( 392501.0, |
| 3816145.9,  | 893.2,     | 1439.5, | 0.0);   |       |             |
| ( 392500.0, | 3816170.2, | 894.7,  | 1439.5, | 0.0); | ( 392499.0, |
| 3816194.4,  | 896.4,     | 1439.5, | 0.0);   |       |             |
| ( 392498.0, | 3816218.6, | 898.0,  | 1439.5, | 0.0); | ( 392015.6, |
| 3816031.0,  | 943.3,     | 1034.8, | 0.0);   |       |             |
| ( 392026.7, | 3816009.6, | 936.7,  | 1034.8, | 0.0); | ( 392037.8, |
| 3815988.2,  | 931.3,     | 1034.8, | 0.0);   |       |             |
| ( 392048.9, | 3815966.8, | 927.1,  | 1034.8, | 0.0); | ( 392060.0, |
| 3815945.4,  | 923.0,     | 1034.8, | 0.0);   |       |             |
| ( 392071.1, | 3815924.0, | 918.6,  | 1034.8, | 0.0); | ( 392082.2, |
| 3815902.6,  | 914.2,     | 1034.8, | 0.0);   |       |             |
| ( 392093.3, | 3815881.2, | 910.0,  | 1439.5, | 0.0); | ( 392104.4, |
| 3815859.8,  | 906.3,     | 1439.5, | 0.0);   |       |             |
| ( 392115.5, | 3815838.4, | 902.7,  | 1937.2, | 0.0); | ( 392126.6, |
| 3815817.0,  | 899.6,     | 1937.2, | 0.0);   |       |             |
| ( 392137.7, | 3815795.6, | 897.2,  | 1937.2, | 0.0); | ( 392148.8, |
| 3815774.2,  | 895.1,     | 1937.2, | 0.0);   |       |             |
| ( 392159.9, | 3815752.8, | 892.3,  | 1937.2, | 0.0); | ( 392171.0, |
| 3815731.4,  | 889.8,     | 1979.8, | 0.0);   |       |             |
| ( 392182.1, | 3815710.0, | 887.4,  | 1980.1, | 0.0); | ( 392193.2, |
| 3815688.6,  | 885.8,     | 1980.1, | 0.0);   |       |             |
| ( 392204.3, | 3815667.2, | 883.3,  | 1980.1, | 0.0); | ( 392215.4, |
| 3815645.8,  | 880.4,     | 1981.6, | 0.0);   |       |             |
| ( 392226.5, | 3815624.4, | 877.6,  | 1989.7, | 0.0); | ( 392237.6, |
| 3815603.0,  | 875.1,     | 1989.7, | 0.0);   |       |             |
| ( 392248.7, | 3815581.6, | 872.7,  | 1989.7, | 0.0); | ( 392259.8, |

```

3815560.2, 870.4, 1989.7, 0.0);
(392270.9, 3815538.8, 867.4, 1989.7, 0.0); (392282.0,
3815517.4, 865.5, 1989.7, 0.0);
(392293.1, 3815496.0, 865.0, 1989.7, 0.0); (392304.2,
3815474.6, 864.2, 1989.7, 0.0);
(392315.3, 3815453.2, 862.1, 1989.7, 0.0); (392326.4,
3815431.8, 859.5, 1989.7, 0.0);
(392337.5, 3815410.4, 857.6, 1989.7, 0.0); (392348.6,
3815389.0, 856.1, 1989.7, 0.0);
(392359.7, 3815367.6, 854.6, 1989.7, 0.0); (392370.8,
3815346.2, 854.0, 1989.7, 0.0);
(392381.9, 3815324.8, 853.8, 1989.7, 0.0); (392393.0,
3815303.4, 853.9, 1989.7, 0.0);
(392404.1, 3815282.0, 854.1, 1989.7, 0.0); (392415.2,
3815260.6, 853.9, 1989.7, 0.0);
(392426.3, 3815239.2, 853.8, 1989.7, 0.0); (392437.4,
3815217.8, 854.0, 1989.7, 0.0);
(392448.5, 3815196.4, 854.2, 1989.7, 0.0); (392459.6,
3815175.0, 854.3, 1989.7, 0.0);
(392470.7, 3815153.6, 854.4, 1989.7, 0.0); (392481.8,
3815132.2, 854.5, 1989.7, 0.0);
(392492.9, 3815110.8, 854.7, 1989.7, 0.0); (392504.0,
3815089.4, 855.1, 1989.7, 0.0);
(392515.1, 3815068.0, 855.3, 1989.7, 0.0); (392526.2,
3815046.6, 855.4, 1989.7, 0.0);
(392537.3, 3815025.2, 855.7, 1989.7, 0.0); (392548.5,
3815003.8, 856.0, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 222

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392559.5, 3814982.4, 856.2, 1989.7, 0.0); (392570.6,
3814961.0, 856.3, 1989.7, 0.0);
(392581.8, 3814939.6, 856.0, 1989.7, 0.0); (392592.9,
3814918.2, 855.0, 1989.7, 0.0);
(392604.0, 3814896.8, 855.0, 1989.7, 0.0); (392615.1,
3814875.4, 855.7, 1989.7, 0.0);
(392626.2, 3814854.0, 856.2, 1989.7, 0.0); (392637.3,
3814832.6, 856.7, 1989.7, 0.0);
(392648.4, 3814811.2, 857.2, 1989.7, 0.0); (392659.5,
3814789.8, 858.4, 1989.7, 0.0);
(392670.6, 3814768.4, 859.7, 1989.7, 0.0); (392681.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814747.0,  | 861.2,     | 1989.7, | 0.0);   |       |             |
| ( 392692.8, | 3814725.6, | 862.4,  | 1989.7, | 0.0); | ( 392703.9, |
| 3814704.2,  | 863.5,     | 1989.7, | 0.0);   |       |             |
| ( 392715.0, | 3814682.8, | 864.8,  | 1989.7, | 0.0); | ( 392726.1, |
| 3814661.4,  | 866.7,     | 1989.7, | 0.0);   |       |             |
| ( 392737.2, | 3814640.0, | 868.3,  | 1989.7, | 0.0); | ( 392748.3, |
| 3814618.6,  | 869.1,     | 1989.7, | 0.0);   |       |             |
| ( 392759.4, | 3814597.2, | 869.9,  | 1989.7, | 0.0); | ( 392770.5, |
| 3814575.8,  | 871.3,     | 1989.7, | 0.0);   |       |             |
| ( 392781.6, | 3814554.4, | 872.6,  | 1989.7, | 0.0); | ( 392792.7, |
| 3814533.0,  | 873.8,     | 1989.7, | 0.0);   |       |             |
| ( 392803.8, | 3814511.6, | 875.2,  | 1989.7, | 0.0); | ( 392814.9, |
| 3814490.2,  | 876.8,     | 1989.7, | 0.0);   |       |             |
| ( 392826.0, | 3814468.8, | 878.6,  | 1989.7, | 0.0); | ( 392837.1, |
| 3814447.4,  | 880.8,     | 1989.7, | 0.0);   |       |             |
| ( 392848.2, | 3814426.0, | 883.4,  | 1989.7, | 0.0); | ( 392859.3, |
| 3814404.6,  | 885.6,     | 1989.7, | 0.0);   |       |             |
| ( 392870.4, | 3814383.2, | 888.5,  | 1989.7, | 0.0); | ( 392881.5, |
| 3814361.8,  | 891.2,     | 1989.7, | 0.0);   |       |             |
| ( 392892.6, | 3814340.4, | 893.4,  | 1989.7, | 0.0); | ( 392903.7, |
| 3814319.0,  | 895.3,     | 1989.7, | 0.0);   |       |             |
| ( 392914.8, | 3814297.6, | 898.5,  | 1989.7, | 0.0); | ( 392925.9, |
| 3814276.2,  | 901.3,     | 1989.7, | 0.0);   |       |             |
| ( 392937.0, | 3814254.8, | 904.2,  | 1989.7, | 0.0); | ( 392948.1, |
| 3814233.4,  | 907.3,     | 1989.7, | 0.0);   |       |             |
| ( 392959.2, | 3814212.0, | 911.2,  | 1989.7, | 0.0); | ( 392970.3, |
| 3814190.6,  | 914.2,     | 1989.7, | 0.0);   |       |             |
| ( 392981.4, | 3814169.2, | 915.4,  | 1989.7, | 0.0); | ( 392992.5, |
| 3814147.8,  | 918.2,     | 1989.7, | 0.0);   |       |             |
| ( 393003.6, | 3814126.4, | 920.8,  | 1989.7, | 0.0); | ( 393014.7, |
| 3814105.0,  | 923.4,     | 1989.7, | 0.0);   |       |             |
| ( 393025.8, | 3814083.6, | 927.9,  | 1989.7, | 0.0); | ( 393036.9, |
| 3814062.2,  | 932.6,     | 1989.7, | 0.0);   |       |             |
| ( 393048.0, | 3814040.8, | 936.8,  | 1989.7, | 0.0); | ( 393059.1, |
| 3814019.4,  | 938.4,     | 1989.7, | 0.0);   |       |             |
| ( 393070.2, | 3813998.0, | 936.0,  | 1989.7, | 0.0); | ( 393081.3, |
| 3813976.6,  | 931.0,     | 1989.7, | 0.0);   |       |             |
| ( 393092.4, | 3813955.2, | 927.3,  | 1989.7, | 0.0); | ( 393103.5, |
| 3813933.8,  | 926.8,     | 1989.7, | 0.0);   |       |             |
| ( 393138.1, | 3813907.2, | 932.9,  | 1989.7, | 0.0); | ( 393161.7, |
| 3813901.9,  | 934.3,     | 1989.7, | 0.0);   |       |             |
| ( 393185.2, | 3813896.7, | 935.5,  | 1989.7, | 0.0); | ( 393208.8, |
| 3813891.5,  | 933.5,     | 1989.7, | 0.0);   |       |             |
| ( 393232.3, | 3813886.2, | 935.7,  | 1989.7, | 0.0); | ( 393255.8, |
| 3813881.0,  | 940.1,     | 1989.7, | 0.0);   |       |             |
| ( 393279.3, | 3813875.8, | 942.5,  | 1989.7, | 0.0); | ( 393302.9, |
| 3813870.5,  | 945.8,     | 1989.7, | 0.0);   |       |             |
| ( 393326.4, | 3813865.3, | 948.4,  | 1989.7, | 0.0); | ( 393350.0, |
| 3813860.1,  | 949.0,     | 1989.7, | 0.0);   |       |             |
| ( 393373.5, | 3813854.8, | 950.2,  | 1989.7, | 0.0); | ( 393397.0, |

3813849.6, 949.8, 1989.7, 0.0);  
 ( 393420.5, 3813844.4, 947.7, 1989.7, 0.0); ( 393444.1,  
 3813839.1, 942.3, 1989.7, 0.0);  
 ( 393467.6, 3813833.9, 936.9, 1989.7, 0.0); ( 393491.1,  
 3813828.7, 931.3, 1989.7, 0.0);  
 ( 393514.7, 3813823.4, 925.6, 1989.7, 0.0); ( 393538.2,  
 3813818.2, 918.0, 1989.7, 0.0);  
 ( 393561.8, 3813813.0, 908.4, 1989.7, 0.0); ( 393585.3,  
 3813807.7, 901.4, 1989.7, 0.0);  
 ( 393608.8, 3813802.5, 897.0, 1989.7, 0.0); ( 393632.3,  
 3813797.2, 892.0, 1989.7, 0.0);  
 ( 393655.9, 3813792.0, 886.7, 1989.7, 0.0); ( 393679.4,  
 3813786.8, 883.7, 1989.7, 0.0);  
 ( 393703.0, 3813781.5, 883.8, 1989.7, 0.0); ( 393726.5,  
 3813776.3, 886.4, 1989.7, 0.0);  
 ( 393750.0, 3813771.1, 891.0, 1989.7, 0.0); ( 393773.5,  
 3813765.8, 893.3, 1989.7, 0.0);  
 ( 393797.1, 3813760.6, 894.4, 1989.7, 0.0); ( 393820.6,  
 3813755.4, 895.7, 1989.7, 0.0);  
 ( 393844.1, 3813750.1, 897.4, 1989.7, 0.0); ( 393867.7,  
 3813744.9, 899.7, 1989.7, 0.0);  
 ( 393891.2, 3813739.7, 902.5, 1989.7, 0.0); ( 393914.7,  
 3813734.4, 906.9, 1989.7, 0.0);  
 ( 393938.3, 3813729.2, 914.4, 1989.7, 0.0); ( 393961.8,  
 3813724.0, 924.3, 1989.7, 0.0);  
 ( 393985.3, 3813718.7, 933.4, 1989.7, 0.0); ( 394008.9,  
 3813713.5, 938.5, 1989.7, 0.0);  
 ( 394032.4, 3813708.3, 941.1, 1989.7, 0.0); ( 394055.9,  
 3813703.0, 944.2, 1989.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 223

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 394079.5, 3813697.8, 949.4, 1989.7, 0.0); ( 394103.0,  
 3813692.6, 955.8, 1989.7, 0.0);  
 ( 394126.5, 3813687.3, 964.8, 1989.7, 0.0); ( 394150.1,  
 3813682.1, 973.5, 1989.7, 0.0);  
 ( 394173.6, 3813676.9, 975.5, 1989.7, 0.0); ( 394197.1,  
 3813671.6, 974.7, 1989.7, 0.0);  
 ( 394220.7, 3813666.4, 974.1, 1989.7, 0.0); ( 394244.2,  
 3813661.2, 975.5, 1989.7, 0.0);  
 ( 394267.7, 3813655.9, 978.8, 1989.7, 0.0); ( 394291.3,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813650.7,  | 982.1,     | 1989.7, | 0.0);   |       |             |
| ( 394314.8, | 3813645.5, | 986.2,  | 1989.7, | 0.0); | ( 394338.3, |
| 3813640.2,  | 992.3,     | 1989.7, | 0.0);   |       |             |
| ( 394361.9, | 3813635.0, | 1000.0, | 1989.7, | 0.0); | ( 394385.4, |
| 3813629.8,  | 1008.5,    | 1989.7, | 0.0);   |       |             |
| ( 394408.9, | 3813624.5, | 1016.3, | 1989.7, | 0.0); | ( 394432.5, |
| 3813619.3,  | 1019.3,    | 1989.7, | 0.0);   |       |             |
| ( 394456.0, | 3813614.0, | 1014.1, | 1989.7, | 0.0); | ( 394479.5, |
| 3813608.8,  | 1005.1,    | 1989.7, | 0.0);   |       |             |
| ( 394503.1, | 3813603.6, | 995.3,  | 1989.7, | 0.0); | ( 394526.6, |
| 3813598.3,  | 985.2,     | 1989.7, | 0.0);   |       |             |
| ( 394550.1, | 3813593.1, | 976.0,  | 1989.7, | 0.0); | ( 394573.7, |
| 3813587.9,  | 968.3,     | 1989.7, | 0.0);   |       |             |
| ( 394597.2, | 3813582.6, | 962.8,  | 1989.7, | 0.0); | ( 394620.7, |
| 3813577.4,  | 961.3,     | 1989.7, | 0.0);   |       |             |
| ( 394644.3, | 3813572.2, | 963.9,  | 1989.7, | 0.0); | ( 394667.8, |
| 3813566.9,  | 967.3,     | 1989.7, | 0.0);   |       |             |
| ( 394691.3, | 3813561.7, | 971.2,  | 1989.7, | 0.0); | ( 394714.9, |
| 3813556.5,  | 972.6,     | 1989.7, | 0.0);   |       |             |
| ( 394738.4, | 3813551.2, | 972.0,  | 1989.7, | 0.0); | ( 394761.9, |
| 3813546.0,  | 971.2,     | 1989.7, | 0.0);   |       |             |
| ( 394785.5, | 3813540.8, | 974.3,  | 1989.7, | 0.0); | ( 394809.0, |
| 3813535.5,  | 977.8,     | 1989.7, | 0.0);   |       |             |
| ( 394832.5, | 3813530.3, | 980.1,  | 1989.7, | 0.0); | ( 394856.1, |
| 3813525.1,  | 979.8,     | 1989.7, | 0.0);   |       |             |
| ( 394879.6, | 3813519.8, | 980.3,  | 1989.7, | 0.0); | ( 394903.1, |
| 3813514.6,  | 983.5,     | 1989.7, | 0.0);   |       |             |
| ( 394926.7, | 3813509.4, | 986.9,  | 1989.7, | 0.0); | ( 394950.2, |
| 3813504.1,  | 990.2,     | 1989.7, | 0.0);   |       |             |
| ( 394973.7, | 3813498.9, | 994.9,  | 1989.7, | 0.0); | ( 394997.3, |
| 3813493.7,  | 1002.1,    | 1989.7, | 0.0);   |       |             |
| ( 395020.8, | 3813488.4, | 1007.7, | 1989.7, | 0.0); | ( 395044.3, |
| 3813483.2,  | 1009.6,    | 1989.7, | 0.0);   |       |             |
| ( 395067.9, | 3813478.0, | 1010.1, | 1989.7, | 0.0); | ( 395091.4, |
| 3813472.7,  | 1011.4,    | 1989.7, | 0.0);   |       |             |
| ( 395114.9, | 3813467.5, | 1013.5, | 1989.7, | 0.0); | ( 395138.5, |
| 3813462.2,  | 1016.1,    | 1989.7, | 0.0);   |       |             |
| ( 395162.0, | 3813457.0, | 1022.8, | 1989.7, | 0.0); | ( 395185.5, |
| 3813451.8,  | 1033.7,    | 1980.1, | 0.0);   |       |             |
| ( 395209.1, | 3813446.5, | 1045.0, | 1937.2, | 0.0); | ( 395232.6, |
| 3813441.3,  | 1055.2,    | 1353.8, | 0.0);   |       |             |
| ( 395256.1, | 3813436.1, | 1064.8, | 1353.8, | 0.0); | ( 395279.7, |
| 3813430.8,  | 1073.6,    | 1353.8, | 0.0);   |       |             |
| ( 395303.2, | 3813425.6, | 1080.4, | 1353.8, | 0.0); | ( 395326.7, |
| 3813420.4,  | 1087.1,    | 1353.8, | 0.0);   |       |             |
| ( 395350.3, | 3813415.1, | 1095.0, | 1353.8, | 0.0); | ( 395373.8, |
| 3813409.9,  | 1104.9,    | 1353.8, | 0.0);   |       |             |
| ( 395397.3, | 3813404.7, | 1116.5, | 1353.8, | 0.0); | ( 395420.9, |
| 3813399.4,  | 1129.5,    | 1353.8, | 0.0);   |       |             |
| ( 392004.5, | 3816052.4, | 949.7,  | 1034.8, | 0.0); | ( 392003.5, |



```

3816076.6, 956.8, 1034.8, 0.0);
(392002.5, 3816100.8, 962.5, 1034.8, 0.0); (392001.4,
3816125.0, 967.1, 1034.8, 0.0);
(392000.4, 3816149.2, 970.6, 1034.8, 0.0); (391999.4,
3816173.4, 973.0, 1034.8, 0.0);
(391998.4, 3816197.7, 973.8, 1034.8, 0.0); (391516.1,
3816010.0, 918.6, 1034.8, 0.0);
(391527.2, 3815988.5, 918.0, 1034.8, 0.0); (391538.4,
3815967.0, 917.7, 1034.8, 0.0);
(391549.5, 3815945.5, 915.0, 1034.8, 0.0); (391560.7,
3815924.0, 913.5, 1034.8, 0.0);
(391571.8, 3815902.5, 912.1, 1034.8, 0.0); (391583.0,
3815881.0, 909.9, 1034.8, 0.0);
(391594.1, 3815859.5, 908.5, 1937.2, 0.0); (391605.3,
3815838.0, 907.3, 1937.2, 0.0);
(391616.5, 3815816.5, 906.4, 1937.2, 0.0); (391627.6,
3815795.0, 907.8, 1937.2, 0.0);
(391638.8, 3815773.5, 911.6, 1937.2, 0.0); (391649.9,
3815752.0, 918.5, 1937.2, 0.0);
(391661.1, 3815730.5, 925.4, 1034.8, 0.0); (391672.2,
3815709.0, 929.3, 1034.8, 0.0);
(391683.4, 3815687.5, 929.9, 1034.8, 0.0); (391694.5,
3815666.0, 927.2, 1937.2, 0.0);
(391705.7, 3815644.5, 924.7, 1937.2, 0.0); (391716.8,
3815623.0, 921.8, 1937.2, 0.0);
(391728.0, 3815601.5, 918.0, 1937.2, 0.0); (391739.1,
3815580.0, 916.3, 1937.2, 0.0);
(391750.3, 3815558.5, 917.6, 1937.2, 0.0); (391761.4,
3815537.0, 922.0, 1937.2, 0.0);
(391772.6, 3815515.5, 923.9, 1937.2, 0.0); (391783.8,
3815494.0, 920.9, 1937.2, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 224

\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391794.9, 3815472.5, 913.9, 1980.1, 0.0); (391806.0,
3815451.0, 907.9, 1980.1, 0.0);
(391817.2, 3815429.5, 903.0, 1981.6, 0.0); (391828.4,
3815408.0, 899.6, 1989.7, 0.0);
(391839.5, 3815386.5, 898.9, 1989.7, 0.0); (391850.7,
3815365.0, 899.4, 1989.7, 0.0);
(391861.8, 3815343.5, 900.3, 1989.7, 0.0); (391873.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815322.0,  | 901.1,     | 1989.7, | 0.0);   |       |             |
| ( 391884.1, | 3815300.5, | 901.2,  | 1989.7, | 0.0); | ( 391895.3, |
| 3815279.0,  | 902.4,     | 1989.7, | 0.0);   |       |             |
| ( 391906.4, | 3815257.5, | 905.8,  | 1989.7, | 0.0); | ( 391917.6, |
| 3815236.0,  | 907.9,     | 1989.7, | 0.0);   |       |             |
| ( 391928.7, | 3815214.5, | 907.3,  | 1989.7, | 0.0); | ( 391939.9, |
| 3815193.0,  | 901.7,     | 1989.7, | 0.0);   |       |             |
| ( 391951.0, | 3815171.5, | 892.6,  | 1989.7, | 0.0); | ( 391962.2, |
| 3815150.0,  | 884.0,     | 1989.7, | 0.0);   |       |             |
| ( 391973.3, | 3815128.5, | 876.4,  | 1989.7, | 0.0); | ( 391984.5, |
| 3815107.0,  | 868.8,     | 1989.7, | 0.0);   |       |             |
| ( 391995.6, | 3815085.5, | 863.4,  | 1989.7, | 0.0); | ( 392006.8, |
| 3815064.0,  | 859.0,     | 1989.7, | 0.0);   |       |             |
| ( 392018.0, | 3815042.5, | 853.0,  | 1989.7, | 0.0); | ( 392029.1, |
| 3815021.0,  | 849.9,     | 1989.7, | 0.0);   |       |             |
| ( 392040.3, | 3814999.5, | 849.0,  | 1989.7, | 0.0); | ( 392051.4, |
| 3814978.0,  | 849.1,     | 1989.7, | 0.0);   |       |             |
| ( 392062.6, | 3814956.5, | 849.3,  | 1989.7, | 0.0); | ( 392073.7, |
| 3814935.0,  | 849.5,     | 1989.7, | 0.0);   |       |             |
| ( 392084.9, | 3814913.5, | 849.7,  | 1989.7, | 0.0); | ( 392096.0, |
| 3814892.0,  | 849.8,     | 1989.7, | 0.0);   |       |             |
| ( 392107.2, | 3814870.5, | 849.8,  | 1989.7, | 0.0); | ( 392118.3, |
| 3814849.0,  | 849.7,     | 1989.7, | 0.0);   |       |             |
| ( 392129.5, | 3814827.5, | 850.0,  | 1989.7, | 0.0); | ( 392140.6, |
| 3814806.0,  | 850.0,     | 1989.7, | 0.0);   |       |             |
| ( 392151.8, | 3814784.5, | 849.8,  | 1989.7, | 0.0); | ( 392163.0, |
| 3814763.0,  | 849.6,     | 1989.7, | 0.0);   |       |             |
| ( 392174.1, | 3814741.5, | 850.0,  | 1989.7, | 0.0); | ( 392185.2, |
| 3814720.0,  | 850.3,     | 1989.7, | 0.0);   |       |             |
| ( 392196.4, | 3814698.5, | 850.1,  | 1989.7, | 0.0); | ( 392207.6, |
| 3814677.0,  | 849.5,     | 1989.7, | 0.0);   |       |             |
| ( 392218.7, | 3814655.5, | 849.4,  | 1989.7, | 0.0); | ( 392229.9, |
| 3814634.0,  | 850.2,     | 1989.7, | 0.0);   |       |             |
| ( 392241.0, | 3814612.5, | 852.0,  | 1989.7, | 0.0); | ( 392252.2, |
| 3814591.0,  | 855.0,     | 1989.7, | 0.0);   |       |             |
| ( 392263.3, | 3814569.5, | 857.7,  | 1989.7, | 0.0); | ( 392274.5, |
| 3814548.0,  | 859.6,     | 1989.7, | 0.0);   |       |             |
| ( 392285.6, | 3814526.5, | 860.4,  | 1989.7, | 0.0); | ( 392296.8, |
| 3814505.0,  | 861.3,     | 1989.7, | 0.0);   |       |             |
| ( 392307.9, | 3814483.5, | 863.1,  | 1989.7, | 0.0); | ( 392319.1, |
| 3814462.0,  | 864.0,     | 1989.7, | 0.0);   |       |             |
| ( 392330.2, | 3814440.5, | 864.9,  | 1989.7, | 0.0); | ( 392341.4, |
| 3814419.0,  | 865.8,     | 1989.7, | 0.0);   |       |             |
| ( 392352.5, | 3814397.5, | 867.0,  | 1989.7, | 0.0); | ( 392363.7, |
| 3814376.0,  | 868.2,     | 1989.7, | 0.0);   |       |             |
| ( 392374.8, | 3814354.5, | 870.6,  | 1989.7, | 0.0); | ( 392386.0, |
| 3814333.0,  | 871.6,     | 1989.7, | 0.0);   |       |             |
| ( 392397.2, | 3814311.5, | 872.5,  | 1989.7, | 0.0); | ( 392408.3, |
| 3814290.0,  | 873.5,     | 1989.7, | 0.0);   |       |             |
| ( 392419.5, | 3814268.5, | 875.2,  | 1989.7, | 0.0); | ( 392430.6, |

```

3814247.0, 876.7, 1989.7, 0.0);
 (392441.8, 3814225.5, 878.2, 1989.7, 0.0); (392452.9,
3814204.0, 879.8, 1989.7, 0.0);
 (392464.1, 3814182.5, 881.5, 1989.7, 0.0); (392475.2,
3814161.0, 883.2, 1989.7, 0.0);
 (392486.4, 3814139.5, 885.0, 1989.7, 0.0); (392497.5,
3814118.0, 886.9, 1989.7, 0.0);
 (392508.7, 3814096.5, 888.9, 1989.7, 0.0); (392519.8,
3814075.0, 891.1, 1989.7, 0.0);
 (392531.0, 3814053.5, 892.9, 1989.7, 0.0); (392542.1,
3814032.0, 894.4, 1989.7, 0.0);
 (392553.3, 3814010.5, 895.8, 1989.7, 0.0); (392564.5,
3813989.0, 898.1, 1989.7, 0.0);
 (392575.6, 3813967.5, 900.1, 1989.7, 0.0); (392586.8,
3813946.0, 902.0, 1989.7, 0.0);
 (392597.9, 3813924.5, 904.0, 1989.7, 0.0); (392609.1,
3813903.0, 906.0, 1989.7, 0.0);
 (392620.2, 3813881.5, 907.9, 1989.7, 0.0); (392631.4,
3813860.0, 909.9, 1989.7, 0.0);
 (392642.5, 3813838.5, 911.9, 1989.7, 0.0); (392653.7,
3813817.0, 913.9, 1989.7, 0.0);
 (392664.8, 3813795.5, 916.0, 1989.7, 0.0); (392676.0,
3813774.0, 919.1, 1989.7, 0.0);
 (392687.1, 3813752.5, 924.1, 1989.7, 0.0); (392698.3,
3813731.0, 929.8, 1989.7, 0.0);
 (392709.4, 3813709.5, 937.3, 1989.7, 0.0); (392720.6,
3813688.0, 945.1, 1989.7, 0.0);
 (392731.8, 3813666.5, 949.8, 1989.7, 0.0); (392742.9,
3813645.0, 949.8, 1989.7, 0.0);
 (392754.0, 3813623.5, 948.4, 1989.7, 0.0); (392765.2,
3813602.0, 947.7, 1989.7, 0.0);
 (392776.4, 3813580.5, 948.7, 1989.7, 0.0); (392787.5,
3813559.0, 952.3, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 225

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (392798.7, 3813537.5, 956.2, 1989.7, 0.0); (392833.5,
3813510.8, 962.9, 1989.7, 0.0);
 (392857.1, 3813505.5, 963.9, 1989.7, 0.0); (392880.7,
3813500.3, 963.9, 1989.7, 0.0);
 (392904.4, 3813495.0, 967.5, 1989.7, 0.0); (392928.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813489.8,  | 976.3,     | 1989.7, | 0.0);   |       |             |
| ( 392951.7, | 3813484.5, | 985.9,  | 1989.7, | 0.0); | ( 392975.3, |
| 3813479.2,  | 994.3,     | 1989.7, | 0.0);   |       |             |
| ( 392999.0, | 3813474.0, | 1003.5, | 1989.7, | 0.0); | ( 393022.6, |
| 3813468.7,  | 1013.7,    | 1989.7, | 0.0);   |       |             |
| ( 393046.2, | 3813463.5, | 1024.1, | 1989.7, | 0.0); | ( 393069.9, |
| 3813458.2,  | 1031.8,    | 1989.7, | 0.0);   |       |             |
| ( 393093.5, | 3813452.9, | 1031.3, | 1989.7, | 0.0); | ( 393117.2, |
| 3813447.7,  | 1023.0,    | 1989.7, | 0.0);   |       |             |
| ( 393140.8, | 3813442.4, | 1014.6, | 1989.7, | 0.0); | ( 393164.5, |
| 3813437.2,  | 1009.5,    | 1989.7, | 0.0);   |       |             |
| ( 393188.1, | 3813431.9, | 1008.2, | 1989.7, | 0.0); | ( 393211.7, |
| 3813426.7,  | 1013.0,    | 1989.7, | 0.0);   |       |             |
| ( 393235.4, | 3813421.4, | 1014.5, | 1989.7, | 0.0); | ( 393259.0, |
| 3813416.1,  | 1011.8,    | 1989.7, | 0.0);   |       |             |
| ( 393282.7, | 3813410.9, | 1007.5, | 1989.7, | 0.0); | ( 393306.3, |
| 3813405.6,  | 1003.3,    | 1989.7, | 0.0);   |       |             |
| ( 393330.0, | 3813400.4, | 997.3,  | 1989.7, | 0.0); | ( 393353.6, |
| 3813395.1,  | 990.1,     | 1989.7, | 0.0);   |       |             |
| ( 393377.2, | 3813389.8, | 983.3,  | 1989.7, | 0.0); | ( 393400.9, |
| 3813384.6,  | 976.9,     | 1989.7, | 0.0);   |       |             |
| ( 393424.5, | 3813379.3, | 970.5,  | 1989.7, | 0.0); | ( 393448.2, |
| 3813374.1,  | 963.7,     | 1989.7, | 0.0);   |       |             |
| ( 393471.8, | 3813368.8, | 957.4,  | 1989.7, | 0.0); | ( 393495.5, |
| 3813363.5,  | 951.7,     | 1989.7, | 0.0);   |       |             |
| ( 393519.1, | 3813358.3, | 945.5,  | 1989.7, | 0.0); | ( 393542.7, |
| 3813353.0,  | 937.9,     | 1989.7, | 0.0);   |       |             |
| ( 393566.4, | 3813347.8, | 929.1,  | 1989.7, | 0.0); | ( 393590.0, |
| 3813342.5,  | 919.8,     | 1989.7, | 0.0);   |       |             |
| ( 393613.7, | 3813337.3, | 913.5,  | 1989.7, | 0.0); | ( 393637.3, |
| 3813332.0,  | 908.3,     | 1989.7, | 0.0);   |       |             |
| ( 393661.0, | 3813326.7, | 905.9,  | 1989.7, | 0.0); | ( 393684.6, |
| 3813321.5,  | 908.8,     | 1989.7, | 0.0);   |       |             |
| ( 393708.2, | 3813316.2, | 906.3,  | 1989.7, | 0.0); | ( 393731.9, |
| 3813311.0,  | 901.2,     | 1989.7, | 0.0);   |       |             |
| ( 393755.5, | 3813305.7, | 898.6,  | 1989.7, | 0.0); | ( 393779.2, |
| 3813300.4,  | 897.1,     | 1989.7, | 0.0);   |       |             |
| ( 393802.8, | 3813295.2, | 895.2,  | 1989.7, | 0.0); | ( 393826.4, |
| 3813289.9,  | 893.7,     | 1989.7, | 0.0);   |       |             |
| ( 393850.1, | 3813284.7, | 892.7,  | 1989.7, | 0.0); | ( 393873.7, |
| 3813279.4,  | 891.9,     | 1989.7, | 0.0);   |       |             |
| ( 393897.4, | 3813274.2, | 892.1,  | 1989.7, | 0.0); | ( 393921.0, |
| 3813268.9,  | 893.0,     | 1989.7, | 0.0);   |       |             |
| ( 393944.7, | 3813263.6, | 893.7,  | 1989.7, | 0.0); | ( 393968.3, |
| 3813258.4,  | 895.2,     | 1989.7, | 0.0);   |       |             |
| ( 393991.9, | 3813253.1, | 902.7,  | 1989.7, | 0.0); | ( 394015.6, |
| 3813247.9,  | 909.4,     | 1989.7, | 0.0);   |       |             |
| ( 394039.2, | 3813242.6, | 913.1,  | 1989.7, | 0.0); | ( 394062.9, |
| 3813237.3,  | 915.5,     | 1989.7, | 0.0);   |       |             |
| ( 394086.5, | 3813232.1, | 917.6,  | 1989.7, | 0.0); | ( 394110.1, |

```

3813226.8, 919.4, 1989.7, 0.0);
 (394133.8, 3813221.6, 921.5, 1989.7, 0.0); (394157.4,
3813216.3, 924.2, 1989.7, 0.0);
 (394181.1, 3813211.0, 927.1, 1989.7, 0.0); (394204.7,
3813205.8, 929.0, 1989.7, 0.0);
 (394228.4, 3813200.5, 929.1, 1989.7, 0.0); (394252.0,
3813195.3, 928.5, 1989.7, 0.0);
 (394275.6, 3813190.0, 927.6, 1989.7, 0.0); (394299.3,
3813184.8, 928.6, 1989.7, 0.0);
 (394322.9, 3813179.5, 931.4, 1989.7, 0.0); (394346.6,
3813174.2, 934.4, 1989.7, 0.0);
 (394370.2, 3813169.0, 937.0, 1989.7, 0.0); (394393.9,
3813163.7, 939.0, 1989.7, 0.0);
 (394417.5, 3813158.5, 940.8, 1989.7, 0.0); (394441.1,
3813153.2, 942.6, 1989.7, 0.0);
 (394464.8, 3813147.9, 944.4, 1989.7, 0.0); (394488.4,
3813142.7, 945.8, 1989.7, 0.0);
 (394512.1, 3813137.4, 946.5, 1989.7, 0.0); (394535.7,
3813132.2, 947.9, 1989.7, 0.0);
 (394559.4, 3813126.9, 950.5, 1989.7, 0.0); (394583.0,
3813121.6, 953.3, 1989.7, 0.0);
 (394606.6, 3813116.4, 955.4, 1989.7, 0.0); (394630.3,
3813111.1, 956.9, 1989.7, 0.0);
 (394653.9, 3813105.9, 958.3, 1989.7, 0.0); (394677.6,
3813100.6, 960.2, 1989.7, 0.0);
 (394701.2, 3813095.4, 962.4, 1989.7, 0.0); (394724.9,
3813090.1, 964.8, 1989.7, 0.0);
 (394748.5, 3813084.8, 967.2, 1989.7, 0.0); (394772.1,
3813079.6, 969.3, 1989.7, 0.0);
 (394795.8, 3813074.3, 971.3, 1989.7, 0.0); (394819.4,
3813069.1, 973.4, 1989.7, 0.0);
 (394843.1, 3813063.8, 975.8, 1989.7, 0.0); (394866.7,
3813058.5, 977.9, 1989.7, 0.0);
 (394890.3, 3813053.3, 980.0, 1989.7, 0.0); (394914.0,
3813048.0, 982.0, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 226

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394937.6, 3813042.8, 984.9, 1989.7, 0.0); (394961.3,
3813037.5, 987.9, 1989.7, 0.0);
 (394984.9, 3813032.3, 988.7, 1989.7, 0.0); (395008.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813027.0,  | 987.3,     | 1989.7, | 0.0);   |       |             |
| ( 395032.2, | 3813021.7, | 987.0,  | 1989.7, | 0.0); | ( 395055.8, |
| 3813016.5,  | 987.6,     | 1989.7, | 0.0);   |       |             |
| ( 395079.5, | 3813011.2, | 987.8,  | 1989.7, | 0.0); | ( 395103.1, |
| 3813006.0,  | 988.5,     | 1989.7, | 0.0);   |       |             |
| ( 395126.8, | 3813000.7, | 990.1,  | 1989.7, | 0.0); | ( 395150.4, |
| 3812995.4,  | 992.9,     | 1989.7, | 0.0);   |       |             |
| ( 395174.1, | 3812990.2, | 996.3,  | 1989.7, | 0.0); | ( 395197.7, |
| 3812984.9,  | 1000.0,    | 1989.7, | 0.0);   |       |             |
| ( 395221.3, | 3812979.7, | 1003.4, | 1989.7, | 0.0); | ( 395245.0, |
| 3812974.4,  | 1005.8,    | 1989.7, | 0.0);   |       |             |
| ( 395268.6, | 3812969.1, | 1009.3, | 1989.7, | 0.0); | ( 395292.3, |
| 3812963.9,  | 1013.4,    | 1989.7, | 0.0);   |       |             |
| ( 395315.9, | 3812958.6, | 1018.7, | 1989.7, | 0.0); | ( 395339.6, |
| 3812953.4,  | 1024.3,    | 1989.7, | 0.0);   |       |             |
| ( 395363.2, | 3812948.1, | 1029.3, | 1989.7, | 0.0); | ( 395386.8, |
| 3812942.9,  | 1032.3,    | 1989.7, | 0.0);   |       |             |
| ( 395410.5, | 3812937.6, | 1032.4, | 1989.7, | 0.0); | ( 395434.1, |
| 3812932.3,  | 1029.8,    | 1989.7, | 0.0);   |       |             |
| ( 395457.8, | 3812927.1, | 1026.1, | 1989.7, | 0.0); | ( 395481.4, |
| 3812921.8,  | 1024.4,    | 1989.7, | 0.0);   |       |             |
| ( 395505.1, | 3812916.6, | 1025.9, | 1989.7, | 0.0); | ( 391504.9, |
| 3816031.5,  | 918.9,     | 1034.8, | 0.0);   |       |             |
| ( 391503.9, | 3816055.7, | 920.9,  | 1034.8, | 0.0); | ( 391502.9, |
| 3816079.9,  | 923.5,     | 1034.8, | 0.0);   |       |             |
| ( 391501.9, | 3816104.1, | 926.3,  | 1034.8, | 0.0); | ( 391500.9, |
| 3816128.3,  | 928.9,     | 1034.8, | 0.0);   |       |             |
| ( 391499.8, | 3816152.5, | 931.3,  | 1034.8, | 0.0); | ( 391498.8, |
| 3816176.8,  | 932.3,     | 1034.8, | 0.0);   |       |             |
| ( 391016.5, | 3815989.2, | 869.8,  | 1955.9, | 0.0); | ( 391027.6, |
| 3815967.8,  | 867.5,     | 1979.8, | 0.0);   |       |             |
| ( 391038.7, | 3815946.3, | 867.6,  | 1980.1, | 0.0); | ( 391049.8, |
| 3815924.9,  | 867.0,     | 1980.1, | 0.0);   |       |             |
| ( 391060.9, | 3815903.5, | 864.9,  | 1980.1, | 0.0); | ( 391072.0, |
| 3815882.1,  | 862.9,     | 1980.1, | 0.0);   |       |             |
| ( 391083.1, | 3815860.7, | 862.3,  | 1980.1, | 0.0); | ( 391094.2, |
| 3815839.3,  | 861.9,     | 1981.6, | 0.0);   |       |             |
| ( 391105.3, | 3815817.9, | 861.3,  | 1985.5, | 0.0); | ( 391116.4, |
| 3815796.4,  | 860.1,     | 1989.7, | 0.0);   |       |             |
| ( 391127.5, | 3815775.0, | 859.4,  | 1989.7, | 0.0); | ( 391138.7, |
| 3815753.6,  | 859.0,     | 1989.7, | 0.0);   |       |             |
| ( 391149.8, | 3815732.2, | 859.2,  | 1989.7, | 0.0); | ( 391160.9, |
| 3815710.8,  | 859.7,     | 1989.7, | 0.0);   |       |             |
| ( 391172.0, | 3815689.4, | 860.4,  | 1989.7, | 0.0); | ( 391183.1, |
| 3815668.0,  | 861.3,     | 1989.7, | 0.0);   |       |             |
| ( 391194.2, | 3815646.6, | 861.9,  | 1989.7, | 0.0); | ( 391205.3, |
| 3815625.1,  | 861.8,     | 1989.7, | 0.0);   |       |             |
| ( 391216.4, | 3815603.7, | 861.1,  | 1989.7, | 0.0); | ( 391227.5, |
| 3815582.3,  | 860.6,     | 1989.7, | 0.0);   |       |             |
| ( 391238.6, | 3815560.9, | 860.3,  | 1989.7, | 0.0); | ( 391249.8, |

3815539.5, 859.8, 1989.7, 0.0);  
 ( 391260.9, 3815518.1, 859.1, 1989.7, 0.0); ( 391272.0,  
 3815496.7, 858.4, 1989.7, 0.0);  
 ( 391283.1, 3815475.2, 857.6, 1989.7, 0.0); ( 391294.2,  
 3815453.8, 856.8, 1989.7, 0.0);  
 ( 391305.3, 3815432.4, 856.1, 1989.7, 0.0); ( 391316.4,  
 3815411.0, 855.2, 1989.7, 0.0);  
 ( 391327.5, 3815389.6, 854.3, 1989.7, 0.0); ( 391338.6,  
 3815368.2, 853.4, 1989.7, 0.0);  
 ( 391349.7, 3815346.8, 852.6, 1989.7, 0.0); ( 391360.8,  
 3815325.3, 851.7, 1989.7, 0.0);  
 ( 391371.9, 3815303.9, 851.1, 1989.7, 0.0); ( 391383.0,  
 3815282.5, 850.5, 1989.7, 0.0);  
 ( 391394.2, 3815261.1, 849.9, 1989.7, 0.0); ( 391405.3,  
 3815239.7, 849.3, 1989.7, 0.0);  
 ( 391416.4, 3815218.3, 848.7, 1989.7, 0.0); ( 391427.5,  
 3815196.9, 848.2, 1989.7, 0.0);  
 ( 391438.6, 3815175.4, 848.2, 1989.7, 0.0); ( 391449.7,  
 3815154.0, 848.2, 1989.7, 0.0);  
 ( 391460.8, 3815132.6, 848.1, 1989.7, 0.0); ( 391471.9,  
 3815111.2, 846.6, 1989.7, 0.0);  
 ( 391483.0, 3815089.8, 844.8, 1989.7, 0.0); ( 391494.1,  
 3815068.4, 843.3, 1989.7, 0.0);  
 ( 391505.2, 3815047.0, 842.9, 1989.7, 0.0); ( 391516.3,  
 3815025.5, 842.7, 1989.7, 0.0);  
 ( 391527.5, 3815004.1, 842.8, 1989.7, 0.0); ( 391538.6,  
 3814982.7, 842.8, 1989.7, 0.0);  
 ( 391549.7, 3814961.3, 842.9, 1989.7, 0.0); ( 391560.8,  
 3814939.9, 843.0, 1989.7, 0.0);  
 ( 391571.9, 3814918.5, 843.1, 1989.7, 0.0); ( 391583.0,  
 3814897.1, 843.1, 1989.7, 0.0);  
 ( 391594.1, 3814875.6, 843.1, 1989.7, 0.0); ( 391605.2,  
 3814854.2, 843.1, 1989.7, 0.0);  
 ( 391616.3, 3814832.8, 843.1, 1989.7, 0.0); ( 391627.4,  
 3814811.4, 843.2, 1989.7, 0.0);  
 ( 391638.5, 3814790.0, 843.4, 1989.7, 0.0); ( 391649.7,  
 3814768.6, 843.5, 1989.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 227

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 391660.8, 3814747.2, 843.6, 1989.7, 0.0); ( 391671.9,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814725.8,  | 843.6,     | 1989.7, | 0.0);   |       |             |
| ( 391683.0, | 3814704.3, | 843.4,  | 1989.7, | 0.0); | ( 391694.1, |
| 3814682.9,  | 843.4,     | 1989.7, | 0.0);   |       |             |
| ( 391705.2, | 3814661.5, | 843.5,  | 1989.7, | 0.0); | ( 391716.3, |
| 3814640.1,  | 843.7,     | 1989.7, | 0.0);   |       |             |
| ( 391727.4, | 3814618.7, | 843.9,  | 1989.7, | 0.0); | ( 391738.5, |
| 3814597.3,  | 843.8,     | 1989.7, | 0.0);   |       |             |
| ( 391749.6, | 3814575.8, | 843.6,  | 1989.7, | 0.0); | ( 391760.7, |
| 3814554.4,  | 843.4,     | 1989.7, | 0.0);   |       |             |
| ( 391771.8, | 3814533.0, | 843.4,  | 1989.7, | 0.0); | ( 391783.0, |
| 3814511.6,  | 843.3,     | 1989.7, | 0.0);   |       |             |
| ( 391794.1, | 3814490.2, | 843.5,  | 1989.7, | 0.0); | ( 391805.2, |
| 3814468.8,  | 845.0,     | 1989.7, | 0.0);   |       |             |
| ( 391816.3, | 3814447.4, | 847.4,  | 1989.7, | 0.0); | ( 391827.4, |
| 3814426.0,  | 851.6,     | 1989.7, | 0.0);   |       |             |
| ( 391838.5, | 3814404.5, | 853.0,  | 1989.7, | 0.0); | ( 391849.6, |
| 3814383.1,  | 853.2,     | 1989.7, | 0.0);   |       |             |
| ( 391860.7, | 3814361.7, | 852.9,  | 1989.7, | 0.0); | ( 391871.8, |
| 3814340.3,  | 852.1,     | 1989.7, | 0.0);   |       |             |
| ( 391882.9, | 3814318.9, | 852.2,  | 1989.7, | 0.0); | ( 391894.0, |
| 3814297.5,  | 853.3,     | 1989.7, | 0.0);   |       |             |
| ( 391905.1, | 3814276.1, | 854.9,  | 1989.7, | 0.0); | ( 391916.3, |
| 3814254.6,  | 856.5,     | 1989.7, | 0.0);   |       |             |
| ( 391927.4, | 3814233.2, | 858.2,  | 1989.7, | 0.0); | ( 391938.5, |
| 3814211.8,  | 860.3,     | 1989.7, | 0.0);   |       |             |
| ( 391949.6, | 3814190.4, | 862.5,  | 1989.7, | 0.0); | ( 391960.7, |
| 3814169.0,  | 864.5,     | 1989.7, | 0.0);   |       |             |
| ( 391971.8, | 3814147.6, | 866.8,  | 1989.7, | 0.0); | ( 391982.9, |
| 3814126.2,  | 869.1,     | 1989.7, | 0.0);   |       |             |
| ( 391994.0, | 3814104.8, | 871.5,  | 1989.7, | 0.0); | ( 392005.1, |
| 3814083.3,  | 874.1,     | 1989.7, | 0.0);   |       |             |
| ( 392016.2, | 3814061.9, | 876.6,  | 1989.7, | 0.0); | ( 392027.3, |
| 3814040.5,  | 879.1,     | 1989.7, | 0.0);   |       |             |
| ( 392038.5, | 3814019.1, | 881.5,  | 1989.7, | 0.0); | ( 392049.6, |
| 3813997.7,  | 884.1,     | 1989.7, | 0.0);   |       |             |
| ( 392060.7, | 3813976.3, | 886.6,  | 1989.7, | 0.0); | ( 392071.8, |
| 3813954.8,  | 889.2,     | 1989.7, | 0.0);   |       |             |
| ( 392082.9, | 3813933.4, | 892.1,  | 1989.7, | 0.0); | ( 392094.0, |
| 3813912.0,  | 895.2,     | 1989.7, | 0.0);   |       |             |
| ( 392105.1, | 3813890.6, | 898.3,  | 1989.7, | 0.0); | ( 392116.2, |
| 3813869.2,  | 901.6,     | 1989.7, | 0.0);   |       |             |
| ( 392127.3, | 3813847.8, | 905.1,  | 1989.7, | 0.0); | ( 392138.4, |
| 3813826.4,  | 908.7,     | 1989.7, | 0.0);   |       |             |
| ( 392149.5, | 3813804.9, | 912.2,  | 1989.7, | 0.0); | ( 392160.6, |
| 3813783.5,  | 915.8,     | 1989.7, | 0.0);   |       |             |
| ( 392171.8, | 3813762.1, | 920.0,  | 1989.7, | 0.0); | ( 392182.9, |
| 3813740.7,  | 924.5,     | 1989.7, | 0.0);   |       |             |
| ( 392194.0, | 3813719.3, | 929.7,  | 1989.7, | 0.0); | ( 392205.1, |
| 3813697.9,  | 936.7,     | 1989.7, | 0.0);   |       |             |
| ( 392216.2, | 3813676.5, | 944.7,  | 1989.7, | 0.0); | ( 392227.3, |



```

3813655.0, 953.4, 1989.7, 0.0);
 (392238.4, 3813633.6, 962.9, 1989.7, 0.0); (392249.5,
3813612.2, 973.1, 1989.7, 0.0);
 (392260.6, 3813590.8, 983.6, 1989.7, 0.0); (392271.7,
3813569.4, 994.2, 1989.7, 0.0);
 (392282.8, 3813548.0, 1004.7, 1989.7, 0.0); (392294.0,
3813526.6, 1013.4, 1989.7, 0.0);
 (392305.1, 3813505.1, 1017.8, 1989.7, 0.0); (392316.2,
3813483.7, 1020.7, 1989.7, 0.0);
 (392327.3, 3813462.3, 1020.7, 1989.7, 0.0); (392338.4,
3813440.9, 1022.6, 1989.7, 0.0);
 (392349.5, 3813419.5, 1025.0, 1989.7, 0.0); (392360.6,
3813398.1, 1025.2, 1989.7, 0.0);
 (392371.7, 3813376.7, 1024.9, 1989.7, 0.0); (392382.8,
3813355.3, 1025.9, 1989.7, 0.0);
 (392393.9, 3813333.8, 1028.4, 1989.7, 0.0); (392405.0,
3813312.4, 1030.8, 1989.7, 0.0);
 (392416.1, 3813291.0, 1033.1, 1989.7, 0.0); (392427.2,
3813269.6, 1034.3, 1989.7, 0.0);
 (392438.4, 3813248.2, 1036.7, 1989.7, 0.0); (392449.5,
3813226.8, 1045.7, 1989.7, 0.0);
 (392460.6, 3813205.4, 1057.0, 1989.7, 0.0); (392471.7,
3813183.9, 1069.4, 1989.7, 0.0);
 (392482.8, 3813162.5, 1078.9, 1989.7, 0.0); (392493.9,
3813141.1, 1088.6, 1989.7, 0.0);
 (392528.6, 3813114.5, 1098.7, 1989.7, 0.0); (392552.1,
3813109.2, 1101.1, 1989.7, 0.0);
 (392575.7, 3813104.0, 1105.0, 1989.7, 0.0); (392599.2,
3813098.8, 1111.7, 1989.7, 0.0);
 (392622.8, 3813093.5, 1120.5, 1989.7, 0.0); (392646.3,
3813088.3, 1129.0, 1989.7, 0.0);
 (392669.8, 3813083.0, 1132.0, 1981.6, 0.0); (392693.4,
3813077.8, 1133.0, 1980.1, 0.0);
 (392717.0, 3813072.6, 1128.4, 1989.7, 0.0); (392740.5,
3813067.3, 1121.2, 1989.7, 0.0);
 (392764.0, 3813062.1, 1116.5, 1989.7, 0.0); (392787.6,
3813056.8, 1113.9, 1989.7, 0.0);
 (392811.1, 3813051.6, 1111.6, 1989.7, 0.0); (392834.7,
3813046.4, 1108.7, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 228

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 392858.2, 3813041.1, 1107.0, 1989.7, | 0.0); | ( 392881.8, |
| 3813035.9, 1108.4, 1989.7, 0.0);       |       |             |
| ( 392905.3, 3813030.7, 1111.4, 1989.7, | 0.0); | ( 392928.9, |
| 3813025.4, 1111.5, 1989.7, 0.0);       |       |             |
| ( 392952.4, 3813020.2, 1107.1, 1989.7, | 0.0); | ( 392976.0, |
| 3813014.9, 1101.5, 1989.7, 0.0);       |       |             |
| ( 392999.5, 3813009.7, 1091.6, 1989.7, | 0.0); | ( 393023.1, |
| 3813004.5, 1078.7, 1989.7, 0.0);       |       |             |
| ( 393046.6, 3812999.2, 1070.0, 1989.7, | 0.0); | ( 393070.2, |
| 3812994.0, 1066.5, 1989.7, 0.0);       |       |             |
| ( 393093.7, 3812988.8, 1061.4, 1989.7, | 0.0); | ( 393117.3, |
| 3812983.5, 1056.7, 1989.7, 0.0);       |       |             |
| ( 393140.8, 3812978.3, 1054.0, 1989.7, | 0.0); | ( 393164.4, |
| 3812973.0, 1049.0, 1989.7, 0.0);       |       |             |
| ( 393187.9, 3812967.8, 1040.8, 1989.7, | 0.0); | ( 393211.5, |
| 3812962.6, 1032.0, 1989.7, 0.0);       |       |             |
| ( 393235.0, 3812957.3, 1023.0, 1989.7, | 0.0); | ( 393258.6, |
| 3812952.1, 1014.1, 1989.7, 0.0);       |       |             |
| ( 393282.1, 3812946.9, 1006.2, 1989.7, | 0.0); | ( 393305.7, |
| 3812941.6, 998.5, 1989.7, 0.0);        |       |             |
| ( 393329.2, 3812936.4, 988.5, 1989.7,  | 0.0); | ( 393352.8, |
| 3812931.1, 981.1, 1989.7, 0.0);        |       |             |
| ( 393376.3, 3812925.9, 985.6, 1989.7,  | 0.0); | ( 393399.8, |
| 3812920.7, 990.3, 1989.7, 0.0);        |       |             |
| ( 393423.4, 3812915.4, 988.8, 1989.7,  | 0.0); | ( 393447.0, |
| 3812910.2, 986.2, 1989.7, 0.0);        |       |             |
| ( 393470.5, 3812904.9, 984.6, 1989.7,  | 0.0); | ( 393494.0, |
| 3812899.7, 987.3, 1989.7, 0.0);        |       |             |
| ( 393517.6, 3812894.5, 995.5, 1989.7,  | 0.0); | ( 393541.1, |
| 3812889.2, 1004.8, 1989.7, 0.0);       |       |             |
| ( 393564.7, 3812884.0, 1008.0, 1989.7, | 0.0); | ( 393588.2, |
| 3812878.8, 1002.2, 1989.7, 0.0);       |       |             |
| ( 393611.8, 3812873.5, 993.0, 1989.7,  | 0.0); | ( 393635.3, |
| 3812868.3, 994.4, 1989.7, 0.0);        |       |             |
| ( 393658.9, 3812863.0, 1004.9, 1989.7, | 0.0); | ( 393682.4, |
| 3812857.8, 1016.5, 1989.7, 0.0);       |       |             |
| ( 393706.0, 3812852.6, 1025.7, 1989.7, | 0.0); | ( 393729.5, |
| 3812847.3, 1025.9, 1989.7, 0.0);       |       |             |
| ( 393753.1, 3812842.1, 1016.3, 1989.7, | 0.0); | ( 393776.6, |
| 3812836.9, 1001.6, 1989.7, 0.0);       |       |             |
| ( 393800.2, 3812831.6, 986.4, 1989.7,  | 0.0); | ( 393823.7, |
| 3812826.4, 972.2, 1989.7, 0.0);        |       |             |
| ( 393847.3, 3812821.1, 960.4, 1989.7,  | 0.0); | ( 393870.8, |
| 3812815.9, 950.7, 1989.7, 0.0);        |       |             |
| ( 393894.4, 3812810.7, 941.4, 1989.7,  | 0.0); | ( 393917.9, |
| 3812805.4, 932.7, 1989.7, 0.0);        |       |             |
| ( 393941.5, 3812800.2, 926.5, 1989.7,  | 0.0); | ( 393965.0, |
| 3812795.0, 922.9, 1989.7, 0.0);        |       |             |
| ( 393988.6, 3812789.7, 920.7, 1989.7,  | 0.0); | ( 394012.1, |

```

3812784.5, 916.9, 1989.7, 0.0);
 (394035.7, 3812779.2, 911.4, 1989.7, 0.0); (394059.2,
3812774.0, 905.1, 1989.7, 0.0);
 (394082.8, 3812768.8, 902.2, 1989.7, 0.0); (394106.3,
3812763.5, 903.4, 1989.7, 0.0);
 (394129.8, 3812758.3, 906.7, 1989.7, 0.0); (394153.4,
3812753.1, 910.5, 1989.7, 0.0);
 (394177.0, 3812747.8, 914.3, 1989.7, 0.0); (394200.5,
3812742.6, 917.7, 1989.7, 0.0);
 (394224.0, 3812737.3, 921.3, 1989.7, 0.0); (394247.6,
3812732.1, 926.5, 1989.7, 0.0);
 (394271.1, 3812726.9, 928.4, 1989.7, 0.0); (394294.7,
3812721.6, 925.2, 1989.7, 0.0);
 (394318.2, 3812716.4, 921.2, 1989.7, 0.0); (394341.8,
3812711.2, 918.7, 1989.7, 0.0);
 (394365.3, 3812705.9, 917.6, 2060.8, 0.0); (394388.9,
3812700.7, 917.6, 2060.8, 0.0);
 (394412.4, 3812695.4, 923.7, 2060.8, 0.0); (394436.0,
3812690.2, 932.9, 1989.7, 0.0);
 (394459.5, 3812685.0, 939.7, 1989.7, 0.0); (394483.1,
3812679.7, 943.9, 1989.7, 0.0);
 (394506.6, 3812674.5, 949.1, 1989.7, 0.0); (394530.2,
3812669.3, 955.4, 1989.7, 0.0);
 (394553.7, 3812664.0, 961.8, 1989.7, 0.0); (394577.3,
3812658.8, 967.8, 1989.7, 0.0);
 (394600.8, 3812653.5, 973.9, 1989.7, 0.0); (394624.4,
3812648.3, 978.6, 1989.7, 0.0);
 (394647.9, 3812643.1, 986.1, 1989.7, 0.0); (394671.5,
3812637.8, 994.9, 1989.7, 0.0);
 (394695.0, 3812632.6, 998.3, 1989.7, 0.0); (394718.6,
3812627.3, 995.7, 1989.7, 0.0);
 (394742.1, 3812622.1, 991.2, 1989.7, 0.0); (394765.7,
3812616.9, 984.9, 1989.7, 0.0);
 (394789.2, 3812611.6, 977.3, 1989.7, 0.0); (394812.8,
3812606.4, 969.6, 1989.7, 0.0);
 (394836.3, 3812601.2, 963.8, 2060.8, 0.0); (394859.8,
3812595.9, 961.8, 2060.8, 0.0);
 (394883.4, 3812590.7, 961.9, 2060.8, 0.0); (394907.0,
3812585.4, 964.5, 2060.8, 0.0);
 (394930.5, 3812580.2, 966.8, 2060.8, 0.0); (394954.0,
3812575.0, 969.1, 2060.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 229

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 394977.6, 3812569.7, 971.2, 2060.8, 0.0);  | ( 395001.1, |
| 3812564.5, 973.0, 2060.8, 0.0);              |             |
| ( 395024.7, 3812559.3, 974.3, 2084.1, 0.0);  | ( 395048.2, |
| 3812554.0, 975.3, 2084.1, 0.0);              |             |
| ( 395071.8, 3812548.8, 976.9, 2084.1, 0.0);  | ( 395095.3, |
| 3812543.5, 978.0, 2084.1, 0.0);              |             |
| ( 395118.9, 3812538.3, 976.5, 2084.1, 0.0);  | ( 395142.4, |
| 3812533.1, 975.0, 2084.1, 0.0);              |             |
| ( 395166.0, 3812527.8, 978.0, 2084.1, 0.0);  | ( 395189.5, |
| 3812522.6, 979.4, 2084.1, 0.0);              |             |
| ( 395213.1, 3812517.4, 980.4, 2084.1, 0.0);  | ( 395236.6, |
| 3812512.1, 982.2, 2084.1, 0.0);              |             |
| ( 395260.2, 3812506.9, 985.7, 2084.1, 0.0);  | ( 395283.7, |
| 3812501.6, 988.6, 2084.1, 0.0);              |             |
| ( 395307.3, 3812496.4, 989.0, 2084.1, 0.0);  | ( 395330.8, |
| 3812491.2, 990.1, 2084.1, 0.0);              |             |
| ( 395354.4, 3812485.9, 993.2, 2084.1, 0.0);  | ( 395377.9, |
| 3812480.7, 997.6, 2084.1, 0.0);              |             |
| ( 395401.5, 3812475.5, 1000.1, 2084.1, 0.0); | ( 395425.0, |
| 3812470.2, 999.9, 2084.1, 0.0);              |             |
| ( 395448.6, 3812465.0, 1000.8, 2084.1, 0.0); | ( 395472.1, |
| 3812459.8, 1003.1, 2084.1, 0.0);             |             |
| ( 395495.7, 3812454.5, 1003.9, 2084.1, 0.0); | ( 395519.2, |
| 3812449.3, 1005.4, 2084.1, 0.0);             |             |
| ( 395542.8, 3812444.0, 1006.6, 2084.1, 0.0); | ( 395566.3, |
| 3812438.8, 1008.1, 2084.1, 0.0);             |             |
| ( 395589.8, 3812433.6, 1014.5, 2084.1, 0.0); | ( 395613.4, |
| 3812428.3, 1018.8, 2084.1, 0.0);             |             |
| ( 391005.4, 3816010.6, 873.2, 1937.2, 0.0);  | ( 391004.3, |
| 3816034.8, 878.9, 1937.2, 0.0);              |             |
| ( 391003.3, 3816059.0, 884.0, 1937.2, 0.0);  | ( 391002.3, |
| 3816083.2, 884.8, 1937.2, 0.0);              |             |
| ( 391001.3, 3816107.4, 883.3, 1937.2, 0.0);  | ( 391000.3, |
| 3816131.6, 882.0, 1937.2, 0.0);              |             |
| ( 390999.3, 3816155.8, 884.4, 1439.5, 0.0);  | ( 389684.3, |
| 3815933.3, 845.6, 1980.1, 0.0);              |             |
| ( 389695.5, 3815911.8, 844.5, 1980.1, 0.0);  | ( 389706.7, |
| 3815890.3, 843.4, 1980.1, 0.0);              |             |
| ( 389717.8, 3815868.8, 842.5, 1983.1, 0.0);  | ( 389729.0, |
| 3815847.3, 841.8, 1988.2, 0.0);              |             |
| ( 389740.1, 3815825.8, 840.6, 1989.7, 0.0);  | ( 389751.3, |
| 3815804.3, 839.6, 1989.7, 0.0);              |             |
| ( 389762.4, 3815782.8, 838.8, 1989.7, 0.0);  | ( 389773.6, |
| 3815761.3, 838.2, 1989.7, 0.0);              |             |
| ( 389784.7, 3815739.8, 837.4, 1989.7, 0.0);  | ( 389795.9, |
| 3815718.3, 837.3, 1989.7, 0.0);              |             |
| ( 389807.0, 3815696.8, 837.3, 1989.7, 0.0);  | ( 389818.2, |

```

3815675.3, 837.2, 1989.7, 0.0);
(389829.4, 3815653.8, 837.1, 1989.7, 0.0); (389840.5,
3815632.3, 836.9, 1989.7, 0.0);
(389851.7, 3815610.8, 836.7, 1989.7, 0.0); (389862.8,
3815589.3, 836.7, 1989.7, 0.0);
(389874.0, 3815567.8, 836.2, 1989.7, 0.0); (389885.1,
3815546.3, 835.7, 1989.7, 0.0);
(389896.3, 3815524.8, 835.4, 1989.7, 0.0); (389907.4,
3815503.3, 835.2, 1989.7, 0.0);
(389918.6, 3815481.8, 835.1, 1989.7, 0.0); (389929.8,
3815460.2, 834.8, 1989.7, 0.0);
(389940.9, 3815438.8, 834.3, 1989.7, 0.0); (389952.1,
3815417.2, 834.0, 1989.7, 0.0);
(389963.2, 3815395.8, 833.9, 1989.7, 0.0); (389974.4,
3815374.2, 833.2, 1989.7, 0.0);
(389985.5, 3815352.7, 832.5, 1989.7, 0.0); (389996.7,
3815331.2, 831.8, 1989.7, 0.0);
(390007.8, 3815309.7, 831.1, 1989.7, 0.0); (390019.0,
3815288.2, 830.4, 1989.7, 0.0);
(390030.1, 3815266.7, 829.6, 1989.7, 0.0); (390041.3,
3815245.2, 828.9, 1989.7, 0.0);
(390052.5, 3815223.7, 828.3, 1989.7, 0.0); (390063.6,
3815202.2, 827.8, 1989.7, 0.0);
(390074.8, 3815180.7, 827.3, 1989.7, 0.0); (390085.9,
3815159.2, 826.9, 1989.7, 0.0);
(390097.1, 3815137.7, 826.4, 1989.7, 0.0); (390108.2,
3815116.2, 825.8, 1989.7, 0.0);
(390119.4, 3815094.7, 825.5, 1989.7, 0.0); (390130.5,
3815073.2, 825.3, 1989.7, 0.0);
(390141.7, 3815051.7, 825.1, 1989.7, 0.0); (390152.8,
3815030.2, 824.9, 1989.7, 0.0);
(390164.0, 3815008.7, 824.8, 1989.7, 0.0); (390175.2,
3814987.2, 824.6, 1989.7, 0.0);
(390186.3, 3814965.7, 824.4, 1989.7, 0.0); (390197.5,
3814944.2, 824.3, 1989.7, 0.0);
(390208.6, 3814922.7, 824.3, 1989.7, 0.0); (390219.8,
3814901.2, 824.3, 1989.7, 0.0);
(390230.9, 3814879.7, 824.4, 1989.7, 0.0); (390242.1,
3814858.2, 824.5, 1989.7, 0.0);
(390253.2, 3814836.7, 824.8, 1989.7, 0.0); (390264.4,
3814815.2, 825.0, 1989.7, 0.0);
(390275.5, 3814793.7, 825.0, 1989.7, 0.0); (390286.7,
3814772.1, 824.8, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 230

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 390297.9, 3814750.6, 824.9, 1989.7, 0.0); | ( 390309.0, |
| 3814729.1, 825.2, 1989.7, 0.0);             |             |
| ( 390320.2, 3814707.6, 825.2, 1989.7, 0.0); | ( 390331.3, |
| 3814686.1, 825.0, 1989.7, 0.0);             |             |
| ( 390342.5, 3814664.6, 825.1, 1989.7, 0.0); | ( 390353.6, |
| 3814643.1, 825.2, 1989.7, 0.0);             |             |
| ( 390364.8, 3814621.6, 825.3, 1989.7, 0.0); | ( 390375.9, |
| 3814600.1, 825.5, 1989.7, 0.0);             |             |
| ( 390387.1, 3814578.6, 825.6, 1989.7, 0.0); | ( 390398.2, |
| 3814557.1, 825.6, 1989.7, 0.0);             |             |
| ( 390409.4, 3814535.6, 825.8, 1989.7, 0.0); | ( 390420.6, |
| 3814514.1, 825.9, 1989.7, 0.0);             |             |
| ( 390431.7, 3814492.6, 826.0, 1989.7, 0.0); | ( 390442.9, |
| 3814471.1, 826.0, 1989.7, 0.0);             |             |
| ( 390454.0, 3814449.6, 827.1, 1989.7, 0.0); | ( 390465.2, |
| 3814428.1, 828.9, 1989.7, 0.0);             |             |
| ( 390476.3, 3814406.6, 832.2, 1989.7, 0.0); | ( 390487.5, |
| 3814385.1, 834.3, 1989.7, 0.0);             |             |
| ( 390498.6, 3814363.6, 834.8, 1989.7, 0.0); | ( 390509.8, |
| 3814342.1, 833.9, 1989.7, 0.0);             |             |
| ( 390521.0, 3814320.6, 833.6, 1989.7, 0.0); | ( 390532.1, |
| 3814299.1, 834.3, 1989.7, 0.0);             |             |
| ( 390543.3, 3814277.6, 834.5, 1989.7, 0.0); | ( 390554.4, |
| 3814256.1, 834.5, 1989.7, 0.0);             |             |
| ( 390565.6, 3814234.6, 835.2, 1989.7, 0.0); | ( 390576.7, |
| 3814213.1, 834.5, 1989.7, 0.0);             |             |
| ( 390587.9, 3814191.6, 832.1, 1989.7, 0.0); | ( 390599.0, |
| 3814170.1, 829.8, 1989.7, 0.0);             |             |
| ( 390610.2, 3814148.6, 827.2, 1989.7, 0.0); | ( 390621.3, |
| 3814127.1, 822.9, 1989.7, 0.0);             |             |
| ( 390632.5, 3814105.6, 823.3, 1989.7, 0.0); | ( 390643.7, |
| 3814084.0, 824.2, 1989.7, 0.0);             |             |
| ( 390654.8, 3814062.5, 825.8, 1989.7, 0.0); | ( 390666.0, |
| 3814041.0, 828.7, 1989.7, 0.0);             |             |
| ( 390677.1, 3814019.5, 830.4, 1989.7, 0.0); | ( 390688.3, |
| 3813998.0, 831.1, 1989.7, 0.0);             |             |
| ( 390699.4, 3813976.5, 831.8, 1989.7, 0.0); | ( 390710.6, |
| 3813955.0, 832.3, 1989.7, 0.0);             |             |
| ( 390721.7, 3813933.5, 833.0, 1989.7, 0.0); | ( 390732.9, |
| 3813912.0, 833.8, 1989.7, 0.0);             |             |
| ( 390744.0, 3813890.5, 835.2, 1989.7, 0.0); | ( 390755.2, |
| 3813869.0, 835.6, 1989.7, 0.0);             |             |
| ( 390766.4, 3813847.5, 835.0, 1989.7, 0.0); | ( 390777.5, |
| 3813826.0, 831.1, 1989.7, 0.0);             |             |
| ( 390788.7, 3813804.5, 828.1, 1989.7, 0.0); | ( 390799.8, |

```

3813783.0, 826.7, 1989.7, 0.0);
(390811.0, 3813761.5, 824.9, 1989.7, 0.0); (390822.1,
3813740.0, 823.7, 1989.7, 0.0);
(390833.3, 3813718.5, 823.9, 1989.7, 0.0); (390844.5,
3813697.0, 826.1, 1989.7, 0.0);
(390855.6, 3813675.5, 828.9, 1989.7, 0.0); (390866.8,
3813654.0, 832.6, 1989.7, 0.0);
(390877.9, 3813632.5, 837.1, 1989.7, 0.0); (390889.1,
3813611.0, 839.0, 1989.7, 0.0);
(390900.2, 3813589.5, 840.9, 1989.7, 0.0); (390911.4,
3813568.0, 843.2, 1989.7, 0.0);
(390922.5, 3813546.5, 844.2, 1989.7, 0.0); (390933.7,
3813525.0, 845.1, 1989.7, 0.0);
(390944.8, 3813503.5, 845.2, 1989.7, 0.0); (390956.0,
3813482.0, 842.3, 1989.7, 0.0);
(390967.1, 3813460.5, 839.5, 1989.7, 0.0); (390978.3,
3813439.0, 838.5, 1989.7, 0.0);
(390989.5, 3813417.5, 838.2, 1989.7, 0.0); (391000.6,
3813395.9, 842.3, 1989.7, 0.0);
(391011.8, 3813374.4, 845.7, 1989.7, 0.0); (391022.9,
3813352.9, 850.0, 1989.7, 0.0);
(391034.1, 3813331.4, 856.3, 1989.7, 0.0); (391045.2,
3813309.9, 861.8, 1989.7, 0.0);
(391056.4, 3813288.4, 866.0, 1989.7, 0.0); (391067.5,
3813266.9, 870.5, 1989.7, 0.0);
(391078.7, 3813245.4, 876.5, 1989.7, 0.0); (391089.8,
3813223.9, 884.0, 1989.7, 0.0);
(391101.0, 3813202.4, 892.8, 1989.7, 0.0); (391112.2,
3813180.9, 902.4, 1989.7, 0.0);
(391123.3, 3813159.4, 908.1, 1989.7, 0.0); (391134.5,
3813137.9, 913.5, 1989.7, 0.0);
(391145.6, 3813116.4, 919.4, 1989.7, 0.0); (391156.8,
3813094.9, 926.7, 1989.7, 0.0);
(391167.9, 3813073.4, 936.2, 1989.7, 0.0); (391179.1,
3813051.9, 941.3, 1989.7, 0.0);
(391190.2, 3813030.4, 946.5, 1989.7, 0.0); (391201.4,
3813008.9, 950.5, 1989.7, 0.0);
(391212.5, 3812987.4, 950.1, 1989.7, 0.0); (391223.7,
3812965.9, 955.0, 1989.7, 0.0);
(391234.9, 3812944.4, 964.6, 1989.7, 0.0); (391246.0,
3812922.9, 974.3, 1989.7, 0.0);
(391257.2, 3812901.4, 979.0, 1989.7, 0.0); (391268.3,
3812879.9, 980.2, 1989.7, 0.0);
(391279.5, 3812858.4, 981.1, 1989.7, 0.0); (391290.6,
3812836.9, 984.3, 1989.7, 0.0);
*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 391301.8, 3812815.4, 986.7, 1989.7, 0.0);  | ( 391313.0, |
| 3812793.9, 987.8, 1989.7, 0.0);              |             |
| ( 391324.1, 3812772.4, 992.2, 1989.7, 0.0);  | ( 391335.3, |
| 3812750.9, 998.0, 1989.7, 0.0);              |             |
| ( 391346.4, 3812729.4, 1000.4, 1989.7, 0.0); | ( 391357.6, |
| 3812707.8, 993.3, 1989.7, 0.0);              |             |
| ( 391368.7, 3812686.3, 982.8, 1989.7, 0.0);  | ( 391379.9, |
| 3812664.8, 975.0, 1989.7, 0.0);              |             |
| ( 391391.0, 3812643.3, 973.5, 1989.7, 0.0);  | ( 391402.2, |
| 3812621.8, 978.4, 1989.7, 0.0);              |             |
| ( 391413.3, 3812600.3, 985.5, 1989.7, 0.0);  | ( 391424.5, |
| 3812578.8, 993.9, 1989.7, 0.0);              |             |
| ( 391435.6, 3812557.3, 990.0, 1989.7, 0.0);  | ( 391446.8, |
| 3812535.8, 983.0, 1989.7, 0.0);              |             |
| ( 391458.0, 3812514.3, 978.7, 1989.7, 0.0);  | ( 391469.1, |
| 3812492.8, 976.9, 1989.7, 0.0);              |             |
| ( 391480.3, 3812471.3, 971.7, 1989.7, 0.0);  | ( 391491.4, |
| 3812449.8, 966.4, 1989.7, 0.0);              |             |
| ( 391502.6, 3812428.3, 963.3, 1989.7, 0.0);  | ( 391513.7, |
| 3812406.8, 961.8, 1989.7, 0.0);              |             |
| ( 391524.9, 3812385.3, 962.6, 1989.7, 0.0);  | ( 391536.0, |
| 3812363.8, 965.1, 1989.7, 0.0);              |             |
| ( 391547.2, 3812342.3, 969.4, 1989.7, 0.0);  | ( 391558.3, |
| 3812320.8, 974.6, 1989.7, 0.0);              |             |
| ( 391569.5, 3812299.3, 978.6, 1989.7, 0.0);  | ( 391580.7, |
| 3812277.8, 981.4, 1989.7, 0.0);              |             |
| ( 391591.8, 3812256.3, 975.4, 1989.7, 0.0);  | ( 391603.0, |
| 3812234.8, 963.3, 1989.7, 0.0);              |             |
| ( 391614.1, 3812213.3, 951.5, 1989.7, 0.0);  | ( 391625.3, |
| 3812191.8, 941.7, 1989.7, 0.0);              |             |
| ( 391636.4, 3812170.3, 932.7, 1989.7, 0.0);  | ( 391647.6, |
| 3812148.8, 926.6, 1989.7, 0.0);              |             |
| ( 391658.7, 3812127.3, 920.0, 1989.7, 0.0);  | ( 391669.9, |
| 3812105.8, 918.2, 1989.7, 0.0);              |             |
| ( 391681.0, 3812084.3, 919.8, 1989.7, 0.0);  | ( 391715.9, |
| 3812057.5, 933.0, 1989.7, 0.0);              |             |
| ( 391739.5, 3812052.2, 927.0, 1989.7, 0.0);  | ( 391763.1, |
| 3812047.0, 917.5, 1989.7, 0.0);              |             |
| ( 391786.8, 3812041.7, 911.6, 1989.7, 0.0);  | ( 391810.4, |
| 3812036.5, 909.7, 1989.7, 0.0);              |             |
| ( 391834.1, 3812031.2, 906.4, 1989.7, 0.0);  | ( 391857.7, |
| 3812025.9, 903.7, 1989.7, 0.0);              |             |
| ( 391881.4, 3812020.7, 904.1, 1989.7, 0.0);  | ( 391905.0, |



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812015.4,  | 903.0,     | 1989.7, | 0.0);   |       |             |
| ( 391928.7, | 3812010.2, | 903.8,  | 1989.7, | 0.0); | ( 391952.3, |
| 3812004.9,  | 907.4,     | 1989.7, | 0.0);   |       |             |
| ( 391976.0, | 3811999.6, | 909.6,  | 1989.7, | 0.0); | ( 391999.6, |
| 3811994.4,  | 910.9,     | 1989.7, | 0.0);   |       |             |
| ( 392023.3, | 3811989.1, | 911.7,  | 1989.7, | 0.0); | ( 392046.9, |
| 3811983.9,  | 912.4,     | 1989.7, | 0.0);   |       |             |
| ( 392070.5, | 3811978.6, | 912.3,  | 1989.7, | 0.0); | ( 392094.2, |
| 3811973.3,  | 911.3,     | 1989.7, | 0.0);   |       |             |
| ( 392117.8, | 3811968.1, | 910.9,  | 1989.7, | 0.0); | ( 392141.5, |
| 3811962.8,  | 909.1,     | 1989.7, | 0.0);   |       |             |
| ( 392165.1, | 3811957.6, | 910.1,  | 1989.7, | 0.0); | ( 392188.8, |
| 3811952.3,  | 912.6,     | 1989.7, | 0.0);   |       |             |
| ( 392212.4, | 3811947.0, | 914.6,  | 1989.7, | 0.0); | ( 392236.1, |
| 3811941.8,  | 916.1,     | 1989.7, | 0.0);   |       |             |
| ( 392259.7, | 3811936.5, | 916.8,  | 1989.7, | 0.0); | ( 392283.4, |
| 3811931.3,  | 917.2,     | 1989.7, | 0.0);   |       |             |
| ( 392307.0, | 3811926.0, | 918.2,  | 1989.7, | 0.0); | ( 392330.7, |
| 3811920.8,  | 919.6,     | 1989.7, | 0.0);   |       |             |
| ( 392354.3, | 3811915.5, | 922.1,  | 1989.7, | 0.0); | ( 392378.0, |
| 3811910.2,  | 924.9,     | 1989.7, | 0.0);   |       |             |
| ( 392401.6, | 3811905.0, | 925.8,  | 1989.7, | 0.0); | ( 392425.2, |
| 3811899.7,  | 926.1,     | 1989.7, | 0.0);   |       |             |
| ( 392448.9, | 3811894.4, | 927.2,  | 1989.7, | 0.0); | ( 392472.5, |
| 3811889.2,  | 929.8,     | 1989.7, | 0.0);   |       |             |
| ( 392496.2, | 3811883.9, | 932.6,  | 1989.7, | 0.0); | ( 392519.8, |
| 3811878.7,  | 935.3,     | 1989.7, | 0.0);   |       |             |
| ( 392543.5, | 3811873.4, | 938.7,  | 1989.7, | 0.0); | ( 392567.1, |
| 3811868.2,  | 942.0,     | 1989.7, | 0.0);   |       |             |
| ( 392590.8, | 3811862.9, | 944.1,  | 1989.7, | 0.0); | ( 392614.4, |
| 3811857.6,  | 946.5,     | 1989.7, | 0.0);   |       |             |
| ( 392638.1, | 3811852.4, | 949.5,  | 1989.7, | 0.0); | ( 392661.7, |
| 3811847.1,  | 951.7,     | 1989.7, | 0.0);   |       |             |
| ( 392685.4, | 3811841.9, | 953.0,  | 1989.7, | 0.0); | ( 392709.0, |
| 3811836.6,  | 953.9,     | 1989.7, | 0.0);   |       |             |
| ( 392732.6, | 3811831.3, | 954.0,  | 1989.7, | 0.0); | ( 392756.3, |
| 3811826.1,  | 954.2,     | 1989.7, | 0.0);   |       |             |
| ( 392779.9, | 3811820.8, | 955.5,  | 1989.7, | 0.0); | ( 392803.6, |
| 3811815.6,  | 957.6,     | 1989.7, | 0.0);   |       |             |
| ( 392827.2, | 3811810.3, | 959.9,  | 1989.7, | 0.0); | ( 392850.9, |
| 3811805.0,  | 962.3,     | 1989.7, | 0.0);   |       |             |
| ( 392874.5, | 3811799.8, | 964.8,  | 1989.7, | 0.0); | ( 392898.2, |
| 3811794.5,  | 967.4,     | 1989.7, | 0.0);   |       |             |
| ( 392921.8, | 3811789.3, | 969.9,  | 1989.7, | 0.0); | ( 392945.5, |
| 3811784.0,  | 972.4,     | 1989.7, | 0.0);   |       |             |
| ( 392969.1, | 3811778.8, | 975.0,  | 1989.7, | 0.0); | ( 392992.8, |
| 3811773.5,  | 977.7,     | 1989.7, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study

\*\*\*

17:54:19

PAGE 232

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 393016.4, 3811768.2, 980.5, 1989.7, 0.0);  | ( 393040.0, |
| 3811763.0, 983.4, 1989.7, 0.0);              |             |
| ( 393063.7, 3811757.7, 986.9, 1989.7, 0.0);  | ( 393087.3, |
| 3811752.4, 992.5, 1989.7, 0.0);              |             |
| ( 393111.0, 3811747.2, 996.1, 1989.7, 0.0);  | ( 393134.6, |
| 3811741.9, 998.7, 1989.7, 0.0);              |             |
| ( 393158.3, 3811736.7, 1005.4, 1989.7, 0.0); | ( 393181.9, |
| 3811731.4, 1017.3, 1989.7, 0.0);             |             |
| ( 393205.6, 3811726.1, 1030.9, 1989.7, 0.0); | ( 393229.2, |
| 3811720.9, 1037.4, 1989.7, 0.0);             |             |
| ( 393252.9, 3811715.6, 1041.6, 1989.7, 0.0); | ( 393276.5, |
| 3811710.4, 1051.3, 1989.7, 0.0);             |             |
| ( 393300.2, 3811705.1, 1067.1, 1989.7, 0.0); | ( 393323.8, |
| 3811699.8, 1082.5, 1989.7, 0.0);             |             |
| ( 393347.5, 3811694.6, 1094.0, 1989.7, 0.0); | ( 393371.1, |
| 3811689.3, 1098.6, 1989.7, 0.0);             |             |
| ( 393394.8, 3811684.1, 1097.8, 1989.7, 0.0); | ( 393418.4, |
| 3811678.8, 1099.6, 1989.7, 0.0);             |             |
| ( 393442.0, 3811673.5, 1101.6, 1989.7, 0.0); | ( 393465.7, |
| 3811668.3, 1098.7, 1989.7, 0.0);             |             |
| ( 393489.3, 3811663.0, 1094.6, 1989.7, 0.0); | ( 393513.0, |
| 3811657.8, 1093.3, 1989.7, 0.0);             |             |
| ( 393536.6, 3811652.5, 1094.8, 1989.7, 0.0); | ( 393560.3, |
| 3811647.3, 1095.5, 1989.7, 0.0);             |             |
| ( 393583.9, 3811642.0, 1091.7, 1989.7, 0.0); | ( 393607.6, |
| 3811636.7, 1081.9, 1989.7, 0.0);             |             |
| ( 393631.2, 3811631.5, 1068.6, 1989.7, 0.0); | ( 393654.9, |
| 3811626.2, 1055.2, 1989.7, 0.0);             |             |
| ( 393678.5, 3811621.0, 1042.5, 1989.7, 0.0); | ( 393702.1, |
| 3811615.7, 1031.7, 1989.7, 0.0);             |             |
| ( 393725.8, 3811610.4, 1023.3, 1989.7, 0.0); | ( 393749.4, |
| 3811605.2, 1016.0, 1989.7, 0.0);             |             |
| ( 393773.1, 3811599.9, 1009.3, 1989.7, 0.0); | ( 393796.7, |
| 3811594.7, 1004.9, 1989.7, 0.0);             |             |
| ( 393820.4, 3811589.4, 1001.3, 1989.7, 0.0); | ( 393844.0, |
| 3811584.1, 997.2, 1989.7, 0.0);              |             |
| ( 393867.7, 3811578.9, 991.9, 1989.7, 0.0);  | ( 393891.3, |
| 3811573.6, 986.6, 1989.7, 0.0);              |             |
| ( 393915.0, 3811568.4, 982.6, 1989.7, 0.0);  | ( 393938.6, |
| 3811563.1, 979.7, 1989.7, 0.0);              |             |
| ( 393962.3, 3811557.8, 976.9, 1989.7, 0.0);  | ( 393985.9, |

3811552.6, 973.9, 1989.7, 0.0);  
 ( 394009.5, 3811547.3, 971.5, 1989.7, 0.0); ( 394033.2,  
 3811542.1, 972.2, 1989.7, 0.0);  
 ( 394056.8, 3811536.8, 974.8, 1989.7, 0.0); ( 394080.5,  
 3811531.5, 972.6, 1989.7, 0.0);  
 ( 394104.1, 3811526.3, 969.3, 1989.7, 0.0); ( 394127.8,  
 3811521.0, 967.2, 2060.8, 0.0);  
 ( 394151.4, 3811515.8, 967.6, 2060.8, 0.0); ( 394175.1,  
 3811510.5, 963.4, 2084.1, 0.0);  
 ( 394198.7, 3811505.2, 962.1, 2084.1, 0.0); ( 394222.4,  
 3811500.0, 964.2, 2084.1, 0.0);  
 ( 394246.0, 3811494.7, 963.1, 2084.1, 0.0); ( 394269.7,  
 3811489.5, 964.8, 2084.1, 0.0);  
 ( 394293.3, 3811484.2, 970.6, 2084.1, 0.0); ( 394317.0,  
 3811478.9, 974.8, 2084.1, 0.0);  
 ( 394340.6, 3811473.7, 978.8, 2084.1, 0.0); ( 394364.2,  
 3811468.4, 984.0, 2084.1, 0.0);  
 ( 394387.9, 3811463.2, 986.5, 2084.1, 0.0); ( 394411.5,  
 3811457.9, 981.7, 2084.1, 0.0);  
 ( 394435.2, 3811452.6, 975.2, 2084.1, 0.0); ( 394458.8,  
 3811447.4, 970.0, 2084.1, 0.0);  
 ( 394482.5, 3811442.1, 965.3, 2084.1, 0.0); ( 394506.1,  
 3811436.9, 959.5, 2084.1, 0.0);  
 ( 394529.8, 3811431.6, 953.8, 2084.9, 0.0); ( 394553.4,  
 3811426.4, 955.4, 2084.9, 0.0);  
 ( 394577.1, 3811421.1, 962.7, 2084.1, 0.0); ( 394600.7,  
 3811415.8, 967.8, 2084.1, 0.0);  
 ( 394624.4, 3811410.6, 968.9, 2084.1, 0.0); ( 394648.0,  
 3811405.3, 969.0, 2084.1, 0.0);  
 ( 394671.6, 3811400.1, 968.5, 2084.9, 0.0); ( 394695.3,  
 3811394.8, 967.7, 2084.9, 0.0);  
 ( 394719.0, 3811389.5, 968.0, 2084.9, 0.0); ( 394742.6,  
 3811384.3, 968.4, 2167.1, 0.0);  
 ( 394766.2, 3811379.0, 967.0, 2167.9, 0.0); ( 394789.9,  
 3811373.8, 966.5, 2167.9, 0.0);  
 ( 394813.5, 3811368.5, 967.8, 2167.9, 0.0); ( 394837.2,  
 3811363.2, 969.6, 2167.9, 0.0);  
 ( 394860.8, 3811358.0, 970.2, 2167.9, 0.0); ( 394884.5,  
 3811352.7, 969.7, 2167.9, 0.0);  
 ( 394908.1, 3811347.5, 969.3, 2167.9, 0.0); ( 394931.8,  
 3811342.2, 969.5, 2167.9, 0.0);  
 ( 394955.4, 3811336.9, 970.0, 2167.9, 0.0); ( 394979.1,  
 3811331.7, 970.2, 2167.9, 0.0);  
 ( 395002.7, 3811326.4, 969.7, 2167.9, 0.0); ( 395026.3,  
 3811321.2, 968.2, 2167.9, 0.0);  
 ( 395050.0, 3811315.9, 965.4, 2167.9, 0.0); ( 395073.6,  
 3811310.6, 962.7, 2167.9, 0.0);  
 ( 395097.3, 3811305.4, 961.2, 2167.9, 0.0); ( 395120.9,  
 3811300.1, 960.9, 2167.9, 0.0);

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 233

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 395144.6, 3811294.9, 960.2, 2167.9, 0.0); | ( 395168.2, |
| 3811289.6, 959.4, 2167.9, 0.0);             |             |
| ( 395191.9, 3811284.3, 959.2, 2167.9, 0.0); | ( 395215.5, |
| 3811279.1, 959.4, 2167.9, 0.0);             |             |
| ( 395239.2, 3811273.8, 960.1, 2167.9, 0.0); | ( 395262.8, |
| 3811268.6, 962.0, 2167.9, 0.0);             |             |
| ( 395286.5, 3811263.3, 964.7, 2167.9, 0.0); | ( 395310.1, |
| 3811258.0, 968.3, 2167.9, 0.0);             |             |
| ( 395333.8, 3811252.8, 972.9, 2167.9, 0.0); | ( 395357.4, |
| 3811247.5, 974.5, 2167.9, 0.0);             |             |
| ( 395381.0, 3811242.3, 974.8, 2167.9, 0.0); | ( 395404.7, |
| 3811237.0, 975.1, 2167.9, 0.0);             |             |
| ( 395428.3, 3811231.8, 975.1, 2167.9, 0.0); | ( 395452.0, |
| 3811226.5, 973.6, 2167.9, 0.0);             |             |
| ( 395475.6, 3811221.2, 971.8, 2167.9, 0.0); | ( 395499.3, |
| 3811216.0, 972.0, 2167.9, 0.0);             |             |
| ( 395522.9, 3811210.7, 972.8, 2167.9, 0.0); | ( 395546.6, |
| 3811205.5, 974.0, 2167.9, 0.0);             |             |
| ( 395570.2, 3811200.2, 974.3, 2167.9, 0.0); | ( 395593.9, |
| 3811194.9, 973.8, 2167.9, 0.0);             |             |
| ( 395617.5, 3811189.7, 973.9, 2167.9, 0.0); | ( 395641.1, |
| 3811184.4, 974.8, 2167.9, 0.0);             |             |
| ( 395664.8, 3811179.2, 976.6, 2167.9, 0.0); | ( 395688.5, |
| 3811173.9, 979.7, 2167.9, 0.0);             |             |
| ( 395712.1, 3811168.6, 983.9, 2167.9, 0.0); | ( 395735.7, |
| 3811163.4, 986.2, 2167.9, 0.0);             |             |
| ( 395759.4, 3811158.1, 988.3, 2167.9, 0.0); | ( 395783.0, |
| 3811152.9, 991.0, 2167.9, 0.0);             |             |
| ( 395806.7, 3811147.6, 993.6, 2167.9, 0.0); | ( 395830.3, |
| 3811142.3, 995.7, 2167.9, 0.0);             |             |
| ( 395854.0, 3811137.1, 997.0, 2167.9, 0.0); | ( 395877.6, |
| 3811131.8, 998.1, 2167.9, 0.0);             |             |
| ( 395901.3, 3811126.6, 998.9, 2167.9, 0.0); | ( 389673.2, |
| 3815954.8, 846.4, 1980.1, 0.0);             |             |
| ( 389672.2, 3815979.0, 846.5, 1980.1, 0.0); | ( 389671.2, |
| 3816003.2, 846.8, 1980.1, 0.0);             |             |
| ( 389670.1, 3816027.4, 847.4, 1979.8, 0.0); | ( 389669.1, |
| 3816051.6, 848.2, 1956.1, 0.0);             |             |
| ( 389668.1, 3816075.9, 849.0, 1956.1, 0.0); | ( 389667.1, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816100.1,  | 849.7,     | 1955.9, | 0.0);   |       |             |
| ( 388352.2, | 3815877.6, | 912.8,  | 1255.1, | 0.0); | ( 388363.3, |
| 3815856.1,  | 907.2,     | 1255.1, | 0.0);   |       |             |
| ( 388374.4, | 3815834.7, | 902.1,  | 1255.1, | 0.0); | ( 388385.6, |
| 3815813.2,  | 897.7,     | 1255.1, | 0.0);   |       |             |
| ( 388396.7, | 3815791.8, | 894.5,  | 1255.1, | 0.0); | ( 388407.8, |
| 3815770.3,  | 891.3,     | 1255.1, | 0.0);   |       |             |
| ( 388419.0, | 3815748.8, | 889.1,  | 1255.1, | 0.0); | ( 388430.1, |
| 3815727.4,  | 888.4,     | 1934.2, | 0.0);   |       |             |
| ( 388441.2, | 3815705.9, | 888.4,  | 1937.2, | 0.0); | ( 388452.4, |
| 3815684.4,  | 888.4,     | 1937.2, | 0.0);   |       |             |
| ( 388463.5, | 3815663.0, | 888.1,  | 1937.2, | 0.0); | ( 388474.6, |
| 3815641.5,  | 887.4,     | 1937.2, | 0.0);   |       |             |
| ( 388485.8, | 3815620.1, | 886.9,  | 1937.2, | 0.0); | ( 388496.9, |
| 3815598.6,  | 885.9,     | 1937.2, | 0.0);   |       |             |
| ( 388508.0, | 3815577.1, | 883.3,  | 1937.2, | 0.0); | ( 388519.2, |
| 3815555.7,  | 881.3,     | 1953.2, | 0.0);   |       |             |
| ( 388530.3, | 3815534.2, | 878.7,  | 1956.1, | 0.0); | ( 388541.4, |
| 3815512.8,  | 876.2,     | 1979.6, | 0.0);   |       |             |
| ( 388552.6, | 3815491.3, | 875.6,  | 1980.1, | 0.0); | ( 388563.7, |
| 3815469.8,  | 875.2,     | 1980.1, | 0.0);   |       |             |
| ( 388574.8, | 3815448.4, | 876.3,  | 1980.1, | 0.0); | ( 388586.0, |
| 3815426.9,  | 877.0,     | 1980.1, | 0.0);   |       |             |
| ( 388597.1, | 3815405.4, | 877.4,  | 1980.1, | 0.0); | ( 388608.2, |
| 3815384.0,  | 877.6,     | 1980.1, | 0.0);   |       |             |
| ( 388619.4, | 3815362.5, | 877.6,  | 1980.1, | 0.0); | ( 388630.5, |
| 3815341.1,  | 877.2,     | 1980.1, | 0.0);   |       |             |
| ( 388641.6, | 3815319.6, | 876.4,  | 1980.1, | 0.0); | ( 388652.8, |
| 3815298.1,  | 875.7,     | 1981.6, | 0.0);   |       |             |
| ( 388663.9, | 3815276.7, | 874.7,  | 1988.1, | 0.0); | ( 388675.0, |
| 3815255.2,  | 874.3,     | 1989.7, | 0.0);   |       |             |
| ( 388686.2, | 3815233.8, | 874.8,  | 1989.7, | 0.0); | ( 388697.3, |
| 3815212.3,  | 876.2,     | 1989.7, | 0.0);   |       |             |
| ( 388708.4, | 3815190.8, | 877.7,  | 1989.7, | 0.0); | ( 388719.6, |
| 3815169.4,  | 879.1,     | 1989.7, | 0.0);   |       |             |
| ( 388730.7, | 3815147.9, | 880.8,  | 1989.7, | 0.0); | ( 388741.8, |
| 3815126.4,  | 882.0,     | 1989.7, | 0.0);   |       |             |
| ( 388753.0, | 3815105.0, | 882.5,  | 1989.7, | 0.0); | ( 388764.1, |
| 3815083.5,  | 883.7,     | 1989.7, | 0.0);   |       |             |
| ( 388775.2, | 3815062.1, | 885.8,  | 1989.7, | 0.0); | ( 388786.4, |
| 3815040.6,  | 887.5,     | 1989.7, | 0.0);   |       |             |
| ( 388797.5, | 3815019.1, | 888.4,  | 1989.7, | 0.0); | ( 388808.6, |
| 3814997.7,  | 888.9,     | 1989.7, | 0.0);   |       |             |
| ( 388819.8, | 3814976.2, | 888.3,  | 1989.7, | 0.0); | ( 388830.9, |
| 3814954.8,  | 885.0,     | 1989.7, | 0.0);   |       |             |
| ( 388842.0, | 3814933.3, | 882.7,  | 1989.7, | 0.0); | ( 388853.1, |
| 3814911.8,  | 882.1,     | 1989.7, | 0.0);   |       |             |
| ( 388864.3, | 3814890.4, | 884.3,  | 1989.7, | 0.0); | ( 388875.4, |
| 3814868.9,  | 888.9,     | 1989.7, | 0.0);   |       |             |
| ( 388886.5, | 3814847.4, | 896.2,  | 1989.7, | 0.0); | ( 388897.7, |

3814826.0, 903.6, 1989.7, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 234

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 388908.8, 3814804.5, 909.9, 1989.7, 0.0); | ( 388920.0, |
| 3814783.1, 914.0, 1989.7, 0.0);             |             |
| ( 388931.1, 3814761.6, 916.9, 1989.7, 0.0); | ( 388942.2, |
| 3814740.1, 918.9, 1989.7, 0.0);             |             |
| ( 388953.3, 3814718.7, 922.2, 1989.7, 0.0); | ( 388964.5, |
| 3814697.2, 927.9, 1989.7, 0.0);             |             |
| ( 388975.6, 3814675.8, 935.0, 1989.7, 0.0); | ( 388986.8, |
| 3814654.3, 940.6, 1989.7, 0.0);             |             |
| ( 388997.9, 3814632.8, 941.3, 1989.7, 0.0); | ( 389009.0, |
| 3814611.4, 937.0, 1989.7, 0.0);             |             |
| ( 389020.1, 3814589.9, 927.7, 1989.7, 0.0); | ( 389031.3, |
| 3814568.4, 918.3, 1989.7, 0.0);             |             |
| ( 389042.4, 3814547.0, 909.4, 1989.7, 0.0); | ( 389053.5, |
| 3814525.5, 901.6, 1989.7, 0.0);             |             |
| ( 389064.7, 3814504.1, 895.9, 1989.7, 0.0); | ( 389075.8, |
| 3814482.6, 892.0, 1989.7, 0.0);             |             |
| ( 389087.0, 3814461.1, 889.8, 1989.7, 0.0); | ( 389098.1, |
| 3814439.7, 889.6, 1989.7, 0.0);             |             |
| ( 389109.2, 3814418.2, 890.6, 1989.7, 0.0); | ( 389120.3, |
| 3814396.8, 891.3, 1989.7, 0.0);             |             |
| ( 389131.5, 3814375.3, 890.1, 1989.7, 0.0); | ( 389142.6, |
| 3814353.8, 888.3, 1989.7, 0.0);             |             |
| ( 389153.8, 3814332.4, 886.6, 1989.7, 0.0); | ( 389164.9, |
| 3814310.9, 886.3, 1989.7, 0.0);             |             |
| ( 389176.0, 3814289.4, 886.3, 1989.7, 0.0); | ( 389187.1, |
| 3814268.0, 886.6, 1989.7, 0.0);             |             |
| ( 389198.3, 3814246.5, 889.9, 1989.7, 0.0); | ( 389209.4, |
| 3814225.1, 898.1, 1989.7, 0.0);             |             |
| ( 389220.5, 3814203.6, 907.8, 1989.7, 0.0); | ( 389231.7, |
| 3814182.1, 910.9, 1989.7, 0.0);             |             |
| ( 389242.8, 3814160.7, 914.2, 1989.7, 0.0); | ( 389254.0, |
| 3814139.2, 917.6, 1989.7, 0.0);             |             |
| ( 389265.1, 3814117.8, 916.1, 1989.7, 0.0); | ( 389276.2, |
| 3814096.3, 910.6, 1989.7, 0.0);             |             |
| ( 389287.3, 3814074.8, 904.2, 1989.7, 0.0); | ( 389298.5, |
| 3814053.4, 899.9, 1989.7, 0.0);             |             |
| ( 389309.6, 3814031.9, 900.1, 1989.7, 0.0); | ( 389320.8, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814010.4,  | 902.0,     | 1989.7, | 0.0);   |       |             |
| ( 389331.9, | 3813989.0, | 904.6,  | 1989.7, | 0.0); | ( 389343.0, |
| 3813967.5,  | 908.1,     | 1989.7, | 0.0);   |       |             |
| ( 389354.1, | 3813946.1, | 910.9,  | 1989.7, | 0.0); | ( 389365.3, |
| 3813924.6,  | 913.4,     | 1989.7, | 0.0);   |       |             |
| ( 389376.4, | 3813903.1, | 914.5,  | 1989.7, | 0.0); | ( 389387.5, |
| 3813881.7,  | 912.8,     | 1989.7, | 0.0);   |       |             |
| ( 389398.7, | 3813860.2, | 911.0,  | 1989.7, | 0.0); | ( 389409.8, |
| 3813838.8,  | 911.8,     | 1989.7, | 0.0);   |       |             |
| ( 389421.0, | 3813817.3, | 915.1,  | 1989.7, | 0.0); | ( 389432.1, |
| 3813795.8,  | 918.0,     | 1989.7, | 0.0);   |       |             |
| ( 389443.2, | 3813774.4, | 915.1,  | 1989.7, | 0.0); | ( 389454.3, |
| 3813752.9,  | 909.1,     | 1989.7, | 0.0);   |       |             |
| ( 389465.5, | 3813731.4, | 904.0,  | 1989.7, | 0.0); | ( 389476.6, |
| 3813710.0,  | 900.7,     | 1989.7, | 0.0);   |       |             |
| ( 389487.8, | 3813688.5, | 902.9,  | 1989.7, | 0.0); | ( 389498.9, |
| 3813667.1,  | 909.9,     | 1989.7, | 0.0);   |       |             |
| ( 389510.0, | 3813645.6, | 917.9,  | 1989.7, | 0.0); | ( 389521.1, |
| 3813624.1,  | 922.4,     | 1989.7, | 0.0);   |       |             |
| ( 389532.3, | 3813602.7, | 926.3,  | 1989.7, | 0.0); | ( 389543.4, |
| 3813581.2,  | 931.1,     | 1989.7, | 0.0);   |       |             |
| ( 389554.5, | 3813559.8, | 931.5,  | 1989.7, | 0.0); | ( 389565.7, |
| 3813538.3,  | 926.1,     | 1989.7, | 0.0);   |       |             |
| ( 389576.8, | 3813516.8, | 919.0,  | 1989.7, | 0.0); | ( 389588.0, |
| 3813495.4,  | 912.8,     | 1989.7, | 0.0);   |       |             |
| ( 389599.1, | 3813473.9, | 904.4,  | 1989.7, | 0.0); | ( 389610.2, |
| 3813452.4,  | 895.4,     | 1989.7, | 0.0);   |       |             |
| ( 389621.3, | 3813431.0, | 885.4,  | 1989.7, | 0.0); | ( 389632.5, |
| 3813409.5,  | 873.8,     | 1989.7, | 0.0);   |       |             |
| ( 389643.6, | 3813388.0, | 863.9,  | 1989.7, | 0.0); | ( 389654.8, |
| 3813366.6,  | 855.7,     | 1989.7, | 0.0);   |       |             |
| ( 389665.9, | 3813345.1, | 849.0,  | 1989.7, | 0.0); | ( 389677.0, |
| 3813323.7,  | 843.1,     | 1989.7, | 0.0);   |       |             |
| ( 389688.1, | 3813302.2, | 837.8,  | 1989.7, | 0.0); | ( 389699.3, |
| 3813280.8,  | 832.5,     | 1989.7, | 0.0);   |       |             |
| ( 389710.4, | 3813259.3, | 828.0,  | 1989.7, | 0.0); | ( 389721.5, |
| 3813237.8,  | 823.2,     | 1989.7, | 0.0);   |       |             |
| ( 389732.7, | 3813216.4, | 818.6,  | 1989.7, | 0.0); | ( 389743.8, |
| 3813194.9,  | 812.1,     | 1989.7, | 0.0);   |       |             |
| ( 389755.0, | 3813173.4, | 806.9,  | 1989.7, | 0.0); | ( 389766.1, |
| 3813152.0,  | 804.0,     | 1989.7, | 0.0);   |       |             |
| ( 389777.2, | 3813130.5, | 803.2,  | 1989.7, | 0.0); | ( 389788.3, |
| 3813109.0,  | 802.8,     | 1989.7, | 0.0);   |       |             |
| ( 389799.5, | 3813087.6, | 802.4,  | 1989.7, | 0.0); | ( 389810.6, |
| 3813066.1,  | 802.1,     | 1989.7, | 0.0);   |       |             |
| ( 389821.8, | 3813044.7, | 802.2,  | 1989.7, | 0.0); | ( 389832.9, |
| 3813023.2,  | 802.1,     | 1989.7, | 0.0);   |       |             |
| ( 389844.0, | 3813001.8, | 801.7,  | 1989.7, | 0.0); | ( 389855.1, |
| 3812980.3,  | 801.3,     | 1989.7, | 0.0);   |       |             |
| ( 389866.3, | 3812958.8, | 801.1,  | 1989.7, | 0.0); | ( 389877.4, |

3812937.4, 801.2, 1989.7, 0.0);  
 ( 389888.5, 3812915.9, 801.3, 1989.7, 0.0); ( 389899.7,  
 3812894.4, 801.3, 1989.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 235

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 389910.8, 3812873.0, 801.3, 1989.7, 0.0); ( 389922.0,  
 3812851.5, 801.2, 1989.7, 0.0);  
 ( 389933.1, 3812830.0, 801.1, 1989.7, 0.0); ( 389944.2,  
 3812808.6, 800.9, 1989.7, 0.0);  
 ( 389955.3, 3812787.1, 800.8, 1989.7, 0.0); ( 389966.5,  
 3812765.7, 800.6, 1989.7, 0.0);  
 ( 389977.6, 3812744.2, 800.3, 1989.7, 0.0); ( 389988.7,  
 3812722.8, 799.8, 1989.7, 0.0);  
 ( 389999.9, 3812701.3, 799.3, 1989.7, 0.0); ( 390011.0,  
 3812679.8, 799.0, 1989.7, 0.0);  
 ( 390022.1, 3812658.4, 799.5, 1989.7, 0.0); ( 390033.3,  
 3812636.9, 801.2, 1989.7, 0.0);  
 ( 390044.4, 3812615.4, 802.2, 1989.7, 0.0); ( 390055.5,  
 3812594.0, 802.3, 1989.7, 0.0);  
 ( 390066.7, 3812572.5, 801.8, 1989.7, 0.0); ( 390077.8,  
 3812551.0, 801.9, 1989.7, 0.0);  
 ( 390088.9, 3812529.6, 802.8, 1989.7, 0.0); ( 390100.1,  
 3812508.1, 805.0, 1989.7, 0.0);  
 ( 390111.2, 3812486.7, 807.6, 1989.7, 0.0); ( 390122.3,  
 3812465.2, 810.7, 1989.7, 0.0);  
 ( 390133.5, 3812443.7, 813.8, 1989.7, 0.0); ( 390144.6,  
 3812422.3, 815.3, 1989.7, 0.0);  
 ( 390155.7, 3812400.8, 816.4, 1989.7, 0.0); ( 390166.9,  
 3812379.4, 816.2, 1989.7, 0.0);  
 ( 390178.0, 3812357.9, 815.3, 1989.7, 0.0); ( 390189.1,  
 3812336.4, 814.2, 1989.7, 0.0);  
 ( 390200.3, 3812315.0, 812.4, 1989.7, 0.0); ( 390211.4,  
 3812293.5, 812.0, 1989.7, 0.0);  
 ( 390222.5, 3812272.0, 813.0, 1989.7, 0.0); ( 390233.7,  
 3812250.6, 814.3, 1989.7, 0.0);  
 ( 390244.8, 3812229.1, 819.4, 1989.7, 0.0); ( 390255.9,  
 3812207.7, 823.8, 1989.7, 0.0);  
 ( 390267.1, 3812186.2, 827.5, 1989.7, 0.0); ( 390278.2,  
 3812164.7, 829.9, 1989.7, 0.0);  
 ( 390289.3, 3812143.3, 831.2, 1989.7, 0.0); ( 390300.5,



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812121.8,  | 832.3,     | 1989.7, | 0.0);   |       |             |
| ( 390311.6, | 3812100.4, | 832.4,  | 1989.7, | 0.0); | ( 390322.7, |
| 3812078.9,  | 830.3,     | 1989.7, | 0.0);   |       |             |
| ( 390333.9, | 3812057.4, | 827.5,  | 1989.7, | 0.0); | ( 390345.0, |
| 3812036.0,  | 824.3,     | 1989.7, | 0.0);   |       |             |
| ( 390356.1, | 3812014.5, | 825.1,  | 1989.7, | 0.0); | ( 390367.3, |
| 3811993.0,  | 826.3,     | 1989.7, | 0.0);   |       |             |
| ( 390378.4, | 3811971.6, | 827.2,  | 1989.7, | 0.0); | ( 390389.5, |
| 3811950.1,  | 825.8,     | 1989.7, | 0.0);   |       |             |
| ( 390400.7, | 3811928.7, | 826.0,  | 1989.7, | 0.0); | ( 390411.8, |
| 3811907.2,  | 828.1,     | 1989.7, | 0.0);   |       |             |
| ( 390422.9, | 3811885.7, | 832.0,  | 1989.7, | 0.0); | ( 390434.1, |
| 3811864.3,  | 834.5,     | 1989.7, | 0.0);   |       |             |
| ( 390445.2, | 3811842.8, | 838.6,  | 1989.7, | 0.0); | ( 390456.3, |
| 3811821.4,  | 844.2,     | 1989.7, | 0.0);   |       |             |
| ( 390467.5, | 3811799.9, | 847.6,  | 1989.7, | 0.0); | ( 390478.6, |
| 3811778.4,  | 848.6,     | 1989.7, | 0.0);   |       |             |
| ( 390489.7, | 3811757.0, | 845.2,  | 1989.7, | 0.0); | ( 390500.9, |
| 3811735.5,  | 842.0,     | 1989.7, | 0.0);   |       |             |
| ( 390512.0, | 3811714.0, | 842.7,  | 1989.7, | 0.0); | ( 390523.1, |
| 3811692.6,  | 846.5,     | 1989.7, | 0.0);   |       |             |
| ( 390534.3, | 3811671.1, | 850.2,  | 1989.7, | 0.0); | ( 390545.4, |
| 3811649.7,  | 850.6,     | 1989.7, | 0.0);   |       |             |
| ( 390556.5, | 3811628.2, | 850.9,  | 1989.7, | 0.0); | ( 390567.7, |
| 3811606.7,  | 854.3,     | 1989.7, | 0.0);   |       |             |
| ( 390578.8, | 3811585.3, | 855.8,  | 1989.7, | 0.0); | ( 390589.9, |
| 3811563.8,  | 858.1,     | 1989.7, | 0.0);   |       |             |
| ( 390601.1, | 3811542.4, | 863.1,  | 1989.7, | 0.0); | ( 390612.2, |
| 3811520.9,  | 863.5,     | 1989.7, | 0.0);   |       |             |
| ( 390623.3, | 3811499.4, | 859.8,  | 1989.7, | 0.0); | ( 390634.5, |
| 3811478.0,  | 853.0,     | 1989.7, | 0.0);   |       |             |
| ( 390645.6, | 3811456.5, | 849.5,  | 1989.7, | 0.0); | ( 390656.7, |
| 3811435.0,  | 848.7,     | 1989.7, | 0.0);   |       |             |
| ( 390667.9, | 3811413.6, | 846.8,  | 1989.7, | 0.0); | ( 390679.0, |
| 3811392.1,  | 847.6,     | 1989.7, | 0.0);   |       |             |
| ( 390690.1, | 3811370.7, | 847.2,  | 1989.7, | 0.0); | ( 390701.3, |
| 3811349.2,  | 846.4,     | 1989.7, | 0.0);   |       |             |
| ( 390712.4, | 3811327.7, | 844.7,  | 1989.7, | 0.0); | ( 390723.5, |
| 3811306.3,  | 841.4,     | 1989.7, | 0.0);   |       |             |
| ( 390734.7, | 3811284.8, | 839.7,  | 1989.7, | 0.0); | ( 390745.8, |
| 3811263.4,  | 841.1,     | 1989.7, | 0.0);   |       |             |
| ( 390756.9, | 3811241.9, | 842.8,  | 1989.7, | 0.0); | ( 390768.1, |
| 3811220.4,  | 844.5,     | 1989.7, | 0.0);   |       |             |
| ( 390779.2, | 3811199.0, | 845.8,  | 1989.7, | 0.0); | ( 390790.3, |
| 3811177.5,  | 849.0,     | 1989.7, | 0.0);   |       |             |
| ( 390801.5, | 3811156.0, | 851.9,  | 1989.7, | 0.0); | ( 390812.6, |
| 3811134.6,  | 854.2,     | 1989.7, | 0.0);   |       |             |
| ( 390823.7, | 3811113.1, | 854.2,  | 1989.7, | 0.0); | ( 390834.9, |
| 3811091.7,  | 856.6,     | 1989.7, | 0.0);   |       |             |
| ( 390846.0, | 3811070.2, | 861.4,  | 1989.7, | 0.0); | ( 390857.1, |

```

3811048.7, 864.3, 1989.7, 0.0);
(390868.3, 3811027.3, 867.4, 1989.7, 0.0); (390903.0,
3811000.6, 869.0, 1989.7, 0.0);
(390926.6, 3810995.3, 869.4, 1989.7, 0.0); (390950.2,
3810990.1, 871.3, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 236

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390973.8, 3810984.8, 875.0, 1989.7, 0.0); (390997.4,
3810979.6, 879.6, 1989.7, 0.0);
(391021.0, 3810974.3, 884.4, 1989.7, 0.0); (391044.6,
3810969.1, 890.2, 1989.7, 0.0);
(391068.2, 3810963.8, 896.7, 1989.7, 0.0); (391091.8,
3810958.6, 901.4, 1989.7, 0.0);
(391115.4, 3810953.3, 903.0, 1989.7, 0.0); (391139.0,
3810948.1, 905.1, 1989.7, 0.0);
(391162.6, 3810942.8, 904.1, 1989.7, 0.0); (391186.2,
3810937.6, 908.8, 1989.7, 0.0);
(391209.8, 3810932.3, 910.9, 1989.7, 0.0); (391233.4,
3810927.1, 908.7, 1989.7, 0.0);
(391257.0, 3810921.8, 905.5, 1989.7, 0.0); (391280.6,
3810916.6, 903.1, 1989.7, 0.0);
(391304.2, 3810911.3, 904.7, 1989.7, 0.0); (391327.8,
3810906.1, 910.2, 1989.7, 0.0);
(391351.4, 3810900.8, 916.3, 1989.7, 0.0); (391375.0,
3810895.6, 921.2, 1989.7, 0.0);
(391398.6, 3810890.3, 925.7, 1989.7, 0.0); (391422.2,
3810885.1, 927.1, 1989.7, 0.0);
(391445.8, 3810879.8, 924.8, 1989.7, 0.0); (391469.4,
3810874.6, 926.0, 1989.7, 0.0);
(391493.0, 3810869.3, 929.0, 1989.7, 0.0); (391516.6,
3810864.1, 933.8, 1989.7, 0.0);
(391540.2, 3810858.8, 941.2, 1989.7, 0.0); (391563.8,
3810853.6, 949.9, 1989.7, 0.0);
(391587.4, 3810848.3, 954.3, 1989.7, 0.0); (391611.0,
3810843.1, 955.9, 1989.7, 0.0);
(391634.6, 3810837.8, 959.9, 1989.7, 0.0); (391658.2,
3810832.6, 964.3, 1989.7, 0.0);
(391681.8, 3810827.3, 965.0, 1989.7, 0.0); (391705.4,
3810822.1, 962.2, 1989.7, 0.0);
(391729.0, 3810816.8, 958.4, 1989.7, 0.0); (391752.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3810811.6,  | 955.5,     | 1989.7, | 0.0);   |       |             |
| ( 391776.2, | 3810806.3, | 954.4,  | 1989.7, | 0.0); | ( 391799.8, |
| 3810801.1,  | 954.8,     | 1989.7, | 0.0);   |       |             |
| ( 391823.4, | 3810795.8, | 955.5,  | 1989.7, | 0.0); | ( 391847.0, |
| 3810790.6,  | 951.7,     | 1989.7, | 0.0);   |       |             |
| ( 391870.6, | 3810785.3, | 947.4,  | 1989.7, | 0.0); | ( 391894.2, |
| 3810780.1,  | 947.1,     | 1989.7, | 0.0);   |       |             |
| ( 391917.8, | 3810774.8, | 948.1,  | 1989.7, | 0.0); | ( 391941.4, |
| 3810769.6,  | 948.4,     | 1989.7, | 0.0);   |       |             |
| ( 391965.0, | 3810764.3, | 948.8,  | 1989.7, | 0.0); | ( 391988.6, |
| 3810759.1,  | 949.1,     | 1989.7, | 0.0);   |       |             |
| ( 392012.2, | 3810753.8, | 947.8,  | 1989.7, | 0.0); | ( 392035.8, |
| 3810748.6,  | 945.4,     | 1989.7, | 0.0);   |       |             |
| ( 392059.4, | 3810743.3, | 943.7,  | 1989.7, | 0.0); | ( 392083.0, |
| 3810738.1,  | 939.1,     | 1989.7, | 0.0);   |       |             |
| ( 392106.6, | 3810732.8, | 935.6,  | 1989.7, | 0.0); | ( 392130.2, |
| 3810727.6,  | 941.4,     | 1989.7, | 0.0);   |       |             |
| ( 392153.8, | 3810722.3, | 940.9,  | 1989.7, | 0.0); | ( 392177.4, |
| 3810717.1,  | 940.0,     | 1989.7, | 0.0);   |       |             |
| ( 392201.0, | 3810711.8, | 941.7,  | 1989.7, | 0.0); | ( 392224.6, |
| 3810706.6,  | 945.0,     | 1989.7, | 0.0);   |       |             |
| ( 392248.2, | 3810701.3, | 946.7,  | 1989.7, | 0.0); | ( 392271.8, |
| 3810696.1,  | 944.8,     | 1989.7, | 0.0);   |       |             |
| ( 392295.4, | 3810690.9, | 943.1,  | 1989.7, | 0.0); | ( 392319.0, |
| 3810685.6,  | 944.9,     | 1989.7, | 0.0);   |       |             |
| ( 392342.6, | 3810680.4, | 947.9,  | 1989.7, | 0.0); | ( 392366.2, |
| 3810675.1,  | 949.6,     | 1989.7, | 0.0);   |       |             |
| ( 392389.8, | 3810669.9, | 950.8,  | 1989.7, | 0.0); | ( 392413.5, |
| 3810664.6,  | 950.0,     | 1989.7, | 0.0);   |       |             |
| ( 392437.0, | 3810659.4, | 949.3,  | 1989.7, | 0.0); | ( 392460.6, |
| 3810654.1,  | 950.4,     | 1989.7, | 0.0);   |       |             |
| ( 392484.2, | 3810648.9, | 955.0,  | 1989.7, | 0.0); | ( 392507.8, |
| 3810643.6,  | 960.4,     | 1989.7, | 0.0);   |       |             |
| ( 392531.5, | 3810638.4, | 963.8,  | 1989.7, | 0.0); | ( 392555.0, |
| 3810633.1,  | 964.9,     | 1989.7, | 0.0);   |       |             |
| ( 392578.6, | 3810627.9, | 967.1,  | 1989.7, | 0.0); | ( 392602.2, |
| 3810622.6,  | 968.4,     | 1989.7, | 0.0);   |       |             |
| ( 392625.8, | 3810617.4, | 969.5,  | 1989.7, | 0.0); | ( 392649.5, |
| 3810612.1,  | 971.8,     | 1989.7, | 0.0);   |       |             |
| ( 392673.1, | 3810606.9, | 973.6,  | 1989.7, | 0.0); | ( 392696.7, |
| 3810601.6,  | 974.6,     | 1989.7, | 0.0);   |       |             |
| ( 392720.3, | 3810596.4, | 974.5,  | 1989.7, | 0.0); | ( 392743.9, |
| 3810591.1,  | 973.2,     | 1989.7, | 0.0);   |       |             |
| ( 392767.5, | 3810585.9, | 975.8,  | 1989.7, | 0.0); | ( 392791.1, |
| 3810580.6,  | 979.8,     | 1989.7, | 0.0);   |       |             |
| ( 392814.7, | 3810575.4, | 979.3,  | 1989.7, | 0.0); | ( 392838.3, |
| 3810570.1,  | 976.4,     | 1989.7, | 0.0);   |       |             |
| ( 392861.9, | 3810564.9, | 977.0,  | 1989.7, | 0.0); | ( 392885.5, |
| 3810559.6,  | 981.1,     | 1989.7, | 0.0);   |       |             |
| ( 392909.1, | 3810554.4, | 982.0,  | 1989.7, | 0.0); | ( 392932.7, |

```

3810549.1, 980.4, 1989.7, 0.0);
(392956.3, 3810543.9, 980.5, 1989.7, 0.0); (392979.9,
3810538.6, 982.5, 1989.7, 0.0);
(393003.5, 3810533.4, 984.8, 1989.7, 0.0); (393027.1,
3810528.1, 987.0, 1989.7, 0.0);
(393050.7, 3810522.9, 989.4, 1989.7, 0.0); (393074.3,
3810517.6, 990.9, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 237

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393097.9, 3810512.4, 992.7, 1989.7, 0.0); (393121.5,
3810507.1, 994.0, 1989.7, 0.0);
(393145.1, 3810501.9, 994.6, 1989.7, 0.0); (393168.7,
3810496.6, 994.1, 1989.7, 0.0);
(393192.3, 3810491.4, 994.5, 1989.7, 0.0); (393215.9,
3810486.1, 995.9, 1989.7, 0.0);
(393239.5, 3810480.9, 997.8, 1989.7, 0.0); (393263.1,
3810475.6, 1000.4, 1989.7, 0.0);
(393286.7, 3810470.4, 1003.8, 1989.7, 0.0); (393310.3,
3810465.1, 1007.2, 1989.7, 0.0);
(393333.9, 3810459.9, 1010.8, 1989.7, 0.0); (393357.5,
3810454.6, 1014.7, 1989.7, 0.0);
(393381.1, 3810449.4, 1019.2, 1989.7, 0.0); (393404.7,
3810444.1, 1024.7, 1989.7, 0.0);
(393428.3, 3810438.9, 1028.9, 1989.7, 0.0); (393451.9,
3810433.6, 1032.8, 1989.7, 0.0);
(393475.5, 3810428.4, 1038.5, 1989.7, 0.0); (393499.1,
3810423.1, 1042.6, 1989.7, 0.0);
(393522.7, 3810417.9, 1042.4, 1989.7, 0.0); (393546.3,
3810412.6, 1037.6, 1989.7, 0.0);
(393569.9, 3810407.4, 1033.1, 1989.7, 0.0); (393593.5,
3810402.1, 1033.4, 1989.7, 0.0);
(393617.1, 3810396.9, 1035.6, 1989.7, 0.0); (393640.7,
3810391.6, 1034.6, 1989.7, 0.0);
(393664.3, 3810386.4, 1031.7, 1989.7, 0.0); (393687.9,
3810381.1, 1029.6, 1989.7, 0.0);
(393711.5, 3810375.9, 1027.7, 1989.7, 0.0); (393735.1,
3810370.6, 1025.6, 1989.7, 0.0);
(393758.7, 3810365.4, 1024.2, 1989.7, 0.0); (393782.3,
3810360.1, 1023.4, 1989.7, 0.0);
(393805.9, 3810354.9, 1022.9, 1989.7, 0.0); (393829.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3810349.6,  | 1022.3,    | 1989.7, | 0.0);   |       |             |
| ( 393853.1, | 3810344.4, | 1022.0, | 1989.7, | 0.0); | ( 393876.7, |
| 3810339.1,  | 1021.7,    | 1989.7, | 0.0);   |       |             |
| ( 393900.3, | 3810333.9, | 1021.2, | 1989.7, | 0.0); | ( 393923.9, |
| 3810328.6,  | 1020.3,    | 1989.7, | 0.0);   |       |             |
| ( 393947.5, | 3810323.4, | 1019.3, | 1989.7, | 0.0); | ( 393971.1, |
| 3810318.1,  | 1019.1,    | 2003.3, | 0.0);   |       |             |
| ( 393994.7, | 3810312.9, | 1019.6, | 2003.4, | 0.0); | ( 394018.3, |
| 3810307.6,  | 1020.1,    | 2060.8, | 0.0);   |       |             |
| ( 394041.9, | 3810302.4, | 1020.2, | 2060.8, | 0.0); | ( 394065.5, |
| 3810297.1,  | 1021.7,    | 2060.8, | 0.0);   |       |             |
| ( 394089.1, | 3810291.9, | 1023.4, | 2060.8, | 0.0); | ( 394112.7, |
| 3810286.6,  | 1024.4,    | 2060.8, | 0.0);   |       |             |
| ( 394136.3, | 3810281.4, | 1024.7, | 2084.1, | 0.0); | ( 394159.9, |
| 3810276.2,  | 1024.7,    | 2084.1, | 0.0);   |       |             |
| ( 394183.5, | 3810270.9, | 1024.4, | 2084.1, | 0.0); | ( 394207.1, |
| 3810265.7,  | 1024.0,    | 2084.1, | 0.0);   |       |             |
| ( 394230.7, | 3810260.4, | 1023.5, | 2084.1, | 0.0); | ( 394254.3, |
| 3810255.2,  | 1023.2,    | 2084.1, | 0.0);   |       |             |
| ( 394277.9, | 3810249.9, | 1021.0, | 2084.1, | 0.0); | ( 394301.5, |
| 3810244.7,  | 1016.2,    | 2084.1, | 0.0);   |       |             |
| ( 394325.1, | 3810239.4, | 1014.1, | 2084.1, | 0.0); | ( 394348.7, |
| 3810234.2,  | 1015.5,    | 2084.1, | 0.0);   |       |             |
| ( 394372.3, | 3810228.9, | 1023.0, | 2084.1, | 0.0); | ( 394395.9, |
| 3810223.7,  | 1025.0,    | 2084.1, | 0.0);   |       |             |
| ( 394419.5, | 3810218.4, | 1025.0, | 2084.1, | 0.0); | ( 394443.1, |
| 3810213.2,  | 1026.1,    | 2084.1, | 0.0);   |       |             |
| ( 394466.7, | 3810207.9, | 1027.2, | 2084.1, | 0.0); | ( 394490.3, |
| 3810202.7,  | 1028.4,    | 2084.1, | 0.0);   |       |             |
| ( 394513.9, | 3810197.4, | 1029.6, | 2084.1, | 0.0); | ( 394537.5, |
| 3810192.2,  | 1031.0,    | 2084.1, | 0.0);   |       |             |
| ( 394561.1, | 3810186.9, | 1032.2, | 2084.1, | 0.0); | ( 394584.7, |
| 3810181.7,  | 1033.2,    | 2084.1, | 0.0);   |       |             |
| ( 394608.3, | 3810176.4, | 1034.1, | 2084.1, | 0.0); | ( 394631.9, |
| 3810171.2,  | 1034.9,    | 2084.1, | 0.0);   |       |             |
| ( 394655.5, | 3810165.9, | 1035.8, | 2084.1, | 0.0); | ( 394679.1, |
| 3810160.7,  | 1036.3,    | 2084.1, | 0.0);   |       |             |
| ( 394702.7, | 3810155.4, | 1036.9, | 2084.1, | 0.0); | ( 394726.3, |
| 3810150.2,  | 1037.5,    | 2084.1, | 0.0);   |       |             |
| ( 394749.9, | 3810144.9, | 1038.0, | 2084.9, | 0.0); | ( 394773.5, |
| 3810139.7,  | 1038.6,    | 2084.9, | 0.0);   |       |             |
| ( 394797.1, | 3810134.4, | 1040.8, | 2084.9, | 0.0); | ( 394820.7, |
| 3810129.2,  | 1043.6,    | 2084.9, | 0.0);   |       |             |
| ( 394844.3, | 3810123.9, | 1046.6, | 2084.9, | 0.0); | ( 394867.9, |
| 3810118.7,  | 1049.3,    | 2084.9, | 0.0);   |       |             |
| ( 394891.5, | 3810113.4, | 1052.3, | 2084.9, | 0.0); | ( 394915.1, |
| 3810108.2,  | 1055.7,    | 2084.1, | 0.0);   |       |             |
| ( 394938.7, | 3810102.9, | 1058.5, | 2084.1, | 0.0); | ( 394962.3, |
| 3810097.7,  | 1058.5,    | 2084.9, | 0.0);   |       |             |
| ( 394985.9, | 3810092.4, | 1055.9, | 2084.9, | 0.0); | ( 395009.5, |

```

3810087.2, 1053.6, 2167.9, 0.0);
(395033.1, 3810081.9, 1052.0, 2167.9, 0.0); (395056.7,
3810076.7, 1052.3, 2167.9, 0.0);
(395080.3, 3810071.4, 1053.9, 2167.9, 0.0); (395103.9,
3810066.2, 1056.9, 2167.9, 0.0);
(395127.5, 3810060.9, 1060.2, 2167.9, 0.0); (395151.1,
3810055.7, 1063.3, 2167.9, 0.0);
(395174.7, 3810050.4, 1066.0, 2167.9, 0.0); (395198.3,
3810045.2, 1068.1, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 238

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395221.9, 3810039.9, 1070.3, 2167.9, 0.0); (395245.5,
3810034.7, 1073.3, 2167.9, 0.0);
(395269.1, 3810029.4, 1075.1, 2167.9, 0.0); (395292.7,
3810024.2, 1076.1, 2167.9, 0.0);
(395316.3, 3810018.9, 1078.8, 2167.9, 0.0); (395339.9,
3810013.7, 1082.8, 2167.9, 0.0);
(395363.5, 3810008.4, 1091.8, 2167.1, 0.0); (395387.1,
3810003.2, 1102.1, 2084.1, 0.0);
(395410.7, 3809997.9, 1110.6, 2084.1, 0.0); (395434.3,
3809992.7, 1117.0, 2084.1, 0.0);
(395457.9, 3809987.4, 1123.2, 2084.1, 0.0); (395481.5,
3809982.2, 1126.9, 2084.1, 0.0);
(395505.1, 3809976.9, 1124.4, 2084.1, 0.0); (395528.7,
3809971.7, 1118.1, 2084.1, 0.0);
(395552.3, 3809966.4, 1115.4, 2084.9, 0.0); (395575.9,
3809961.2, 1117.1, 2084.9, 0.0);
(395599.5, 3809955.9, 1119.0, 2084.9, 0.0); (395623.1,
3809950.7, 1119.9, 2084.9, 0.0);
(395646.7, 3809945.4, 1121.4, 2084.9, 0.0); (395670.3,
3809940.2, 1122.9, 2166.5, 0.0);
(395693.9, 3809934.9, 1124.9, 2166.5, 0.0); (395717.5,
3809929.7, 1126.6, 2167.1, 0.0);
(395741.1, 3809924.4, 1128.1, 2167.1, 0.0); (395764.8,
3809919.2, 1130.9, 2167.1, 0.0);
(395788.3, 3809913.9, 1134.9, 2084.9, 0.0); (395812.0,
3809908.7, 1137.1, 2084.9, 0.0);
(395835.5, 3809903.4, 1133.7, 2167.9, 0.0); (395859.1,
3809898.2, 1127.7, 2167.9, 0.0);
(395882.8, 3809892.9, 1124.6, 2167.9, 0.0); (395906.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809887.7,  | 1125.1,    | 2167.9, | 0.0);   |       |             |
| ( 395930.0, | 3809882.4, | 1127.2, | 2167.9, | 0.0); | ( 395953.5, |
| 3809877.2,  | 1128.2,    | 2167.9, | 0.0);   |       |             |
| ( 395977.1, | 3809871.9, | 1129.8, | 2167.9, | 0.0); | ( 396000.8, |
| 3809866.7,  | 1131.2,    | 2167.9, | 0.0);   |       |             |
| ( 396024.3, | 3809861.4, | 1131.9, | 2167.9, | 0.0); | ( 396048.0, |
| 3809856.2,  | 1131.1,    | 2167.9, | 0.0);   |       |             |
| ( 396071.6, | 3809851.0, | 1128.5, | 2167.9, | 0.0); | ( 396095.2, |
| 3809845.7,  | 1125.3,    | 2167.9, | 0.0);   |       |             |
| ( 396118.8, | 3809840.5, | 1121.5, | 2167.9, | 0.0); | ( 396142.4, |
| 3809835.2,  | 1116.9,    | 2167.9, | 0.0);   |       |             |
| ( 396166.0, | 3809830.0, | 1111.2, | 2167.9, | 0.0); | ( 396189.6, |
| 3809824.7,  | 1106.0,    | 2167.9, | 0.0);   |       |             |
| ( 388341.0, | 3815899.1, | 916.2,  | 1255.1, | 0.0); | ( 388340.0, |
| 3815923.3,  | 914.3,     | 1255.1, | 0.0);   |       |             |
| ( 388339.0, | 3815947.5, | 908.6,  | 1255.1, | 0.0); | ( 388338.0, |
| 3815971.7,  | 901.7,     | 1255.1, | 0.0);   |       |             |
| ( 388337.0, | 3815995.9, | 896.4,  | 1255.1, | 0.0); | ( 388336.0, |
| 3816020.1,  | 892.1,     | 1255.1, | 0.0);   |       |             |
| ( 388335.0, | 3816044.3, | 888.5,  | 1255.1, | 0.0); | ( 387020.0, |
| 3815821.9,  | 969.2,     | 1255.1, | 0.0);   |       |             |
| ( 387031.1, | 3815800.4, | 970.0,  | 1255.1, | 0.0); | ( 387042.2, |
| 3815779.0,  | 971.5,     | 1255.1, | 0.0);   |       |             |
| ( 387053.3, | 3815757.6, | 973.8,  | 1255.1, | 0.0); | ( 387064.5, |
| 3815736.1,  | 977.4,     | 1255.1, | 0.0);   |       |             |
| ( 387075.6, | 3815714.7, | 981.6,  | 1255.1, | 0.0); | ( 387086.7, |
| 3815693.2,  | 986.2,     | 1255.1, | 0.0);   |       |             |
| ( 387097.8, | 3815671.8, | 992.1,  | 1255.1, | 0.0); | ( 387108.9, |
| 3815650.4,  | 997.5,     | 1255.1, | 0.0);   |       |             |
| ( 387120.0, | 3815628.9, | 1001.9, | 1255.1, | 0.0); | ( 387131.2, |
| 3815607.5,  | 1004.2,    | 1255.1, | 0.0);   |       |             |
| ( 387142.3, | 3815586.1, | 1006.1, | 1255.1, | 0.0); | ( 387153.4, |
| 3815564.6,  | 1007.2,    | 1255.1, | 0.0);   |       |             |
| ( 387164.5, | 3815543.2, | 1005.4, | 1255.1, | 0.0); | ( 387175.6, |
| 3815521.8,  | 1005.9,    | 1255.1, | 0.0);   |       |             |
| ( 387186.8, | 3815500.3, | 1013.4, | 1255.1, | 0.0); | ( 387197.9, |
| 3815478.9,  | 1024.8,    | 1255.1, | 0.0);   |       |             |
| ( 387209.0, | 3815457.5, | 1035.2, | 1255.1, | 0.0); | ( 387220.1, |
| 3815436.0,  | 1046.0,    | 1255.1, | 0.0);   |       |             |
| ( 387231.2, | 3815414.6, | 1055.3, | 1255.1, | 0.0); | ( 387242.4, |
| 3815393.2,  | 1059.2,    | 1255.1, | 0.0);   |       |             |
| ( 387253.5, | 3815371.7, | 1059.0, | 1255.1, | 0.0); | ( 387264.6, |
| 3815350.3,  | 1054.5,    | 1255.1, | 0.0);   |       |             |
| ( 387275.7, | 3815328.9, | 1053.6, | 1255.1, | 0.0); | ( 387286.8, |
| 3815307.4,  | 1053.8,    | 1255.1, | 0.0);   |       |             |
| ( 387298.0, | 3815286.0, | 1050.3, | 1255.1, | 0.0); | ( 387309.1, |
| 3815264.6,  | 1043.3,    | 1255.1, | 0.0);   |       |             |
| ( 387320.2, | 3815243.1, | 1035.7, | 1255.1, | 0.0); | ( 387331.3, |
| 3815221.7,  | 1032.0,    | 1255.1, | 0.0);   |       |             |
| ( 387342.4, | 3815200.3, | 1029.7, | 1255.1, | 0.0); | ( 387353.5, |

```

3815178.8, 1025.3, 1255.1, 0.0);
(387364.7, 3815157.4, 1023.0, 1255.1, 0.0); (387375.8,
3815136.0, 1030.8, 1255.1, 0.0);
(387386.9, 3815114.5, 1041.5, 1255.1, 0.0); (387398.0,
3815093.1, 1051.8, 1255.1, 0.0);
(387409.1, 3815071.7, 1057.3, 1255.1, 0.0); (387420.3,
3815050.2, 1054.4, 1255.1, 0.0);
(387431.4, 3815028.8, 1049.6, 1255.1, 0.0); (387442.5,
3815007.4, 1044.1, 1255.1, 0.0);
(387453.6, 3814985.9, 1038.3, 1255.1, 0.0); (387464.7,
3814964.5, 1031.3, 1255.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 239

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(387475.9, 3814943.0, 1023.4, 1255.1, 0.0); (387487.0,
3814921.6, 1015.9, 1255.1, 0.0);
(387498.1, 3814900.2, 1008.7, 1255.1, 0.0); (387509.2,
3814878.8, 1006.9, 1255.1, 0.0);
(387520.3, 3814857.3, 1011.8, 1255.1, 0.0); (387531.5,
3814835.9, 1018.6, 1255.1, 0.0);
(387542.6, 3814814.4, 1028.1, 1255.1, 0.0); (387553.7,
3814793.0, 1039.2, 1255.1, 0.0);
(387564.8, 3814771.6, 1048.7, 1255.1, 0.0); (387575.9,
3814750.1, 1056.2, 1255.1, 0.0);
(387587.0, 3814728.7, 1057.1, 1255.1, 0.0); (387598.2,
3814707.3, 1055.5, 1255.1, 0.0);
(387609.3, 3814685.8, 1050.9, 1255.1, 0.0); (387620.4,
3814664.4, 1045.0, 1255.1, 0.0);
(387631.5, 3814643.0, 1048.4, 1255.1, 0.0); (387642.6,
3814621.5, 1056.9, 1255.1, 0.0);
(387653.8, 3814600.1, 1068.4, 1255.1, 0.0); (387664.9,
3814578.7, 1078.5, 1255.1, 0.0);
(387676.0, 3814557.2, 1085.0, 1255.1, 0.0); (387687.1,
3814535.8, 1085.3, 1255.1, 0.0);
(387698.2, 3814514.4, 1081.2, 1255.1, 0.0); (387709.4,
3814492.9, 1081.5, 1255.1, 0.0);
(387720.5, 3814471.5, 1088.2, 1255.1, 0.0); (387731.6,
3814450.1, 1096.3, 1255.1, 0.0);
(387742.7, 3814428.6, 1101.1, 1255.1, 0.0); (387753.8,
3814407.2, 1101.6, 1255.1, 0.0);
(387765.0, 3814385.8, 1098.3, 1255.1, 0.0); (387776.1,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814364.3,  | 1093.9,    | 1255.1, | 0.0);   |       |             |
| ( 387787.2, | 3814342.9, | 1087.2, | 1255.1, | 0.0); | ( 387798.3, |
| 3814321.5,  | 1078.3,    | 1255.1, | 0.0);   |       |             |
| ( 387809.4, | 3814300.0, | 1070.0, | 1255.1, | 0.0); | ( 387820.5, |
| 3814278.6,  | 1066.0,    | 1255.1, | 0.0);   |       |             |
| ( 387831.7, | 3814257.2, | 1069.4, | 1255.1, | 0.0); | ( 387842.8, |
| 3814235.7,  | 1079.4,    | 1255.1, | 0.0);   |       |             |
| ( 387853.9, | 3814214.3, | 1089.1, | 1255.1, | 0.0); | ( 387865.0, |
| 3814192.9,  | 1100.2,    | 1255.1, | 0.0);   |       |             |
| ( 387876.1, | 3814171.4, | 1105.3, | 1255.1, | 0.0); | ( 387887.3, |
| 3814150.0,  | 1110.1,    | 1255.1, | 0.0);   |       |             |
| ( 387898.4, | 3814128.5, | 1114.1, | 1255.1, | 0.0); | ( 387909.5, |
| 3814107.1,  | 1123.1,    | 1255.1, | 0.0);   |       |             |
| ( 387920.6, | 3814085.7, | 1135.4, | 1255.1, | 0.0); | ( 387931.7, |
| 3814064.2,  | 1147.8,    | 1255.1, | 0.0);   |       |             |
| ( 387942.9, | 3814042.8, | 1161.1, | 1255.1, | 0.0); | ( 387954.0, |
| 3814021.4,  | 1173.5,    | 1255.1, | 0.0);   |       |             |
| ( 387965.1, | 3813999.9, | 1185.4, | 1255.1, | 0.0); | ( 387976.2, |
| 3813978.5,  | 1196.5,    | 1255.1, | 0.0);   |       |             |
| ( 387987.3, | 3813957.1, | 1207.4, | 1255.1, | 0.0); | ( 387998.5, |
| 3813935.6,  | 1217.7,    | 1255.1, | 0.0);   |       |             |
| ( 388009.6, | 3813914.2, | 1228.8, | 1255.1, | 0.0); | ( 388020.7, |
| 3813892.8,  | 1238.0,    | 1255.1, | 0.0);   |       |             |
| ( 388031.8, | 3813871.3, | 1246.8, | 1255.1, | 0.0); | ( 388042.9, |
| 3813849.9,  | 1250.7,    | 1255.1, | 0.0);   |       |             |
| ( 388054.0, | 3813828.5, | 1252.8, | 1255.1, | 0.0); | ( 388065.2, |
| 3813807.0,  | 1250.9,    | 1255.1, | 0.0);   |       |             |
| ( 388076.3, | 3813785.6, | 1244.6, | 1255.1, | 0.0); | ( 388087.4, |
| 3813764.2,  | 1236.0,    | 1255.1, | 0.0);   |       |             |
| ( 388098.5, | 3813742.7, | 1226.8, | 1255.1, | 0.0); | ( 388109.6, |
| 3813721.3,  | 1217.6,    | 1255.1, | 0.0);   |       |             |
| ( 388120.8, | 3813699.9, | 1209.1, | 1255.1, | 0.0); | ( 388131.9, |
| 3813678.4,  | 1203.5,    | 1255.1, | 0.0);   |       |             |
| ( 388143.0, | 3813657.0, | 1199.5, | 1255.1, | 0.0); | ( 388154.1, |
| 3813635.6,  | 1197.4,    | 1255.1, | 0.0);   |       |             |
| ( 388165.2, | 3813614.1, | 1192.5, | 1255.1, | 0.0); | ( 388176.4, |
| 3813592.7,  | 1185.5,    | 1255.1, | 0.0);   |       |             |
| ( 388187.5, | 3813571.3, | 1177.7, | 1255.1, | 0.0); | ( 388198.6, |
| 3813549.8,  | 1172.7,    | 1255.1, | 0.0);   |       |             |
| ( 388209.7, | 3813528.4, | 1168.4, | 1255.1, | 0.0); | ( 388220.8, |
| 3813507.0,  | 1164.0,    | 1255.1, | 0.0);   |       |             |
| ( 388232.0, | 3813485.5, | 1156.3, | 1255.1, | 0.0); | ( 388243.1, |
| 3813464.1,  | 1144.7,    | 1255.1, | 0.0);   |       |             |
| ( 388254.2, | 3813442.7, | 1132.2, | 1255.1, | 0.0); | ( 388265.3, |
| 3813421.2,  | 1116.1,    | 1255.1, | 0.0);   |       |             |
| ( 388276.4, | 3813399.8, | 1103.6, | 1937.2, | 0.0); | ( 388287.5, |
| 3813378.4,  | 1089.9,    | 1937.2, | 0.0);   |       |             |
| ( 388298.7, | 3813356.9, | 1074.7, | 1979.6, | 0.0); | ( 388309.8, |
| 3813335.5,  | 1061.8,    | 1980.1, | 0.0);   |       |             |
| ( 388320.9, | 3813314.0, | 1054.0, | 1981.6, | 0.0); | ( 388332.0, |

```

3813292.6, 1048.2, 1989.7, 0.0);
(388343.1, 3813271.2, 1039.5, 1989.7, 0.0); (388354.3,
3813249.8, 1028.2, 1989.7, 0.0);
(388365.4, 3813228.3, 1012.9, 1989.7, 0.0); (388376.5,
3813206.9, 997.3, 1989.7, 0.0);
(388387.6, 3813185.4, 987.1, 1989.7, 0.0); (388398.7,
3813164.0, 982.8, 1989.7, 0.0);
(388409.9, 3813142.6, 979.4, 1989.7, 0.0); (388421.0,
3813121.1, 975.1, 1989.7, 0.0);
(388432.1, 3813099.7, 968.3, 1989.7, 0.0); (388443.2,
3813078.3, 960.8, 1989.7, 0.0);
(388454.3, 3813056.8, 960.5, 1989.7, 0.0); (388465.5,
3813035.4, 962.0, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 240

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(388476.6, 3813014.0, 961.8, 1989.7, 0.0); (388487.7,
3812992.5, 960.7, 1989.7, 0.0);
(388498.8, 3812971.1, 960.5, 1989.7, 0.0); (388509.9,
3812949.7, 962.0, 1989.7, 0.0);
(388521.0, 3812928.2, 965.2, 1989.7, 0.0); (388532.2,
3812906.8, 966.9, 1989.7, 0.0);
(388543.3, 3812885.4, 960.1, 1989.7, 0.0); (388554.4,
3812863.9, 952.0, 1989.7, 0.0);
(388565.5, 3812842.5, 941.9, 1989.7, 0.0); (388576.6,
3812821.1, 930.8, 1989.7, 0.0);
(388587.8, 3812799.6, 921.7, 1989.7, 0.0); (388598.9,
3812778.2, 913.1, 1989.7, 0.0);
(388610.0, 3812756.8, 904.6, 1989.7, 0.0); (388621.1,
3812735.3, 896.3, 1989.7, 0.0);
(388632.2, 3812713.9, 887.0, 1989.7, 0.0); (388643.4,
3812692.5, 876.4, 1989.7, 0.0);
(388654.5, 3812671.0, 865.0, 1989.7, 0.0); (388665.6,
3812649.6, 855.5, 1989.7, 0.0);
(388676.7, 3812628.2, 852.6, 1989.7, 0.0); (388687.8,
3812606.7, 857.2, 1989.7, 0.0);
(388699.0, 3812585.3, 862.3, 1989.7, 0.0); (388710.1,
3812563.8, 857.4, 1989.7, 0.0);
(388721.2, 3812542.4, 841.0, 1989.7, 0.0); (388732.3,
3812521.0, 820.0, 1989.7, 0.0);
(388743.4, 3812499.5, 803.4, 1989.7, 0.0); (388754.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812478.1,  | 791.8,     | 1989.7, | 0.0);   |       |             |
| ( 388765.7, | 3812456.7, | 785.5,  | 1989.7, | 0.0); | ( 388776.8, |
| 3812435.2,  | 784.1,     | 1989.7, | 0.0);   |       |             |
| ( 388787.9, | 3812413.8, | 783.7,  | 1989.7, | 0.0); | ( 388799.0, |
| 3812392.4,  | 784.0,     | 1989.7, | 0.0);   |       |             |
| ( 388810.1, | 3812370.9, | 784.9,  | 1989.7, | 0.0); | ( 388821.3, |
| 3812349.5,  | 784.6,     | 1989.7, | 0.0);   |       |             |
| ( 388832.4, | 3812328.1, | 783.8,  | 1989.7, | 0.0); | ( 388843.5, |
| 3812306.6,  | 783.7,     | 1989.7, | 0.0);   |       |             |
| ( 388854.6, | 3812285.2, | 783.6,  | 1989.7, | 0.0); | ( 388865.7, |
| 3812263.8,  | 783.3,     | 1989.7, | 0.0);   |       |             |
| ( 388876.9, | 3812242.3, | 782.7,  | 1989.7, | 0.0); | ( 388888.0, |
| 3812220.9,  | 780.9,     | 1989.7, | 0.0);   |       |             |
| ( 388899.1, | 3812199.5, | 779.1,  | 1989.7, | 0.0); | ( 388910.2, |
| 3812178.0,  | 778.0,     | 1989.7, | 0.0);   |       |             |
| ( 388921.3, | 3812156.6, | 777.1,  | 1989.7, | 0.0); | ( 388932.5, |
| 3812135.2,  | 776.9,     | 1989.7, | 0.0);   |       |             |
| ( 388943.6, | 3812113.7, | 777.4,  | 1989.7, | 0.0); | ( 388954.7, |
| 3812092.3,  | 779.0,     | 1989.7, | 0.0);   |       |             |
| ( 388965.8, | 3812070.9, | 781.5,  | 1989.7, | 0.0); | ( 388976.9, |
| 3812049.4,  | 784.4,     | 1989.7, | 0.0);   |       |             |
| ( 388988.0, | 3812028.0, | 785.2,  | 1989.7, | 0.0); | ( 388999.2, |
| 3812006.6,  | 786.2,     | 1989.7, | 0.0);   |       |             |
| ( 389010.3, | 3811985.1, | 787.4,  | 1989.7, | 0.0); | ( 389021.4, |
| 3811963.7,  | 789.6,     | 1989.7, | 0.0);   |       |             |
| ( 389032.5, | 3811942.3, | 792.7,  | 1989.7, | 0.0); | ( 389043.6, |
| 3811920.8,  | 795.6,     | 1989.7, | 0.0);   |       |             |
| ( 389054.8, | 3811899.4, | 796.3,  | 1989.7, | 0.0); | ( 389065.9, |
| 3811878.0,  | 794.8,     | 1989.7, | 0.0);   |       |             |
| ( 389077.0, | 3811856.5, | 794.0,  | 1989.7, | 0.0); | ( 389088.1, |
| 3811835.1,  | 794.5,     | 1989.7, | 0.0);   |       |             |
| ( 389099.2, | 3811813.7, | 796.7,  | 1989.7, | 0.0); | ( 389110.4, |
| 3811792.2,  | 799.5,     | 1989.7, | 0.0);   |       |             |
| ( 389121.5, | 3811770.8, | 804.8,  | 1989.7, | 0.0); | ( 389132.6, |
| 3811749.3,  | 809.3,     | 1989.7, | 0.0);   |       |             |
| ( 389143.7, | 3811727.9, | 812.4,  | 1989.7, | 0.0); | ( 389154.8, |
| 3811706.5,  | 814.6,     | 1989.7, | 0.0);   |       |             |
| ( 389166.0, | 3811685.0, | 815.9,  | 1989.7, | 0.0); | ( 389177.1, |
| 3811663.6,  | 816.6,     | 1989.7, | 0.0);   |       |             |
| ( 389188.2, | 3811642.2, | 817.0,  | 1989.7, | 0.0); | ( 389199.3, |
| 3811620.8,  | 816.9,     | 1989.7, | 0.0);   |       |             |
| ( 389210.4, | 3811599.3, | 816.3,  | 1989.7, | 0.0); | ( 389221.5, |
| 3811577.9,  | 816.3,     | 1989.7, | 0.0);   |       |             |
| ( 389232.7, | 3811556.4, | 817.0,  | 1989.7, | 0.0); | ( 389243.8, |
| 3811535.0,  | 818.6,     | 1989.7, | 0.0);   |       |             |
| ( 389254.9, | 3811513.6, | 820.6,  | 1989.7, | 0.0); | ( 389266.0, |
| 3811492.1,  | 822.7,     | 1989.7, | 0.0);   |       |             |
| ( 389277.1, | 3811470.7, | 825.7,  | 1989.7, | 0.0); | ( 389288.3, |
| 3811449.3,  | 828.8,     | 1989.7, | 0.0);   |       |             |
| ( 389299.4, | 3811427.8, | 829.9,  | 1989.7, | 0.0); | ( 389310.5, |

```

3811406.4, 829.0, 1989.7, 0.0);
(389321.6, 3811385.0, 831.0, 1989.7, 0.0); (389332.7,
3811363.5, 833.2, 1989.7, 0.0);
(389343.9, 3811342.1, 837.3, 1989.7, 0.0); (389355.0,
3811320.7, 843.9, 1989.7, 0.0);
(389366.1, 3811299.2, 849.2, 1989.7, 0.0); (389377.2,
3811277.8, 852.0, 1989.7, 0.0);
(389388.3, 3811256.4, 851.4, 1989.7, 0.0); (389399.5,
3811234.9, 851.7, 1989.7, 0.0);
(389410.6, 3811213.5, 851.2, 1989.7, 0.0); (389421.7,
3811192.1, 849.9, 1989.7, 0.0);
(389432.8, 3811170.6, 850.1, 1989.7, 0.0); (389443.9,
3811149.2, 849.0, 1989.7, 0.0);
(389455.0, 3811127.8, 849.3, 1989.7, 0.0); (389466.2,
3811106.3, 848.4, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 241

```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(389477.3, 3811084.9, 846.4, 1989.7, 0.0); (389488.4,
3811063.5, 844.5, 1989.7, 0.0);
(389499.5, 3811042.0, 843.7, 1989.7, 0.0); (389510.6,
3811020.6, 843.0, 1989.7, 0.0);
(389521.8, 3810999.2, 842.7, 1989.7, 0.0); (389532.9,
3810977.7, 843.8, 1989.7, 0.0);
(389544.0, 3810956.3, 846.5, 1989.7, 0.0); (389555.1,
3810934.8, 848.0, 1989.7, 0.0);
(389566.2, 3810913.4, 851.0, 1989.7, 0.0); (389577.4,
3810892.0, 854.0, 1989.7, 0.0);
(389588.5, 3810870.5, 857.4, 1989.7, 0.0); (389599.6,
3810849.1, 861.3, 1989.7, 0.0);
(389610.7, 3810827.7, 864.5, 1989.7, 0.0); (389621.8,
3810806.2, 868.0, 1989.7, 0.0);
(389633.0, 3810784.8, 871.5, 1989.7, 0.0); (389644.1,
3810763.4, 874.2, 1989.7, 0.0);
(389655.2, 3810741.9, 877.0, 1989.7, 0.0); (389666.3,
3810720.5, 878.5, 1989.7, 0.0);
(389677.4, 3810699.1, 880.1, 1989.7, 0.0); (389688.5,
3810677.6, 881.8, 1989.7, 0.0);
(389699.7, 3810656.2, 883.7, 1989.7, 0.0); (389710.8,
3810634.8, 885.3, 1989.7, 0.0);
(389721.9, 3810613.3, 887.0, 1989.7, 0.0); (389733.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3810591.9,  | 888.5,     | 1989.7, | 0.0);   |       |             |
| ( 389744.1, | 3810570.5, | 890.2,  | 1989.7, | 0.0); | ( 389755.3, |
| 3810549.0,  | 892.0,     | 1989.7, | 0.0);   |       |             |
| ( 389766.4, | 3810527.6, | 893.8,  | 1989.7, | 0.0); | ( 389777.5, |
| 3810506.2,  | 895.8,     | 1989.7, | 0.0);   |       |             |
| ( 389788.6, | 3810484.7, | 897.6,  | 1989.7, | 0.0); | ( 389799.7, |
| 3810463.3,  | 899.6,     | 1989.7, | 0.0);   |       |             |
| ( 389810.9, | 3810441.9, | 901.6,  | 1989.7, | 0.0); | ( 389822.0, |
| 3810420.4,  | 903.8,     | 1989.7, | 0.0);   |       |             |
| ( 389833.1, | 3810399.0, | 906.1,  | 1989.7, | 0.0); | ( 389844.2, |
| 3810377.6,  | 908.3,     | 1989.7, | 0.0);   |       |             |
| ( 389855.3, | 3810356.1, | 910.3,  | 1989.7, | 0.0); | ( 389866.5, |
| 3810334.7,  | 911.1,     | 1989.7, | 0.0);   |       |             |
| ( 389877.6, | 3810313.3, | 911.8,  | 1989.7, | 0.0); | ( 389888.7, |
| 3810291.8,  | 914.1,     | 1989.7, | 0.0);   |       |             |
| ( 389899.8, | 3810270.4, | 917.6,  | 1989.7, | 0.0); | ( 389910.9, |
| 3810249.0,  | 919.8,     | 1989.7, | 0.0);   |       |             |
| ( 389922.0, | 3810227.5, | 918.1,  | 1989.7, | 0.0); | ( 389933.2, |
| 3810206.1,  | 916.0,     | 1989.7, | 0.0);   |       |             |
| ( 389944.3, | 3810184.6, | 915.7,  | 1989.7, | 0.0); | ( 389955.4, |
| 3810163.2,  | 917.3,     | 1989.7, | 0.0);   |       |             |
| ( 389966.5, | 3810141.8, | 919.0,  | 1989.7, | 0.0); | ( 389977.6, |
| 3810120.3,  | 920.5,     | 1989.7, | 0.0);   |       |             |
| ( 389988.8, | 3810098.9, | 921.8,  | 1989.7, | 0.0); | ( 389999.9, |
| 3810077.5,  | 923.1,     | 1989.7, | 0.0);   |       |             |
| ( 390011.0, | 3810056.0, | 924.2,  | 1989.7, | 0.0); | ( 390022.1, |
| 3810034.6,  | 925.2,     | 1989.7, | 0.0);   |       |             |
| ( 390033.2, | 3810013.2, | 926.5,  | 1989.7, | 0.0); | ( 390044.4, |
| 3809991.8,  | 928.1,     | 1989.7, | 0.0);   |       |             |
| ( 390055.5, | 3809970.3, | 929.9,  | 1989.7, | 0.0); | ( 390090.2, |
| 3809943.6,  | 931.0,     | 1989.7, | 0.0);   |       |             |
| ( 390113.7, | 3809938.4, | 929.6,  | 1989.7, | 0.0); | ( 390137.3, |
| 3809933.1,  | 927.7,     | 1989.7, | 0.0);   |       |             |
| ( 390160.9, | 3809927.9, | 926.5,  | 1989.7, | 0.0); | ( 390184.5, |
| 3809922.7,  | 926.3,     | 1989.7, | 0.0);   |       |             |
| ( 390208.0, | 3809917.4, | 926.2,  | 1989.7, | 0.0); | ( 390231.6, |
| 3809912.2,  | 925.0,     | 1989.7, | 0.0);   |       |             |
| ( 390255.2, | 3809906.9, | 924.0,  | 1989.7, | 0.0); | ( 390278.7, |
| 3809901.7,  | 923.6,     | 1989.7, | 0.0);   |       |             |
| ( 390302.3, | 3809896.4, | 923.1,  | 1989.7, | 0.0); | ( 390325.9, |
| 3809891.2,  | 921.5,     | 1989.7, | 0.0);   |       |             |
| ( 390349.5, | 3809886.0, | 918.1,  | 1989.7, | 0.0); | ( 390373.0, |
| 3809880.7,  | 911.7,     | 1989.7, | 0.0);   |       |             |
| ( 390396.6, | 3809875.5, | 910.6,  | 1989.7, | 0.0); | ( 390420.2, |
| 3809870.2,  | 917.8,     | 1989.7, | 0.0);   |       |             |
| ( 390443.7, | 3809865.0, | 924.5,  | 1989.7, | 0.0); | ( 390467.3, |
| 3809859.8,  | 924.5,     | 1989.7, | 0.0);   |       |             |
| ( 390490.9, | 3809854.5, | 921.1,  | 1989.7, | 0.0); | ( 390514.4, |
| 3809849.3,  | 917.6,     | 1989.7, | 0.0);   |       |             |
| ( 390538.0, | 3809844.0, | 915.8,  | 1989.7, | 0.0); | ( 390561.6, |

```

3809838.8, 912.9, 1989.7, 0.0);
(390585.1, 3809833.5, 906.1, 1989.7, 0.0); (390608.7,
3809828.3, 907.3, 1989.7, 0.0);
(390632.3, 3809823.0, 913.5, 1989.7, 0.0); (390655.9,
3809817.8, 917.4, 1989.7, 0.0);
(390679.4, 3809812.6, 919.2, 1989.7, 0.0); (390703.0,
3809807.3, 920.4, 1989.7, 0.0);
(390726.6, 3809802.1, 921.5, 1989.7, 0.0); (390750.1,
3809796.8, 922.7, 1989.7, 0.0);
(390773.7, 3809791.6, 923.5, 1989.7, 0.0); (390797.3,
3809786.3, 923.7, 1989.7, 0.0);
(390820.9, 3809781.1, 924.7, 1989.7, 0.0); (390844.4,
3809775.9, 925.4, 1989.7, 0.0);
(390868.0, 3809770.6, 925.2, 1989.7, 0.0); (390891.6,
3809765.4, 925.3, 1989.7, 0.0);
(390915.1, 3809760.1, 927.6, 1989.7, 0.0); (390938.7,
3809754.9, 929.2, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 242

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390962.3, 3809749.7, 927.9, 1989.7, 0.0); (390985.8,
3809744.4, 924.4, 1989.7, 0.0);
(391009.4, 3809739.2, 920.3, 1989.7, 0.0); (391033.0,
3809733.9, 915.7, 1989.7, 0.0);
(391056.6, 3809728.7, 910.6, 1989.7, 0.0); (391080.1,
3809723.4, 906.3, 1989.7, 0.0);
(391103.7, 3809718.2, 904.7, 1989.7, 0.0); (391127.3,
3809713.0, 904.7, 1989.7, 0.0);
(391150.8, 3809707.7, 903.3, 1989.7, 0.0); (391174.4,
3809702.5, 906.8, 1989.7, 0.0);
(391198.0, 3809697.2, 912.4, 1989.7, 0.0); (391221.6,
3809692.0, 914.7, 1989.7, 0.0);
(391245.1, 3809686.7, 916.3, 1989.7, 0.0); (391268.7,
3809681.5, 917.8, 1989.7, 0.0);
(391292.3, 3809676.3, 919.5, 1989.7, 0.0); (391315.8,
3809671.0, 920.9, 1989.7, 0.0);
(391339.4, 3809665.8, 922.2, 1989.7, 0.0); (391363.0,
3809660.5, 923.8, 1989.7, 0.0);
(391386.5, 3809655.3, 925.1, 1989.7, 0.0); (391410.1,
3809650.0, 926.7, 1989.7, 0.0);
(391433.7, 3809644.8, 928.5, 1989.7, 0.0); (391457.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809639.6,  | 930.0,     | 1989.7, | 0.0);   |       |             |
| ( 391480.8, | 3809634.3, | 931.9,  | 1989.7, | 0.0); | ( 391504.4, |
| 3809629.1,  | 933.8,     | 1989.7, | 0.0);   |       |             |
| ( 391528.0, | 3809623.8, | 936.4,  | 1989.7, | 0.0); | ( 391551.5, |
| 3809618.6,  | 939.3,     | 1989.7, | 0.0);   |       |             |
| ( 391575.1, | 3809613.3, | 941.9,  | 1989.7, | 0.0); | ( 391598.7, |
| 3809608.1,  | 943.2,     | 1989.7, | 0.0);   |       |             |
| ( 391622.3, | 3809602.9, | 943.0,  | 1989.7, | 0.0); | ( 391645.8, |
| 3809597.6,  | 941.7,     | 1989.7, | 0.0);   |       |             |
| ( 391669.4, | 3809592.4, | 940.6,  | 1989.7, | 0.0); | ( 391693.0, |
| 3809587.1,  | 940.4,     | 1989.7, | 0.0);   |       |             |
| ( 391716.5, | 3809581.9, | 941.6,  | 1989.7, | 0.0); | ( 391740.1, |
| 3809576.6,  | 943.1,     | 1989.7, | 0.0);   |       |             |
| ( 391763.7, | 3809571.4, | 944.4,  | 1989.7, | 0.0); | ( 391787.2, |
| 3809566.2,  | 945.5,     | 1989.7, | 0.0);   |       |             |
| ( 391810.8, | 3809560.9, | 947.0,  | 1989.7, | 0.0); | ( 391834.4, |
| 3809555.7,  | 948.7,     | 1989.7, | 0.0);   |       |             |
| ( 391858.0, | 3809550.4, | 950.7,  | 1989.7, | 0.0); | ( 391881.5, |
| 3809545.2,  | 952.7,     | 1989.7, | 0.0);   |       |             |
| ( 391905.1, | 3809539.9, | 954.8,  | 1989.7, | 0.0); | ( 391928.7, |
| 3809534.7,  | 956.7,     | 1989.7, | 0.0);   |       |             |
| ( 391952.2, | 3809529.5, | 958.1,  | 1989.7, | 0.0); | ( 391975.8, |
| 3809524.2,  | 958.6,     | 1989.7, | 0.0);   |       |             |
| ( 391999.4, | 3809519.0, | 959.2,  | 1989.7, | 0.0); | ( 392023.0, |
| 3809513.7,  | 961.2,     | 1989.7, | 0.0);   |       |             |
| ( 392046.5, | 3809508.5, | 963.6,  | 1989.7, | 0.0); | ( 392070.1, |
| 3809503.2,  | 965.1,     | 1989.7, | 0.0);   |       |             |
| ( 392093.7, | 3809498.0, | 965.0,  | 1989.7, | 0.0); | ( 392117.2, |
| 3809492.8,  | 963.9,     | 1989.7, | 0.0);   |       |             |
| ( 392140.8, | 3809487.5, | 965.3,  | 1989.7, | 0.0); | ( 392164.4, |
| 3809482.3,  | 968.6,     | 1989.7, | 0.0);   |       |             |
| ( 392188.0, | 3809477.0, | 971.8,  | 1989.7, | 0.0); | ( 392211.5, |
| 3809471.8,  | 974.6,     | 1989.7, | 0.0);   |       |             |
| ( 392235.1, | 3809466.5, | 977.7,  | 1989.7, | 0.0); | ( 392258.7, |
| 3809461.3,  | 983.1,     | 1989.7, | 0.0);   |       |             |
| ( 392282.2, | 3809456.1, | 988.4,  | 1989.7, | 0.0); | ( 392305.8, |
| 3809450.8,  | 990.8,     | 1989.7, | 0.0);   |       |             |
| ( 392329.4, | 3809445.6, | 993.5,  | 1989.7, | 0.0); | ( 392353.0, |
| 3809440.3,  | 996.7,     | 1989.7, | 0.0);   |       |             |
| ( 392376.5, | 3809435.1, | 998.3,  | 1989.7, | 0.0); | ( 392400.1, |
| 3809429.8,  | 1000.1,    | 1989.7, | 0.0);   |       |             |
| ( 392423.7, | 3809424.6, | 999.8,  | 1989.7, | 0.0); | ( 392447.2, |
| 3809419.4,  | 1000.0,    | 1989.7, | 0.0);   |       |             |
| ( 392470.8, | 3809414.1, | 997.9,  | 1989.7, | 0.0); | ( 392494.4, |
| 3809408.9,  | 994.9,     | 1989.7, | 0.0);   |       |             |
| ( 392517.9, | 3809403.6, | 991.2,  | 1989.7, | 0.0); | ( 392541.5, |
| 3809398.4,  | 991.7,     | 1989.7, | 0.0);   |       |             |
| ( 392565.1, | 3809393.1, | 993.2,  | 1989.7, | 0.0); | ( 392588.6, |
| 3809387.9,  | 994.4,     | 1989.7, | 0.0);   |       |             |
| ( 392612.2, | 3809382.7, | 995.2,  | 1989.7, | 0.0); | ( 392635.8, |

```

3809377.4, 996.1, 1989.7, 0.0);
(392659.4, 3809372.2, 997.5, 1989.7, 0.0); (392682.9,
3809366.9, 999.1, 1989.7, 0.0);
(392706.5, 3809361.7, 1001.6, 1989.7, 0.0); (392730.1,
3809356.4, 1005.0, 1989.7, 0.0);
(392753.6, 3809351.2, 1009.3, 1989.7, 0.0); (392777.2,
3809346.0, 1012.9, 1989.7, 0.0);
(392800.8, 3809340.7, 1017.0, 1989.7, 0.0); (392824.4,
3809335.5, 1020.3, 1989.7, 0.0);
(392847.9, 3809330.2, 1023.7, 1989.7, 0.0); (392871.5,
3809325.0, 1026.5, 1989.7, 0.0);
(392895.1, 3809319.8, 1029.6, 1989.7, 0.0); (392918.6,
3809314.5, 1032.8, 1989.7, 0.0);
(392942.2, 3809309.3, 1036.8, 1989.7, 0.0); (392965.8,
3809304.0, 1040.6, 1989.7, 0.0);
(392989.3, 3809298.8, 1043.9, 1989.7, 0.0); (393012.9,
3809293.5, 1050.0, 1989.7, 0.0);
(393036.5, 3809288.3, 1059.0, 1989.7, 0.0); (393060.1,
3809283.1, 1067.1, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 243

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393083.6, 3809277.8, 1074.0, 1989.7, 0.0); (393107.2,
3809272.6, 1081.3, 1989.7, 0.0);
(393130.8, 3809267.3, 1090.2, 1989.7, 0.0); (393154.3,
3809262.1, 1100.1, 1989.7, 0.0);
(393177.9, 3809256.8, 1109.3, 1989.7, 0.0); (393201.5,
3809251.6, 1116.5, 1989.7, 0.0);
(393225.1, 3809246.4, 1120.8, 1989.7, 0.0); (393248.6,
3809241.1, 1123.1, 1989.7, 0.0);
(393272.2, 3809235.9, 1124.6, 1989.7, 0.0); (393295.8,
3809230.6, 1128.0, 1989.7, 0.0);
(393319.3, 3809225.4, 1135.5, 1989.7, 0.0); (393342.9,
3809220.1, 1147.1, 1989.7, 0.0);
(393366.5, 3809214.9, 1158.5, 1989.7, 0.0); (393390.1,
3809209.7, 1162.5, 1989.7, 0.0);
(393413.6, 3809204.4, 1158.5, 1989.7, 0.0); (393437.2,
3809199.2, 1151.5, 1989.7, 0.0);
(393460.8, 3809193.9, 1143.0, 1989.7, 0.0); (393484.3,
3809188.7, 1135.0, 1989.7, 0.0);
(393507.9, 3809183.4, 1128.2, 1989.7, 0.0); (393531.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809178.2,  | 1122.3,    | 1989.7, | 0.0);   |       |             |
| ( 393555.0, | 3809173.0, | 1115.6, | 1989.7, | 0.0); | ( 393578.6, |
| 3809167.7,  | 1108.3,    | 1989.7, | 0.0);   |       |             |
| ( 393602.2, | 3809162.5, | 1104.0, | 1989.7, | 0.0); | ( 393625.8, |
| 3809157.2,  | 1102.6,    | 1989.7, | 0.0);   |       |             |
| ( 393649.3, | 3809152.0, | 1099.5, | 1989.7, | 0.0); | ( 393672.9, |
| 3809146.8,  | 1097.3,    | 1989.7, | 0.0);   |       |             |
| ( 393696.5, | 3809141.5, | 1097.9, | 1989.7, | 0.0); | ( 393720.0, |
| 3809136.3,  | 1096.4,    | 1989.7, | 0.0);   |       |             |
| ( 393743.6, | 3809131.0, | 1100.7, | 1989.7, | 0.0); | ( 393767.2, |
| 3809125.8,  | 1102.7,    | 1989.7, | 0.0);   |       |             |
| ( 393790.8, | 3809120.5, | 1103.4, | 1989.7, | 0.0); | ( 393814.3, |
| 3809115.3,  | 1103.8,    | 1989.7, | 0.0);   |       |             |
| ( 393837.9, | 3809110.0, | 1104.7, | 1989.7, | 0.0); | ( 393861.5, |
| 3809104.8,  | 1104.9,    | 1989.7, | 0.0);   |       |             |
| ( 393885.0, | 3809099.6, | 1104.2, | 1989.7, | 0.0); | ( 393908.6, |
| 3809094.3,  | 1102.2,    | 1989.7, | 0.0);   |       |             |
| ( 393932.2, | 3809089.1, | 1100.2, | 1989.7, | 0.0); | ( 393955.8, |
| 3809083.8,  | 1101.0,    | 1989.7, | 0.0);   |       |             |
| ( 393979.3, | 3809078.6, | 1101.3, | 1989.7, | 0.0); | ( 394002.9, |
| 3809073.3,  | 1103.4,    | 1989.7, | 0.0);   |       |             |
| ( 394026.5, | 3809068.1, | 1103.9, | 1989.7, | 0.0); | ( 394050.0, |
| 3809062.9,  | 1102.4,    | 2003.3, | 0.0);   |       |             |
| ( 394073.6, | 3809057.6, | 1104.2, | 2003.3, | 0.0); | ( 394097.2, |
| 3809052.4,  | 1101.3,    | 2009.6, | 0.0);   |       |             |
| ( 394120.7, | 3809047.1, | 1095.6, | 2009.6, | 0.0); | ( 394144.3, |
| 3809041.9,  | 1092.9,    | 2009.6, | 0.0);   |       |             |
| ( 394167.9, | 3809036.6, | 1091.4, | 2009.6, | 0.0); | ( 394191.5, |
| 3809031.4,  | 1091.2,    | 2009.6, | 0.0);   |       |             |
| ( 394215.0, | 3809026.2, | 1095.2, | 2009.6, | 0.0); | ( 394238.6, |
| 3809020.9,  | 1101.5,    | 2009.6, | 0.0);   |       |             |
| ( 394262.2, | 3809015.7, | 1104.8, | 2009.6, | 0.0); | ( 394285.7, |
| 3809010.4,  | 1107.5,    | 2009.6, | 0.0);   |       |             |
| ( 394309.3, | 3809005.2, | 1111.0, | 2009.6, | 0.0); | ( 394332.9, |
| 3808999.9,  | 1116.2,    | 2009.6, | 0.0);   |       |             |
| ( 394356.5, | 3808994.7, | 1125.4, | 2009.6, | 0.0); | ( 394380.0, |
| 3808989.5,  | 1138.1,    | 1989.7, | 0.0);   |       |             |
| ( 394403.6, | 3808984.2, | 1151.7, | 1989.7, | 0.0); | ( 394427.2, |
| 3808979.0,  | 1164.2,    | 1989.7, | 0.0);   |       |             |
| ( 394450.7, | 3808973.7, | 1176.3, | 1989.7, | 0.0); | ( 394474.3, |
| 3808968.5,  | 1185.8,    | 1989.7, | 0.0);   |       |             |
| ( 394497.9, | 3808963.2, | 1191.1, | 1989.7, | 0.0); | ( 394521.5, |
| 3808958.0,  | 1198.0,    | 1989.7, | 0.0);   |       |             |
| ( 394545.0, | 3808952.8, | 1207.2, | 1989.7, | 0.0); | ( 394568.6, |
| 3808947.5,  | 1217.3,    | 1989.7, | 0.0);   |       |             |
| ( 394592.2, | 3808942.3, | 1228.1, | 1989.7, | 0.0); | ( 394615.7, |
| 3808937.0,  | 1239.9,    | 1989.7, | 0.0);   |       |             |
| ( 394639.3, | 3808931.8, | 1251.3, | 1989.7, | 0.0); | ( 394662.9, |
| 3808926.5,  | 1265.6,    | 1989.7, | 0.0);   |       |             |
| ( 394686.4, | 3808921.3, | 1280.5, | 1989.7, | 0.0); | ( 394710.0, |

```

3808916.1, 1294.0, 1989.7, 0.0);
(394733.6, 3808910.8, 1304.1, 1989.7, 0.0); (394757.1,
3808905.6, 1310.9, 1989.7, 0.0);
(394780.7, 3808900.3, 1315.3, 1989.7, 0.0); (394804.3,
3808895.1, 1318.0, 1989.7, 0.0);
(394827.9, 3808889.8, 1321.3, 1989.7, 0.0); (394851.4,
3808884.6, 1328.1, 1989.7, 0.0);
(394875.0, 3808879.4, 1339.2, 1989.7, 0.0); (394898.6,
3808874.1, 1353.7, 1989.7, 0.0);
(394922.1, 3808868.9, 1369.7, 1989.7, 0.0); (394945.7,
3808863.6, 1385.7, 1989.7, 0.0);
(394969.3, 3808858.4, 1401.1, 1989.7, 0.0); (394992.9,
3808853.2, 1413.9, 1989.7, 0.0);
(395016.4, 3808847.9, 1425.5, 1989.7, 0.0); (395040.0,
3808842.7, 1432.6, 1989.7, 0.0);
(395063.6, 3808837.4, 1433.7, 1989.7, 0.0); (395087.1,
3808832.2, 1434.1, 1989.7, 0.0);
(395110.7, 3808826.9, 1436.1, 1989.7, 0.0); (395134.3,
3808821.7, 1436.0, 1989.7, 0.0);
(395157.8, 3808816.5, 1433.0, 1989.7, 0.0); (395181.4,
3808811.2, 1429.1, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 244

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395205.0, 3808806.0, 1424.2, 1989.7, 0.0); (395228.6,
3808800.7, 1415.9, 1989.7, 0.0);
(395252.1, 3808795.5, 1403.5, 1989.7, 0.0); (395275.7,
3808790.2, 1393.7, 1989.7, 0.0);
(395299.3, 3808785.0, 1388.1, 1989.7, 0.0); (395322.8,
3808779.8, 1384.2, 1989.7, 0.0);
(395346.4, 3808774.5, 1381.6, 1989.7, 0.0); (395370.0,
3808769.3, 1383.7, 1989.7, 0.0);
(395393.6, 3808764.0, 1391.4, 1989.7, 0.0); (395417.1,
3808758.8, 1400.8, 1989.7, 0.0);
(395440.7, 3808753.5, 1410.7, 1989.7, 0.0); (395464.3,
3808748.3, 1421.4, 1989.7, 0.0);
(395487.8, 3808743.1, 1432.4, 1830.9, 0.0); (395511.4,
3808737.8, 1444.4, 1830.9, 0.0);
(395535.0, 3808732.6, 1456.4, 1830.9, 0.0); (395558.5,
3808727.3, 1470.5, 1830.9, 0.0);
(395582.1, 3808722.1, 1482.8, 1612.0, 0.0); (395605.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808716.8,  | 1483.8,    | 1612.0, | 0.0);   |       |             |
| ( 395629.3, | 3808711.6, | 1475.2, | 1830.9, | 0.0); | ( 395652.8, |
| 3808706.4,  | 1463.4,    | 1830.9, | 0.0);   |       |             |
| ( 395676.4, | 3808701.1, | 1448.0, | 1830.9, | 0.0); | ( 395700.0, |
| 3808695.9,  | 1431.1,    | 1830.9, | 0.0);   |       |             |
| ( 395723.5, | 3808690.6, | 1413.6, | 1988.8, | 0.0); | ( 395747.1, |
| 3808685.4,  | 1397.3,    | 1989.7, | 0.0);   |       |             |
| ( 395770.7, | 3808680.1, | 1382.7, | 1989.7, | 0.0); | ( 395794.3, |
| 3808674.9,  | 1368.0,    | 1989.7, | 0.0);   |       |             |
| ( 395817.8, | 3808669.7, | 1351.6, | 1989.7, | 0.0); | ( 395841.4, |
| 3808664.4,  | 1334.8,    | 1989.7, | 0.0);   |       |             |
| ( 395865.0, | 3808659.2, | 1320.4, | 1989.7, | 0.0); | ( 395888.5, |
| 3808653.9,  | 1307.0,    | 1989.7, | 0.0);   |       |             |
| ( 395912.1, | 3808648.7, | 1293.7, | 1989.7, | 0.0); | ( 395935.7, |
| 3808643.4,  | 1285.4,    | 1989.7, | 0.0);   |       |             |
| ( 395959.2, | 3808638.2, | 1278.1, | 2003.3, | 0.0); | ( 395982.8, |
| 3808633.0,  | 1273.3,    | 2009.6, | 0.0);   |       |             |
| ( 396006.4, | 3808627.7, | 1268.5, | 2060.8, | 0.0); | ( 396030.0, |
| 3808622.5,  | 1263.7,    | 2084.1, | 0.0);   |       |             |
| ( 396053.5, | 3808617.2, | 1259.5, | 2084.1, | 0.0); | ( 396077.1, |
| 3808612.0,  | 1255.3,    | 2084.1, | 0.0);   |       |             |
| ( 396100.7, | 3808606.8, | 1247.8, | 2084.1, | 0.0); | ( 396124.2, |
| 3808601.5,  | 1237.6,    | 2084.1, | 0.0);   |       |             |
| ( 396147.8, | 3808596.3, | 1225.6, | 2084.9, | 0.0); | ( 396171.4, |
| 3808591.0,  | 1214.1,    | 2167.9, | 0.0);   |       |             |
| ( 396195.0, | 3808585.8, | 1204.6, | 2167.9, | 0.0); | ( 396218.5, |
| 3808580.5,  | 1195.8,    | 2167.9, | 0.0);   |       |             |
| ( 396242.1, | 3808575.3, | 1193.3, | 2167.9, | 0.0); | ( 396265.7, |
| 3808570.0,  | 1192.1,    | 2167.9, | 0.0);   |       |             |
| ( 396289.2, | 3808564.8, | 1188.0, | 2167.9, | 0.0); | ( 396312.8, |
| 3808559.6,  | 1184.0,    | 2167.9, | 0.0);   |       |             |
| ( 396336.4, | 3808554.3, | 1179.2, | 2167.9, | 0.0); | ( 396360.0, |
| 3808549.1,  | 1173.3,    | 2167.9, | 0.0);   |       |             |
| ( 396383.5, | 3808543.8, | 1169.2, | 2167.9, | 0.0); | ( 396407.1, |
| 3808538.6,  | 1166.4,    | 2167.9, | 0.0);   |       |             |
| ( 396430.7, | 3808533.3, | 1164.5, | 2167.9, | 0.0); | ( 396454.2, |
| 3808528.1,  | 1163.1,    | 2167.9, | 0.0);   |       |             |
| ( 396477.8, | 3808522.9, | 1162.4, | 2167.9, | 0.0); | ( 387008.9, |
| 3815843.3,  | 969.0,     | 1255.1, | 0.0);   |       |             |
| ( 387007.8, | 3815867.5, | 967.1,  | 1255.1, | 0.0); | ( 387006.8, |
| 3815891.7,  | 963.7,     | 1255.1, | 0.0);   |       |             |
| ( 387005.8, | 3815915.9, | 961.0,  | 1255.1, | 0.0); | ( 387004.8, |
| 3815940.1,  | 958.5,     | 1255.1, | 0.0);   |       |             |
| ( 387003.8, | 3815964.3, | 956.0,  | 1255.1, | 0.0); | ( 387002.8, |
| 3815988.5,  | 953.5,     | 1255.1, | 0.0);   |       |             |
| ( 385687.8, | 3815766.0, | 1005.2, | 1101.8, | 0.0); | ( 385699.0, |
| 3815744.6,  | 996.8,     | 1101.8, | 0.0);   |       |             |
| ( 385710.1, | 3815723.1, | 988.0,  | 1101.8, | 0.0); | ( 385721.3, |
| 3815701.6,  | 983.8,     | 1101.8, | 0.0);   |       |             |
| ( 385732.4, | 3815680.1, | 977.1,  | 1101.8, | 0.0); | ( 385743.5, |

```

3815658.6, 970.9, 1101.8, 0.0);
 (385754.7, 3815637.1, 965.5, 1101.8, 0.0); (385765.8,
3815615.7, 962.5, 1255.1, 0.0);
 (385777.0, 3815594.2, 958.1, 1255.1, 0.0); (385788.1,
3815572.7, 954.5, 1255.1, 0.0);
 (385799.3, 3815551.2, 952.4, 1255.1, 0.0); (385810.4,
3815529.8, 948.9, 1255.1, 0.0);
 (385821.6, 3815508.3, 948.3, 1255.1, 0.0); (385832.7,
3815486.8, 946.6, 1255.1, 0.0);
 (385843.8, 3815465.3, 942.9, 1255.1, 0.0); (385855.0,
3815443.8, 942.0, 1255.1, 0.0);
 (385866.1, 3815422.3, 944.8, 1255.1, 0.0); (385877.3,
3815400.9, 947.2, 1255.1, 0.0);
 (385888.4, 3815379.4, 948.3, 1255.1, 0.0); (385899.6,
3815357.9, 950.2, 1255.1, 0.0);
 (385910.7, 3815336.4, 953.6, 1255.1, 0.0); (385921.8,
3815314.9, 956.5, 1255.1, 0.0);
 (385933.0, 3815293.4, 956.8, 1255.1, 0.0); (385944.1,
3815272.0, 950.9, 1255.1, 0.0);
 (385955.3, 3815250.5, 944.2, 1255.1, 0.0); (385966.4,
3815229.0, 938.9, 1255.1, 0.0);
 (385977.6, 3815207.5, 935.8, 1255.1, 0.0); (385988.7,
3815186.0, 934.6, 1255.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 245

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (385999.9, 3815164.6, 933.0, 1255.1, 0.0); (386011.0,
3815143.1, 930.2, 1255.1, 0.0);
 (386022.1, 3815121.6, 928.6, 1255.1, 0.0); (386033.3,
3815100.1, 928.1, 1255.1, 0.0);
 (386044.4, 3815078.6, 933.0, 1255.1, 0.0); (386055.6,
3815057.1, 940.5, 1255.1, 0.0);
 (386066.7, 3815035.7, 949.6, 1255.1, 0.0); (386077.9,
3815014.2, 960.2, 1255.1, 0.0);
 (386089.0, 3814992.7, 970.5, 1255.1, 0.0); (386100.1,
3814971.2, 980.5, 1255.1, 0.0);
 (386111.3, 3814949.7, 988.5, 1255.1, 0.0); (386122.4,
3814928.3, 988.2, 1255.1, 0.0);
 (386133.6, 3814906.8, 985.0, 1255.1, 0.0); (386144.7,
3814885.3, 982.9, 1255.1, 0.0);
 (386155.9, 3814863.8, 984.7, 1255.1, 0.0); (386167.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814842.3,  | 990.4,     | 1255.1, | 0.0);   |       |             |
| ( 386178.2, | 3814820.8, | 996.2,  | 1255.1, | 0.0); | ( 386189.3, |
| 3814799.4,  | 1001.3,    | 1255.1, | 0.0);   |       |             |
| ( 386200.4, | 3814777.9, | 1004.0, | 1255.1, | 0.0); | ( 386211.6, |
| 3814756.4,  | 1004.2,    | 1255.1, | 0.0);   |       |             |
| ( 386222.7, | 3814734.9, | 1002.3, | 1255.1, | 0.0); | ( 386233.9, |
| 3814713.4,  | 1000.4,    | 1255.1, | 0.0);   |       |             |
| ( 386245.0, | 3814692.0, | 1000.8, | 1255.1, | 0.0); | ( 386256.2, |
| 3814670.5,  | 1002.6,    | 1255.1, | 0.0);   |       |             |
| ( 386267.3, | 3814649.0, | 1004.9, | 1255.1, | 0.0); | ( 386278.5, |
| 3814627.5,  | 1007.3,    | 1255.1, | 0.0);   |       |             |
| ( 386289.6, | 3814606.0, | 1008.6, | 1255.1, | 0.0); | ( 386300.7, |
| 3814584.6,  | 1011.0,    | 1255.1, | 0.0);   |       |             |
| ( 386311.9, | 3814563.1, | 1011.6, | 1255.1, | 0.0); | ( 386323.0, |
| 3814541.6,  | 1007.9,    | 1255.1, | 0.0);   |       |             |
| ( 386334.2, | 3814520.1, | 1000.8, | 1255.1, | 0.0); | ( 386345.3, |
| 3814498.6,  | 993.3,     | 1255.1, | 0.0);   |       |             |
| ( 386356.5, | 3814477.1, | 986.0,  | 1255.1, | 0.0); | ( 386367.6, |
| 3814455.7,  | 978.6,     | 1255.1, | 0.0);   |       |             |
| ( 386378.7, | 3814434.2, | 967.8,  | 1255.1, | 0.0); | ( 386389.9, |
| 3814412.7,  | 957.9,     | 1255.1, | 0.0);   |       |             |
| ( 386401.0, | 3814391.2, | 949.6,  | 1255.1, | 0.0); | ( 386412.2, |
| 3814369.7,  | 938.6,     | 1937.2, | 0.0);   |       |             |
| ( 386423.3, | 3814348.3, | 929.0,  | 1937.2, | 0.0); | ( 386434.5, |
| 3814326.8,  | 920.2,     | 1955.9, | 0.0);   |       |             |
| ( 386445.6, | 3814305.3, | 912.6,  | 1956.1, | 0.0); | ( 386456.8, |
| 3814283.8,  | 905.3,     | 1980.1, | 0.0);   |       |             |
| ( 386467.9, | 3814262.3, | 898.2,  | 1980.1, | 0.0); | ( 386479.0, |
| 3814240.8,  | 892.6,     | 1981.6, | 0.0);   |       |             |
| ( 386490.2, | 3814219.4, | 887.0,  | 1989.7, | 0.0); | ( 386501.3, |
| 3814197.9,  | 882.5,     | 1989.7, | 0.0);   |       |             |
| ( 386512.5, | 3814176.4, | 880.5,  | 1989.7, | 0.0); | ( 386523.6, |
| 3814154.9,  | 884.9,     | 1989.7, | 0.0);   |       |             |
| ( 386534.8, | 3814133.4, | 891.4,  | 1989.7, | 0.0); | ( 386545.9, |
| 3814112.0,  | 897.5,     | 1989.7, | 0.0);   |       |             |
| ( 386557.0, | 3814090.5, | 897.7,  | 1989.7, | 0.0); | ( 386568.2, |
| 3814069.0,  | 897.6,     | 1989.7, | 0.0);   |       |             |
| ( 386579.3, | 3814047.5, | 899.5,  | 1989.7, | 0.0); | ( 386590.5, |
| 3814026.0,  | 904.4,     | 1989.7, | 0.0);   |       |             |
| ( 386601.6, | 3814004.5, | 909.5,  | 1989.7, | 0.0); | ( 386612.8, |
| 3813983.1,  | 914.2,     | 1989.7, | 0.0);   |       |             |
| ( 386623.9, | 3813961.6, | 918.2,  | 1989.5, | 0.0); | ( 386635.0, |
| 3813940.1,  | 918.3,     | 1989.7, | 0.0);   |       |             |
| ( 386646.2, | 3813918.6, | 917.4,  | 1989.7, | 0.0); | ( 386657.3, |
| 3813897.1,  | 915.5,     | 1989.7, | 0.0);   |       |             |
| ( 386668.5, | 3813875.7, | 913.6,  | 1989.7, | 0.0); | ( 386679.6, |
| 3813854.2,  | 910.6,     | 1989.7, | 0.0);   |       |             |
| ( 386690.8, | 3813832.7, | 905.9,  | 1989.7, | 0.0); | ( 386701.9, |
| 3813811.2,  | 898.4,     | 1989.7, | 0.0);   |       |             |
| ( 386713.0, | 3813789.7, | 891.5,  | 1989.7, | 0.0); | ( 386724.2, |

```

3813768.3, 888.3, 1989.7, 0.0);
(386735.3, 3813746.8, 891.2, 1989.7, 0.0); (386746.5,
3813725.3, 893.0, 1989.7, 0.0);
(386757.6, 3813703.8, 895.8, 1989.7, 0.0); (386768.8,
3813682.3, 900.7, 1989.7, 0.0);
(386779.9, 3813660.8, 908.5, 1989.7, 0.0); (386791.0,
3813639.4, 916.8, 1989.7, 0.0);
(386802.2, 3813617.9, 925.0, 1989.7, 0.0); (386813.3,
3813596.4, 931.5, 1989.7, 0.0);
(386824.5, 3813574.9, 938.3, 1989.7, 0.0); (386835.6,
3813553.4, 945.4, 1989.7, 0.0);
(386846.8, 3813532.0, 953.5, 1989.7, 0.0); (386857.9,
3813510.5, 959.8, 1989.7, 0.0);
(386869.1, 3813489.0, 966.0, 1989.7, 0.0); (386880.2,
3813467.5, 972.5, 1989.7, 0.0);
(386891.3, 3813446.0, 979.9, 1985.5, 0.0); (386902.5,
3813424.5, 988.7, 1980.1, 0.0);
(386913.6, 3813403.1, 997.2, 1980.1, 0.0); (386924.8,
3813381.6, 1007.1, 1980.1, 0.0);
(386935.9, 3813360.1, 1017.2, 1979.8, 0.0); (386947.1,
3813338.6, 1028.0, 1956.1, 0.0);
(386958.2, 3813317.1, 1039.0, 1937.2, 0.0); (386969.3,
3813295.7, 1051.2, 1937.2, 0.0);
(386980.5, 3813274.2, 1064.9, 1255.1, 0.0); (386991.6,
3813252.7, 1072.7, 1255.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 246

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(387002.8, 3813231.2, 1082.0, 1255.1, 0.0); (387013.9,
3813209.7, 1090.8, 1255.1, 0.0);
(387025.1, 3813188.2, 1102.0, 1255.1, 0.0); (387036.2,
3813166.8, 1115.0, 1255.1, 0.0);
(387047.4, 3813145.3, 1130.2, 1255.1, 0.0); (387058.5,
3813123.8, 1145.9, 1179.0, 0.0);
(387069.6, 3813102.3, 1158.4, 1179.0, 0.0); (387080.8,
3813080.8, 1166.3, 1177.6, 0.0);
(387091.9, 3813059.4, 1165.2, 1179.0, 0.0); (387103.1,
3813037.9, 1164.7, 1179.0, 0.0);
(387114.2, 3813016.4, 1165.6, 1179.0, 0.0); (387125.4,
3812994.9, 1164.0, 1179.0, 0.0);
(387136.5, 3812973.4, 1159.1, 1179.0, 0.0); (387147.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812952.0,  | 1153.4,    | 1179.0, | 0.0);   |       |             |
| ( 387158.8, | 3812930.5, | 1145.7, | 1179.0, | 0.0); | ( 387169.9, |
| 3812909.0,  | 1133.9,    | 1218.9, | 0.0);   |       |             |
| ( 387181.1, | 3812887.5, | 1120.2, | 1255.1, | 0.0); | ( 387192.2, |
| 3812866.0,  | 1109.0,    | 1937.2, | 0.0);   |       |             |
| ( 387203.4, | 3812844.5, | 1099.4, | 1937.2, | 0.0); | ( 387214.5, |
| 3812823.1,  | 1090.3,    | 1955.9, | 0.0);   |       |             |
| ( 387225.6, | 3812801.6, | 1082.1, | 1956.1, | 0.0); | ( 387236.8, |
| 3812780.1,  | 1074.2,    | 1980.1, | 0.0);   |       |             |
| ( 387247.9, | 3812758.6, | 1068.6, | 1980.1, | 0.0); | ( 387259.1, |
| 3812737.1,  | 1070.7,    | 1980.1, | 0.0);   |       |             |
| ( 387270.2, | 3812715.7, | 1078.5, | 1980.1, | 0.0); | ( 387281.4, |
| 3812694.2,  | 1090.6,    | 1979.8, | 0.0);   |       |             |
| ( 387292.5, | 3812672.7, | 1103.4, | 1956.1, | 0.0); | ( 387303.7, |
| 3812651.2,  | 1108.0,    | 1955.9, | 0.0);   |       |             |
| ( 387314.8, | 3812629.7, | 1095.9, | 1980.1, | 0.0); | ( 387326.0, |
| 3812608.2,  | 1082.0,    | 1980.1, | 0.0);   |       |             |
| ( 387337.1, | 3812586.8, | 1067.8, | 1989.7, | 0.0); | ( 387348.2, |
| 3812565.3,  | 1052.4,    | 1989.7, | 0.0);   |       |             |
| ( 387359.4, | 3812543.8, | 1039.6, | 1989.7, | 0.0); | ( 387370.5, |
| 3812522.3,  | 1031.9,    | 1989.7, | 0.0);   |       |             |
| ( 387381.7, | 3812500.8, | 1027.6, | 1989.7, | 0.0); | ( 387392.8, |
| 3812479.4,  | 1019.4,    | 1989.7, | 0.0);   |       |             |
| ( 387404.0, | 3812457.9, | 1008.7, | 1989.7, | 0.0); | ( 387415.1, |
| 3812436.4,  | 996.0,     | 1989.7, | 0.0);   |       |             |
| ( 387426.2, | 3812414.9, | 983.9,  | 1989.7, | 0.0); | ( 387437.4, |
| 3812393.4,  | 975.5,     | 1989.7, | 0.0);   |       |             |
| ( 387448.5, | 3812371.9, | 969.1,  | 1989.7, | 0.0); | ( 387459.7, |
| 3812350.5,  | 965.6,     | 1989.7, | 0.0);   |       |             |
| ( 387470.8, | 3812329.0, | 965.3,  | 1989.7, | 0.0); | ( 387482.0, |
| 3812307.5,  | 967.5,     | 1989.7, | 0.0);   |       |             |
| ( 387493.1, | 3812286.0, | 970.5,  | 1989.7, | 0.0); | ( 387504.2, |
| 3812264.5,  | 968.8,     | 1989.7, | 0.0);   |       |             |
| ( 387515.4, | 3812243.1, | 962.8,  | 1989.7, | 0.0); | ( 387526.5, |
| 3812221.6,  | 952.3,     | 1989.7, | 0.0);   |       |             |
| ( 387537.7, | 3812200.1, | 944.0,  | 1989.7, | 0.0); | ( 387548.8, |
| 3812178.6,  | 934.7,     | 1989.7, | 0.0);   |       |             |
| ( 387560.0, | 3812157.1, | 926.2,  | 1989.7, | 0.0); | ( 387571.1, |
| 3812135.7,  | 918.0,     | 1989.7, | 0.0);   |       |             |
| ( 387582.2, | 3812114.2, | 910.6,  | 1989.7, | 0.0); | ( 387593.4, |
| 3812092.7,  | 902.2,     | 1989.7, | 0.0);   |       |             |
| ( 387604.5, | 3812071.2, | 892.8,  | 1989.7, | 0.0); | ( 387615.7, |
| 3812049.7,  | 887.1,     | 1989.7, | 0.0);   |       |             |
| ( 387626.8, | 3812028.2, | 881.1,  | 1989.7, | 0.0); | ( 387638.0, |
| 3812006.8,  | 877.6,     | 1989.7, | 0.0);   |       |             |
| ( 387649.1, | 3811985.3, | 874.2,  | 1989.7, | 0.0); | ( 387660.3, |
| 3811963.8,  | 869.8,     | 1989.7, | 0.0);   |       |             |
| ( 387671.4, | 3811942.3, | 862.8,  | 1989.7, | 0.0); | ( 387682.5, |
| 3811920.8,  | 854.2,     | 1989.7, | 0.0);   |       |             |
| ( 387693.7, | 3811899.4, | 844.8,  | 1989.7, | 0.0); | ( 387704.8, |

```

3811877.9, 835.4, 1989.7, 0.0);
(387716.0, 3811856.4, 825.6, 1989.7, 0.0); (387727.1,
3811834.9, 813.8, 1989.7, 0.0);
(387738.3, 3811813.4, 810.0, 1989.7, 0.0); (387749.4,
3811791.9, 811.4, 1989.7, 0.0);
(387760.5, 3811770.5, 814.7, 1989.7, 0.0); (387771.7,
3811749.0, 816.5, 1989.7, 0.0);
(387782.8, 3811727.5, 815.4, 1989.7, 0.0); (387794.0,
3811706.0, 811.7, 1989.7, 0.0);
(387805.1, 3811684.5, 808.0, 1989.7, 0.0); (387816.3,
3811663.1, 803.9, 1989.7, 0.0);
(387827.4, 3811641.6, 799.7, 1989.7, 0.0); (387838.5,
3811620.1, 795.7, 1989.7, 0.0);
(387849.7, 3811598.6, 792.0, 1989.7, 0.0); (387860.8,
3811577.1, 788.6, 1989.7, 0.0);
(387872.0, 3811555.6, 785.7, 1989.7, 0.0); (387883.1,
3811534.2, 782.4, 1989.7, 0.0);
(387894.3, 3811512.7, 779.2, 1989.7, 0.0); (387905.4,
3811491.2, 776.2, 1989.7, 0.0);
(387916.6, 3811469.7, 773.2, 1989.7, 0.0); (387927.7,
3811448.2, 771.3, 1989.7, 0.0);
(387938.8, 3811426.8, 768.3, 1989.7, 0.0); (387950.0,
3811405.3, 765.3, 1989.7, 0.0);
(387961.1, 3811383.8, 762.6, 1989.7, 0.0); (387972.3,
3811362.3, 759.6, 1989.7, 0.0);
(387983.4, 3811340.8, 756.9, 1989.7, 0.0); (387994.6,
3811319.4, 755.8, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 247

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(388005.7, 3811297.9, 755.8, 1989.7, 0.0); (388016.8,
3811276.4, 755.6, 1989.7, 0.0);
(388028.0, 3811254.9, 755.1, 1989.7, 0.0); (388039.1,
3811233.4, 755.0, 1989.7, 0.0);
(388050.3, 3811211.9, 755.5, 1989.7, 0.0); (388061.4,
3811190.5, 756.8, 1989.7, 0.0);
(388072.6, 3811169.0, 759.2, 1989.7, 0.0); (388083.7,
3811147.5, 760.8, 1989.7, 0.0);
(388094.9, 3811126.0, 761.9, 1989.7, 0.0); (388106.0,
3811104.5, 763.0, 1989.7, 0.0);
(388117.1, 3811083.1, 764.0, 1989.7, 0.0); (388128.3,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811061.6,  | 765.1,     | 1989.7, | 0.0);   |       |             |
| ( 388139.4, | 3811040.1, | 766.6,  | 1989.7, | 0.0); | ( 388150.6, |
| 3811018.6,  | 767.9,     | 1989.7, | 0.0);   |       |             |
| ( 388161.7, | 3810997.1, | 770.4,  | 1989.7, | 0.0); | ( 388172.9, |
| 3810975.6,  | 771.6,     | 1989.7, | 0.0);   |       |             |
| ( 388184.0, | 3810954.2, | 773.7,  | 1989.7, | 0.0); | ( 388195.1, |
| 3810932.7,  | 774.8,     | 1989.7, | 0.0);   |       |             |
| ( 388206.3, | 3810911.2, | 776.3,  | 1989.7, | 0.0); | ( 388217.4, |
| 3810889.7,  | 777.7,     | 1989.7, | 0.0);   |       |             |
| ( 388228.6, | 3810868.2, | 779.5,  | 1989.7, | 0.0); | ( 388239.7, |
| 3810846.8,  | 780.2,     | 1989.7, | 0.0);   |       |             |
| ( 388250.9, | 3810825.3, | 779.8,  | 1989.7, | 0.0); | ( 388262.0, |
| 3810803.8,  | 779.5,     | 1989.7, | 0.0);   |       |             |
| ( 388273.1, | 3810782.3, | 778.6,  | 1989.7, | 0.0); | ( 388284.3, |
| 3810760.8,  | 779.3,     | 1989.7, | 0.0);   |       |             |
| ( 388295.4, | 3810739.3, | 782.0,  | 1989.7, | 0.0); | ( 388306.6, |
| 3810717.9,  | 786.2,     | 1989.7, | 0.0);   |       |             |
| ( 388317.7, | 3810696.4, | 790.0,  | 1989.7, | 0.0); | ( 388328.9, |
| 3810674.9,  | 792.5,     | 1989.7, | 0.0);   |       |             |
| ( 388340.0, | 3810653.4, | 792.1,  | 1989.7, | 0.0); | ( 388351.2, |
| 3810631.9,  | 793.6,     | 1989.7, | 0.0);   |       |             |
| ( 388362.3, | 3810610.5, | 796.1,  | 1989.7, | 0.0); | ( 388373.5, |
| 3810589.0,  | 796.4,     | 1989.7, | 0.0);   |       |             |
| ( 388384.6, | 3810567.5, | 796.0,  | 1989.7, | 0.0); | ( 388395.7, |
| 3810546.0,  | 795.7,     | 1989.7, | 0.0);   |       |             |
| ( 388406.9, | 3810524.5, | 798.2,  | 1989.7, | 0.0); | ( 388418.0, |
| 3810503.1,  | 802.9,     | 1989.7, | 0.0);   |       |             |
| ( 388429.2, | 3810481.6, | 807.1,  | 1989.7, | 0.0); | ( 388440.3, |
| 3810460.1,  | 810.4,     | 1989.7, | 0.0);   |       |             |
| ( 388451.5, | 3810438.6, | 812.2,  | 1989.7, | 0.0); | ( 388462.6, |
| 3810417.1,  | 812.8,     | 1989.7, | 0.0);   |       |             |
| ( 388473.7, | 3810395.6, | 814.7,  | 1989.7, | 0.0); | ( 388484.9, |
| 3810374.2,  | 811.2,     | 1989.7, | 0.0);   |       |             |
| ( 388496.0, | 3810352.7, | 807.7,  | 1989.7, | 0.0); | ( 388507.2, |
| 3810331.2,  | 805.9,     | 1989.7, | 0.0);   |       |             |
| ( 388518.3, | 3810309.7, | 807.5,  | 1989.7, | 0.0); | ( 388529.5, |
| 3810288.2,  | 809.7,     | 1989.7, | 0.0);   |       |             |
| ( 388540.6, | 3810266.8, | 811.8,  | 1989.7, | 0.0); | ( 388551.8, |
| 3810245.3,  | 813.4,     | 1989.7, | 0.0);   |       |             |
| ( 388562.9, | 3810223.8, | 815.9,  | 1989.7, | 0.0); | ( 388574.0, |
| 3810202.3,  | 818.1,     | 1989.7, | 0.0);   |       |             |
| ( 388585.2, | 3810180.8, | 820.0,  | 1989.7, | 0.0); | ( 388596.3, |
| 3810159.3,  | 822.4,     | 1989.7, | 0.0);   |       |             |
| ( 388607.5, | 3810137.9, | 825.3,  | 1989.7, | 0.0); | ( 388618.6, |
| 3810116.4,  | 828.4,     | 1989.7, | 0.0);   |       |             |
| ( 388629.8, | 3810094.9, | 830.7,  | 1989.7, | 0.0); | ( 388640.9, |
| 3810073.4,  | 833.2,     | 1989.7, | 0.0);   |       |             |
| ( 388652.0, | 3810051.9, | 835.8,  | 1989.7, | 0.0); | ( 388663.2, |
| 3810030.5,  | 840.2,     | 1989.7, | 0.0);   |       |             |
| ( 388674.3, | 3810009.0, | 845.9,  | 1989.7, | 0.0); | ( 388685.5, |

```

3809987.5, 852.8, 1989.7, 0.0);
(388696.6, 3809966.0, 859.4, 1989.7, 0.0); (388707.8,
3809944.5, 861.0, 1989.7, 0.0);
(388718.9, 3809923.0, 861.1, 1989.7, 0.0); (388730.0,
3809901.6, 861.8, 1989.7, 0.0);
(388741.2, 3809880.1, 860.7, 1989.7, 0.0); (388752.3,
3809858.6, 859.9, 1989.7, 0.0);
(388763.5, 3809837.1, 862.4, 1989.7, 0.0); (388774.6,
3809815.6, 869.2, 1989.7, 0.0);
(388785.8, 3809794.2, 872.3, 1989.7, 0.0); (388796.9,
3809772.7, 871.5, 1989.7, 0.0);
(388808.0, 3809751.2, 876.7, 1989.7, 0.0); (388819.2,
3809729.7, 883.1, 1989.7, 0.0);
(388830.3, 3809708.2, 885.4, 1989.7, 0.0); (388841.5,
3809686.8, 880.1, 1989.7, 0.0);
(388852.6, 3809665.3, 881.9, 1989.7, 0.0); (388863.8,
3809643.8, 883.8, 1989.7, 0.0);
(388874.9, 3809622.3, 879.5, 1989.7, 0.0); (388886.0,
3809600.8, 879.8, 1989.7, 0.0);
(388897.2, 3809579.3, 885.7, 1989.7, 0.0); (388908.3,
3809557.9, 897.7, 1989.7, 0.0);
(388919.5, 3809536.4, 910.6, 1989.7, 0.0); (388930.6,
3809514.9, 923.1, 1989.7, 0.0);
(388941.8, 3809493.4, 933.6, 1989.7, 0.0); (388952.9,
3809471.9, 941.3, 1989.7, 0.0);
(388964.1, 3809450.5, 941.6, 1989.7, 0.0); (388975.2,
3809429.0, 939.0, 1989.7, 0.0);
(388986.3, 3809407.5, 932.8, 1989.7, 0.0); (388997.5,
3809386.0, 940.8, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 248

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(389008.6, 3809364.5, 953.9, 1989.7, 0.0); (389019.8,
3809343.0, 968.2, 1989.7, 0.0);
(389030.9, 3809321.6, 982.3, 1989.7, 0.0); (389042.1,
3809300.1, 995.2, 1989.7, 0.0);
(389053.2, 3809278.6, 1004.9, 1989.7, 0.0); (389064.3,
3809257.1, 1010.3, 1989.7, 0.0);
(389075.5, 3809235.6, 1017.2, 1989.7, 0.0); (389086.6,
3809214.2, 1028.3, 1989.7, 0.0);
(389097.8, 3809192.7, 1040.9, 1989.7, 0.0); (389108.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809171.2,  | 1051.7,    | 1989.7, | 0.0);   |       |             |
| ( 389120.1, | 3809149.7, | 1061.0, | 1989.7, | 0.0); | ( 389131.2, |
| 3809128.2,  | 1064.2,    | 1989.7, | 0.0);   |       |             |
| ( 389142.4, | 3809106.8, | 1059.3, | 1989.7, | 0.0); | ( 389153.5, |
| 3809085.3,  | 1055.9,    | 1989.7, | 0.0);   |       |             |
| ( 389164.6, | 3809063.8, | 1057.9, | 1989.7, | 0.0); | ( 389175.8, |
| 3809042.3,  | 1070.5,    | 1989.7, | 0.0);   |       |             |
| ( 389186.9, | 3809020.8, | 1083.1, | 1989.7, | 0.0); | ( 389198.1, |
| 3808999.3,  | 1096.3,    | 1989.7, | 0.0);   |       |             |
| ( 389209.2, | 3808977.9, | 1100.0, | 1989.7, | 0.0); | ( 389220.4, |
| 3808956.4,  | 1096.2,    | 1989.7, | 0.0);   |       |             |
| ( 389231.5, | 3808934.9, | 1088.7, | 1989.7, | 0.0); | ( 389242.6, |
| 3808913.4,  | 1082.4,    | 1989.7, | 0.0);   |       |             |
| ( 389277.4, | 3808886.7, | 1067.2, | 1989.7, | 0.0); | ( 389301.0, |
| 3808881.4,  | 1062.6,    | 1989.7, | 0.0);   |       |             |
| ( 389324.7, | 3808876.2, | 1057.0, | 1989.7, | 0.0); | ( 389348.3, |
| 3808870.9,  | 1046.9,    | 1989.7, | 0.0);   |       |             |
| ( 389371.9, | 3808865.7, | 1040.2, | 1989.7, | 0.0); | ( 389395.5, |
| 3808860.4,  | 1041.3,    | 1989.7, | 0.0);   |       |             |
| ( 389419.1, | 3808855.2, | 1046.6, | 1989.7, | 0.0); | ( 389442.8, |
| 3808849.9,  | 1050.1,    | 1989.7, | 0.0);   |       |             |
| ( 389466.4, | 3808844.6, | 1048.5, | 1989.7, | 0.0); | ( 389490.0, |
| 3808839.4,  | 1040.9,    | 1989.7, | 0.0);   |       |             |
| ( 389513.6, | 3808834.1, | 1030.6, | 1989.7, | 0.0); | ( 389537.3, |
| 3808828.9,  | 1022.9,    | 1989.7, | 0.0);   |       |             |
| ( 389560.9, | 3808823.6, | 1023.2, | 1989.7, | 0.0); | ( 389584.5, |
| 3808818.4,  | 1029.8,    | 1989.7, | 0.0);   |       |             |
| ( 389608.1, | 3808813.1, | 1033.5, | 1989.7, | 0.0); | ( 389631.8, |
| 3808807.9,  | 1031.1,    | 1989.7, | 0.0);   |       |             |
| ( 389655.4, | 3808802.6, | 1025.5, | 1989.7, | 0.0); | ( 389679.0, |
| 3808797.4,  | 1018.6,    | 1989.7, | 0.0);   |       |             |
| ( 389702.6, | 3808792.1, | 1015.9, | 1989.7, | 0.0); | ( 389726.2, |
| 3808786.8,  | 1016.8,    | 1989.7, | 0.0);   |       |             |
| ( 389749.9, | 3808781.6, | 1021.4, | 1989.7, | 0.0); | ( 389773.5, |
| 3808776.3,  | 1025.1,    | 1989.7, | 0.0);   |       |             |
| ( 389797.1, | 3808771.1, | 1026.8, | 1989.7, | 0.0); | ( 389820.7, |
| 3808765.8,  | 1027.1,    | 1989.7, | 0.0);   |       |             |
| ( 389844.4, | 3808760.6, | 1026.5, | 1989.7, | 0.0); | ( 389868.0, |
| 3808755.3,  | 1025.5,    | 1989.7, | 0.0);   |       |             |
| ( 389891.6, | 3808750.1, | 1024.0, | 1989.7, | 0.0); | ( 389915.2, |
| 3808744.8,  | 1022.9,    | 1989.7, | 0.0);   |       |             |
| ( 389938.8, | 3808739.6, | 1022.3, | 1989.7, | 0.0); | ( 389962.5, |
| 3808734.3,  | 1021.2,    | 1989.7, | 0.0);   |       |             |
| ( 389986.1, | 3808729.0, | 1024.6, | 1989.7, | 0.0); | ( 390009.7, |
| 3808723.8,  | 1031.2,    | 1989.7, | 0.0);   |       |             |
| ( 390033.3, | 3808718.5, | 1035.2, | 1989.7, | 0.0); | ( 390057.0, |
| 3808713.3,  | 1036.4,    | 1989.7, | 0.0);   |       |             |
| ( 390080.6, | 3808708.0, | 1036.6, | 1989.7, | 0.0); | ( 390104.2, |
| 3808702.8,  | 1036.0,    | 1989.7, | 0.0);   |       |             |
| ( 390127.8, | 3808697.5, | 1034.5, | 1989.7, | 0.0); | ( 390151.5, |

```

3808692.3, 1032.9, 1989.7, 0.0);
(390175.1, 3808687.0, 1032.0, 1989.7, 0.0); (390198.7,
3808681.8, 1033.9, 1989.7, 0.0);
(390222.3, 3808676.5, 1037.5, 1989.7, 0.0); (390246.0,
3808671.3, 1037.4, 1989.7, 0.0);
(390269.6, 3808666.0, 1029.1, 1989.7, 0.0); (390293.2,
3808660.8, 1016.4, 1989.7, 0.0);
(390316.8, 3808655.5, 1007.8, 1989.7, 0.0); (390340.4,
3808650.2, 1009.8, 1989.7, 0.0);
(390364.1, 3808645.0, 1018.7, 1989.7, 0.0); (390387.7,
3808639.7, 1029.1, 1989.7, 0.0);
(390411.3, 3808634.5, 1034.6, 1989.7, 0.0); (390434.9,
3808629.2, 1032.7, 1989.7, 0.0);
(390458.5, 3808624.0, 1028.7, 1989.7, 0.0); (390482.2,
3808618.7, 1026.9, 1989.7, 0.0);
(390505.8, 3808613.5, 1028.2, 1989.7, 0.0); (390529.4,
3808608.2, 1034.6, 1989.7, 0.0);
(390553.0, 3808602.9, 1040.8, 1989.7, 0.0); (390576.7,
3808597.7, 1044.0, 1989.7, 0.0);
(390600.3, 3808592.4, 1045.3, 1989.7, 0.0); (390623.9,
3808587.2, 1045.3, 1989.7, 0.0);
(390647.5, 3808581.9, 1044.0, 1989.7, 0.0); (390671.1,
3808576.7, 1042.2, 1989.7, 0.0);
(390694.8, 3808571.4, 1037.9, 1989.7, 0.0); (390718.4,
3808566.2, 1034.9, 1989.7, 0.0);
(390742.0, 3808560.9, 1037.0, 1989.7, 0.0); (390765.6,
3808555.7, 1042.6, 1989.7, 0.0);
(390789.3, 3808550.4, 1048.9, 1989.7, 0.0); (390812.9,
3808545.1, 1055.0, 1989.7, 0.0);
(390836.5, 3808539.9, 1060.5, 1989.7, 0.0); (390860.1,
3808534.6, 1066.2, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 249

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390883.8, 3808529.4, 1071.6, 1989.7, 0.0); (390907.4,
3808524.1, 1076.6, 1989.7, 0.0);
(390931.0, 3808518.9, 1077.5, 1989.7, 0.0); (390954.6,
3808513.6, 1073.3, 1989.7, 0.0);
(390978.2, 3808508.4, 1072.2, 1989.7, 0.0); (391001.9,
3808503.1, 1074.4, 1989.7, 0.0);
(391025.5, 3808497.9, 1073.3, 1989.7, 0.0); (391049.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808492.6,  | 1069.3,    | 1989.7, | 0.0);   |       |             |
| ( 391072.7, | 3808487.4, | 1067.1, | 1989.7, | 0.0); | ( 391096.4, |
| 3808482.1,  | 1067.4,    | 1989.7, | 0.0);   |       |             |
| ( 391120.0, | 3808476.8, | 1064.2, | 1989.7, | 0.0); | ( 391143.6, |
| 3808471.6,  | 1056.3,    | 1989.7, | 0.0);   |       |             |
| ( 391167.2, | 3808466.3, | 1049.8, | 1989.7, | 0.0); | ( 391190.8, |
| 3808461.1,  | 1049.9,    | 1989.7, | 0.0);   |       |             |
| ( 391214.5, | 3808455.8, | 1055.2, | 1989.7, | 0.0); | ( 391238.1, |
| 3808450.6,  | 1051.0,    | 1989.7, | 0.0);   |       |             |
| ( 391261.7, | 3808445.3, | 1044.2, | 1989.7, | 0.0); | ( 391285.3, |
| 3808440.1,  | 1041.9,    | 1989.7, | 0.0);   |       |             |
| ( 391309.0, | 3808434.8, | 1042.2, | 1989.7, | 0.0); | ( 391332.6, |
| 3808429.6,  | 1040.2,    | 1989.7, | 0.0);   |       |             |
| ( 391356.2, | 3808424.3, | 1038.2, | 1989.7, | 0.0); | ( 391379.8, |
| 3808419.0,  | 1041.5,    | 1989.7, | 0.0);   |       |             |
| ( 391403.5, | 3808413.8, | 1042.4, | 1989.7, | 0.0); | ( 391427.1, |
| 3808408.5,  | 1041.1,    | 1989.7, | 0.0);   |       |             |
| ( 391450.7, | 3808403.3, | 1044.8, | 1989.7, | 0.0); | ( 391474.3, |
| 3808398.0,  | 1054.5,    | 1989.7, | 0.0);   |       |             |
| ( 391498.0, | 3808392.8, | 1064.0, | 1989.7, | 0.0); | ( 391521.6, |
| 3808387.5,  | 1070.5,    | 1989.7, | 0.0);   |       |             |
| ( 391545.2, | 3808382.3, | 1067.4, | 1989.7, | 0.0); | ( 391568.8, |
| 3808377.0,  | 1057.0,    | 1989.7, | 0.0);   |       |             |
| ( 391592.4, | 3808371.8, | 1046.0, | 1989.7, | 0.0); | ( 391616.1, |
| 3808366.5,  | 1041.4,    | 1989.7, | 0.0);   |       |             |
| ( 391639.7, | 3808361.2, | 1043.9, | 1989.7, | 0.0); | ( 391663.3, |
| 3808356.0,  | 1048.0,    | 1989.7, | 0.0);   |       |             |
| ( 391686.9, | 3808350.8, | 1053.2, | 1989.7, | 0.0); | ( 391710.5, |
| 3808345.5,  | 1057.0,    | 1989.7, | 0.0);   |       |             |
| ( 391734.2, | 3808340.2, | 1057.7, | 1989.7, | 0.0); | ( 391757.8, |
| 3808335.0,  | 1054.5,    | 1989.7, | 0.0);   |       |             |
| ( 391781.4, | 3808329.7, | 1048.4, | 1989.7, | 0.0); | ( 391805.0, |
| 3808324.5,  | 1040.8,    | 1989.7, | 0.0);   |       |             |
| ( 391828.7, | 3808319.2, | 1031.1, | 1989.7, | 0.0); | ( 391852.3, |
| 3808314.0,  | 1020.0,    | 1989.7, | 0.0);   |       |             |
| ( 391875.9, | 3808308.7, | 1012.7, | 1989.7, | 0.0); | ( 391899.5, |
| 3808303.5,  | 1014.5,    | 1989.7, | 0.0);   |       |             |
| ( 391923.2, | 3808298.2, | 1017.4, | 1989.7, | 0.0); | ( 391946.8, |
| 3808292.9,  | 1015.0,    | 1989.7, | 0.0);   |       |             |
| ( 391970.4, | 3808287.7, | 1012.4, | 1989.7, | 0.0); | ( 391994.0, |
| 3808282.4,  | 1014.7,    | 1989.7, | 0.0);   |       |             |
| ( 392017.6, | 3808277.2, | 1023.9, | 1989.7, | 0.0); | ( 392041.3, |
| 3808271.9,  | 1035.4,    | 1989.7, | 0.0);   |       |             |
| ( 392064.9, | 3808266.7, | 1045.1, | 1989.7, | 0.0); | ( 392088.5, |
| 3808261.4,  | 1052.8,    | 1989.7, | 0.0);   |       |             |
| ( 392112.1, | 3808256.2, | 1061.5, | 1989.7, | 0.0); | ( 392135.8, |
| 3808250.9,  | 1071.0,    | 1989.7, | 0.0);   |       |             |
| ( 392159.4, | 3808245.7, | 1081.2, | 1989.7, | 0.0); | ( 392183.0, |
| 3808240.4,  | 1091.5,    | 1989.7, | 0.0);   |       |             |
| ( 392206.6, | 3808235.1, | 1101.3, | 1989.7, | 0.0); | ( 392230.2, |

```

3808229.9, 1113.5, 1989.7, 0.0);
(392253.9, 3808224.6, 1127.0, 1989.7, 0.0); (392277.5,
3808219.4, 1139.9, 1989.7, 0.0);
(392301.1, 3808214.1, 1147.0, 1989.7, 0.0); (392324.7,
3808208.9, 1150.9, 1989.7, 0.0);
(392348.4, 3808203.6, 1155.6, 1989.7, 0.0); (392372.0,
3808198.4, 1161.8, 1989.7, 0.0);
(392395.6, 3808193.1, 1168.0, 1989.7, 0.0); (392419.2,
3808187.9, 1170.7, 1989.7, 0.0);
(392442.9, 3808182.6, 1175.2, 1989.7, 0.0); (392466.5,
3808177.3, 1184.3, 1989.7, 0.0);
(392490.1, 3808172.1, 1194.9, 1989.7, 0.0); (392513.7,
3808166.8, 1208.3, 1989.7, 0.0);
(392537.3, 3808161.6, 1219.3, 1989.7, 0.0); (392561.0,
3808156.3, 1217.1, 1989.7, 0.0);
(392584.6, 3808151.1, 1222.0, 1989.7, 0.0); (392608.2,
3808145.8, 1229.8, 1989.7, 0.0);
(392631.8, 3808140.6, 1231.9, 1989.7, 0.0); (392655.5,
3808135.3, 1228.5, 1989.7, 0.0);
(392679.1, 3808130.1, 1219.5, 1989.7, 0.0); (392702.7,
3808124.8, 1206.4, 1989.7, 0.0);
(392726.3, 3808119.6, 1193.0, 1989.7, 0.0); (392750.0,
3808114.3, 1187.1, 1989.7, 0.0);
(392773.6, 3808109.0, 1192.3, 1989.7, 0.0); (392797.2,
3808103.8, 1204.9, 1989.7, 0.0);
(392820.8, 3808098.5, 1217.5, 1989.7, 0.0); (392844.4,
3808093.3, 1226.9, 1989.7, 0.0);
(392868.1, 3808088.0, 1231.8, 1989.7, 0.0); (392891.7,
3808082.8, 1236.7, 1989.7, 0.0);
(392915.3, 3808077.5, 1241.5, 1989.7, 0.0); (392938.9,
3808072.3, 1246.5, 1989.7, 0.0);
(392962.5, 3808067.0, 1252.4, 1989.7, 0.0); (392986.2,
3808061.8, 1258.7, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 250

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(393009.8, 3808056.5, 1262.9, 1989.7, 0.0); (393033.4,
3808051.2, 1267.7, 1989.7, 0.0);
(393057.0, 3808046.0, 1272.2, 1989.7, 0.0); (393080.7,
3808040.7, 1276.0, 1989.7, 0.0);
(393104.3, 3808035.5, 1280.7, 1989.7, 0.0); (393127.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808030.2,  | 1286.2,    | 1989.7, | 0.0);   |       |             |
| ( 393151.5, | 3808025.0, | 1292.9, | 1989.7, | 0.0); | ( 393175.2, |
| 3808019.7,  | 1300.6,    | 1989.7, | 0.0);   |       |             |
| ( 393198.8, | 3808014.5, | 1310.2, | 1989.7, | 0.0); | ( 393222.4, |
| 3808009.2,  | 1316.2,    | 1989.7, | 0.0);   |       |             |
| ( 393246.0, | 3808004.0, | 1321.1, | 1989.7, | 0.0); | ( 393269.6, |
| 3807998.7,  | 1326.1,    | 1989.7, | 0.0);   |       |             |
| ( 393293.3, | 3807993.5, | 1332.8, | 1989.7, | 0.0); | ( 393316.9, |
| 3807988.2,  | 1341.2,    | 1989.7, | 0.0);   |       |             |
| ( 393340.5, | 3807982.9, | 1353.9, | 1989.7, | 0.0); | ( 393364.1, |
| 3807977.7,  | 1369.1,    | 1989.7, | 0.0);   |       |             |
| ( 393387.8, | 3807972.4, | 1383.7, | 1989.7, | 0.0); | ( 393411.4, |
| 3807967.2,  | 1393.0,    | 1989.7, | 0.0);   |       |             |
| ( 393435.0, | 3807961.9, | 1393.0, | 1989.7, | 0.0); | ( 393458.6, |
| 3807956.7,  | 1388.9,    | 1989.7, | 0.0);   |       |             |
| ( 393482.2, | 3807951.4, | 1389.2, | 1989.7, | 0.0); | ( 393505.9, |
| 3807946.2,  | 1390.7,    | 1989.7, | 0.0);   |       |             |
| ( 393529.5, | 3807940.9, | 1389.3, | 1989.7, | 0.0); | ( 393553.1, |
| 3807935.7,  | 1383.5,    | 1989.7, | 0.0);   |       |             |
| ( 393576.7, | 3807930.4, | 1375.8, | 1989.7, | 0.0); | ( 393600.4, |
| 3807925.1,  | 1374.7,    | 1989.7, | 0.0);   |       |             |
| ( 393624.0, | 3807919.9, | 1384.5, | 1989.7, | 0.0); | ( 393647.6, |
| 3807914.6,  | 1399.3,    | 1989.7, | 0.0);   |       |             |
| ( 393671.2, | 3807909.4, | 1414.7, | 1989.7, | 0.0); | ( 393694.9, |
| 3807904.1,  | 1425.2,    | 1989.7, | 0.0);   |       |             |
| ( 393718.5, | 3807898.9, | 1427.6, | 1989.7, | 0.0); | ( 393742.1, |
| 3807893.6,  | 1424.5,    | 1989.7, | 0.0);   |       |             |
| ( 393765.7, | 3807888.4, | 1416.4, | 1989.7, | 0.0); | ( 393789.3, |
| 3807883.1,  | 1402.6,    | 1989.7, | 0.0);   |       |             |
| ( 393813.0, | 3807877.9, | 1386.9, | 1989.7, | 0.0); | ( 393836.6, |
| 3807872.6,  | 1371.5,    | 1989.7, | 0.0);   |       |             |
| ( 393860.2, | 3807867.3, | 1356.1, | 1989.7, | 0.0); | ( 393883.8, |
| 3807862.1,  | 1344.2,    | 1989.7, | 0.0);   |       |             |
| ( 393907.5, | 3807856.8, | 1333.3, | 1989.7, | 0.0); | ( 393931.1, |
| 3807851.6,  | 1330.1,    | 1989.7, | 0.0);   |       |             |
| ( 393954.7, | 3807846.3, | 1336.6, | 1989.7, | 0.0); | ( 393978.3, |
| 3807841.1,  | 1345.7,    | 1989.7, | 0.0);   |       |             |
| ( 394002.0, | 3807835.8, | 1356.6, | 1989.7, | 0.0); | ( 394025.6, |
| 3807830.6,  | 1369.0,    | 1989.7, | 0.0);   |       |             |
| ( 394049.2, | 3807825.3, | 1380.4, | 1989.7, | 0.0); | ( 394072.8, |
| 3807820.1,  | 1385.4,    | 1989.7, | 0.0);   |       |             |
| ( 394096.4, | 3807814.8, | 1380.1, | 1989.7, | 0.0); | ( 394120.1, |
| 3807809.6,  | 1368.5,    | 1989.7, | 0.0);   |       |             |
| ( 394143.7, | 3807804.3, | 1356.0, | 1989.7, | 0.0); | ( 394167.3, |
| 3807799.0,  | 1345.6,    | 1989.7, | 0.0);   |       |             |
| ( 394190.9, | 3807793.8, | 1333.1, | 1989.7, | 0.0); | ( 394214.6, |
| 3807788.5,  | 1316.6,    | 1989.7, | 0.0);   |       |             |
| ( 394238.2, | 3807783.3, | 1298.7, | 1989.7, | 0.0); | ( 394261.8, |
| 3807778.0,  | 1279.8,    | 1989.7, | 0.0);   |       |             |
| ( 394285.4, | 3807772.8, | 1261.0, | 1989.7, | 0.0); | ( 394309.0, |

```

3807767.5, 1244.2, 1989.7, 0.0);
(394332.7, 3807762.3, 1230.7, 1989.7, 0.0); (394356.3,
3807757.0, 1220.0, 1989.7, 0.0);
(394379.9, 3807751.8, 1209.9, 1989.7, 0.0); (394403.5,
3807746.5, 1201.8, 2003.3, 0.0);
(394427.2, 3807741.2, 1202.7, 2003.4, 0.0); (394450.8,
3807736.0, 1215.7, 1989.7, 0.0);
(394474.4, 3807730.7, 1230.9, 1989.7, 0.0); (394498.0,
3807725.5, 1245.5, 1989.7, 0.0);
(394521.6, 3807720.2, 1259.4, 1989.7, 0.0); (394545.3,
3807715.0, 1265.8, 1989.7, 0.0);
(394568.9, 3807709.7, 1263.7, 1989.7, 0.0); (394592.5,
3807704.5, 1262.0, 1989.7, 0.0);
(394616.1, 3807699.2, 1269.9, 1989.7, 0.0); (394639.8,
3807694.0, 1283.0, 1989.7, 0.0);
(394663.4, 3807688.7, 1297.6, 1989.7, 0.0); (394687.0,
3807683.4, 1311.2, 1989.7, 0.0);
(394710.6, 3807678.2, 1321.5, 1989.7, 0.0); (394734.3,
3807672.9, 1328.7, 1989.7, 0.0);
(394757.9, 3807667.7, 1338.5, 1989.7, 0.0); (394781.5,
3807662.4, 1350.5, 1989.7, 0.0);
(394805.1, 3807657.2, 1363.8, 1989.7, 0.0); (394828.8,
3807651.9, 1376.9, 1989.7, 0.0);
(394852.4, 3807646.7, 1389.1, 1989.7, 0.0); (394876.0,
3807641.4, 1402.2, 1989.7, 0.0);
(394899.6, 3807636.2, 1415.5, 1989.7, 0.0); (394923.2,
3807630.9, 1423.1, 1989.7, 0.0);
(394946.9, 3807625.7, 1426.6, 1989.7, 0.0); (394970.5,
3807620.4, 1427.0, 1989.7, 0.0);
(394994.1, 3807615.1, 1420.5, 1989.7, 0.0); (395017.7,
3807609.9, 1409.0, 1989.7, 0.0);
(395041.3, 3807604.6, 1403.8, 1989.7, 0.0); (395065.0,
3807599.4, 1411.7, 1989.7, 0.0);
(395088.6, 3807594.1, 1429.3, 1989.7, 0.0); (395112.2,
3807588.9, 1449.3, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 251

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395135.8, 3807583.6, 1467.3, 1989.7, 0.0); (395159.5,
3807578.4, 1483.6, 1989.7, 0.0);
(395183.1, 3807573.1, 1499.5, 1989.7, 0.0); (395206.7,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807567.9,  | 1514.7,    | 1989.7, | 0.0);   |       |             |
| ( 395230.3, | 3807562.6, | 1530.1, | 1830.9, | 0.0); | ( 395254.0, |
| 3807557.3,  | 1545.5,    | 1830.9, | 0.0);   |       |             |
| ( 395277.6, | 3807552.1, | 1559.4, | 1830.9, | 0.0); | ( 395301.2, |
| 3807546.8,  | 1572.3,    | 1830.9, | 0.0);   |       |             |
| ( 395324.8, | 3807541.6, | 1584.3, | 1830.9, | 0.0); | ( 395348.5, |
| 3807536.3,  | 1593.8,    | 1612.0, | 0.0);   |       |             |
| ( 395372.1, | 3807531.1, | 1599.0, | 1611.4, | 0.0); | ( 395395.7, |
| 3807525.8,  | 1597.2,    | 1611.4, | 0.0);   |       |             |
| ( 395419.3, | 3807520.6, | 1588.9, | 1830.9, | 0.0); | ( 395442.9, |
| 3807515.3,  | 1577.2,    | 1830.9, | 0.0);   |       |             |
| ( 395466.6, | 3807510.1, | 1564.9, | 1830.9, | 0.0); | ( 395490.2, |
| 3807504.8,  | 1552.3,    | 1830.9, | 0.0);   |       |             |
| ( 395513.8, | 3807499.5, | 1539.0, | 1830.9, | 0.0); | ( 395537.4, |
| 3807494.3,  | 1525.8,    | 1830.9, | 0.0);   |       |             |
| ( 395561.0, | 3807489.0, | 1512.9, | 1830.9, | 0.0); | ( 395584.7, |
| 3807483.8,  | 1500.2,    | 1989.7, | 0.0);   |       |             |
| ( 395608.3, | 3807478.5, | 1485.2, | 1989.7, | 0.0); | ( 395631.9, |
| 3807473.3,  | 1465.9,    | 1989.7, | 0.0);   |       |             |
| ( 395655.5, | 3807468.0, | 1447.2, | 1989.7, | 0.0); | ( 395679.2, |
| 3807462.8,  | 1429.6,    | 1989.7, | 0.0);   |       |             |
| ( 395702.8, | 3807457.5, | 1413.6, | 1989.7, | 0.0); | ( 395726.4, |
| 3807452.3,  | 1399.5,    | 1989.7, | 0.0);   |       |             |
| ( 395750.0, | 3807447.0, | 1388.4, | 1989.7, | 0.0); | ( 395773.6, |
| 3807441.8,  | 1385.8,    | 1989.7, | 0.0);   |       |             |
| ( 395797.3, | 3807436.5, | 1385.0, | 1989.7, | 0.0); | ( 395820.9, |
| 3807431.2,  | 1385.9,    | 1989.7, | 0.0);   |       |             |
| ( 395844.5, | 3807426.0, | 1382.9, | 1989.7, | 0.0); | ( 395868.1, |
| 3807420.7,  | 1376.8,    | 1989.7, | 0.0);   |       |             |
| ( 395891.8, | 3807415.5, | 1370.5, | 1989.7, | 0.0); | ( 395915.4, |
| 3807410.2,  | 1365.0,    | 1989.7, | 0.0);   |       |             |
| ( 395939.0, | 3807405.0, | 1358.6, | 1989.7, | 0.0); | ( 395962.6, |
| 3807399.7,  | 1353.5,    | 2003.3, | 0.0);   |       |             |
| ( 395986.3, | 3807394.5, | 1349.3, | 2009.6, | 0.0); | ( 396009.9, |
| 3807389.2,  | 1342.4,    | 2009.6, | 0.0);   |       |             |
| ( 396033.5, | 3807384.0, | 1331.1, | 2009.6, | 0.0); | ( 396057.1, |
| 3807378.7,  | 1318.3,    | 2009.6, | 0.0);   |       |             |
| ( 396080.8, | 3807373.4, | 1306.5, | 2084.1, | 0.0); | ( 396104.4, |
| 3807368.2,  | 1295.5,    | 2084.1, | 0.0);   |       |             |
| ( 396128.0, | 3807362.9, | 1285.9, | 2084.1, | 0.0); | ( 396151.6, |
| 3807357.7,  | 1274.5,    | 2084.1, | 0.0);   |       |             |
| ( 396175.2, | 3807352.4, | 1265.6, | 2167.1, | 0.0); | ( 396198.9, |
| 3807347.2,  | 1262.1,    | 2167.9, | 0.0);   |       |             |
| ( 396222.5, | 3807341.9, | 1258.6, | 2167.9, | 0.0); | ( 396246.1, |
| 3807336.7,  | 1253.3,    | 2167.9, | 0.0);   |       |             |
| ( 396269.7, | 3807331.4, | 1248.5, | 2167.9, | 0.0); | ( 396293.3, |
| 3807326.2,  | 1244.7,    | 2167.9, | 0.0);   |       |             |
| ( 396317.0, | 3807320.9, | 1241.9, | 2167.9, | 0.0); | ( 396340.6, |
| 3807315.6,  | 1243.7,    | 2167.9, | 0.0);   |       |             |
| ( 396364.2, | 3807310.4, | 1253.1, | 2167.9, | 0.0); | ( 396387.8, |

```

3807305.1, 1264.5, 2167.9, 0.0);
(396411.5, 3807299.9, 1268.2, 2167.9, 0.0); (396435.1,
3807294.6, 1265.5, 2167.9, 0.0);
(396458.7, 3807289.4, 1263.3, 2167.9, 0.0); (396482.3,
3807284.1, 1266.2, 2167.9, 0.0);
(396506.0, 3807278.9, 1275.8, 2167.9, 0.0); (396529.6,
3807273.6, 1287.4, 2167.9, 0.0);
(396553.2, 3807268.4, 1298.5, 2167.9, 0.0); (396576.8,
3807263.1, 1312.4, 2084.9, 0.0);
(396600.5, 3807257.9, 1328.2, 2084.1, 0.0); (396624.1,
3807252.6, 1344.4, 2084.1, 0.0);
(396647.7, 3807247.3, 1360.8, 2084.1, 0.0); (396671.3,
3807242.1, 1377.1, 2060.8, 0.0);
(396694.9, 3807236.8, 1393.9, 2009.6, 0.0); (396718.6,
3807231.6, 1410.3, 2009.6, 0.0);
(396742.2, 3807226.3, 1422.8, 2009.6, 0.0); (396765.8,
3807221.1, 1425.7, 2009.6, 0.0);
(385676.7, 3815787.5, 1011.2, 1101.8, 0.0); (385675.7,
3815811.7, 1014.5, 1101.8, 0.0);
(385674.7, 3815835.9, 1016.6, 1101.8, 0.0); (385673.6,
3815860.1, 1017.6, 1101.8, 0.0);
(385672.6, 3815884.3, 1017.8, 1101.8, 0.0); (385671.6,
3815908.6, 1019.4, 1095.2, 0.0);
(385670.6, 3815932.8, 1017.5, 1101.8, 0.0); (384355.7,
3815710.3, 921.9, 1104.6, 0.0);
(384366.8, 3815688.8, 929.6, 1104.6, 0.0); (384377.9,
3815667.4, 936.8, 1104.6, 0.0);
(384389.0, 3815645.9, 944.0, 1104.6, 0.0); (384400.2,
3815624.5, 952.1, 975.4, 0.0);
(384411.3, 3815603.0, 958.9, 974.8, 0.0); (384422.5,
3815581.5, 962.1, 973.9, 0.0);
(384433.6, 3815560.1, 958.2, 975.4, 0.0); (384444.7,
3815538.6, 948.8, 975.4, 0.0);
(384455.8, 3815517.2, 938.8, 1048.8, 0.0); (384467.0,
3815495.7, 929.7, 1048.8, 0.0);
(384478.1, 3815474.3, 925.3, 1048.8, 0.0); (384489.2,
3815452.8, 923.0, 1048.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 252

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(384500.4, 3815431.3, 923.5, 1048.8, 0.0); (384511.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815409.9,  | 923.9,     | 1048.8, | 0.0);   |       |             |
| ( 384522.6, | 3815388.4, | 918.4,  | 1048.8, | 0.0); | ( 384533.8, |
| 3815367.0,  | 909.4,     | 1104.6, | 0.0);   |       |             |
| ( 384544.9, | 3815345.5, | 901.8,  | 1104.6, | 0.0); | ( 384556.0, |
| 3815324.0,  | 902.8,     | 1104.6, | 0.0);   |       |             |
| ( 384567.2, | 3815302.6, | 906.5,  | 1101.8, | 0.0); | ( 384578.3, |
| 3815281.1,  | 907.0,     | 1101.8, | 0.0);   |       |             |
| ( 384589.4, | 3815259.7, | 903.1,  | 1101.8, | 0.0); | ( 384600.5, |
| 3815238.2,  | 897.1,     | 1104.6, | 0.0);   |       |             |
| ( 384611.7, | 3815216.8, | 889.4,  | 1104.6, | 0.0); | ( 384622.8, |
| 3815195.3,  | 882.6,     | 1255.1, | 0.0);   |       |             |
| ( 384634.0, | 3815173.8, | 878.5,  | 1255.1, | 0.0); | ( 384645.1, |
| 3815152.4,  | 878.7,     | 1255.1, | 0.0);   |       |             |
| ( 384656.2, | 3815130.9, | 881.3,  | 1255.1, | 0.0); | ( 384667.3, |
| 3815109.5,  | 880.4,     | 1255.1, | 0.0);   |       |             |
| ( 384678.5, | 3815088.0, | 875.4,  | 1255.1, | 0.0); | ( 384689.6, |
| 3815066.5,  | 868.2,     | 1255.1, | 0.0);   |       |             |
| ( 384700.7, | 3815045.1, | 862.2,  | 1255.1, | 0.0); | ( 384711.9, |
| 3815023.6,  | 858.0,     | 1255.1, | 0.0);   |       |             |
| ( 384723.0, | 3815002.2, | 854.1,  | 1255.1, | 0.0); | ( 384734.1, |
| 3814980.7,  | 849.5,     | 1255.1, | 0.0);   |       |             |
| ( 384745.3, | 3814959.2, | 844.5,  | 1255.1, | 0.0); | ( 384756.4, |
| 3814937.8,  | 840.5,     | 1255.1, | 0.0);   |       |             |
| ( 384767.5, | 3814916.3, | 837.6,  | 1255.1, | 0.0); | ( 384778.7, |
| 3814894.9,  | 834.6,     | 1255.1, | 0.0);   |       |             |
| ( 384789.8, | 3814873.4, | 830.8,  | 1255.1, | 0.0); | ( 384800.9, |
| 3814852.0,  | 829.9,     | 1255.1, | 0.0);   |       |             |
| ( 384812.1, | 3814830.5, | 832.1,  | 1255.1, | 0.0); | ( 384823.2, |
| 3814809.0,  | 834.7,     | 1255.1, | 0.0);   |       |             |
| ( 384834.3, | 3814787.6, | 835.9,  | 1255.1, | 0.0); | ( 384845.5, |
| 3814766.1,  | 840.1,     | 1255.1, | 0.0);   |       |             |
| ( 384856.6, | 3814744.7, | 845.8,  | 1255.1, | 0.0); | ( 384867.7, |
| 3814723.2,  | 853.1,     | 1255.1, | 0.0);   |       |             |
| ( 384878.8, | 3814701.8, | 861.5,  | 1255.1, | 0.0); | ( 384890.0, |
| 3814680.3,  | 868.2,     | 1255.1, | 0.0);   |       |             |
| ( 384901.1, | 3814658.8, | 872.2,  | 1255.1, | 0.0); | ( 384912.2, |
| 3814637.4,  | 870.1,     | 1255.1, | 0.0);   |       |             |
| ( 384923.4, | 3814615.9, | 867.5,  | 1255.1, | 0.0); | ( 384934.5, |
| 3814594.4,  | 865.1,     | 1255.1, | 0.0);   |       |             |
| ( 384945.6, | 3814573.0, | 862.5,  | 1255.1, | 0.0); | ( 384956.8, |
| 3814551.5,  | 858.2,     | 1255.1, | 0.0);   |       |             |
| ( 384967.9, | 3814530.1, | 852.5,  | 1255.1, | 0.0); | ( 384979.0, |
| 3814508.6,  | 846.4,     | 1937.2, | 0.0);   |       |             |
| ( 384990.2, | 3814487.2, | 845.8,  | 1937.2, | 0.0); | ( 385001.3, |
| 3814465.7,  | 848.2,     | 1937.2, | 0.0);   |       |             |
| ( 385012.4, | 3814444.2, | 851.3,  | 1937.2, | 0.0); | ( 385023.6, |
| 3814422.8,  | 853.8,     | 1937.2, | 0.0);   |       |             |
| ( 385034.7, | 3814401.3, | 856.1,  | 1937.2, | 0.0); | ( 385045.8, |
| 3814379.9,  | 857.7,     | 1937.2, | 0.0);   |       |             |
| ( 385057.0, | 3814358.4, | 858.1,  | 1937.2, | 0.0); | ( 385068.1, |

```

3814336.9, 853.8, 1937.2, 0.0);
(385079.2, 3814315.5, 847.9, 1956.1, 0.0); (385090.3,
3814294.0, 842.3, 1979.6, 0.0);
(385101.5, 3814272.6, 837.2, 1980.1, 0.0); (385112.6,
3814251.1, 834.6, 1980.1, 0.0);
(385123.7, 3814229.7, 831.9, 1980.1, 0.0); (385134.9,
3814208.2, 831.1, 1980.1, 0.0);
(385146.0, 3814186.7, 833.1, 1980.1, 0.0); (385157.1,
3814165.3, 838.2, 1980.1, 0.0);
(385168.3, 3814143.8, 845.0, 1980.1, 0.0); (385179.4,
3814122.4, 852.7, 1980.1, 0.0);
(385190.5, 3814100.9, 861.5, 1979.8, 0.0); (385201.7,
3814079.4, 869.1, 1956.1, 0.0);
(385212.8, 3814058.0, 873.9, 1956.1, 0.0); (385223.9,
3814036.5, 875.2, 1956.1, 0.0);
(385235.1, 3814015.1, 872.8, 1979.8, 0.0); (385246.2,
3813993.6, 870.2, 1980.1, 0.0);
(385257.3, 3813972.1, 868.6, 1980.1, 0.0); (385268.5,
3813950.7, 871.6, 1980.1, 0.0);
(385279.6, 3813929.2, 880.7, 1979.8, 0.0); (385290.7,
3813907.8, 890.7, 1956.1, 0.0);
(385301.8, 3813886.3, 900.7, 1955.9, 0.0); (385313.0,
3813864.9, 906.6, 1937.2, 0.0);
(385324.1, 3813843.4, 906.9, 1937.2, 0.0); (385335.2,
3813821.9, 901.0, 1956.1, 0.0);
(385346.4, 3813800.5, 892.9, 1980.1, 0.0); (385357.5,
3813779.0, 884.9, 1980.1, 0.0);
(385368.6, 3813757.6, 876.4, 1981.6, 0.0); (385379.8,
3813736.1, 867.9, 1989.7, 0.0);
(385390.9, 3813714.6, 861.6, 1989.7, 0.0); (385402.0,
3813693.2, 855.9, 1989.7, 0.0);
(385413.2, 3813671.7, 852.1, 1989.7, 0.0); (385424.3,
3813650.3, 849.2, 1989.7, 0.0);
(385435.4, 3813628.8, 846.8, 1989.7, 0.0); (385446.6,
3813607.4, 844.0, 1989.7, 0.0);
(385457.7, 3813585.9, 840.2, 1989.7, 0.0); (385468.8,
3813564.4, 834.9, 1989.7, 0.0);
(385480.0, 3813543.0, 829.2, 1989.7, 0.0); (385491.1,
3813521.5, 824.9, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 253

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                       |       |             |
|---------------------------------------|-------|-------------|
| ( 385502.2, 3813500.1, 822.3, 1989.7, | 0.0); | ( 385513.3, |
| 3813478.6, 819.9, 1989.7, 0.0);       |       |             |
| ( 385524.5, 3813457.1, 817.0, 1989.7, | 0.0); | ( 385535.6, |
| 3813435.7, 813.4, 1989.7, 0.0);       |       |             |
| ( 385546.8, 3813414.2, 808.7, 1989.7, | 0.0); | ( 385557.9, |
| 3813392.8, 802.0, 1989.7, 0.0);       |       |             |
| ( 385569.0, 3813371.3, 796.5, 1989.7, | 0.0); | ( 385580.1, |
| 3813349.8, 795.7, 1989.7, 0.0);       |       |             |
| ( 385591.3, 3813328.4, 799.8, 1989.7, | 0.0); | ( 385602.4, |
| 3813306.9, 806.0, 1989.7, 0.0);       |       |             |
| ( 385613.5, 3813285.5, 810.9, 1989.7, | 0.0); | ( 385624.7, |
| 3813264.0, 812.0, 1989.7, 0.0);       |       |             |
| ( 385635.8, 3813242.6, 804.8, 1989.7, | 0.0); | ( 385646.9, |
| 3813221.1, 796.6, 1989.7, 0.0);       |       |             |
| ( 385658.1, 3813199.6, 791.0, 1989.7, | 0.0); | ( 385669.2, |
| 3813178.2, 789.1, 1989.7, 0.0);       |       |             |
| ( 385680.3, 3813156.7, 791.4, 1989.7, | 0.0); | ( 385691.5, |
| 3813135.3, 798.0, 1989.7, 0.0);       |       |             |
| ( 385702.6, 3813113.8, 805.5, 1989.7, | 0.0); | ( 385713.7, |
| 3813092.3, 809.0, 1989.7, 0.0);       |       |             |
| ( 385724.9, 3813070.9, 811.2, 1989.7, | 0.0); | ( 385736.0, |
| 3813049.4, 813.1, 1989.7, 0.0);       |       |             |
| ( 385747.1, 3813028.0, 819.3, 1989.7, | 0.0); | ( 385758.2, |
| 3813006.5, 823.7, 1989.7, 0.0);       |       |             |
| ( 385769.4, 3812985.1, 826.2, 1989.7, | 0.0); | ( 385780.5, |
| 3812963.6, 825.2, 1989.7, 0.0);       |       |             |
| ( 385791.6, 3812942.1, 822.0, 1989.7, | 0.0); | ( 385802.8, |
| 3812920.7, 817.5, 1989.7, 0.0);       |       |             |
| ( 385813.9, 3812899.2, 812.3, 1989.7, | 0.0); | ( 385825.0, |
| 3812877.8, 808.2, 1989.7, 0.0);       |       |             |
| ( 385836.2, 3812856.3, 807.0, 1989.7, | 0.0); | ( 385847.3, |
| 3812834.8, 811.4, 1989.7, 0.0);       |       |             |
| ( 385858.4, 3812813.4, 815.2, 1989.7, | 0.0); | ( 385869.6, |
| 3812791.9, 817.8, 1989.7, 0.0);       |       |             |
| ( 385880.7, 3812770.5, 820.9, 1989.7, | 0.0); | ( 385891.8, |
| 3812749.0, 826.7, 1989.7, 0.0);       |       |             |
| ( 385903.0, 3812727.6, 830.2, 1989.7, | 0.0); | ( 385914.1, |
| 3812706.1, 832.4, 1989.7, 0.0);       |       |             |
| ( 385925.2, 3812684.6, 834.1, 1989.7, | 0.0); | ( 385936.4, |
| 3812663.2, 836.0, 1989.7, 0.0);       |       |             |
| ( 385947.5, 3812641.7, 841.6, 1989.7, | 0.0); | ( 385958.6, |
| 3812620.3, 848.8, 1989.7, 0.0);       |       |             |
| ( 385969.8, 3812598.8, 856.4, 1989.7, | 0.0); | ( 385980.9, |
| 3812577.3, 862.9, 1989.7, 0.0);       |       |             |
| ( 385992.0, 3812555.9, 867.0, 1989.7, | 0.0); | ( 386003.1, |
| 3812534.4, 868.7, 1989.7, 0.0);       |       |             |
| ( 386014.3, 3812513.0, 870.6, 1989.7, | 0.0); | ( 386025.4, |
| 3812491.5, 876.0, 1989.7, 0.0);       |       |             |
| ( 386036.5, 3812470.0, 885.5, 1989.7, | 0.0); | ( 386047.7, |

```

3812448.6, 896.6, 1989.7, 0.0);
 (386058.8, 3812427.1, 908.4, 1989.7, 0.0); (386069.9,
3812405.7, 913.2, 1989.7, 0.0);
 (386081.1, 3812384.2, 910.9, 1989.7, 0.0); (386092.2,
3812362.8, 903.0, 1989.7, 0.0);
 (386103.3, 3812341.3, 891.7, 1989.7, 0.0); (386114.5,
3812319.8, 888.4, 1989.7, 0.0);
 (386125.6, 3812298.4, 889.5, 1989.7, 0.0); (386136.7,
3812276.9, 890.2, 1989.7, 0.0);
 (386147.9, 3812255.5, 890.8, 1989.7, 0.0); (386159.0,
3812234.0, 891.0, 1989.7, 0.0);
 (386170.1, 3812212.5, 889.2, 1989.7, 0.0); (386181.2,
3812191.1, 889.7, 1989.7, 0.0);
 (386192.4, 3812169.6, 891.8, 1989.7, 0.0); (386203.5,
3812148.2, 894.4, 1989.7, 0.0);
 (386214.6, 3812126.7, 901.9, 1989.7, 0.0); (386225.8,
3812105.3, 911.1, 1989.7, 0.0);
 (386236.9, 3812083.8, 919.5, 1989.7, 0.0); (386248.0,
3812062.3, 923.1, 1989.7, 0.0);
 (386259.2, 3812040.9, 916.4, 1989.7, 0.0); (386270.3,
3812019.4, 905.6, 1989.7, 0.0);
 (386281.4, 3811998.0, 893.3, 1989.7, 0.0); (386292.6,
3811976.5, 878.4, 1989.7, 0.0);
 (386303.7, 3811955.0, 863.7, 1989.7, 0.0); (386314.8,
3811933.6, 848.8, 1989.7, 0.0);
 (386326.0, 3811912.1, 835.0, 1989.7, 0.0); (386337.1,
3811890.7, 821.8, 1989.7, 0.0);
 (386348.2, 3811869.2, 810.0, 1989.7, 0.0); (386359.4,
3811847.8, 799.4, 1989.7, 0.0);
 (386370.5, 3811826.3, 791.1, 1989.7, 0.0); (386381.6,
3811804.8, 786.6, 1989.7, 0.0);
 (386392.8, 3811783.4, 787.6, 1989.7, 0.0); (386403.9,
3811761.9, 788.9, 1989.7, 0.0);
 (386415.0, 3811740.5, 791.6, 1989.7, 0.0); (386426.1,
3811719.0, 795.0, 1989.7, 0.0);
 (386437.3, 3811697.5, 795.5, 1989.7, 0.0); (386448.4,
3811676.1, 792.1, 1989.7, 0.0);
 (386459.5, 3811654.6, 787.3, 1989.7, 0.0); (386470.7,
3811633.2, 783.2, 1989.7, 0.0);
 (386481.8, 3811611.7, 779.8, 1989.7, 0.0); (386492.9,
3811590.2, 777.9, 1989.7, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 254

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| ( 386504.1, 3811568.8, 777.1, 1989.7, 0.0); | ( 386515.2, 3811547.3, 775.3, 1989.7, 0.0); |
| ( 386526.3, 3811525.9, 773.6, 1989.7, 0.0); | ( 386537.5, 3811504.4, 771.1, 1989.7, 0.0); |
| ( 386548.6, 3811483.0, 767.4, 1989.7, 0.0); | ( 386559.7, 3811461.5, 760.7, 1989.7, 0.0); |
| ( 386570.9, 3811440.0, 752.4, 1989.7, 0.0); | ( 386582.0, 3811418.6, 746.5, 1989.7, 0.0); |
| ( 386593.1, 3811397.1, 744.1, 1989.7, 0.0); | ( 386604.3, 3811375.7, 743.7, 1989.7, 0.0); |
| ( 386615.4, 3811354.2, 743.2, 1989.7, 0.0); | ( 386626.5, 3811332.8, 742.3, 1989.7, 0.0); |
| ( 386637.6, 3811311.3, 741.1, 1989.7, 0.0); | ( 386648.8, 3811289.8, 740.0, 1989.7, 0.0); |
| ( 386659.9, 3811268.4, 738.9, 1989.7, 0.0); | ( 386671.0, 3811246.9, 738.0, 1989.7, 0.0); |
| ( 386682.2, 3811225.4, 736.8, 1989.7, 0.0); | ( 386693.3, 3811204.0, 735.0, 1989.7, 0.0); |
| ( 386704.4, 3811182.5, 733.9, 1989.7, 0.0); | ( 386715.6, 3811161.1, 734.3, 1989.7, 0.0); |
| ( 386726.7, 3811139.6, 735.0, 1989.7, 0.0); | ( 386737.8, 3811118.2, 737.2, 1989.7, 0.0); |
| ( 386749.0, 3811096.7, 740.3, 1989.7, 0.0); | ( 386760.1, 3811075.2, 741.4, 1989.7, 0.0); |
| ( 386771.2, 3811053.8, 742.1, 1989.7, 0.0); | ( 386782.4, 3811032.3, 742.7, 1989.7, 0.0); |
| ( 386793.5, 3811010.9, 744.2, 1989.7, 0.0); | ( 386804.6, 3810989.4, 746.0, 1989.7, 0.0); |
| ( 386815.8, 3810967.9, 748.2, 1989.7, 0.0); | ( 386826.9, 3810946.5, 748.9, 1989.7, 0.0); |
| ( 386838.0, 3810925.0, 751.3, 1989.7, 0.0); | ( 386849.2, 3810903.6, 753.3, 1989.7, 0.0); |
| ( 386860.3, 3810882.1, 755.7, 1989.7, 0.0); | ( 386871.4, 3810860.7, 756.9, 1989.7, 0.0); |
| ( 386882.5, 3810839.2, 756.5, 1989.7, 0.0); | ( 386893.7, 3810817.7, 755.8, 1989.7, 0.0); |
| ( 386904.8, 3810796.3, 755.8, 1989.7, 0.0); | ( 386916.0, 3810774.8, 757.1, 1989.7, 0.0); |
| ( 386927.1, 3810753.4, 758.8, 1989.7, 0.0); | ( 386938.2, 3810731.9, 759.6, 1989.7, 0.0); |
| ( 386949.3, 3810710.4, 762.3, 1989.7, 0.0); | ( 386960.5, 3810689.0, 765.4, 1989.7, 0.0); |
| ( 386971.6, 3810667.5, 768.6, 1989.7, 0.0); | ( 386982.7, 3810646.1, 768.3, 1989.7, 0.0); |
| ( 386993.9, 3810624.6, 767.2, 1989.7, 0.0); | ( 387005.0, 3810603.1, 767.2, 1989.7, 0.0); |
| ( 387016.1, 3810581.7, 768.0, 1989.7, 0.0); | ( 387027.3, 3810548.8, 768.0, 1989.7, 0.0); |

3810560.2, 769.2, 1989.7, 0.0);  
 ( 387038.4, 3810538.8, 771.2, 1989.7, 0.0); ( 387049.5,  
 3810517.3, 772.4, 1989.7, 0.0);  
 ( 387060.7, 3810495.9, 774.8, 1989.7, 0.0); ( 387071.8,  
 3810474.4, 776.8, 1989.7, 0.0);  
 ( 387082.9, 3810452.9, 780.6, 1989.7, 0.0); ( 387094.0,  
 3810431.5, 783.9, 1989.7, 0.0);  
 ( 387105.2, 3810410.0, 785.8, 1989.7, 0.0); ( 387116.3,  
 3810388.6, 785.5, 1989.7, 0.0);  
 ( 387127.5, 3810367.1, 784.9, 1989.7, 0.0); ( 387138.6,  
 3810345.6, 784.9, 1989.7, 0.0);  
 ( 387149.7, 3810324.2, 786.1, 1989.7, 0.0); ( 387160.8,  
 3810302.7, 788.9, 1989.7, 0.0);  
 ( 387172.0, 3810281.3, 791.6, 1989.7, 0.0); ( 387183.1,  
 3810259.8, 799.6, 1989.7, 0.0);  
 ( 387194.2, 3810238.4, 808.0, 1989.7, 0.0); ( 387205.4,  
 3810216.9, 813.6, 1989.7, 0.0);  
 ( 387216.5, 3810195.4, 816.3, 1989.7, 0.0); ( 387227.6,  
 3810174.0, 814.9, 1989.7, 0.0);  
 ( 387238.8, 3810152.5, 812.4, 1989.7, 0.0); ( 387249.9,  
 3810131.1, 810.3, 1989.7, 0.0);  
 ( 387261.0, 3810109.6, 811.2, 1989.7, 0.0); ( 387272.2,  
 3810088.1, 814.6, 1989.7, 0.0);  
 ( 387283.3, 3810066.7, 817.4, 1989.7, 0.0); ( 387294.4,  
 3810045.2, 819.2, 1989.7, 0.0);  
 ( 387305.6, 3810023.8, 819.7, 1989.7, 0.0); ( 387316.7,  
 3810002.3, 819.4, 1989.7, 0.0);  
 ( 387327.8, 3809980.8, 819.4, 1989.7, 0.0); ( 387339.0,  
 3809959.4, 820.6, 1989.7, 0.0);  
 ( 387350.1, 3809937.9, 822.4, 1989.7, 0.0); ( 387361.2,  
 3809916.5, 825.1, 1989.7, 0.0);  
 ( 387372.3, 3809895.0, 828.8, 1989.7, 0.0); ( 387383.5,  
 3809873.6, 830.4, 1989.7, 0.0);  
 ( 387394.6, 3809852.1, 830.2, 1989.7, 0.0); ( 387405.7,  
 3809830.6, 833.4, 1989.7, 0.0);  
 ( 387416.9, 3809809.2, 839.2, 1989.7, 0.0); ( 387428.0,  
 3809787.7, 846.1, 1989.7, 0.0);  
 ( 387439.1, 3809766.3, 855.3, 1989.7, 0.0); ( 387450.3,  
 3809744.8, 867.3, 1989.7, 0.0);  
 ( 387461.4, 3809723.3, 877.0, 1989.7, 0.0); ( 387472.5,  
 3809701.9, 882.2, 1989.7, 0.0);  
 ( 387483.7, 3809680.4, 883.5, 1989.7, 0.0); ( 387494.8,  
 3809659.0, 885.6, 1989.7, 0.0);

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 387505.9, 3809637.5, 886.5, 1989.7, 0.0);  | ( 387517.1, |
| 3809616.1, 885.3, 1989.7, 0.0);              |             |
| ( 387528.2, 3809594.6, 887.1, 1989.7, 0.0);  | ( 387539.3, |
| 3809573.1, 892.0, 1989.7, 0.0);              |             |
| ( 387550.5, 3809551.7, 899.3, 1989.7, 0.0);  | ( 387561.6, |
| 3809530.2, 903.7, 1989.7, 0.0);              |             |
| ( 387572.7, 3809508.8, 906.0, 1989.7, 0.0);  | ( 387583.8, |
| 3809487.3, 910.6, 1989.7, 0.0);              |             |
| ( 387595.0, 3809465.8, 916.7, 1989.7, 0.0);  | ( 387606.1, |
| 3809444.4, 923.2, 1989.7, 0.0);              |             |
| ( 387617.2, 3809422.9, 931.0, 1989.7, 0.0);  | ( 387628.4, |
| 3809401.5, 939.4, 1989.7, 0.0);              |             |
| ( 387639.5, 3809380.0, 950.6, 1989.7, 0.0);  | ( 387650.6, |
| 3809358.6, 963.3, 1989.7, 0.0);              |             |
| ( 387661.8, 3809337.1, 974.7, 1989.7, 0.0);  | ( 387672.9, |
| 3809315.6, 980.2, 1989.7, 0.0);              |             |
| ( 387684.0, 3809294.2, 977.2, 1989.7, 0.0);  | ( 387695.2, |
| 3809272.7, 968.7, 1989.7, 0.0);              |             |
| ( 387706.3, 3809251.3, 964.6, 1989.7, 0.0);  | ( 387717.4, |
| 3809229.8, 965.8, 1989.7, 0.0);              |             |
| ( 387728.6, 3809208.3, 975.6, 1989.7, 0.0);  | ( 387739.7, |
| 3809186.9, 986.7, 1989.7, 0.0);              |             |
| ( 387750.8, 3809165.4, 991.2, 1989.7, 0.0);  | ( 387762.0, |
| 3809144.0, 983.7, 1989.7, 0.0);              |             |
| ( 387773.1, 3809122.5, 978.7, 1989.7, 0.0);  | ( 387784.2, |
| 3809101.0, 983.9, 1989.7, 0.0);              |             |
| ( 387795.3, 3809079.6, 988.5, 1989.7, 0.0);  | ( 387806.5, |
| 3809058.1, 980.8, 1989.7, 0.0);              |             |
| ( 387817.6, 3809036.7, 971.8, 1989.7, 0.0);  | ( 387828.7, |
| 3809015.2, 970.6, 1989.7, 0.0);              |             |
| ( 387839.9, 3808993.8, 979.4, 1989.7, 0.0);  | ( 387851.0, |
| 3808972.3, 988.8, 1989.7, 0.0);              |             |
| ( 387862.1, 3808950.8, 994.8, 1989.7, 0.0);  | ( 387873.3, |
| 3808929.4, 989.5, 1989.7, 0.0);              |             |
| ( 387884.4, 3808907.9, 981.3, 1989.7, 0.0);  | ( 387895.5, |
| 3808886.5, 975.1, 1989.7, 0.0);              |             |
| ( 387906.7, 3808865.0, 969.3, 1989.7, 0.0);  | ( 387917.8, |
| 3808843.5, 974.3, 1989.7, 0.0);              |             |
| ( 387928.9, 3808822.1, 983.4, 1989.7, 0.0);  | ( 387940.1, |
| 3808800.6, 997.2, 1989.7, 0.0);              |             |
| ( 387951.2, 3808779.2, 1007.2, 1989.7, 0.0); | ( 387962.3, |
| 3808757.7, 1009.0, 1989.7, 0.0);             |             |
| ( 387973.5, 3808736.3, 1007.3, 1989.7, 0.0); | ( 387984.6, |
| 3808714.8, 1010.0, 1989.7, 0.0);             |             |
| ( 387995.7, 3808693.3, 1015.0, 1989.7, 0.0); | ( 388006.8, |

```

3808671.9, 1023.2, 1989.7, 0.0);
(388018.0, 3808650.4, 1033.4, 1989.7, 0.0); (388029.1,
3808629.0, 1040.3, 1989.7, 0.0);
(388040.2, 3808607.5, 1045.0, 1989.7, 0.0); (388051.4,
3808586.0, 1045.1, 1989.7, 0.0);
(388062.5, 3808564.6, 1044.5, 1989.7, 0.0); (388073.6,
3808543.1, 1048.1, 1989.7, 0.0);
(388084.8, 3808521.7, 1054.0, 1989.7, 0.0); (388095.9,
3808500.2, 1057.7, 1989.7, 0.0);
(388107.0, 3808478.8, 1055.4, 1989.7, 0.0); (388118.2,
3808457.3, 1045.4, 1989.7, 0.0);
(388129.3, 3808435.8, 1032.7, 1989.7, 0.0); (388140.4,
3808414.4, 1024.4, 1989.7, 0.0);
(388151.6, 3808392.9, 1017.3, 1989.7, 0.0); (388162.7,
3808371.5, 1011.0, 1989.7, 0.0);
(388173.8, 3808350.0, 1004.3, 1989.7, 0.0); (388185.0,
3808328.5, 1001.0, 1989.7, 0.0);
(388196.1, 3808307.1, 1004.3, 1989.7, 0.0); (388207.2,
3808285.6, 1002.3, 1989.7, 0.0);
(388218.3, 3808264.2, 998.3, 1989.7, 0.0); (388229.5,
3808242.7, 997.4, 1989.7, 0.0);
(388240.6, 3808221.2, 1003.1, 1989.7, 0.0); (388251.8,
3808199.8, 1008.9, 1989.7, 0.0);
(388262.9, 3808178.3, 1012.9, 1989.7, 0.0); (388274.0,
3808156.9, 1010.1, 1989.7, 0.0);
(388285.1, 3808135.4, 1006.3, 1989.7, 0.0); (388296.3,
3808114.0, 1004.4, 1989.7, 0.0);
(388307.4, 3808092.5, 1000.7, 1989.7, 0.0); (388318.5,
3808071.0, 1002.1, 1989.7, 0.0);
(388329.7, 3808049.6, 1006.9, 1989.7, 0.0); (388340.8,
3808028.1, 1009.4, 1989.7, 0.0);
(388351.9, 3808006.7, 1006.7, 1989.7, 0.0); (388363.1,
3807985.2, 1005.0, 1989.7, 0.0);
(388374.2, 3807963.8, 1006.8, 1989.7, 0.0); (388385.3,
3807942.3, 1014.3, 1989.7, 0.0);
(388396.5, 3807920.8, 1021.9, 1989.7, 0.0); (388407.6,
3807899.4, 1034.4, 1989.7, 0.0);
(388418.7, 3807877.9, 1045.1, 1989.7, 0.0); (388429.9,
3807856.4, 1054.0, 1989.7, 0.0);
(388464.6, 3807829.8, 1067.3, 1989.7, 0.0); (388488.2,
3807824.5, 1067.7, 1989.7, 0.0);
(388511.8, 3807819.2, 1065.5, 1989.7, 0.0); (388535.4,
3807814.0, 1063.4, 1989.7, 0.0);
(388559.0, 3807808.8, 1060.9, 1989.7, 0.0); (388582.6,
3807803.5, 1061.5, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 388606.2, 3807798.2, 1067.5, 1989.7, 0.0); | ( 388629.8, |
| 3807793.0, 1077.0, 1989.7, 0.0);             |             |
| ( 388653.4, 3807787.8, 1089.3, 1989.7, 0.0); | ( 388677.0, |
| 3807782.5, 1100.6, 1989.7, 0.0);             |             |
| ( 388700.6, 3807777.3, 1109.6, 1989.7, 0.0); | ( 388724.2, |
| 3807772.0, 1113.5, 1989.7, 0.0);             |             |
| ( 388747.8, 3807766.8, 1117.9, 1989.7, 0.0); | ( 388771.3, |
| 3807761.5, 1119.7, 1989.7, 0.0);             |             |
| ( 388795.0, 3807756.3, 1126.9, 1989.7, 0.0); | ( 388818.5, |
| 3807751.0, 1139.7, 1989.7, 0.0);             |             |
| ( 388842.1, 3807745.8, 1153.9, 1989.7, 0.0); | ( 388865.7, |
| 3807740.5, 1165.7, 1989.7, 0.0);             |             |
| ( 388889.3, 3807735.3, 1169.7, 1989.7, 0.0); | ( 388912.9, |
| 3807730.0, 1164.3, 1989.7, 0.0);             |             |
| ( 388936.5, 3807724.8, 1153.5, 1989.7, 0.0); | ( 388960.1, |
| 3807719.5, 1143.8, 1989.7, 0.0);             |             |
| ( 388983.7, 3807714.3, 1137.3, 1989.7, 0.0); | ( 389007.3, |
| 3807709.0, 1130.1, 1989.7, 0.0);             |             |
| ( 389030.9, 3807703.8, 1118.8, 1989.7, 0.0); | ( 389054.5, |
| 3807698.5, 1111.9, 1989.7, 0.0);             |             |
| ( 389078.1, 3807693.3, 1113.9, 1989.7, 0.0); | ( 389101.7, |
| 3807688.0, 1118.7, 1989.7, 0.0);             |             |
| ( 389125.3, 3807682.8, 1120.3, 1989.7, 0.0); | ( 389148.9, |
| 3807677.5, 1126.2, 1989.7, 0.0);             |             |
| ( 389172.5, 3807672.3, 1134.7, 1989.7, 0.0); | ( 389196.1, |
| 3807667.0, 1142.4, 1989.7, 0.0);             |             |
| ( 389219.7, 3807661.8, 1144.3, 1989.7, 0.0); | ( 389243.3, |
| 3807656.5, 1139.0, 1989.7, 0.0);             |             |
| ( 389266.9, 3807651.3, 1132.6, 1989.7, 0.0); | ( 389290.5, |
| 3807646.0, 1129.6, 1989.7, 0.0);             |             |
| ( 389314.1, 3807640.8, 1131.4, 1989.7, 0.0); | ( 389337.7, |
| 3807635.5, 1136.1, 1989.7, 0.0);             |             |
| ( 389361.3, 3807630.3, 1142.5, 1989.7, 0.0); | ( 389384.9, |
| 3807625.0, 1152.3, 1989.7, 0.0);             |             |
| ( 389408.5, 3807619.8, 1161.1, 1989.7, 0.0); | ( 389432.1, |
| 3807614.5, 1168.8, 1989.7, 0.0);             |             |
| ( 389455.7, 3807609.3, 1177.5, 1989.7, 0.0); | ( 389479.3, |
| 3807604.0, 1185.7, 1989.7, 0.0);             |             |
| ( 389502.9, 3807598.8, 1189.6, 1989.7, 0.0); | ( 389526.5, |
| 3807593.6, 1187.4, 1989.7, 0.0);             |             |
| ( 389550.1, 3807588.3, 1179.1, 1989.7, 0.0); | ( 389573.7, |
| 3807583.1, 1167.6, 1989.7, 0.0);             |             |
| ( 389597.3, 3807577.8, 1156.6, 1989.7, 0.0); | ( 389620.9, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807572.6,  | 1146.8,    | 1989.7, | 0.0);   |       |             |
| ( 389644.5, | 3807567.3, | 1143.7, | 1989.7, | 0.0); | ( 389668.0, |
| 3807562.1,  | 1150.7,    | 1989.7, | 0.0);   |       |             |
| ( 389691.6, | 3807556.8, | 1152.4, | 1989.7, | 0.0); | ( 389715.2, |
| 3807551.6,  | 1154.0,    | 1989.7, | 0.0);   |       |             |
| ( 389738.8, | 3807546.3, | 1163.4, | 1989.7, | 0.0); | ( 389762.4, |
| 3807541.1,  | 1172.6,    | 1989.7, | 0.0);   |       |             |
| ( 389786.0, | 3807535.8, | 1177.9, | 1989.7, | 0.0); | ( 389809.6, |
| 3807530.6,  | 1183.0,    | 1989.7, | 0.0);   |       |             |
| ( 389833.2, | 3807525.3, | 1189.9, | 1989.7, | 0.0); | ( 389856.8, |
| 3807520.1,  | 1196.6,    | 1989.7, | 0.0);   |       |             |
| ( 389880.4, | 3807514.8, | 1202.4, | 1989.7, | 0.0); | ( 389904.0, |
| 3807509.6,  | 1210.2,    | 1989.7, | 0.0);   |       |             |
| ( 389927.6, | 3807504.3, | 1221.6, | 1989.7, | 0.0); | ( 389951.2, |
| 3807499.1,  | 1226.0,    | 1989.7, | 0.0);   |       |             |
| ( 389974.8, | 3807493.8, | 1214.1, | 1989.7, | 0.0); | ( 389998.4, |
| 3807488.6,  | 1203.3,    | 1989.7, | 0.0);   |       |             |
| ( 390022.0, | 3807483.3, | 1211.9, | 1989.7, | 0.0); | ( 390045.6, |
| 3807478.1,  | 1231.6,    | 1989.7, | 0.0);   |       |             |
| ( 390069.2, | 3807472.8, | 1247.8, | 1989.7, | 0.0); | ( 390092.8, |
| 3807467.6,  | 1261.2,    | 1989.7, | 0.0);   |       |             |
| ( 390116.4, | 3807462.3, | 1274.4, | 1989.7, | 0.0); | ( 390140.0, |
| 3807457.1,  | 1287.4,    | 1989.7, | 0.0);   |       |             |
| ( 390163.6, | 3807451.8, | 1298.2, | 1989.7, | 0.0); | ( 390187.2, |
| 3807446.6,  | 1303.9,    | 1989.7, | 0.0);   |       |             |
| ( 390210.8, | 3807441.3, | 1303.7, | 1989.7, | 0.0); | ( 390234.4, |
| 3807436.1,  | 1299.5,    | 1989.7, | 0.0);   |       |             |
| ( 390258.0, | 3807430.8, | 1292.6, | 1989.7, | 0.0); | ( 390281.6, |
| 3807425.6,  | 1283.8,    | 1989.7, | 0.0);   |       |             |
| ( 390305.2, | 3807420.3, | 1278.2, | 1989.7, | 0.0); | ( 390328.8, |
| 3807415.1,  | 1282.3,    | 1989.7, | 0.0);   |       |             |
| ( 390352.4, | 3807409.8, | 1293.9, | 1989.7, | 0.0); | ( 390376.0, |
| 3807404.6,  | 1306.3,    | 1989.7, | 0.0);   |       |             |
| ( 390399.6, | 3807399.4, | 1319.0, | 1989.7, | 0.0); | ( 390423.2, |
| 3807394.1,  | 1331.7,    | 1989.7, | 0.0);   |       |             |
| ( 390446.8, | 3807388.9, | 1343.5, | 1989.7, | 0.0); | ( 390470.4, |
| 3807383.6,  | 1354.6,    | 1989.7, | 0.0);   |       |             |
| ( 390494.0, | 3807378.4, | 1367.8, | 1989.7, | 0.0); | ( 390517.6, |
| 3807373.1,  | 1382.8,    | 1989.7, | 0.0);   |       |             |
| ( 390541.2, | 3807367.9, | 1399.6, | 1989.7, | 0.0); | ( 390564.8, |
| 3807362.6,  | 1417.5,    | 1989.7, | 0.0);   |       |             |
| ( 390588.3, | 3807357.4, | 1435.0, | 1989.7, | 0.0); | ( 390612.0, |
| 3807352.1,  | 1451.0,    | 1989.7, | 0.0);   |       |             |
| ( 390635.5, | 3807346.9, | 1466.5, | 1989.7, | 0.0); | ( 390659.1, |
| 3807341.6,  | 1474.8,    | 1989.7, | 0.0);   |       |             |
| ( 390682.7, | 3807336.4, | 1472.5, | 1989.7, | 0.0); | ( 390706.3, |
| 3807331.1,  | 1465.7,    | 1989.7, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study

\*\*\*

17:54:19

PAGE 257

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 390729.9, 3807325.9, 1458.3, 1989.7, 0.0); | ( 390753.5, |
| 3807320.6, 1449.2, 1989.7, 0.0);             |             |
| ( 390777.1, 3807315.4, 1436.4, 1989.7, 0.0); | ( 390800.7, |
| 3807310.1, 1422.2, 1989.7, 0.0);             |             |
| ( 390824.3, 3807304.9, 1409.8, 1989.7, 0.0); | ( 390847.9, |
| 3807299.6, 1400.3, 1989.7, 0.0);             |             |
| ( 390871.5, 3807294.4, 1395.0, 1989.7, 0.0); | ( 390895.1, |
| 3807289.1, 1394.2, 1989.7, 0.0);             |             |
| ( 390918.7, 3807283.9, 1390.3, 1989.7, 0.0); | ( 390942.3, |
| 3807278.6, 1380.1, 1989.7, 0.0);             |             |
| ( 390965.9, 3807273.4, 1367.6, 1989.7, 0.0); | ( 390989.5, |
| 3807268.1, 1353.9, 1989.7, 0.0);             |             |
| ( 391013.1, 3807262.9, 1339.3, 1989.7, 0.0); | ( 391036.7, |
| 3807257.6, 1334.6, 1989.7, 0.0);             |             |
| ( 391060.3, 3807252.4, 1339.7, 1989.7, 0.0); | ( 391083.9, |
| 3807247.1, 1337.1, 1989.7, 0.0);             |             |
| ( 391107.5, 3807241.9, 1327.1, 1989.7, 0.0); | ( 391131.1, |
| 3807236.6, 1323.5, 1989.7, 0.0);             |             |
| ( 391154.7, 3807231.4, 1329.5, 1989.7, 0.0); | ( 391178.3, |
| 3807226.1, 1336.3, 1989.7, 0.0);             |             |
| ( 391201.9, 3807220.9, 1342.3, 1989.7, 0.0); | ( 391225.5, |
| 3807215.6, 1348.9, 1989.7, 0.0);             |             |
| ( 391249.1, 3807210.4, 1350.8, 1989.7, 0.0); | ( 391272.7, |
| 3807205.2, 1351.6, 1989.7, 0.0);             |             |
| ( 391296.3, 3807199.9, 1352.0, 1989.7, 0.0); | ( 391319.9, |
| 3807194.7, 1351.5, 1989.7, 0.0);             |             |
| ( 391343.5, 3807189.4, 1351.7, 1989.7, 0.0); | ( 391367.1, |
| 3807184.2, 1349.7, 1989.7, 0.0);             |             |
| ( 391390.7, 3807178.9, 1344.6, 1989.7, 0.0); | ( 391414.3, |
| 3807173.7, 1337.6, 1989.7, 0.0);             |             |
| ( 391437.9, 3807168.4, 1328.3, 1989.7, 0.0); | ( 391461.5, |
| 3807163.2, 1317.1, 1989.7, 0.0);             |             |
| ( 391485.0, 3807157.9, 1306.3, 1989.7, 0.0); | ( 391508.6, |
| 3807152.7, 1297.5, 1989.7, 0.0);             |             |
| ( 391532.2, 3807147.4, 1293.8, 1989.7, 0.0); | ( 391555.8, |
| 3807142.2, 1296.8, 1989.7, 0.0);             |             |
| ( 391579.4, 3807136.9, 1298.6, 1989.7, 0.0); | ( 391603.0, |
| 3807131.7, 1302.1, 1989.7, 0.0);             |             |
| ( 391626.6, 3807126.4, 1309.5, 1989.7, 0.0); | ( 391650.2, |
| 3807121.2, 1320.1, 1989.7, 0.0);             |             |
| ( 391673.8, 3807115.9, 1330.6, 1989.7, 0.0); | ( 391697.4, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807110.7,  | 1336.1,    | 1989.7, | 0.0);   |       |             |
| ( 391721.0, | 3807105.4, | 1336.5, | 1989.7, | 0.0); | ( 391744.6, |
| 3807100.2,  | 1333.6,    | 1989.7, | 0.0);   |       |             |
| ( 391768.2, | 3807094.9, | 1332.1, | 1989.7, | 0.0); | ( 391791.8, |
| 3807089.7,  | 1332.5,    | 1989.7, | 0.0);   |       |             |
| ( 391815.4, | 3807084.4, | 1332.8, | 1989.7, | 0.0); | ( 391839.0, |
| 3807079.2,  | 1335.0,    | 1989.7, | 0.0);   |       |             |
| ( 391862.6, | 3807073.9, | 1344.9, | 1989.7, | 0.0); | ( 391886.2, |
| 3807068.7,  | 1355.8,    | 1989.7, | 0.0);   |       |             |
| ( 391909.8, | 3807063.4, | 1357.6, | 1989.7, | 0.0); | ( 391933.4, |
| 3807058.2,  | 1350.4,    | 1989.7, | 0.0);   |       |             |
| ( 391957.0, | 3807052.9, | 1337.8, | 1989.7, | 0.0); | ( 391980.6, |
| 3807047.7,  | 1323.2,    | 1989.7, | 0.0);   |       |             |
| ( 392004.2, | 3807042.4, | 1310.6, | 1989.7, | 0.0); | ( 392027.8, |
| 3807037.2,  | 1299.4,    | 1989.7, | 0.0);   |       |             |
| ( 392051.4, | 3807031.9, | 1290.8, | 1989.7, | 0.0); | ( 392075.0, |
| 3807026.7,  | 1283.5,    | 1989.7, | 0.0);   |       |             |
| ( 392098.6, | 3807021.4, | 1272.6, | 1989.7, | 0.0); | ( 392122.2, |
| 3807016.2,  | 1268.9,    | 1989.7, | 0.0);   |       |             |
| ( 392145.8, | 3807011.0, | 1282.0, | 1989.7, | 0.0); | ( 392169.4, |
| 3807005.7,  | 1298.6,    | 1989.7, | 0.0);   |       |             |
| ( 392193.0, | 3807000.5, | 1309.8, | 1989.7, | 0.0); | ( 392216.6, |
| 3806995.2,  | 1308.2,    | 1989.7, | 0.0);   |       |             |
| ( 392240.2, | 3806990.0, | 1302.0, | 1989.7, | 0.0); | ( 392263.8, |
| 3806984.7,  | 1295.3,    | 1989.7, | 0.0);   |       |             |
| ( 392287.4, | 3806979.5, | 1287.8, | 1989.7, | 0.0); | ( 392311.0, |
| 3806974.2,  | 1279.1,    | 1989.7, | 0.0);   |       |             |
| ( 392334.6, | 3806969.0, | 1270.5, | 1989.7, | 0.0); | ( 392358.2, |
| 3806963.7,  | 1262.3,    | 1989.7, | 0.0);   |       |             |
| ( 392381.8, | 3806958.5, | 1253.2, | 1989.7, | 0.0); | ( 392405.3, |
| 3806953.2,  | 1242.1,    | 1989.7, | 0.0);   |       |             |
| ( 392429.0, | 3806948.0, | 1228.2, | 1989.7, | 0.0); | ( 392452.5, |
| 3806942.7,  | 1214.5,    | 1989.7, | 0.0);   |       |             |
| ( 392476.1, | 3806937.5, | 1209.3, | 1989.7, | 0.0); | ( 392499.7, |
| 3806932.2,  | 1209.6,    | 1989.7, | 0.0);   |       |             |
| ( 392523.3, | 3806927.0, | 1206.1, | 1989.7, | 0.0); | ( 392546.9, |
| 3806921.7,  | 1204.1,    | 1989.7, | 0.0);   |       |             |
| ( 392570.5, | 3806916.5, | 1211.8, | 1989.7, | 0.0); | ( 392594.1, |
| 3806911.2,  | 1218.3,    | 1989.7, | 0.0);   |       |             |
| ( 392617.7, | 3806906.0, | 1224.7, | 1989.7, | 0.0); | ( 392641.3, |
| 3806900.7,  | 1234.2,    | 1989.7, | 0.0);   |       |             |
| ( 392664.9, | 3806895.5, | 1245.0, | 1989.7, | 0.0); | ( 392688.5, |
| 3806890.2,  | 1253.6,    | 1989.7, | 0.0);   |       |             |
| ( 392712.1, | 3806885.0, | 1263.7, | 1989.7, | 0.0); | ( 392735.7, |
| 3806879.7,  | 1276.4,    | 1989.7, | 0.0);   |       |             |
| ( 392759.3, | 3806874.5, | 1289.5, | 1989.7, | 0.0); | ( 392782.9, |
| 3806869.2,  | 1303.3,    | 1989.7, | 0.0);   |       |             |
| ( 392806.5, | 3806864.0, | 1316.8, | 1989.7, | 0.0); | ( 392830.1, |
| 3806858.8,  | 1325.0,    | 1989.7, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 258

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 392853.7, 3806853.5, 1329.2, 1989.7, 0.0); | ( 392877.3, |
| 3806848.2, 1337.8, 1989.7, 0.0);             |             |
| ( 392900.9, 3806843.0, 1346.9, 1989.7, 0.0); | ( 392924.5, |
| 3806837.8, 1357.0, 1989.7, 0.0);             |             |
| ( 392948.1, 3806832.5, 1368.5, 1989.7, 0.0); | ( 392971.7, |
| 3806827.2, 1383.3, 1989.7, 0.0);             |             |
| ( 392995.3, 3806822.0, 1401.2, 1989.7, 0.0); | ( 393018.9, |
| 3806816.8, 1418.6, 1989.7, 0.0);             |             |
| ( 393042.5, 3806811.5, 1432.9, 1989.7, 0.0); | ( 393066.1, |
| 3806806.3, 1444.1, 1989.7, 0.0);             |             |
| ( 393089.7, 3806801.0, 1455.2, 1989.7, 0.0); | ( 393113.3, |
| 3806795.8, 1468.3, 1989.7, 0.0);             |             |
| ( 393136.9, 3806790.5, 1480.3, 1989.7, 0.0); | ( 393160.5, |
| 3806785.3, 1491.1, 1989.7, 0.0);             |             |
| ( 393184.1, 3806780.0, 1503.5, 1989.7, 0.0); | ( 393207.7, |
| 3806774.8, 1518.2, 1989.7, 0.0);             |             |
| ( 393231.3, 3806769.5, 1534.1, 1989.7, 0.0); | ( 393254.9, |
| 3806764.3, 1547.5, 1989.7, 0.0);             |             |
| ( 393278.5, 3806759.0, 1553.3, 1989.7, 0.0); | ( 393302.0, |
| 3806753.8, 1554.8, 1989.7, 0.0);             |             |
| ( 393325.6, 3806748.5, 1558.1, 1989.7, 0.0); | ( 393349.2, |
| 3806743.3, 1562.9, 1989.7, 0.0);             |             |
| ( 393372.8, 3806738.0, 1563.8, 1989.7, 0.0); | ( 393396.4, |
| 3806732.8, 1558.8, 1989.7, 0.0);             |             |
| ( 393420.0, 3806727.5, 1550.4, 1989.7, 0.0); | ( 393443.6, |
| 3806722.3, 1542.0, 1989.7, 0.0);             |             |
| ( 393467.2, 3806717.0, 1532.8, 1989.7, 0.0); | ( 393490.8, |
| 3806711.8, 1520.6, 1989.7, 0.0);             |             |
| ( 393514.4, 3806706.5, 1507.8, 1989.7, 0.0); | ( 393538.0, |
| 3806701.3, 1506.6, 1989.7, 0.0);             |             |
| ( 393561.6, 3806696.0, 1510.4, 1989.7, 0.0); | ( 393585.2, |
| 3806690.8, 1512.5, 1989.7, 0.0);             |             |
| ( 393608.8, 3806685.5, 1512.3, 1989.7, 0.0); | ( 393632.4, |
| 3806680.3, 1507.2, 1989.7, 0.0);             |             |
| ( 393656.0, 3806675.0, 1496.8, 1989.7, 0.0); | ( 393679.6, |
| 3806669.8, 1483.2, 1989.7, 0.0);             |             |
| ( 393703.2, 3806664.5, 1468.3, 1989.7, 0.0); | ( 393726.8, |
| 3806659.3, 1453.1, 1989.7, 0.0);             |             |
| ( 393750.4, 3806654.0, 1438.3, 1989.7, 0.0); | ( 393774.0, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3806648.8,  | 1424.0,    | 1989.7, | 0.0);   |       |             |
| ( 393797.6, | 3806643.5, | 1409.8, | 1989.7, | 0.0); | ( 393821.2, |
| 3806638.3,  | 1395.8,    | 1989.7, | 0.0);   |       |             |
| ( 393844.8, | 3806633.0, | 1385.9, | 1989.7, | 0.0); | ( 393868.4, |
| 3806627.8,  | 1390.6,    | 1989.7, | 0.0);   |       |             |
| ( 393892.0, | 3806622.6, | 1383.4, | 1989.7, | 0.0); | ( 393915.6, |
| 3806617.3,  | 1369.5,    | 1989.7, | 0.0);   |       |             |
| ( 393939.2, | 3806612.1, | 1354.0, | 1989.7, | 0.0); | ( 393962.8, |
| 3806606.8,  | 1339.0,    | 1989.7, | 0.0);   |       |             |
| ( 393986.4, | 3806601.6, | 1325.9, | 1989.7, | 0.0); | ( 394010.0, |
| 3806596.3,  | 1314.1,    | 1989.7, | 0.0);   |       |             |
| ( 394033.6, | 3806591.1, | 1304.5, | 1989.7, | 0.0); | ( 394057.2, |
| 3806585.8,  | 1302.4,    | 1989.7, | 0.0);   |       |             |
| ( 394080.8, | 3806580.6, | 1312.0, | 1989.7, | 0.0); | ( 394104.4, |
| 3806575.3,  | 1328.4,    | 1989.7, | 0.0);   |       |             |
| ( 394128.0, | 3806570.1, | 1337.9, | 1989.7, | 0.0); | ( 394151.6, |
| 3806564.8,  | 1343.3,    | 1989.7, | 0.0);   |       |             |
| ( 394175.2, | 3806559.6, | 1351.2, | 1989.7, | 0.0); | ( 394198.8, |
| 3806554.3,  | 1363.2,    | 1989.7, | 0.0);   |       |             |
| ( 394222.3, | 3806549.1, | 1374.5, | 1989.7, | 0.0); | ( 394246.0, |
| 3806543.8,  | 1382.2,    | 1989.7, | 0.0);   |       |             |
| ( 394269.5, | 3806538.6, | 1391.4, | 1989.7, | 0.0); | ( 394293.1, |
| 3806533.3,  | 1399.9,    | 1989.7, | 0.0);   |       |             |
| ( 394316.7, | 3806528.1, | 1408.5, | 1989.7, | 0.0); | ( 394340.3, |
| 3806522.8,  | 1417.6,    | 1989.7, | 0.0);   |       |             |
| ( 394363.9, | 3806517.6, | 1427.8, | 1989.7, | 0.0); | ( 394387.5, |
| 3806512.3,  | 1437.5,    | 1989.7, | 0.0);   |       |             |
| ( 394411.1, | 3806507.1, | 1445.5, | 1989.7, | 0.0); | ( 394434.7, |
| 3806501.8,  | 1454.3,    | 1989.7, | 0.0);   |       |             |
| ( 394458.3, | 3806496.6, | 1464.9, | 1989.7, | 0.0); | ( 394481.9, |
| 3806491.3,  | 1475.0,    | 1989.7, | 0.0);   |       |             |
| ( 394505.5, | 3806486.1, | 1483.3, | 1989.7, | 0.0); | ( 394529.1, |
| 3806480.8,  | 1487.0,    | 1989.7, | 0.0);   |       |             |
| ( 394552.7, | 3806475.6, | 1490.3, | 1989.7, | 0.0); | ( 394576.3, |
| 3806470.3,  | 1497.4,    | 1989.7, | 0.0);   |       |             |
| ( 394599.9, | 3806465.1, | 1506.3, | 1989.7, | 0.0); | ( 394623.5, |
| 3806459.8,  | 1514.5,    | 1989.7, | 0.0);   |       |             |
| ( 394647.1, | 3806454.6, | 1523.3, | 1989.7, | 0.0); | ( 394670.7, |
| 3806449.3,  | 1533.1,    | 1989.7, | 0.0);   |       |             |
| ( 394694.3, | 3806444.1, | 1542.4, | 1989.7, | 0.0); | ( 394717.9, |
| 3806438.8,  | 1550.1,    | 1989.7, | 0.0);   |       |             |
| ( 394741.5, | 3806433.6, | 1557.7, | 1989.7, | 0.0); | ( 394765.1, |
| 3806428.4,  | 1565.0,    | 1989.7, | 0.0);   |       |             |
| ( 394788.7, | 3806423.1, | 1570.3, | 1989.7, | 0.0); | ( 394812.3, |
| 3806417.9,  | 1575.3,    | 1989.7, | 0.0);   |       |             |
| ( 394835.9, | 3806412.6, | 1581.6, | 1989.7, | 0.0); | ( 394859.5, |
| 3806407.4,  | 1590.9,    | 1989.7, | 0.0);   |       |             |
| ( 394883.1, | 3806402.1, | 1595.3, | 1989.7, | 0.0); | ( 394906.7, |
| 3806396.9,  | 1601.0,    | 1989.7, | 0.0);   |       |             |
| ( 394930.3, | 3806391.6, | 1609.9, | 1989.7, | 0.0); | ( 394953.9, |



3806386.4, 1619.5, 1830.9, 0.0);  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 259

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 394977.5, 3806381.1, 1627.2, 1830.9, 0.0); | ( 395001.1, |
| 3806375.9, 1630.2, 1830.9, 0.0);             |             |
| ( 395024.7, 3806370.6, 1623.8, 1830.9, 0.0); | ( 395048.3, |
| 3806365.4, 1612.7, 1830.9, 0.0);             |             |
| ( 395071.9, 3806360.1, 1602.2, 1989.7, 0.0); | ( 395095.5, |
| 3806354.9, 1595.8, 1989.7, 0.0);             |             |
| ( 395119.0, 3806349.6, 1596.1, 1989.7, 0.0); | ( 395142.6, |
| 3806344.4, 1601.5, 1989.7, 0.0);             |             |
| ( 395166.2, 3806339.1, 1602.5, 1988.8, 0.0); | ( 395189.8, |
| 3806333.9, 1604.6, 1830.9, 0.0);             |             |
| ( 395213.4, 3806328.6, 1611.7, 1830.9, 0.0); | ( 395237.0, |
| 3806323.4, 1622.1, 1830.9, 0.0);             |             |
| ( 395260.6, 3806318.1, 1633.5, 1830.9, 0.0); | ( 395284.2, |
| 3806312.9, 1643.5, 1830.9, 0.0);             |             |
| ( 395307.8, 3806307.6, 1649.8, 1830.9, 0.0); | ( 395331.4, |
| 3806302.4, 1653.8, 1830.9, 0.0);             |             |
| ( 395355.0, 3806297.1, 1655.4, 1830.9, 0.0); | ( 395378.6, |
| 3806291.9, 1655.9, 1830.9, 0.0);             |             |
| ( 395402.2, 3806286.6, 1656.0, 1830.9, 0.0); | ( 395425.8, |
| 3806281.4, 1655.9, 1830.9, 0.0);             |             |
| ( 395449.4, 3806276.1, 1653.5, 1830.9, 0.0); | ( 395473.0, |
| 3806270.9, 1647.8, 1830.9, 0.0);             |             |
| ( 395496.6, 3806265.6, 1637.9, 1830.9, 0.0); | ( 395520.2, |
| 3806260.4, 1624.5, 1830.9, 0.0);             |             |
| ( 395543.8, 3806255.1, 1609.1, 1830.9, 0.0); | ( 395567.4, |
| 3806249.9, 1591.8, 1830.9, 0.0);             |             |
| ( 395591.0, 3806244.6, 1573.6, 1830.9, 0.0); | ( 395614.6, |
| 3806239.4, 1556.7, 1989.7, 0.0);             |             |
| ( 395638.2, 3806234.2, 1540.5, 1989.7, 0.0); | ( 395661.8, |
| 3806228.9, 1524.7, 1989.7, 0.0);             |             |
| ( 395685.4, 3806223.7, 1508.4, 1989.7, 0.0); | ( 395709.0, |
| 3806218.4, 1490.6, 1989.7, 0.0);             |             |
| ( 395732.6, 3806213.2, 1472.9, 1989.7, 0.0); | ( 395756.2, |
| 3806207.9, 1458.9, 1989.7, 0.0);             |             |
| ( 395779.8, 3806202.7, 1448.1, 1989.7, 0.0); | ( 395803.4, |
| 3806197.4, 1434.3, 1989.7, 0.0);             |             |
| ( 395827.0, 3806192.2, 1426.5, 1989.7, 0.0); | ( 395850.6, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3806186.9,  | 1428.9,    | 1989.7, | 0.0);   |       |             |
| ( 395874.2, | 3806181.7, | 1433.3, | 1989.7, | 0.0); | ( 395897.8, |
| 3806176.4,  | 1431.9,    | 1989.7, | 0.0);   |       |             |
| ( 395921.4, | 3806171.2, | 1423.2, | 1989.7, | 0.0); | ( 395945.0, |
| 3806165.9,  | 1410.5,    | 2003.3, | 0.0);   |       |             |
| ( 395968.6, | 3806160.7, | 1399.1, | 2009.6, | 0.0); | ( 395992.2, |
| 3806155.4,  | 1397.2,    | 2009.6, | 0.0);   |       |             |
| ( 396015.8, | 3806150.2, | 1410.6, | 2009.6, | 0.0); | ( 396039.3, |
| 3806144.9,  | 1428.9,    | 1989.7, | 0.0);   |       |             |
| ( 396063.0, | 3806139.7, | 1446.3, | 1989.7, | 0.0); | ( 396086.5, |
| 3806134.4,  | 1463.4,    | 1989.7, | 0.0);   |       |             |
| ( 396110.1, | 3806129.2, | 1480.2, | 1989.7, | 0.0); | ( 396133.7, |
| 3806123.9,  | 1496.5,    | 1989.7, | 0.0);   |       |             |
| ( 396157.3, | 3806118.7, | 1513.1, | 1989.7, | 0.0); | ( 396180.9, |
| 3806113.4,  | 1529.8,    | 1830.9, | 0.0);   |       |             |
| ( 396204.5, | 3806108.2, | 1542.2, | 1830.9, | 0.0); | ( 396228.1, |
| 3806102.9,  | 1542.4,    | 1830.9, | 0.0);   |       |             |
| ( 396251.7, | 3806097.7, | 1531.8, | 1830.9, | 0.0); | ( 396275.3, |
| 3806092.4,  | 1516.9,    | 1830.9, | 0.0);   |       |             |
| ( 396298.9, | 3806087.2, | 1502.3, | 1989.7, | 0.0); | ( 396322.5, |
| 3806081.9,  | 1493.3,    | 1989.7, | 0.0);   |       |             |
| ( 396346.1, | 3806076.7, | 1494.7, | 1989.7, | 0.0); | ( 396369.7, |
| 3806071.4,  | 1500.4,    | 1989.7, | 0.0);   |       |             |
| ( 396393.3, | 3806066.2, | 1497.1, | 1989.7, | 0.0); | ( 396416.9, |
| 3806060.9,  | 1484.5,    | 1989.7, | 0.0);   |       |             |
| ( 396440.5, | 3806055.7, | 1478.8, | 1989.7, | 0.0); | ( 396464.1, |
| 3806050.4,  | 1481.8,    | 1989.7, | 0.0);   |       |             |
| ( 396487.7, | 3806045.2, | 1483.8, | 1989.7, | 0.0); | ( 396511.3, |
| 3806040.0,  | 1491.1,    | 1983.5, | 0.0);   |       |             |
| ( 396534.9, | 3806034.7, | 1498.9, | 1830.9, | 0.0); | ( 396558.5, |
| 3806029.5,  | 1500.7,    | 1830.9, | 0.0);   |       |             |
| ( 396582.1, | 3806024.2, | 1499.2, | 1830.9, | 0.0); | ( 396605.7, |
| 3806019.0,  | 1498.3,    | 1830.9, | 0.0);   |       |             |
| ( 396629.3, | 3806013.7, | 1494.1, | 1830.9, | 0.0); | ( 396652.9, |
| 3806008.5,  | 1486.9,    | 1830.9, | 0.0);   |       |             |
| ( 396676.5, | 3806003.2, | 1474.4, | 2009.6, | 0.0); | ( 396700.1, |
| 3805998.0,  | 1458.1,    | 2009.6, | 0.0);   |       |             |
| ( 396723.7, | 3805992.7, | 1448.0, | 2009.6, | 0.0); | ( 396747.3, |
| 3805987.5,  | 1458.0,    | 2009.6, | 0.0);   |       |             |
| ( 396770.9, | 3805982.2, | 1468.8, | 2009.6, | 0.0); | ( 396794.5, |
| 3805977.0,  | 1478.1,    | 2009.6, | 0.0);   |       |             |
| ( 396818.1, | 3805971.7, | 1488.4, | 2009.6, | 0.0); | ( 396841.7, |
| 3805966.5,  | 1501.1,    | 2003.3, | 0.0);   |       |             |
| ( 396865.3, | 3805961.2, | 1514.9, | 1830.9, | 0.0); | ( 396888.9, |
| 3805956.0,  | 1529.3,    | 1830.9, | 0.0);   |       |             |
| ( 396912.5, | 3805950.7, | 1544.8, | 1830.9, | 0.0); | ( 396936.0, |
| 3805945.5,  | 1559.7,    | 1830.9, | 0.0);   |       |             |
| ( 396959.6, | 3805940.2, | 1574.7, | 1830.9, | 0.0); | ( 396983.2, |
| 3805935.0,  | 1590.2,    | 1830.9, | 0.0);   |       |             |
| ( 397006.8, | 3805929.7, | 1605.9, | 1830.9, | 0.0); | ( 397030.4, |

3805924.5, 1621.2, 1830.9, 0.0);  
( 397054.0, 3805919.2, 1635.6, 1830.9, 0.0); ( 384344.5,  
3815731.8, 912.4, 1104.6, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 260

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 384343.5, 3815756.0, 903.4, 1104.6, 0.0); ( 384342.5,  
3815780.2, 899.4, 1104.6, 0.0);  
( 384341.5, 3815804.4, 903.9, 1104.6, 0.0); ( 384340.5,  
3815828.6, 910.0, 1104.6, 0.0);  
( 384339.5, 3815852.8, 915.8, 1104.6, 0.0); ( 384338.5,  
3815877.0, 918.7, 1104.6, 0.0);  
( 383023.5, 3815654.5, 868.1, 1104.6, 0.0); ( 383034.7,  
3815633.0, 876.6, 1104.6, 0.0);  
( 383045.8, 3815611.5, 883.4, 1104.6, 0.0); ( 383057.0,  
3815590.0, 887.4, 1104.6, 0.0);  
( 383068.1, 3815568.5, 887.2, 1104.6, 0.0); ( 383079.3,  
3815547.0, 884.4, 1104.6, 0.0);  
( 383090.4, 3815525.5, 881.7, 1104.6, 0.0); ( 383101.5,  
3815504.0, 883.4, 1104.6, 0.0);  
( 383112.7, 3815482.6, 891.5, 1104.6, 0.0); ( 383123.8,  
3815461.1, 899.3, 1104.6, 0.0);  
( 383135.0, 3815439.6, 907.1, 1104.6, 0.0); ( 383146.1,  
3815418.1, 914.7, 1104.6, 0.0);  
( 383157.3, 3815396.6, 915.5, 1104.6, 0.0); ( 383168.5,  
3815375.1, 911.0, 1104.6, 0.0);  
( 383179.6, 3815353.6, 904.1, 1104.6, 0.0); ( 383190.8,  
3815332.1, 898.4, 1104.6, 0.0);  
( 383201.9, 3815310.6, 892.4, 1104.6, 0.0); ( 383213.0,  
3815289.1, 888.0, 1104.6, 0.0);  
( 383224.2, 3815267.6, 882.9, 1104.6, 0.0); ( 383235.3,  
3815246.1, 879.8, 1104.6, 0.0);  
( 383246.5, 3815224.6, 876.4, 1104.6, 0.0); ( 383257.6,  
3815203.2, 873.2, 1104.6, 0.0);  
( 383268.8, 3815181.7, 872.1, 1104.6, 0.0); ( 383279.9,  
3815160.2, 871.3, 1104.6, 0.0);  
( 383291.1, 3815138.7, 871.9, 1104.6, 0.0); ( 383302.2,  
3815117.2, 872.7, 1104.6, 0.0);  
( 383313.4, 3815095.7, 872.9, 1104.6, 0.0); ( 383324.5,  
3815074.2, 872.4, 1104.6, 0.0);  
( 383335.7, 3815052.7, 872.7, 1104.6, 0.0); ( 383346.8,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815031.2,  | 872.9,     | 1104.6, | 0.0);   |       |             |
| ( 383358.0, | 3815009.7, | 873.3,  | 1104.6, | 0.0); | ( 383369.1, |
| 3814988.2,  | 873.5,     | 1104.6, | 0.0);   |       |             |
| ( 383380.3, | 3814966.7, | 870.6,  | 1104.6, | 0.0); | ( 383391.4, |
| 3814945.2,  | 865.6,     | 1104.6, | 0.0);   |       |             |
| ( 383402.6, | 3814923.8, | 860.1,  | 1104.6, | 0.0); | ( 383413.7, |
| 3814902.3,  | 853.9,     | 1104.6, | 0.0);   |       |             |
| ( 383424.9, | 3814880.8, | 848.3,  | 1104.6, | 0.0); | ( 383436.0, |
| 3814859.3,  | 842.7,     | 1104.6, | 0.0);   |       |             |
| ( 383447.2, | 3814837.8, | 837.1,  | 1104.6, | 0.0); | ( 383458.3, |
| 3814816.3,  | 832.2,     | 1104.6, | 0.0);   |       |             |
| ( 383469.5, | 3814794.8, | 827.9,  | 1104.6, | 0.0); | ( 383480.6, |
| 3814773.3,  | 824.6,     | 1104.6, | 0.0);   |       |             |
| ( 383491.8, | 3814751.8, | 822.2,  | 1104.6, | 0.0); | ( 383502.9, |
| 3814730.3,  | 818.8,     | 1104.6, | 0.0);   |       |             |
| ( 383514.1, | 3814708.8, | 816.0,  | 1104.6, | 0.0); | ( 383525.2, |
| 3814687.3,  | 813.2,     | 1104.6, | 0.0);   |       |             |
| ( 383536.4, | 3814665.8, | 810.5,  | 1104.6, | 0.0); | ( 383547.5, |
| 3814644.3,  | 806.8,     | 1104.6, | 0.0);   |       |             |
| ( 383558.7, | 3814622.8, | 803.6,  | 1104.6, | 0.0); | ( 383569.8, |
| 3814601.4,  | 801.6,     | 1255.1, | 0.0);   |       |             |
| ( 383581.0, | 3814579.9, | 801.6,  | 1255.1, | 0.0); | ( 383592.1, |
| 3814558.4,  | 804.6,     | 1255.1, | 0.0);   |       |             |
| ( 383603.3, | 3814536.9, | 808.0,  | 1104.6, | 0.0); | ( 383614.4, |
| 3814515.4,  | 809.8,     | 1104.6, | 0.0);   |       |             |
| ( 383625.6, | 3814493.9, | 811.0,  | 1104.6, | 0.0); | ( 383636.7, |
| 3814472.4,  | 811.5,     | 1104.6, | 0.0);   |       |             |
| ( 383647.9, | 3814450.9, | 811.5,  | 1255.1, | 0.0); | ( 383659.0, |
| 3814429.4,  | 809.8,     | 1255.1, | 0.0);   |       |             |
| ( 383670.2, | 3814407.9, | 806.6,  | 1255.1, | 0.0); | ( 383681.3, |
| 3814386.4,  | 802.8,     | 1255.1, | 0.0);   |       |             |
| ( 383692.5, | 3814364.9, | 797.9,  | 1255.1, | 0.0); | ( 383703.6, |
| 3814343.4,  | 792.9,     | 1255.1, | 0.0);   |       |             |
| ( 383714.8, | 3814322.0, | 789.8,  | 1937.2, | 0.0); | ( 383725.9, |
| 3814300.5,  | 786.0,     | 1937.2, | 0.0);   |       |             |
| ( 383737.1, | 3814279.0, | 780.5,  | 1937.2, | 0.0); | ( 383748.2, |
| 3814257.5,  | 772.7,     | 1956.1, | 0.0);   |       |             |
| ( 383759.4, | 3814236.0, | 769.5,  | 1956.1, | 0.0); | ( 383770.5, |
| 3814214.5,  | 771.0,     | 1956.1, | 0.0);   |       |             |
| ( 383781.7, | 3814193.0, | 777.2,  | 1956.1, | 0.0); | ( 383792.8, |
| 3814171.5,  | 783.4,     | 1956.1, | 0.0);   |       |             |
| ( 383804.0, | 3814150.0, | 789.0,  | 1955.9, | 0.0); | ( 383815.1, |
| 3814128.5,  | 788.5,     | 1956.1, | 0.0);   |       |             |
| ( 383826.3, | 3814107.0, | 787.1,  | 1956.1, | 0.0); | ( 383837.4, |
| 3814085.5,  | 784.3,     | 1979.6, | 0.0);   |       |             |
| ( 383848.6, | 3814064.0, | 781.0,  | 1980.1, | 0.0); | ( 383859.7, |
| 3814042.5,  | 776.4,     | 1980.1, | 0.0);   |       |             |
| ( 383870.9, | 3814021.1, | 773.2,  | 1980.1, | 0.0); | ( 383882.0, |
| 3813999.6,  | 775.4,     | 1980.1, | 0.0);   |       |             |
| ( 383893.2, | 3813978.1, | 780.9,  | 1980.1, | 0.0); | ( 383904.3, |

```

3813956.6, 784.4, 1980.1, 0.0);
 (383915.5, 3813935.1, 784.4, 1980.1, 0.0); (383926.6,
3813913.6, 780.9, 1980.1, 0.0);
 (383937.8, 3813892.1, 781.9, 1980.1, 0.0); (383948.9,
3813870.6, 786.2, 1980.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 261

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (383960.0, 3813849.1, 789.5, 1980.1, 0.0); (383971.2,
3813827.6, 789.9, 1980.1, 0.0);
 (383982.3, 3813806.1, 787.1, 1983.1, 0.0); (383993.5,
3813784.6, 782.1, 1989.7, 0.0);
 (384004.6, 3813763.1, 776.1, 1989.7, 0.0); (384015.8,
3813741.7, 769.7, 1989.7, 0.0);
 (384027.0, 3813720.2, 764.1, 1989.7, 0.0); (384038.1,
3813698.7, 758.8, 1989.7, 0.0);
 (384049.2, 3813677.2, 754.7, 1989.7, 0.0); (384060.4,
3813655.7, 752.6, 1989.7, 0.0);
 (384071.5, 3813634.2, 752.3, 1989.7, 0.0); (384082.7,
3813612.7, 750.8, 1989.7, 0.0);
 (384093.8, 3813591.2, 748.1, 1989.7, 0.0); (384105.0,
3813569.7, 745.1, 1989.7, 0.0);
 (384116.1, 3813548.2, 744.2, 1989.7, 0.0); (384127.3,
3813526.7, 742.8, 1989.7, 0.0);
 (384138.4, 3813505.2, 738.0, 1989.7, 0.0); (384149.6,
3813483.8, 734.7, 1989.7, 0.0);
 (384160.7, 3813462.2, 736.4, 1989.7, 0.0); (384171.9,
3813440.8, 739.3, 1989.7, 0.0);
 (384183.0, 3813419.3, 740.6, 1989.7, 0.0); (384194.2,
3813397.8, 742.5, 1989.7, 0.0);
 (384205.3, 3813376.3, 742.4, 1989.7, 0.0); (384216.5,
3813354.8, 737.8, 1989.7, 0.0);
 (384227.6, 3813333.3, 733.6, 1989.7, 0.0); (384238.8,
3813311.8, 730.8, 1989.7, 0.0);
 (384249.9, 3813290.3, 727.7, 1989.7, 0.0); (384261.1,
3813268.8, 728.5, 1989.7, 0.0);
 (384272.2, 3813247.3, 732.7, 1989.7, 0.0); (384283.4,
3813225.8, 736.2, 1989.7, 0.0);
 (384294.5, 3813204.3, 741.6, 1989.7, 0.0); (384305.7,
3813182.8, 750.0, 1989.7, 0.0);
 (384316.8, 3813161.4, 758.8, 1989.7, 0.0); (384328.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813139.9,  | 760.6,     | 1989.7, | 0.0);   |       |             |
| ( 384339.1, | 3813118.4, | 755.5,  | 1989.7, | 0.0); | ( 384350.3, |
| 3813096.9,  | 751.2,     | 1989.7, | 0.0);   |       |             |
| ( 384361.4, | 3813075.4, | 750.6,  | 1989.7, | 0.0); | ( 384372.6, |
| 3813053.9,  | 747.6,     | 1989.7, | 0.0);   |       |             |
| ( 384383.7, | 3813032.4, | 741.9,  | 1989.7, | 0.0); | ( 384394.9, |
| 3813010.9,  | 737.9,     | 1989.7, | 0.0);   |       |             |
| ( 384406.0, | 3812989.4, | 742.0,  | 1989.7, | 0.0); | ( 384417.2, |
| 3812967.9,  | 746.2,     | 1989.7, | 0.0);   |       |             |
| ( 384428.3, | 3812946.4, | 746.2,  | 1989.7, | 0.0); | ( 384439.5, |
| 3812924.9,  | 746.8,     | 1989.7, | 0.0);   |       |             |
| ( 384450.6, | 3812903.4, | 748.6,  | 1989.7, | 0.0); | ( 384461.8, |
| 3812881.9,  | 747.8,     | 1989.7, | 0.0);   |       |             |
| ( 384472.9, | 3812860.5, | 748.7,  | 1989.7, | 0.0); | ( 384484.1, |
| 3812839.0,  | 749.3,     | 1989.7, | 0.0);   |       |             |
| ( 384495.2, | 3812817.5, | 746.2,  | 1989.7, | 0.0); | ( 384506.4, |
| 3812796.0,  | 739.7,     | 1989.7, | 0.0);   |       |             |
| ( 384517.5, | 3812774.5, | 735.6,  | 1989.7, | 0.0); | ( 384528.7, |
| 3812753.0,  | 733.0,     | 1989.7, | 0.0);   |       |             |
| ( 384539.8, | 3812731.5, | 736.8,  | 1989.7, | 0.0); | ( 384551.0, |
| 3812710.0,  | 740.4,     | 1989.7, | 0.0);   |       |             |
| ( 384562.1, | 3812688.5, | 746.8,  | 1989.7, | 0.0); | ( 384573.3, |
| 3812667.0,  | 750.9,     | 1989.7, | 0.0);   |       |             |
| ( 384584.4, | 3812645.5, | 759.7,  | 1989.7, | 0.0); | ( 384595.6, |
| 3812624.0,  | 767.6,     | 1989.7, | 0.0);   |       |             |
| ( 384606.7, | 3812602.5, | 773.0,  | 1989.7, | 0.0); | ( 384617.9, |
| 3812581.1,  | 772.8,     | 1989.7, | 0.0);   |       |             |
| ( 384629.0, | 3812559.6, | 769.7,  | 1989.7, | 0.0); | ( 384640.2, |
| 3812538.1,  | 765.5,     | 1989.7, | 0.0);   |       |             |
| ( 384651.3, | 3812516.6, | 760.4,  | 1989.7, | 0.0); | ( 384662.5, |
| 3812495.1,  | 760.0,     | 1989.7, | 0.0);   |       |             |
| ( 384673.6, | 3812473.6, | 761.3,  | 1989.7, | 0.0); | ( 384684.8, |
| 3812452.1,  | 756.1,     | 1989.7, | 0.0);   |       |             |
| ( 384695.9, | 3812430.6, | 749.4,  | 1989.7, | 0.0); | ( 384707.1, |
| 3812409.1,  | 738.8,     | 1989.7, | 0.0);   |       |             |
| ( 384718.2, | 3812387.6, | 727.4,  | 1989.7, | 0.0); | ( 384729.4, |
| 3812366.1,  | 720.3,     | 1989.7, | 0.0);   |       |             |
| ( 384740.5, | 3812344.6, | 715.2,  | 1989.7, | 0.0); | ( 384751.6, |
| 3812323.1,  | 713.8,     | 1989.7, | 0.0);   |       |             |
| ( 384762.8, | 3812301.6, | 717.7,  | 1989.7, | 0.0); | ( 384774.0, |
| 3812280.2,  | 722.9,     | 1989.7, | 0.0);   |       |             |
| ( 384785.1, | 3812258.7, | 726.8,  | 1989.7, | 0.0); | ( 384796.2, |
| 3812237.2,  | 722.7,     | 1989.7, | 0.0);   |       |             |
| ( 384807.4, | 3812215.7, | 721.0,  | 1989.7, | 0.0); | ( 384818.5, |
| 3812194.2,  | 728.3,     | 1989.7, | 0.0);   |       |             |
| ( 384829.7, | 3812172.7, | 735.0,  | 1989.7, | 0.0); | ( 384840.8, |
| 3812151.2,  | 741.8,     | 1989.7, | 0.0);   |       |             |
| ( 384852.0, | 3812129.7, | 748.7,  | 1989.7, | 0.0); | ( 384863.1, |
| 3812108.2,  | 757.2,     | 1989.7, | 0.0);   |       |             |
| ( 384874.3, | 3812086.7, | 763.3,  | 1989.7, | 0.0); | ( 384885.5, |

```

3812065.2, 761.5, 1989.7, 0.0);
(384896.6, 3812043.7, 755.3, 1989.7, 0.0); (384907.8,
3812022.2, 752.1, 1989.7, 0.0);
(384918.9, 3812000.8, 757.1, 1989.7, 0.0); (384930.0,
3811979.3, 770.4, 1989.7, 0.0);
(384941.2, 3811957.8, 774.3, 1989.7, 0.0); (384952.3,
3811936.3, 766.9, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 262

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(384963.5, 3811914.8, 751.0, 1989.7, 0.0); (384974.6,
3811893.3, 737.3, 1989.7, 0.0);
(384985.8, 3811871.8, 730.3, 1989.7, 0.0); (384996.9,
3811850.3, 728.8, 1989.7, 0.0);
(385008.1, 3811828.8, 731.1, 1989.7, 0.0); (385019.2,
3811807.3, 727.4, 1989.7, 0.0);
(385030.4, 3811785.8, 721.2, 1989.7, 0.0); (385041.5,
3811764.3, 714.6, 1989.7, 0.0);
(385052.7, 3811742.8, 711.5, 1989.7, 0.0); (385063.8,
3811721.3, 708.7, 1989.7, 0.0);
(385075.0, 3811699.9, 705.3, 1989.7, 0.0); (385086.1,
3811678.4, 704.5, 1989.7, 0.0);
(385097.3, 3811656.9, 703.5, 1989.7, 0.0); (385108.4,
3811635.4, 703.6, 1989.7, 0.0);
(385119.6, 3811613.9, 703.9, 1989.7, 0.0); (385130.7,
3811592.4, 704.5, 1989.7, 0.0);
(385141.9, 3811570.9, 705.4, 1989.7, 0.0); (385153.0,
3811549.4, 706.9, 1989.7, 0.0);
(385164.2, 3811527.9, 710.0, 1989.7, 0.0); (385175.3,
3811506.4, 713.3, 1989.7, 0.0);
(385186.5, 3811484.9, 717.0, 1989.7, 0.0); (385197.6,
3811463.4, 721.7, 1989.7, 0.0);
(385208.8, 3811441.9, 723.9, 1989.7, 0.0); (385219.9,
3811420.5, 722.8, 1989.7, 0.0);
(385231.1, 3811399.0, 719.5, 1989.7, 0.0); (385242.2,
3811377.5, 716.5, 1989.7, 0.0);
(385253.4, 3811356.0, 716.1, 1989.7, 0.0); (385264.5,
3811334.5, 718.7, 1989.7, 0.0);
(385275.7, 3811313.0, 724.7, 1989.7, 0.0); (385286.8,
3811291.5, 730.6, 1989.7, 0.0);
(385298.0, 3811270.0, 733.3, 1989.7, 0.0); (385309.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811248.5,  | 732.8,     | 1989.7, | 0.0);   |       |             |
| ( 385320.3, | 3811227.0, | 732.9,  | 1989.7, | 0.0); | ( 385331.4, |
| 3811205.5,  | 731.6,     | 1989.7, | 0.0);   |       |             |
| ( 385342.6, | 3811184.0, | 728.7,  | 1989.7, | 0.0); | ( 385353.7, |
| 3811162.5,  | 726.3,     | 1989.7, | 0.0);   |       |             |
| ( 385364.9, | 3811141.0, | 724.8,  | 1989.7, | 0.0); | ( 385376.0, |
| 3811119.6,  | 724.9,     | 1989.7, | 0.0);   |       |             |
| ( 385387.2, | 3811098.1, | 723.5,  | 1989.7, | 0.0); | ( 385398.3, |
| 3811076.6,  | 721.9,     | 1989.7, | 0.0);   |       |             |
| ( 385409.5, | 3811055.1, | 722.9,  | 1989.7, | 0.0); | ( 385420.6, |
| 3811033.6,  | 721.6,     | 1989.7, | 0.0);   |       |             |
| ( 385431.8, | 3811012.1, | 721.8,  | 1989.7, | 0.0); | ( 385442.9, |
| 3810990.6,  | 722.1,     | 1989.7, | 0.0);   |       |             |
| ( 385454.1, | 3810969.1, | 722.1,  | 1989.7, | 0.0); | ( 385465.2, |
| 3810947.6,  | 722.0,     | 1989.7, | 0.0);   |       |             |
| ( 385476.4, | 3810926.1, | 721.5,  | 1989.7, | 0.0); | ( 385487.5, |
| 3810904.6,  | 721.7,     | 1989.7, | 0.0);   |       |             |
| ( 385498.7, | 3810883.1, | 721.7,  | 1989.7, | 0.0); | ( 385509.8, |
| 3810861.6,  | 722.1,     | 1989.7, | 0.0);   |       |             |
| ( 385521.0, | 3810840.2, | 722.4,  | 1989.7, | 0.0); | ( 385532.1, |
| 3810818.7,  | 722.9,     | 1989.7, | 0.0);   |       |             |
| ( 385543.3, | 3810797.2, | 723.3,  | 1989.7, | 0.0); | ( 385554.4, |
| 3810775.7,  | 723.9,     | 1989.7, | 0.0);   |       |             |
| ( 385565.6, | 3810754.2, | 724.8,  | 1989.7, | 0.0); | ( 385576.7, |
| 3810732.7,  | 725.7,     | 1989.7, | 0.0);   |       |             |
| ( 385587.8, | 3810711.2, | 726.5,  | 1989.7, | 0.0); | ( 385599.0, |
| 3810689.7,  | 727.2,     | 1989.7, | 0.0);   |       |             |
| ( 385610.1, | 3810668.2, | 728.3,  | 1989.7, | 0.0); | ( 385621.3, |
| 3810646.7,  | 728.8,     | 1989.7, | 0.0);   |       |             |
| ( 385632.5, | 3810625.2, | 729.6,  | 1989.7, | 0.0); | ( 385643.6, |
| 3810603.7,  | 731.1,     | 1989.7, | 0.0);   |       |             |
| ( 385654.8, | 3810582.2, | 733.3,  | 1989.7, | 0.0); | ( 385665.9, |
| 3810560.8,  | 739.6,     | 1989.7, | 0.0);   |       |             |
| ( 385677.0, | 3810539.3, | 747.2,  | 1989.7, | 0.0); | ( 385688.2, |
| 3810517.8,  | 757.3,     | 1989.7, | 0.0);   |       |             |
| ( 385699.3, | 3810496.3, | 766.3,  | 1989.7, | 0.0); | ( 385710.5, |
| 3810474.8,  | 771.9,     | 1989.7, | 0.0);   |       |             |
| ( 385721.6, | 3810453.3, | 777.7,  | 1989.7, | 0.0); | ( 385732.8, |
| 3810431.8,  | 776.2,     | 1989.7, | 0.0);   |       |             |
| ( 385744.0, | 3810410.3, | 779.3,  | 1989.7, | 0.0); | ( 385755.1, |
| 3810388.8,  | 779.9,     | 1989.7, | 0.0);   |       |             |
| ( 385766.2, | 3810367.3, | 781.0,  | 1989.7, | 0.0); | ( 385777.4, |
| 3810345.8,  | 780.7,     | 1989.7, | 0.0);   |       |             |
| ( 385788.5, | 3810324.3, | 778.4,  | 1989.7, | 0.0); | ( 385799.7, |
| 3810302.8,  | 773.8,     | 1989.7, | 0.0);   |       |             |
| ( 385810.8, | 3810281.3, | 772.1,  | 1989.7, | 0.0); | ( 385822.0, |
| 3810259.9,  | 773.2,     | 1989.7, | 0.0);   |       |             |
| ( 385833.1, | 3810238.4, | 777.5,  | 1989.7, | 0.0); | ( 385844.3, |
| 3810216.9,  | 781.9,     | 1989.7, | 0.0);   |       |             |
| ( 385855.4, | 3810195.4, | 783.3,  | 1989.7, | 0.0); | ( 385866.6, |



```

3810173.9, 784.0, 1989.7, 0.0);
 (385877.7, 3810152.4, 783.8, 1989.7, 0.0); (385888.9,
3810130.9, 785.5, 1989.7, 0.0);
 (385900.0, 3810109.4, 786.8, 1989.7, 0.0); (385911.2,
3810087.9, 785.8, 1989.7, 0.0);
 (385922.3, 3810066.4, 780.8, 1989.7, 0.0); (385933.5,
3810044.9, 775.9, 1989.7, 0.0);
 (385944.6, 3810023.4, 772.4, 1989.7, 0.0); (385955.8,
3810001.9, 764.4, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 263

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (385966.9, 3809980.4, 760.9, 1989.7, 0.0); (385978.1,
3809959.0, 761.6, 1989.7, 0.0);
 (385989.2, 3809937.5, 760.3, 1989.7, 0.0); (386000.4,
3809916.0, 760.2, 1989.7, 0.0);
 (386011.5, 3809894.5, 761.8, 1989.7, 0.0); (386022.7,
3809873.0, 763.5, 1989.7, 0.0);
 (386033.8, 3809851.5, 768.4, 1989.7, 0.0); (386045.0,
3809830.0, 768.0, 1989.7, 0.0);
 (386056.1, 3809808.5, 767.4, 1989.7, 0.0); (386067.3,
3809787.0, 763.3, 1989.7, 0.0);
 (386078.4, 3809765.5, 763.2, 1989.7, 0.0); (386089.6,
3809744.0, 764.1, 1989.7, 0.0);
 (386100.7, 3809722.5, 765.0, 1989.7, 0.0); (386111.9,
3809701.0, 765.6, 1989.7, 0.0);
 (386123.0, 3809679.6, 767.5, 1989.7, 0.0); (386134.2,
3809658.1, 773.9, 1989.7, 0.0);
 (386145.3, 3809636.6, 780.9, 1989.7, 0.0); (386156.5,
3809615.1, 790.0, 1989.7, 0.0);
 (386167.6, 3809593.6, 796.0, 1989.7, 0.0); (386178.8,
3809572.1, 802.0, 1989.7, 0.0);
 (386189.9, 3809550.6, 808.2, 1989.7, 0.0); (386201.1,
3809529.1, 814.2, 1989.7, 0.0);
 (386212.2, 3809507.6, 827.8, 1989.7, 0.0); (386223.4,
3809486.1, 845.1, 1989.7, 0.0);
 (386234.5, 3809464.6, 863.5, 1989.7, 0.0); (386245.7,
3809443.1, 871.4, 1989.7, 0.0);
 (386256.8, 3809421.6, 874.2, 1989.7, 0.0); (386268.0,
3809400.1, 877.6, 1989.7, 0.0);
 (386279.1, 3809378.7, 885.7, 1989.7, 0.0); (386290.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809357.2,  | 890.4,     | 1989.7, | 0.0);   |       |             |
| ( 386301.4, | 3809335.7, | 887.7,  | 1989.7, | 0.0); | ( 386312.6, |
| 3809314.2,  | 876.8,     | 1989.7, | 0.0);   |       |             |
| ( 386323.7, | 3809292.7, | 862.0,  | 1989.7, | 0.0); | ( 386334.9, |
| 3809271.2,  | 847.4,     | 1989.7, | 0.0);   |       |             |
| ( 386346.0, | 3809249.7, | 834.1,  | 1989.7, | 0.0); | ( 386357.2, |
| 3809228.2,  | 834.7,     | 1989.7, | 0.0);   |       |             |
| ( 386368.3, | 3809206.7, | 846.1,  | 1989.7, | 0.0); | ( 386379.5, |
| 3809185.2,  | 863.4,     | 1989.7, | 0.0);   |       |             |
| ( 386390.6, | 3809163.7, | 879.0,  | 1989.7, | 0.0); | ( 386401.8, |
| 3809142.2,  | 889.6,     | 1989.7, | 0.0);   |       |             |
| ( 386412.9, | 3809120.8, | 897.0,  | 1989.7, | 0.0); | ( 386424.0, |
| 3809099.2,  | 902.9,     | 1989.7, | 0.0);   |       |             |
| ( 386435.2, | 3809077.8, | 904.6,  | 1989.7, | 0.0); | ( 386446.3, |
| 3809056.3,  | 904.0,     | 1989.7, | 0.0);   |       |             |
| ( 386457.5, | 3809034.8, | 898.0,  | 1989.7, | 0.0); | ( 386468.6, |
| 3809013.3,  | 888.3,     | 1989.7, | 0.0);   |       |             |
| ( 386479.8, | 3808991.8, | 882.2,  | 1989.7, | 0.0); | ( 386491.0, |
| 3808970.3,  | 878.3,     | 1989.7, | 0.0);   |       |             |
| ( 386502.1, | 3808948.8, | 879.6,  | 1989.7, | 0.0); | ( 386513.2, |
| 3808927.3,  | 883.0,     | 1989.7, | 0.0);   |       |             |
| ( 386524.4, | 3808905.8, | 884.8,  | 1989.7, | 0.0); | ( 386535.5, |
| 3808884.3,  | 884.8,     | 1989.7, | 0.0);   |       |             |
| ( 386546.7, | 3808862.8, | 881.5,  | 1989.7, | 0.0); | ( 386557.8, |
| 3808841.3,  | 876.9,     | 1989.7, | 0.0);   |       |             |
| ( 386569.0, | 3808819.8, | 868.6,  | 1989.7, | 0.0); | ( 386580.1, |
| 3808798.4,  | 863.3,     | 1989.7, | 0.0);   |       |             |
| ( 386591.3, | 3808776.9, | 863.3,  | 1989.7, | 0.0); | ( 386602.4, |
| 3808755.4,  | 866.4,     | 1989.7, | 0.0);   |       |             |
| ( 386613.6, | 3808733.9, | 857.8,  | 1989.7, | 0.0); | ( 386624.7, |
| 3808712.4,  | 851.7,     | 1989.7, | 0.0);   |       |             |
| ( 386635.9, | 3808690.9, | 845.7,  | 1989.7, | 0.0); | ( 386647.0, |
| 3808669.4,  | 839.8,     | 1989.7, | 0.0);   |       |             |
| ( 386658.2, | 3808647.9, | 835.7,  | 1989.7, | 0.0); | ( 386669.3, |
| 3808626.4,  | 833.3,     | 1989.7, | 0.0);   |       |             |
| ( 386680.5, | 3808604.9, | 835.6,  | 1989.7, | 0.0); | ( 386691.6, |
| 3808583.4,  | 836.3,     | 1989.7, | 0.0);   |       |             |
| ( 386702.8, | 3808561.9, | 841.5,  | 1989.7, | 0.0); | ( 386713.9, |
| 3808540.4,  | 851.1,     | 1989.7, | 0.0);   |       |             |
| ( 386725.1, | 3808518.9, | 852.1,  | 1989.7, | 0.0); | ( 386736.2, |
| 3808497.5,  | 850.9,     | 1989.7, | 0.0);   |       |             |
| ( 386747.4, | 3808476.0, | 849.5,  | 1989.7, | 0.0); | ( 386758.5, |
| 3808454.5,  | 853.3,     | 1989.7, | 0.0);   |       |             |
| ( 386769.7, | 3808433.0, | 854.6,  | 1989.7, | 0.0); | ( 386780.8, |
| 3808411.5,  | 853.3,     | 1989.7, | 0.0);   |       |             |
| ( 386792.0, | 3808390.0, | 848.7,  | 1989.7, | 0.0); | ( 386803.1, |
| 3808368.5,  | 848.6,     | 1989.7, | 0.0);   |       |             |
| ( 386814.3, | 3808347.0, | 847.8,  | 1989.7, | 0.0); | ( 386825.4, |
| 3808325.5,  | 849.5,     | 1989.7, | 0.0);   |       |             |
| ( 386836.6, | 3808304.0, | 851.0,  | 1989.7, | 0.0); | ( 386847.7, |

```

3808282.5, 851.3, 1989.7, 0.0);
(386858.9, 3808261.0, 852.8, 1989.7, 0.0); (386870.0,
3808239.5, 854.0, 1989.7, 0.0);
(386881.2, 3808218.1, 855.6, 1989.7, 0.0); (386892.3,
3808196.6, 857.6, 1989.7, 0.0);
(386903.5, 3808175.1, 861.6, 1989.7, 0.0); (386914.6,
3808153.6, 861.9, 1989.7, 0.0);
(386925.8, 3808132.1, 864.0, 1989.7, 0.0); (386936.9,
3808110.6, 870.3, 1989.7, 0.0);
(386948.1, 3808089.1, 879.6, 1989.7, 0.0); (386959.2,
3808067.6, 889.6, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 264

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(386970.4, 3808046.1, 893.2, 1989.7, 0.0); (386981.5,
3808024.6, 893.4, 1989.7, 0.0);
(386992.7, 3808003.1, 897.1, 1989.7, 0.0); (387003.8,
3807981.6, 901.3, 1989.7, 0.0);
(387015.0, 3807960.1, 904.1, 1989.7, 0.0); (387026.1,
3807938.6, 905.1, 1989.7, 0.0);
(387037.3, 3807917.2, 908.4, 1989.7, 0.0); (387048.4,
3807895.7, 909.4, 1989.7, 0.0);
(387059.6, 3807874.2, 910.1, 1989.7, 0.0); (387070.7,
3807852.7, 912.4, 1989.7, 0.0);
(387081.9, 3807831.2, 914.1, 1989.7, 0.0); (387093.0,
3807809.7, 915.5, 1989.7, 0.0);
(387104.2, 3807788.2, 916.1, 1989.7, 0.0); (387115.3,
3807766.7, 915.3, 1989.7, 0.0);
(387126.5, 3807745.2, 917.9, 1989.7, 0.0); (387137.6,
3807723.7, 920.7, 1989.7, 0.0);
(387148.8, 3807702.2, 923.7, 1989.7, 0.0); (387159.9,
3807680.7, 929.9, 1989.7, 0.0);
(387171.1, 3807659.2, 932.7, 1989.7, 0.0); (387182.2,
3807637.8, 933.1, 1989.7, 0.0);
(387193.4, 3807616.3, 940.5, 1989.7, 0.0); (387204.5,
3807594.8, 944.8, 1989.7, 0.0);
(387215.7, 3807573.3, 948.1, 1989.7, 0.0); (387226.8,
3807551.8, 945.7, 1989.7, 0.0);
(387238.0, 3807530.3, 944.6, 1989.7, 0.0); (387249.1,
3807508.8, 945.7, 1989.7, 0.0);
(387260.2, 3807487.3, 947.8, 1989.7, 0.0); (387271.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807465.8,  | 948.4,     | 1989.7, | 0.0);   |       |             |
| ( 387282.5, | 3807444.3, | 944.7,  | 1989.7, | 0.0); | ( 387293.7, |
| 3807422.8,  | 943.7,     | 1989.7, | 0.0);   |       |             |
| ( 387304.8, | 3807401.3, | 943.6,  | 1989.7, | 0.0); | ( 387316.0, |
| 3807379.8,  | 940.8,     | 1989.7, | 0.0);   |       |             |
| ( 387327.1, | 3807358.3, | 945.0,  | 1989.7, | 0.0); | ( 387338.3, |
| 3807336.9,  | 948.7,     | 1989.7, | 0.0);   |       |             |
| ( 387349.5, | 3807315.4, | 953.4,  | 1989.7, | 0.0); | ( 387360.6, |
| 3807293.9,  | 956.6,     | 1989.7, | 0.0);   |       |             |
| ( 387371.8, | 3807272.4, | 956.2,  | 1989.7, | 0.0); | ( 387382.9, |
| 3807250.9,  | 959.1,     | 1989.7, | 0.0);   |       |             |
| ( 387394.0, | 3807229.4, | 961.1,  | 1989.7, | 0.0); | ( 387405.2, |
| 3807207.9,  | 965.7,     | 1989.7, | 0.0);   |       |             |
| ( 387416.3, | 3807186.4, | 967.1,  | 1989.7, | 0.0); | ( 387427.5, |
| 3807164.9,  | 972.6,     | 1989.7, | 0.0);   |       |             |
| ( 387438.6, | 3807143.4, | 974.9,  | 1989.7, | 0.0); | ( 387449.8, |
| 3807121.9,  | 980.5,     | 1989.7, | 0.0);   |       |             |
| ( 387460.9, | 3807100.4, | 985.9,  | 1989.7, | 0.0); | ( 387472.1, |
| 3807078.9,  | 993.6,     | 1989.7, | 0.0);   |       |             |
| ( 387483.2, | 3807057.5, | 996.5,  | 1989.7, | 0.0); | ( 387494.4, |
| 3807036.0,  | 997.6,     | 1989.7, | 0.0);   |       |             |
| ( 387505.5, | 3807014.5, | 999.6,  | 1989.7, | 0.0); | ( 387516.7, |
| 3806993.0,  | 1005.2,    | 1989.7, | 0.0);   |       |             |
| ( 387527.8, | 3806971.5, | 1009.9, | 1989.7, | 0.0); | ( 387539.0, |
| 3806950.0,  | 1017.1,    | 1989.7, | 0.0);   |       |             |
| ( 387550.1, | 3806928.5, | 1023.0, | 1989.7, | 0.0); | ( 387561.3, |
| 3806907.0,  | 1028.2,    | 1989.7, | 0.0);   |       |             |
| ( 387572.4, | 3806885.5, | 1033.2, | 1989.7, | 0.0); | ( 387583.6, |
| 3806864.0,  | 1039.3,    | 1989.7, | 0.0);   |       |             |
| ( 387594.7, | 3806842.5, | 1044.7, | 1989.7, | 0.0); | ( 387605.9, |
| 3806821.0,  | 1049.0,    | 1989.7, | 0.0);   |       |             |
| ( 387617.0, | 3806799.5, | 1055.7, | 1989.7, | 0.0); | ( 387651.8, |
| 3806772.8,  | 1059.8,    | 1989.7, | 0.0);   |       |             |
| ( 387675.5, | 3806767.5, | 1051.0, | 1989.7, | 0.0); | ( 387699.1, |
| 3806762.3,  | 1048.1,    | 1989.7, | 0.0);   |       |             |
| ( 387722.7, | 3806757.0, | 1054.9, | 1989.7, | 0.0); | ( 387746.4, |
| 3806751.8,  | 1056.9,    | 1989.7, | 0.0);   |       |             |
| ( 387770.0, | 3806746.5, | 1055.5, | 1989.7, | 0.0); | ( 387793.6, |
| 3806741.2,  | 1058.6,    | 1989.7, | 0.0);   |       |             |
| ( 387817.3, | 3806736.0, | 1068.3, | 1989.7, | 0.0); | ( 387840.9, |
| 3806730.7,  | 1077.2,    | 1989.7, | 0.0);   |       |             |
| ( 387864.5, | 3806725.5, | 1082.4, | 1989.7, | 0.0); | ( 387888.2, |
| 3806720.2,  | 1087.5,    | 1989.7, | 0.0);   |       |             |
| ( 387911.8, | 3806715.0, | 1094.2, | 1989.7, | 0.0); | ( 387935.4, |
| 3806709.7,  | 1099.1,    | 1989.7, | 0.0);   |       |             |
| ( 387959.1, | 3806704.5, | 1103.0, | 1989.7, | 0.0); | ( 387982.7, |
| 3806699.2,  | 1106.6,    | 1989.7, | 0.0);   |       |             |
| ( 388006.3, | 3806693.9, | 1109.6, | 1989.7, | 0.0); | ( 388030.0, |
| 3806688.7,  | 1111.8,    | 1989.7, | 0.0);   |       |             |
| ( 388053.6, | 3806683.4, | 1114.6, | 1989.7, | 0.0); | ( 388077.2, |

```

3806678.2, 1119.2, 1989.7, 0.0);
(388100.9, 3806672.9, 1122.8, 1989.7, 0.0); (388124.5,
3806667.7, 1126.1, 1989.7, 0.0);
(388148.1, 3806662.4, 1130.0, 1989.7, 0.0); (388171.8,
3806657.1, 1131.1, 1989.7, 0.0);
(388195.4, 3806651.9, 1123.0, 1989.7, 0.0); (388219.0,
3806646.6, 1113.9, 1989.7, 0.0);
(388242.7, 3806641.4, 1117.6, 1989.7, 0.0); (388266.3,
3806636.1, 1127.8, 1989.7, 0.0);
(388290.0, 3806630.9, 1132.9, 1989.7, 0.0); (388313.6,
3806625.6, 1133.0, 1989.7, 0.0);
(388337.2, 3806620.3, 1131.5, 1989.7, 0.0); (388360.9,
3806615.1, 1128.2, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 265

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(388384.5, 3806609.8, 1123.9, 1989.7, 0.0); (388408.1,
3806604.6, 1123.8, 1989.7, 0.0);
(388431.8, 3806599.3, 1129.8, 1989.7, 0.0); (388455.4,
3806594.1, 1135.5, 1989.7, 0.0);
(388479.0, 3806588.8, 1141.4, 1989.7, 0.0); (388502.7,
3806583.5, 1147.3, 1989.7, 0.0);
(388526.3, 3806578.3, 1153.8, 1989.7, 0.0); (388549.9,
3806573.0, 1164.9, 1989.7, 0.0);
(388573.6, 3806567.8, 1179.6, 1989.7, 0.0); (388597.2,
3806562.5, 1191.1, 1989.7, 0.0);
(388620.8, 3806557.3, 1202.3, 1989.7, 0.0); (388644.5,
3806552.0, 1215.1, 1989.7, 0.0);
(388668.1, 3806546.8, 1228.5, 1989.7, 0.0); (388691.8,
3806541.5, 1240.8, 1989.7, 0.0);
(388715.4, 3806536.2, 1247.3, 1989.7, 0.0); (388739.0,
3806531.0, 1249.9, 1989.7, 0.0);
(388762.6, 3806525.7, 1254.1, 1989.7, 0.0); (388786.3,
3806520.5, 1262.3, 1989.7, 0.0);
(388809.9, 3806515.2, 1275.7, 1989.7, 0.0); (388833.6,
3806509.9, 1289.8, 1989.7, 0.0);
(388857.2, 3806504.7, 1304.4, 1989.7, 0.0); (388880.8,
3806499.4, 1318.3, 1989.7, 0.0);
(388904.5, 3806494.2, 1332.1, 1989.7, 0.0); (388928.1,
3806488.9, 1346.3, 1989.7, 0.0);
(388951.7, 3806483.7, 1360.7, 1989.7, 0.0); (388975.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3806478.4,  | 1375.2,    | 1989.7, | 0.0);   |       |             |
| ( 388999.0, | 3806473.1, | 1390.6, | 1989.7, | 0.0); | ( 389022.6, |
| 3806467.9,  | 1407.2,    | 1989.7, | 0.0);   |       |             |
| ( 389046.3, | 3806462.6, | 1424.9, | 1989.7, | 0.0); | ( 389069.9, |
| 3806457.4,  | 1443.3,    | 1989.7, | 0.0);   |       |             |
| ( 389093.5, | 3806452.1, | 1460.1, | 1989.7, | 0.0); | ( 389117.2, |
| 3806446.9,  | 1468.3,    | 1989.7, | 0.0);   |       |             |
| ( 389140.8, | 3806441.6, | 1462.3, | 1989.7, | 0.0); | ( 389164.4, |
| 3806436.3,  | 1451.4,    | 1989.7, | 0.0);   |       |             |
| ( 389188.1, | 3806431.1, | 1442.5, | 1989.7, | 0.0); | ( 389211.7, |
| 3806425.8,  | 1441.7,    | 1989.7, | 0.0);   |       |             |
| ( 389235.3, | 3806420.6, | 1442.0, | 1989.7, | 0.0); | ( 389259.0, |
| 3806415.3,  | 1434.9,    | 1989.7, | 0.0);   |       |             |
| ( 389282.6, | 3806410.1, | 1422.8, | 1989.7, | 0.0); | ( 389306.2, |
| 3806404.8,  | 1414.3,    | 1989.7, | 0.0);   |       |             |
| ( 389329.9, | 3806399.5, | 1411.8, | 1989.7, | 0.0); | ( 389353.5, |
| 3806394.3,  | 1411.7,    | 1989.7, | 0.0);   |       |             |
| ( 389377.2, | 3806389.0, | 1410.9, | 1989.7, | 0.0); | ( 389400.8, |
| 3806383.8,  | 1406.2,    | 1989.7, | 0.0);   |       |             |
| ( 389424.4, | 3806378.5, | 1396.6, | 1989.7, | 0.0); | ( 389448.1, |
| 3806373.3,  | 1383.7,    | 1989.7, | 0.0);   |       |             |
| ( 389471.7, | 3806368.0, | 1370.2, | 1989.7, | 0.0); | ( 389495.3, |
| 3806362.8,  | 1357.8,    | 1989.7, | 0.0);   |       |             |
| ( 389519.0, | 3806357.5, | 1348.2, | 1989.7, | 0.0); | ( 389542.6, |
| 3806352.2,  | 1343.4,    | 1989.7, | 0.0);   |       |             |
| ( 389566.2, | 3806347.0, | 1341.4, | 1989.7, | 0.0); | ( 389589.9, |
| 3806341.7,  | 1340.5,    | 1989.7, | 0.0);   |       |             |
| ( 389613.5, | 3806336.5, | 1339.0, | 1989.7, | 0.0); | ( 389637.1, |
| 3806331.2,  | 1334.1,    | 1989.7, | 0.0);   |       |             |
| ( 389660.8, | 3806325.9, | 1328.5, | 1989.7, | 0.0); | ( 389684.4, |
| 3806320.7,  | 1328.0,    | 1989.7, | 0.0);   |       |             |
| ( 389708.0, | 3806315.4, | 1329.4, | 1989.7, | 0.0); | ( 389731.7, |
| 3806310.2,  | 1331.1,    | 1989.7, | 0.0);   |       |             |
| ( 389755.3, | 3806304.9, | 1331.4, | 1989.7, | 0.0); | ( 389779.0, |
| 3806299.7,  | 1330.8,    | 1989.7, | 0.0);   |       |             |
| ( 389802.6, | 3806294.4, | 1331.6, | 1989.7, | 0.0); | ( 389826.2, |
| 3806289.2,  | 1331.0,    | 1989.7, | 0.0);   |       |             |
| ( 389849.8, | 3806283.9, | 1328.9, | 1989.7, | 0.0); | ( 389873.5, |
| 3806278.6,  | 1328.5,    | 1989.7, | 0.0);   |       |             |
| ( 389897.1, | 3806273.4, | 1329.7, | 1989.7, | 0.0); | ( 389920.8, |
| 3806268.1,  | 1331.6,    | 1989.7, | 0.0);   |       |             |
| ( 389944.4, | 3806262.9, | 1334.5, | 1989.7, | 0.0); | ( 389968.0, |
| 3806257.6,  | 1337.9,    | 1989.7, | 0.0);   |       |             |
| ( 389991.7, | 3806252.4, | 1341.1, | 1989.7, | 0.0); | ( 390015.3, |
| 3806247.1,  | 1343.8,    | 1989.7, | 0.0);   |       |             |
| ( 390038.9, | 3806241.8, | 1349.0, | 1989.7, | 0.0); | ( 390062.6, |
| 3806236.6,  | 1356.3,    | 1989.7, | 0.0);   |       |             |
| ( 390086.2, | 3806231.3, | 1364.9, | 1989.7, | 0.0); | ( 390109.8, |
| 3806226.1,  | 1375.1,    | 1989.7, | 0.0);   |       |             |
| ( 390133.5, | 3806220.8, | 1386.4, | 1989.7, | 0.0); | ( 390157.1, |

```

3806215.6, 1395.7, 1989.7, 0.0);
(390180.7, 3806210.3, 1404.9, 1989.7, 0.0); (390204.4,
3806205.0, 1414.5, 1989.7, 0.0);
(390228.0, 3806199.8, 1424.1, 1989.7, 0.0); (390251.6,
3806194.5, 1434.3, 1989.7, 0.0);
(390275.3, 3806189.3, 1445.5, 1989.7, 0.0); (390298.9,
3806184.0, 1457.0, 1989.7, 0.0);
(390322.5, 3806178.8, 1466.0, 1989.7, 0.0); (390346.2,
3806173.5, 1475.0, 1989.7, 0.0);
(390369.8, 3806168.2, 1485.2, 1989.7, 0.0); (390393.5,
3806163.0, 1493.4, 1989.7, 0.0);
(390417.1, 3806157.7, 1495.6, 1989.7, 0.0); (390440.7,
3806152.5, 1490.9, 1989.7, 0.0);
(390464.4, 3806147.2, 1492.5, 1989.7, 0.0); (390488.0,
3806142.0, 1500.8, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 266

```

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(390511.6, 3806136.7, 1512.1, 1989.7, 0.0); (390535.3,
3806131.4, 1524.1, 1989.7, 0.0);
(390558.9, 3806126.2, 1535.9, 1989.7, 0.0); (390582.5,
3806120.9, 1547.7, 1989.7, 0.0);
(390606.2, 3806115.7, 1560.9, 1989.7, 0.0); (390629.8,
3806110.4, 1575.1, 1989.7, 0.0);
(390653.4, 3806105.2, 1588.8, 1989.7, 0.0); (390677.1,
3806099.9, 1601.9, 1989.7, 0.0);
(390700.7, 3806094.6, 1616.0, 1989.7, 0.0); (390724.3,
3806089.4, 1628.9, 1989.7, 0.0);
(390748.0, 3806084.1, 1642.5, 1989.7, 0.0); (390771.6,
3806078.9, 1658.4, 1989.7, 0.0);
(390795.2, 3806073.6, 1675.7, 1989.7, 0.0); (390818.9,
3806068.4, 1692.0, 1989.7, 0.0);
(390842.5, 3806063.1, 1708.6, 1989.7, 0.0); (390866.1,
3806057.8, 1726.2, 1989.7, 0.0);
(390889.8, 3806052.6, 1744.4, 1989.7, 0.0); (390913.4,
3806047.3, 1764.6, 1989.7, 0.0);
(390937.0, 3806042.1, 1784.5, 1989.7, 0.0); (390960.7,
3806036.8, 1802.2, 1989.7, 0.0);
(390984.3, 3806031.6, 1815.8, 1989.7, 0.0); (391008.0,
3806026.3, 1824.5, 1989.5, 0.0);
(391031.6, 3806021.0, 1829.8, 1985.5, 0.0); (391055.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3806015.8,  | 1826.7,    | 1989.7, | 0.0);   |       |             |
| ( 391078.9, | 3806010.5, | 1817.5, | 1989.7, | 0.0); | ( 391102.5, |
| 3806005.3,  | 1811.6,    | 1989.7, | 0.0);   |       |             |
| ( 391126.1, | 3806000.0, | 1815.4, | 1989.7, | 0.0); | ( 391149.8, |
| 3805994.8,  | 1821.5,    | 1989.7, | 0.0);   |       |             |
| ( 391173.4, | 3805989.5, | 1828.0, | 1989.7, | 0.0); | ( 391197.0, |
| 3805984.2,  | 1832.2,    | 1989.7, | 0.0);   |       |             |
| ( 391220.7, | 3805979.0, | 1831.7, | 1989.7, | 0.0); | ( 391244.3, |
| 3805973.7,  | 1827.6,    | 1989.7, | 0.0);   |       |             |
| ( 391267.9, | 3805968.5, | 1822.3, | 1989.7, | 0.0); | ( 391291.6, |
| 3805963.2,  | 1817.8,    | 1989.7, | 0.0);   |       |             |
| ( 391315.2, | 3805958.0, | 1814.9, | 1989.7, | 0.0); | ( 391338.8, |
| 3805952.7,  | 1810.8,    | 1989.7, | 0.0);   |       |             |
| ( 391362.5, | 3805947.4, | 1805.4, | 1989.7, | 0.0); | ( 391386.1, |
| 3805942.2,  | 1800.9,    | 1989.7, | 0.0);   |       |             |
| ( 391409.8, | 3805936.9, | 1798.0, | 1989.7, | 0.0); | ( 391433.4, |
| 3805931.7,  | 1794.1,    | 1989.7, | 0.0);   |       |             |
| ( 391457.0, | 3805926.4, | 1790.3, | 1989.7, | 0.0); | ( 391480.7, |
| 3805921.2,  | 1786.4,    | 1989.7, | 0.0);   |       |             |
| ( 391504.3, | 3805915.9, | 1782.1, | 1989.7, | 0.0); | ( 391527.9, |
| 3805910.6,  | 1778.1,    | 1989.7, | 0.0);   |       |             |
| ( 391551.6, | 3805905.4, | 1775.1, | 1989.7, | 0.0); | ( 391575.2, |
| 3805900.1,  | 1773.7,    | 1989.7, | 0.0);   |       |             |
| ( 391598.8, | 3805894.9, | 1773.5, | 1989.7, | 0.0); | ( 391622.5, |
| 3805889.6,  | 1772.2,    | 1989.7, | 0.0);   |       |             |
| ( 391646.1, | 3805884.4, | 1768.7, | 1989.7, | 0.0); | ( 391669.7, |
| 3805879.1,  | 1763.5,    | 1989.7, | 0.0);   |       |             |
| ( 391693.4, | 3805873.8, | 1758.0, | 1989.7, | 0.0); | ( 391717.0, |
| 3805868.6,  | 1753.6,    | 1989.7, | 0.0);   |       |             |
| ( 391740.6, | 3805863.3, | 1748.7, | 1989.7, | 0.0); | ( 391764.3, |
| 3805858.1,  | 1741.0,    | 1989.7, | 0.0);   |       |             |
| ( 391787.9, | 3805852.8, | 1735.1, | 1989.7, | 0.0); | ( 391811.5, |
| 3805847.6,  | 1731.6,    | 1989.7, | 0.0);   |       |             |
| ( 391835.2, | 3805842.3, | 1729.2, | 1989.7, | 0.0); | ( 391858.8, |
| 3805837.1,  | 1726.4,    | 1989.7, | 0.0);   |       |             |
| ( 391882.5, | 3805831.8, | 1722.6, | 1989.7, | 0.0); | ( 391906.1, |
| 3805826.5,  | 1720.3,    | 1989.7, | 0.0);   |       |             |
| ( 391929.7, | 3805821.3, | 1719.6, | 1989.7, | 0.0); | ( 391953.3, |
| 3805816.0,  | 1716.4,    | 1989.7, | 0.0);   |       |             |
| ( 391977.0, | 3805810.8, | 1711.0, | 1989.7, | 0.0); | ( 392000.6, |
| 3805805.5,  | 1705.0,    | 1989.7, | 0.0);   |       |             |
| ( 392024.3, | 3805800.3, | 1697.1, | 1989.7, | 0.0); | ( 392047.9, |
| 3805795.0,  | 1688.8,    | 1989.7, | 0.0);   |       |             |
| ( 392071.5, | 3805789.7, | 1679.9, | 1989.7, | 0.0); | ( 392095.2, |
| 3805784.5,  | 1672.5,    | 1989.7, | 0.0);   |       |             |
| ( 392118.8, | 3805779.2, | 1667.3, | 1989.7, | 0.0); | ( 392142.4, |
| 3805774.0,  | 1667.0,    | 1989.7, | 0.0);   |       |             |
| ( 392166.1, | 3805768.7, | 1666.1, | 1989.7, | 0.0); | ( 392189.7, |
| 3805763.5,  | 1664.1,    | 1989.7, | 0.0);   |       |             |
| ( 392213.3, | 3805758.2, | 1663.6, | 1989.7, | 0.0); | ( 392237.0, |



```

3805752.9, 1662.3, 1989.7, 0.0);
(392260.6, 3805747.7, 1655.5, 1989.7, 0.0); (392284.2,
3805742.4, 1645.0, 1989.7, 0.0);
(392307.9, 3805737.2, 1636.2, 1989.7, 0.0); (392331.5,
3805731.9, 1628.6, 1989.7, 0.0);
(392355.1, 3805726.7, 1625.2, 1989.7, 0.0); (392378.8,
3805721.4, 1618.6, 1989.7, 0.0);
(392402.4, 3805716.1, 1609.4, 1989.7, 0.0); (392426.0,
3805710.9, 1598.6, 1989.7, 0.0);
(392449.7, 3805705.6, 1590.9, 1989.7, 0.0); (392473.3,
3805700.4, 1582.0, 1989.7, 0.0);
(392497.0, 3805695.1, 1571.7, 1989.7, 0.0); (392520.6,
3805689.9, 1562.9, 1989.7, 0.0);
(392544.2, 3805684.6, 1556.2, 1989.7, 0.0); (392567.9,
3805679.3, 1549.8, 1989.7, 0.0);
(392591.5, 3805674.1, 1542.6, 1989.7, 0.0); (392615.1,
3805668.8, 1535.0, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 267

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392638.8, 3805663.6, 1528.4, 1989.7, 0.0); (392662.4,
3805658.3, 1522.8, 1989.7, 0.0);
(392686.0, 3805653.1, 1519.5, 1989.7, 0.0); (392709.7,
3805647.8, 1516.4, 1989.7, 0.0);
(392733.3, 3805642.5, 1522.4, 1989.7, 0.0); (392756.9,
3805637.3, 1531.0, 1989.7, 0.0);
(392780.6, 3805632.0, 1537.4, 1989.7, 0.0); (392804.2,
3805626.8, 1535.2, 1989.7, 0.0);
(392827.8, 3805621.5, 1530.2, 1989.7, 0.0); (392851.5,
3805616.3, 1532.8, 1989.7, 0.0);
(392875.1, 3805611.0, 1540.6, 1989.7, 0.0); (392898.7,
3805605.8, 1547.7, 1989.7, 0.0);
(392922.4, 3805600.5, 1552.2, 1989.7, 0.0); (392946.0,
3805595.2, 1551.2, 1989.7, 0.0);
(392969.6, 3805590.0, 1549.0, 1989.7, 0.0); (392993.3,
3805584.7, 1553.4, 1989.7, 0.0);
(393016.9, 3805579.5, 1554.1, 1989.7, 0.0); (393040.5,
3805574.2, 1547.8, 1989.7, 0.0);
(393064.2, 3805568.9, 1546.3, 1989.7, 0.0); (393087.8,
3805563.7, 1550.2, 1989.7, 0.0);
(393111.5, 3805558.4, 1546.5, 1989.7, 0.0); (393135.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805553.2,  | 1535.9,    | 1989.7, | 0.0);   |       |             |
| ( 393158.7, | 3805547.9, | 1522.9, | 1989.7, | 0.0); | ( 393182.4, |
| 3805542.7,  | 1509.8,    | 1989.7, | 0.0);   |       |             |
| ( 393206.0, | 3805537.4, | 1496.9, | 1989.7, | 0.0); | ( 393229.6, |
| 3805532.1,  | 1483.4,    | 1989.7, | 0.0);   |       |             |
| ( 393253.3, | 3805526.9, | 1473.0, | 1989.7, | 0.0); | ( 393276.9, |
| 3805521.6,  | 1476.5,    | 1989.7, | 0.0);   |       |             |
| ( 393300.5, | 3805516.4, | 1494.2, | 1989.7, | 0.0); | ( 393324.2, |
| 3805511.1,  | 1509.8,    | 1989.7, | 0.0);   |       |             |
| ( 393347.8, | 3805505.9, | 1518.0, | 1989.7, | 0.0); | ( 393371.4, |
| 3805500.6,  | 1516.2,    | 1989.7, | 0.0);   |       |             |
| ( 393395.1, | 3805495.3, | 1514.0, | 1989.7, | 0.0); | ( 393418.7, |
| 3805490.1,  | 1517.3,    | 1989.7, | 0.0);   |       |             |
| ( 393442.3, | 3805484.8, | 1525.4, | 1989.7, | 0.0); | ( 393466.0, |
| 3805479.6,  | 1535.7,    | 1989.7, | 0.0);   |       |             |
| ( 393489.6, | 3805474.3, | 1547.3, | 1989.7, | 0.0); | ( 393513.2, |
| 3805469.1,  | 1560.2,    | 1989.7, | 0.0);   |       |             |
| ( 393536.9, | 3805463.8, | 1576.9, | 1989.7, | 0.0); | ( 393560.5, |
| 3805458.5,  | 1594.2,    | 1989.7, | 0.0);   |       |             |
| ( 393584.1, | 3805453.3, | 1611.3, | 1989.7, | 0.0); | ( 393607.8, |
| 3805448.0,  | 1629.1,    | 1989.7, | 0.0);   |       |             |
| ( 393631.4, | 3805442.8, | 1646.9, | 1989.7, | 0.0); | ( 393655.1, |
| 3805437.5,  | 1663.6,    | 1989.7, | 0.0);   |       |             |
| ( 393678.7, | 3805432.3, | 1678.7, | 1989.7, | 0.0); | ( 393702.3, |
| 3805427.0,  | 1691.4,    | 1989.7, | 0.0);   |       |             |
| ( 393726.0, | 3805421.8, | 1698.6, | 1989.7, | 0.0); | ( 393749.6, |
| 3805416.5,  | 1699.9,    | 1989.7, | 0.0);   |       |             |
| ( 393773.2, | 3805411.2, | 1697.2, | 1989.7, | 0.0); | ( 393796.9, |
| 3805406.0,  | 1693.0,    | 1989.7, | 0.0);   |       |             |
| ( 393820.5, | 3805400.7, | 1690.1, | 1989.7, | 0.0); | ( 393844.1, |
| 3805395.5,  | 1687.9,    | 1989.7, | 0.0);   |       |             |
| ( 393867.8, | 3805390.2, | 1684.9, | 1989.7, | 0.0); | ( 393891.4, |
| 3805385.0,  | 1682.4,    | 1989.7, | 0.0);   |       |             |
| ( 393915.0, | 3805379.7, | 1682.3, | 1989.7, | 0.0); | ( 393938.7, |
| 3805374.4,  | 1683.3,    | 1989.7, | 0.0);   |       |             |
| ( 393962.3, | 3805369.2, | 1682.1, | 1989.7, | 0.0); | ( 393985.9, |
| 3805363.9,  | 1676.8,    | 1989.7, | 0.0);   |       |             |
| ( 394009.6, | 3805358.7, | 1668.9, | 1989.7, | 0.0); | ( 394033.2, |
| 3805353.4,  | 1659.3,    | 1989.7, | 0.0);   |       |             |
| ( 394056.8, | 3805348.2, | 1650.0, | 1989.7, | 0.0); | ( 394080.5, |
| 3805342.9,  | 1640.4,    | 1989.7, | 0.0);   |       |             |
| ( 394104.1, | 3805337.6, | 1636.2, | 1989.7, | 0.0); | ( 394127.8, |
| 3805332.4,  | 1637.2,    | 1989.7, | 0.0);   |       |             |
| ( 394151.4, | 3805327.1, | 1637.4, | 1989.7, | 0.0); | ( 394175.0, |
| 3805321.9,  | 1634.1,    | 1989.7, | 0.0);   |       |             |
| ( 394198.7, | 3805316.6, | 1626.3, | 1989.7, | 0.0); | ( 394222.3, |
| 3805311.4,  | 1613.9,    | 1989.7, | 0.0);   |       |             |
| ( 394245.9, | 3805306.1, | 1599.9, | 1989.7, | 0.0); | ( 394269.6, |
| 3805300.8,  | 1588.5,    | 1989.7, | 0.0);   |       |             |
| ( 394293.2, | 3805295.6, | 1588.6, | 1989.7, | 0.0); | ( 394316.8, |

```

3805290.3, 1600.3, 1989.7, 0.0);
(394340.5, 3805285.1, 1613.9, 1989.7, 0.0); (394364.1,
3805279.8, 1627.5, 1989.7, 0.0);
(394387.7, 3805274.6, 1640.6, 1989.7, 0.0); (394411.4,
3805269.3, 1651.0, 1989.7, 0.0);
(394435.0, 3805264.0, 1659.6, 1989.7, 0.0); (394458.6,
3805258.8, 1667.5, 1989.7, 0.0);
(394482.3, 3805253.5, 1675.1, 1989.7, 0.0); (394505.9,
3805248.3, 1682.1, 1989.7, 0.0);
(394529.5, 3805243.0, 1687.9, 1989.7, 0.0); (394553.2,
3805237.8, 1690.8, 1989.7, 0.0);
(394576.8, 3805232.5, 1690.2, 1989.7, 0.0); (394600.5,
3805227.2, 1686.7, 1989.7, 0.0);
(394624.1, 3805222.0, 1680.8, 1989.7, 0.0); (394647.7,
3805216.7, 1674.1, 1989.7, 0.0);
(394671.3, 3805211.5, 1667.3, 1989.7, 0.0); (394695.0,
3805206.2, 1661.4, 1989.7, 0.0);
(394718.6, 3805201.0, 1655.1, 1989.7, 0.0); (394742.3,
3805195.7, 1651.2, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 268

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394765.9, 3805190.4, 1649.2, 1989.7, 0.0); (394789.5,
3805185.2, 1649.7, 1989.7, 0.0);
(394813.2, 3805179.9, 1650.2, 1989.7, 0.0); (394836.8,
3805174.7, 1649.8, 1989.7, 0.0);
(394860.4, 3805169.4, 1648.8, 1989.7, 0.0); (394884.1,
3805164.2, 1644.6, 1989.7, 0.0);
(394907.7, 3805158.9, 1637.7, 1989.7, 0.0); (394931.3,
3805153.6, 1636.5, 1989.7, 0.0);
(394955.0, 3805148.4, 1649.5, 1989.7, 0.0); (394978.6,
3805143.1, 1665.8, 1982.4, 0.0);
(395002.2, 3805137.9, 1681.7, 1830.9, 0.0); (395025.9,
3805132.6, 1694.2, 1830.9, 0.0);
(395049.5, 3805127.4, 1700.5, 1830.9, 0.0); (395073.1,
3805122.1, 1702.3, 1830.9, 0.0);
(395096.8, 3805116.8, 1706.9, 1830.9, 0.0); (395120.4,
3805111.6, 1715.5, 1821.0, 0.0);
(395144.0, 3805106.3, 1725.1, 1805.6, 0.0); (395167.7,
3805101.1, 1734.3, 1805.6, 0.0);
(395191.3, 3805095.8, 1740.8, 1805.6, 0.0); (395215.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805090.6,  | 1742.6,    | 1805.6, | 0.0);   |       |             |
| ( 395238.6, | 3805085.3, | 1741.3, | 1805.6, | 0.0); | ( 395262.2, |
| 3805080.0,  | 1738.4,    | 1805.6, | 0.0);   |       |             |
| ( 395285.9, | 3805074.8, | 1734.2, | 1805.6, | 0.0); | ( 395309.5, |
| 3805069.5,  | 1729.8,    | 1830.9, | 0.0);   |       |             |
| ( 395333.1, | 3805064.3, | 1724.5, | 1830.9, | 0.0); | ( 395356.8, |
| 3805059.0,  | 1724.5,    | 1830.9, | 0.0);   |       |             |
| ( 395380.4, | 3805053.8, | 1724.1, | 1830.9, | 0.0); | ( 395404.0, |
| 3805048.5,  | 1719.2,    | 1830.9, | 0.0);   |       |             |
| ( 395427.7, | 3805043.2, | 1718.9, | 1830.9, | 0.0); | ( 395451.3, |
| 3805038.0,  | 1720.8,    | 1830.9, | 0.0);   |       |             |
| ( 395474.9, | 3805032.7, | 1720.4, | 1830.9, | 0.0); | ( 395498.6, |
| 3805027.5,  | 1718.3,    | 1830.9, | 0.0);   |       |             |
| ( 395522.2, | 3805022.2, | 1717.3, | 1830.9, | 0.0); | ( 395545.8, |
| 3805017.0,  | 1717.8,    | 1830.9, | 0.0);   |       |             |
| ( 395569.5, | 3805011.7, | 1721.7, | 1830.9, | 0.0); | ( 395593.1, |
| 3805006.5,  | 1730.1,    | 1830.9, | 0.0);   |       |             |
| ( 395616.8, | 3805001.2, | 1740.2, | 1830.9, | 0.0); | ( 395640.4, |
| 3804995.9,  | 1751.2,    | 1830.9, | 0.0);   |       |             |
| ( 395664.0, | 3804990.7, | 1763.5, | 1829.9, | 0.0); | ( 395687.6, |
| 3804985.4,  | 1776.5,    | 1805.6, | 0.0);   |       |             |
| ( 395711.3, | 3804980.2, | 1788.3, | 1805.6, | 0.0); | ( 395734.9, |
| 3804974.9,  | 1796.6,    | 1805.6, | 0.0);   |       |             |
| ( 395758.5, | 3804969.7, | 1802.0, | 1802.0, | 0.0); | ( 395782.2, |
| 3804964.4,  | 1804.7,    | 1804.7, | 0.0);   |       |             |
| ( 395805.8, | 3804959.1, | 1802.3, | 1805.6, | 0.0); | ( 395829.5, |
| 3804953.9,  | 1794.9,    | 1805.6, | 0.0);   |       |             |
| ( 395853.1, | 3804948.6, | 1785.8, | 1805.6, | 0.0); | ( 395876.7, |
| 3804943.4,  | 1777.3,    | 1830.9, | 0.0);   |       |             |
| ( 395900.4, | 3804938.1, | 1768.9, | 1830.9, | 0.0); | ( 395924.0, |
| 3804932.9,  | 1759.9,    | 1830.9, | 0.0);   |       |             |
| ( 395947.6, | 3804927.6, | 1751.8, | 1830.9, | 0.0); | ( 395971.3, |
| 3804922.3,  | 1743.8,    | 1830.9, | 0.0);   |       |             |
| ( 395994.9, | 3804917.1, | 1733.9, | 1830.9, | 0.0); | ( 396018.5, |
| 3804911.8,  | 1722.5,    | 1830.9, | 0.0);   |       |             |
| ( 396042.2, | 3804906.6, | 1711.4, | 1830.9, | 0.0); | ( 396065.8, |
| 3804901.3,  | 1703.3,    | 1830.9, | 0.0);   |       |             |
| ( 396089.4, | 3804896.1, | 1698.5, | 1830.9, | 0.0); | ( 396113.1, |
| 3804890.8,  | 1695.3,    | 1830.9, | 0.0);   |       |             |
| ( 396136.7, | 3804885.5, | 1690.8, | 1830.9, | 0.0); | ( 396160.3, |
| 3804880.3,  | 1686.8,    | 1830.9, | 0.0);   |       |             |
| ( 396184.0, | 3804875.0, | 1687.9, | 1830.9, | 0.0); | ( 396207.6, |
| 3804869.8,  | 1692.2,    | 1830.9, | 0.0);   |       |             |
| ( 396231.2, | 3804864.5, | 1698.6, | 1830.9, | 0.0); | ( 396254.9, |
| 3804859.3,  | 1708.3,    | 1830.9, | 0.0);   |       |             |
| ( 396278.5, | 3804854.0, | 1713.9, | 1830.9, | 0.0); | ( 396302.2, |
| 3804848.8,  | 1714.0,    | 1830.9, | 0.0);   |       |             |
| ( 396325.8, | 3804843.5, | 1709.6, | 1830.9, | 0.0); | ( 396349.4, |
| 3804838.2,  | 1702.3,    | 1830.9, | 0.0);   |       |             |
| ( 396373.1, | 3804833.0, | 1693.7, | 1830.9, | 0.0); | ( 396396.7, |

```

3804827.7, 1684.5, 1830.9, 0.0);
(396420.3, 3804822.5, 1676.1, 1830.9, 0.0); (396444.0,
3804817.2, 1668.0, 1830.9, 0.0);
(396467.6, 3804811.9, 1658.9, 1830.9, 0.0); (396491.2,
3804806.7, 1651.4, 1830.9, 0.0);
(396514.9, 3804801.4, 1649.8, 1830.9, 0.0); (396538.5,
3804796.2, 1654.7, 1830.9, 0.0);
(396562.1, 3804790.9, 1661.2, 1830.9, 0.0); (396585.8,
3804785.7, 1660.9, 1830.9, 0.0);
(396609.4, 3804780.4, 1657.5, 1830.9, 0.0); (396633.0,
3804775.1, 1655.6, 1830.9, 0.0);
(396656.7, 3804769.9, 1657.5, 1830.9, 0.0); (396680.3,
3804764.6, 1662.4, 1830.9, 0.0);
(396704.0, 3804759.4, 1665.4, 1830.9, 0.0); (396727.6,
3804754.1, 1665.5, 1830.9, 0.0);
(396751.2, 3804748.9, 1674.5, 1830.9, 0.0); (396774.8,
3804743.6, 1689.2, 1830.9, 0.0);
(396798.5, 3804738.3, 1703.8, 1830.9, 0.0); (396822.1,
3804733.1, 1717.4, 1830.9, 0.0);
(396845.8, 3804727.8, 1729.2, 1830.9, 0.0); (396869.4,
3804722.6, 1737.5, 1830.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 269

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396893.0, 3804717.3, 1741.1, 1830.9, 0.0); (396916.7,
3804712.1, 1739.6, 1830.9, 0.0);
(396940.3, 3804706.8, 1734.1, 1830.9, 0.0); (396963.9,
3804701.5, 1726.0, 1830.9, 0.0);
(396987.6, 3804696.3, 1716.2, 1830.9, 0.0); (397011.2,
3804691.0, 1705.2, 1830.9, 0.0);
(397034.8, 3804685.8, 1692.9, 1830.9, 0.0); (397058.5,
3804680.5, 1681.1, 1830.9, 0.0);
(397082.1, 3804675.3, 1671.3, 1830.9, 0.0); (397105.7,
3804670.0, 1663.7, 1830.9, 0.0);
(397129.4, 3804664.8, 1657.7, 1830.9, 0.0); (397153.0,
3804659.5, 1650.8, 1830.9, 0.0);
(397176.6, 3804654.2, 1640.9, 1830.9, 0.0); (397200.3,
3804649.0, 1630.5, 1830.9, 0.0);
(397223.9, 3804643.7, 1623.8, 1830.9, 0.0); (397247.5,
3804638.5, 1621.4, 1830.9, 0.0);
(397271.2, 3804633.2, 1618.3, 1830.9, 0.0); (397294.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3804627.9,  | 1610.4,    | 1830.9, | 0.0);   |       |             |
| ( 397318.5, | 3804622.7, | 1604.8, | 1830.9, | 0.0); | ( 397342.1, |
| 3804617.4,  | 1596.3,    | 1830.9, | 0.0);   |       |             |
| ( 383012.4, | 3815676.0, | 858.4,  | 1151.4, | 0.0); | ( 383011.3, |
| 3815700.2,  | 847.8,     | 1151.4, | 0.0);   |       |             |
| ( 383010.3, | 3815724.4, | 836.6,  | 1151.4, | 0.0); | ( 383009.3, |
| 3815748.6,  | 834.6,     | 1151.4, | 0.0);   |       |             |
| ( 383008.3, | 3815772.8, | 837.2,  | 1151.4, | 0.0); | ( 383007.3, |
| 3815797.0,  | 841.8,     | 1151.4, | 0.0);   |       |             |
| ( 383006.3, | 3815821.2, | 847.4,  | 1151.4, | 0.0); | ( 394679.2, |
| 3816182.2,  | 913.6,     | 1439.5, | 0.0);   |       |             |
| ( 394692.6, | 3816161.0, | 912.8,  | 1439.5, | 0.0); | ( 394845.9, |
| 3816228.2,  | 918.1,     | 1439.5, | 0.0);   |       |             |
| ( 394745.9, | 3816165.1, | 911.7,  | 1439.5, | 0.0); | ( 394739.2, |
| 3816131.4,  | 909.0,     | 1439.5, | 0.0);   |       |             |
| ( 394765.9, | 3816089.1, | 902.8,  | 1439.5, | 0.0); | ( 394832.6, |
| 3816072.0,  | 904.3,     | 1439.5, | 0.0);   |       |             |
| ( 394812.6, | 3816059.4, | 902.6,  | 1439.5, | 0.0); | ( 394712.6, |
| 3815996.3,  | 902.0,     | 1439.5, | 0.0);   |       |             |
| ( 394899.3, | 3816054.9, | 912.6,  | 1353.8, | 0.0); | ( 394859.3, |
| 3816029.7,  | 908.3,     | 1353.8, | 0.0);   |       |             |
| ( 394839.3, | 3816017.1, | 906.5,  | 1439.5, | 0.0); | ( 394779.2, |
| 3815979.3,  | 899.2,     | 1439.5, | 0.0);   |       |             |
| ( 394905.9, | 3816000.0, | 902.9,  | 1439.5, | 0.0); | ( 394685.9, |
| 3815861.3,  | 896.7,     | 1439.5, | 0.0);   |       |             |
| ( 394665.9, | 3815848.7, | 896.5,  | 1426.7, | 0.0); | ( 394932.6, |
| 3815957.7,  | 902.1,     | 1353.8, | 0.0);   |       |             |
| ( 394752.6, | 3815844.2, | 898.4,  | 1353.8, | 0.0); | ( 394732.6, |
| 3815831.6,  | 898.2,     | 1353.8, | 0.0);   |       |             |
| ( 394712.6, | 3815819.0, | 898.1,  | 1353.8, | 0.0); | ( 395086.0, |
| 3815936.2,  | 906.9,     | 1353.8, | 0.0);   |       |             |
| ( 394986.0, | 3815873.2, | 905.2,  | 1353.8, | 0.0); | ( 394945.9, |
| 3815847.9,  | 904.3,     | 1353.8, | 0.0);   |       |             |
| ( 394885.9, | 3815810.1, | 903.3,  | 1353.8, | 0.0); | ( 394865.9, |
| 3815797.5,  | 903.1,     | 1353.8, | 0.0);   |       |             |
| ( 394845.9, | 3815784.9, | 903.1,  | 1353.8, | 0.0); | ( 394765.9, |
| 3815734.4,  | 902.5,     | 1353.8, | 0.0);   |       |             |
| ( 394745.9, | 3815721.8, | 904.7,  | 1353.8, | 0.0); | ( 395119.3, |
| 3815839.0,  | 910.8,     | 1353.8, | 0.0);   |       |             |
| ( 395099.3, | 3815826.4, | 910.4,  | 1353.8, | 0.0); | ( 395079.3, |
| 3815813.8,  | 910.1,     | 1353.8, | 0.0);   |       |             |
| ( 395059.3, | 3815801.2, | 909.8,  | 1353.8, | 0.0); | ( 395039.3, |
| 3815788.6,  | 909.4,     | 1353.8, | 0.0);   |       |             |
| ( 395019.3, | 3815776.0, | 908.8,  | 1353.8, | 0.0); | ( 394999.3, |
| 3815763.3,  | 908.5,     | 1353.8, | 0.0);   |       |             |
| ( 394919.3, | 3815712.9, | 908.2,  | 1353.8, | 0.0); | ( 394899.3, |
| 3815700.3,  | 908.2,     | 1353.8, | 0.0);   |       |             |
| ( 394879.3, | 3815687.7, | 908.0,  | 1353.8, | 0.0); | ( 394799.3, |
| 3815637.2,  | 913.5,     | 1353.8, | 0.0);   |       |             |
| ( 395172.6, | 3815754.4, | 916.0,  | 1606.1, | 0.0); | ( 395152.6, |

```

3815741.8, 915.7, 1353.8, 0.0);
 (395132.6, 3815729.2, 915.3, 1353.8, 0.0); (395112.6,
3815716.6, 914.8, 1353.8, 0.0);
 (395092.6, 3815704.0, 913.9, 1353.8, 0.0); (395072.6,
3815691.4, 913.2, 1353.8, 0.0);
 (395052.6, 3815678.8, 913.3, 1353.8, 0.0); (395012.6,
3815653.5, 914.0, 1353.8, 0.0);
 (394972.6, 3815628.3, 913.4, 1353.8, 0.0); (394952.6,
3815615.7, 912.9, 1353.8, 0.0);
 (394932.6, 3815603.1, 912.5, 1353.8, 0.0); (394912.6,
3815590.5, 912.0, 1353.8, 0.0);
 (395206.0, 3815657.2, 921.6, 1606.1, 0.0); (395186.0,
3815644.6, 921.5, 1353.8, 0.0);
 (395166.0, 3815632.0, 921.8, 1353.8, 0.0); (395146.0,
3815619.4, 922.5, 1353.8, 0.0);
 (395126.0, 3815606.8, 920.1, 1353.8, 0.0); (395106.0,
3815594.2, 918.9, 1353.8, 0.0);
 (395086.0, 3815581.6, 918.8, 1353.8, 0.0); (394986.0,
3815518.5, 925.2, 1353.8, 0.0);
 (394966.0, 3815505.9, 927.1, 1353.8, 0.0); (394946.0,
3815493.3, 927.5, 1353.8, 0.0);
 (395259.3, 3815572.7, 929.7, 1606.1, 0.0); (395239.3,
3815560.0, 933.7, 1353.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 270

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (395219.3, 3815547.4, 936.5, 1353.8, 0.0); (395199.3,
3815534.8, 934.6, 1353.8, 0.0);
 (395179.3, 3815522.2, 929.6, 1353.8, 0.0); (395159.3,
3815509.6, 928.0, 1353.8, 0.0);
 (395139.3, 3815497.0, 926.7, 1353.8, 0.0); (395119.3,
3815484.4, 924.9, 1353.8, 0.0);
 (395019.3, 3815421.3, 934.9, 1353.8, 0.0); (394999.3,
3815408.7, 934.4, 1353.8, 0.0);
 (394979.3, 3815396.1, 934.0, 1353.8, 0.0); (394959.3,
3815383.4, 933.4, 1353.8, 0.0);
 (395432.7, 3815386.4, 943.6, 1606.9, 0.0); (395412.7,
3815373.8, 943.8, 1606.9, 0.0);
 (395392.7, 3815361.2, 948.5, 1353.8, 0.0); (395372.7,
3815348.6, 953.5, 1353.8, 0.0);
 (395352.7, 3815336.0, 954.0, 1353.8, 0.0); (395332.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815323.4,  | 954.1,     | 1353.8, | 0.0);   |       |             |
| ( 395312.7, | 3815310.8, | 953.9,  | 1353.8, | 0.0); | ( 395292.7, |
| 3815298.1,  | 952.4,     | 1353.8, | 0.0);   |       |             |
| ( 395272.7, | 3815285.5, | 946.9,  | 1353.8, | 0.0); | ( 395252.7, |
| 3815272.9,  | 941.4,     | 1353.8, | 0.0);   |       |             |
| ( 395232.7, | 3815260.3, | 942.9,  | 1353.8, | 0.0); | ( 395212.7, |
| 3815247.7,  | 948.5,     | 1353.8, | 0.0);   |       |             |
| ( 395192.7, | 3815235.1, | 953.3,  | 1353.8, | 0.0); | ( 395172.7, |
| 3815222.4,  | 953.8,     | 1353.8, | 0.0);   |       |             |
| ( 395152.7, | 3815209.8, | 953.1,  | 1353.8, | 0.0); | ( 395132.7, |
| 3815197.2,  | 950.9,     | 1353.8, | 0.0);   |       |             |
| ( 395112.7, | 3815184.6, | 947.5,  | 1353.8, | 0.0); | ( 395092.6, |
| 3815172.0,  | 944.8,     | 1353.8, | 0.0);   |       |             |
| ( 395566.0, | 3815175.0, | 964.6,  | 1606.9, | 0.0); | ( 395546.0, |
| 3815162.4,  | 968.9,     | 1353.8, | 0.0);   |       |             |
| ( 395526.0, | 3815149.7, | 971.3,  | 1353.8, | 0.0); | ( 395506.0, |
| 3815137.1,  | 972.1,     | 1353.8, | 0.0);   |       |             |
| ( 395486.0, | 3815124.5, | 972.6,  | 1353.8, | 0.0); | ( 395466.0, |
| 3815111.9,  | 973.1,     | 1353.8, | 0.0);   |       |             |
| ( 395446.0, | 3815099.3, | 973.1,  | 1353.8, | 0.0); | ( 395426.0, |
| 3815086.7,  | 973.1,     | 1353.8, | 0.0);   |       |             |
| ( 395406.0, | 3815074.1, | 972.2,  | 1353.8, | 0.0); | ( 395386.0, |
| 3815061.4,  | 967.0,     | 1353.8, | 0.0);   |       |             |
| ( 395366.0, | 3815048.8, | 962.1,  | 1353.8, | 0.0); | ( 395346.0, |
| 3815036.2,  | 967.1,     | 1353.8, | 0.0);   |       |             |
| ( 395326.0, | 3815023.6, | 975.2,  | 1353.8, | 0.0); | ( 395306.0, |
| 3815011.0,  | 981.1,     | 1353.8, | 0.0);   |       |             |
| ( 395286.0, | 3814998.4, | 985.3,  | 1353.8, | 0.0); | ( 395266.0, |
| 3814985.8,  | 987.0,     | 1353.8, | 0.0);   |       |             |
| ( 395246.0, | 3814973.1, | 984.0,  | 1353.8, | 0.0); | ( 395226.0, |
| 3814960.5,  | 984.7,     | 1353.8, | 0.0);   |       |             |
| ( 395699.4, | 3814963.5, | 989.0,  | 1353.8, | 0.0); | ( 395679.4, |
| 3814950.9,  | 987.2,     | 1353.8, | 0.0);   |       |             |
| ( 395659.4, | 3814938.3, | 987.5,  | 1353.8, | 0.0); | ( 395639.4, |
| 3814925.7,  | 990.1,     | 1353.8, | 0.0);   |       |             |
| ( 395619.4, | 3814913.0, | 993.0,  | 1353.8, | 0.0); | ( 395599.4, |
| 3814900.4,  | 993.9,     | 1353.8, | 0.0);   |       |             |
| ( 395579.4, | 3814887.8, | 994.8,  | 1353.8, | 0.0); | ( 395559.4, |
| 3814875.2,  | 995.1,     | 1353.8, | 0.0);   |       |             |
| ( 395539.4, | 3814862.6, | 995.5,  | 1353.8, | 0.0); | ( 395519.4, |
| 3814850.0,  | 995.4,     | 1353.8, | 0.0);   |       |             |
| ( 395499.4, | 3814837.4, | 995.0,  | 1353.8, | 0.0); | ( 395479.4, |
| 3814824.8,  | 995.3,     | 1353.8, | 0.0);   |       |             |
| ( 395459.4, | 3814812.1, | 994.6,  | 1353.8, | 0.0); | ( 395439.4, |
| 3814799.5,  | 991.6,     | 1353.8, | 0.0);   |       |             |
| ( 395419.4, | 3814786.9, | 993.0,  | 1353.8, | 0.0); | ( 395399.4, |
| 3814774.3,  | 998.8,     | 1353.8, | 0.0);   |       |             |
| ( 395379.4, | 3814761.7, | 1003.2, | 1353.8, | 0.0); | ( 395359.4, |
| 3814749.1,  | 1007.0,    | 1353.8, | 0.0);   |       |             |
| ( 395832.8, | 3814752.0, | 1013.1, | 1353.8, | 0.0); | ( 395812.8, |



```

3814739.4, 1013.5, 1353.8, 0.0);
(395792.8, 3814726.8, 1015.2, 1353.8, 0.0); (395772.8,
3814714.2, 1015.7, 1353.8, 0.0);
(395752.8, 3814701.6, 1015.8, 1353.8, 0.0); (395732.8,
3814689.0, 1016.8, 1353.8, 0.0);
(395712.8, 3814676.4, 1017.7, 1353.8, 0.0); (395692.8,
3814663.8, 1017.8, 1353.8, 0.0);
(395672.7, 3814651.1, 1017.3, 1353.8, 0.0); (395652.7,
3814638.5, 1019.6, 1353.8, 0.0);
(395632.7, 3814625.9, 1020.5, 1353.8, 0.0); (395612.7,
3814613.3, 1020.2, 1353.8, 0.0);
(395592.7, 3814600.7, 1019.5, 1353.8, 0.0); (395572.7,
3814588.1, 1021.7, 1353.8, 0.0);
(395552.7, 3814575.4, 1024.9, 1353.8, 0.0); (395532.7,
3814562.8, 1027.8, 1353.8, 0.0);
(395512.7, 3814550.2, 1031.2, 1353.8, 0.0); (395492.7,
3814537.6, 1034.9, 1353.8, 0.0);
(396099.5, 3814329.1, 1124.5, 1353.8, 0.0); (396079.5,
3814316.5, 1123.0, 1353.8, 0.0);
(396059.5, 3814303.9, 1131.9, 1353.8, 0.0); (396039.5,
3814291.3, 1142.7, 1353.8, 0.0);
(396019.5, 3814278.7, 1152.9, 1353.8, 0.0); (395999.5,
3814266.1, 1160.3, 1353.8, 0.0);
(395979.5, 3814253.4, 1166.5, 1353.8, 0.0); (395959.5,
3814240.8, 1173.0, 1353.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 271

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395939.5, 3814228.2, 1179.9, 1353.8, 0.0); (395919.5,
3814215.6, 1186.5, 1353.8, 0.0);
(395899.5, 3814203.0, 1189.4, 1353.8, 0.0); (395879.5,
3814190.4, 1185.1, 1353.8, 0.0);
(395859.5, 3814177.8, 1177.9, 1353.8, 0.0); (395839.5,
3814165.1, 1169.5, 1353.8, 0.0);
(395819.5, 3814152.5, 1161.5, 1353.8, 0.0); (395799.5,
3814139.9, 1162.3, 1353.8, 0.0);
(395779.5, 3814127.3, 1168.5, 1353.8, 0.0); (395759.4,
3814114.7, 1177.2, 1353.8, 0.0);
(396366.2, 3813906.2, 1271.5, 1353.8, 0.0); (396346.2,
3813893.6, 1267.7, 1353.8, 0.0);
(396326.2, 3813881.0, 1265.4, 1353.8, 0.0); (396306.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813868.4,  | 1264.2,    | 1353.8, | 0.0);   |       |             |
| ( 396286.2, | 3813855.8, | 1257.9, | 1353.8, | 0.0); | ( 396266.2, |
| 3813843.1,  | 1248.8,    | 1353.8, | 0.0);   |       |             |
| ( 396246.2, | 3813830.5, | 1239.3, | 1353.8, | 0.0); | ( 396226.2, |
| 3813817.9,  | 1229.0,    | 1353.8, | 0.0);   |       |             |
| ( 396206.2, | 3813805.3, | 1226.4, | 1353.8, | 0.0); | ( 396186.2, |
| 3813792.7,  | 1228.8,    | 1353.8, | 0.0);   |       |             |
| ( 396166.2, | 3813780.1, | 1238.4, | 1353.8, | 0.0); | ( 396146.2, |
| 3813767.4,  | 1252.2,    | 1353.8, | 0.0);   |       |             |
| ( 396126.2, | 3813754.8, | 1264.5, | 1353.8, | 0.0); | ( 396106.2, |
| 3813742.2,  | 1266.7,    | 1353.8, | 0.0);   |       |             |
| ( 396086.2, | 3813729.6, | 1262.3, | 1353.8, | 0.0); | ( 396066.2, |
| 3813717.0,  | 1252.6,    | 1353.8, | 0.0);   |       |             |
| ( 396046.2, | 3813704.4, | 1244.8, | 1353.8, | 0.0); | ( 396026.2, |
| 3813691.8,  | 1246.6,    | 1353.8, | 0.0);   |       |             |
| ( 396632.9, | 3813483.3, | 1241.7, | 1353.8, | 0.0); | ( 396612.9, |
| 3813470.7,  | 1231.4,    | 1353.8, | 0.0);   |       |             |
| ( 396592.9, | 3813458.1, | 1220.2, | 1353.8, | 0.0); | ( 396572.9, |
| 3813445.4,  | 1207.8,    | 1353.8, | 0.0);   |       |             |
| ( 396552.9, | 3813432.8, | 1195.7, | 1353.8, | 0.0); | ( 396532.9, |
| 3813420.2,  | 1184.9,    | 1353.8, | 0.0);   |       |             |
| ( 396512.9, | 3813407.6, | 1174.3, | 1353.8, | 0.0); | ( 396492.9, |
| 3813395.0,  | 1165.8,    | 1353.8, | 0.0);   |       |             |
| ( 396472.9, | 3813382.4, | 1158.2, | 1353.8, | 0.0); | ( 396452.9, |
| 3813369.8,  | 1150.6,    | 1353.8, | 0.0);   |       |             |
| ( 396432.9, | 3813357.1, | 1145.4, | 1353.8, | 0.0); | ( 396412.9, |
| 3813344.5,  | 1138.0,    | 1353.8, | 0.0);   |       |             |
| ( 396392.9, | 3813331.9, | 1130.0, | 1353.8, | 0.0); | ( 396372.9, |
| 3813319.3,  | 1122.2,    | 1353.8, | 0.0);   |       |             |
| ( 396352.9, | 3813306.7, | 1115.7, | 1353.8, | 0.0); | ( 396332.9, |
| 3813294.1,  | 1110.1,    | 1353.8, | 0.0);   |       |             |
| ( 396312.9, | 3813281.5, | 1104.7, | 1353.8, | 0.0); | ( 396292.9, |
| 3813268.8,  | 1099.7,    | 1353.8, | 0.0);   |       |             |
| ( 396899.6, | 3813060.4, | 1224.7, | 1353.8, | 0.0); | ( 396879.6, |
| 3813047.8,  | 1216.0,    | 1353.8, | 0.0);   |       |             |
| ( 396859.6, | 3813035.1, | 1207.1, | 1353.8, | 0.0); | ( 396839.6, |
| 3813022.5,  | 1200.1,    | 1353.8, | 0.0);   |       |             |
| ( 396819.6, | 3813009.9, | 1195.6, | 1353.8, | 0.0); | ( 396799.6, |
| 3812997.3,  | 1195.8,    | 1353.8, | 0.0);   |       |             |
| ( 396779.6, | 3812984.7, | 1192.6, | 1353.8, | 0.0); | ( 396759.6, |
| 3812972.1,  | 1182.6,    | 1353.8, | 0.0);   |       |             |
| ( 396739.6, | 3812959.4, | 1171.2, | 1353.8, | 0.0); | ( 396719.6, |
| 3812946.8,  | 1159.0,    | 1353.8, | 0.0);   |       |             |
| ( 396699.6, | 3812934.2, | 1146.0, | 1353.8, | 0.0); | ( 396679.6, |
| 3812921.6,  | 1133.7,    | 1353.8, | 0.0);   |       |             |
| ( 396659.6, | 3812909.0, | 1122.7, | 1353.8, | 0.0); | ( 396639.6, |
| 3812896.4,  | 1113.6,    | 1708.3, | 0.0);   |       |             |
| ( 396619.6, | 3812883.8, | 1105.0, | 1759.6, | 0.0); | ( 396599.6, |
| 3812871.1,  | 1097.9,    | 1759.6, | 0.0);   |       |             |
| ( 396579.6, | 3812858.5, | 1093.5, | 1759.6, | 0.0); | ( 396559.6, |

```

3812845.9, 1089.9, 1759.6, 0.0);
(397610.9, 3811932.6, 1167.3, 2084.1, 0.0); (397590.9,
3811920.0, 1168.9, 2084.1, 0.0);
(397570.9, 3811907.3, 1164.0, 2084.1, 0.0); (397550.9,
3811894.7, 1158.8, 2167.9, 0.0);
(397530.9, 3811882.1, 1154.0, 2167.9, 0.0); (397510.8,
3811869.5, 1148.1, 2167.9, 0.0);
(397490.8, 3811856.9, 1142.1, 2167.9, 0.0); (397470.8,
3811844.3, 1136.3, 2167.9, 0.0);
(397450.8, 3811831.7, 1131.2, 2167.9, 0.0); (397430.8,
3811819.0, 1125.8, 2167.9, 0.0);
(397410.8, 3811806.4, 1120.0, 2167.9, 0.0); (397390.8,
3811793.8, 1117.3, 2167.9, 0.0);
(397370.8, 3811781.2, 1116.0, 2167.9, 0.0); (397350.8,
3811768.6, 1112.1, 2167.9, 0.0);
(397330.8, 3811756.0, 1106.3, 2167.9, 0.0); (397310.8,
3811743.4, 1103.5, 2167.9, 0.0);
(397290.8, 3811730.8, 1102.4, 2167.9, 0.0); (397270.8,
3811718.1, 1101.5, 2167.9, 0.0);
(398322.1, 3810804.8, 1225.3, 2167.9, 0.0); (398302.1,
3810792.2, 1212.2, 2167.9, 0.0);
(398282.1, 3810779.5, 1197.6, 2167.9, 0.0); (398262.1,
3810766.9, 1189.9, 2167.9, 0.0);
(398242.1, 3810754.3, 1181.9, 2167.9, 0.0); (398222.1,
3810741.7, 1173.9, 2167.9, 0.0);
(398202.1, 3810729.1, 1165.2, 2167.9, 0.0); (398182.1,
3810716.5, 1155.5, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 272

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(398162.1, 3810703.9, 1146.2, 2167.9, 0.0); (398142.1,
3810691.2, 1140.1, 2167.9, 0.0);
(398122.1, 3810678.6, 1136.9, 2167.9, 0.0); (398102.1,
3810666.0, 1135.2, 2167.9, 0.0);
(398082.1, 3810653.4, 1131.0, 2167.9, 0.0); (398062.1,
3810640.8, 1127.5, 2167.9, 0.0);
(398042.1, 3810628.2, 1123.5, 2167.9, 0.0); (398022.1,
3810615.6, 1118.7, 2167.9, 0.0);
(398002.1, 3810602.9, 1113.9, 2167.9, 0.0); (397982.1,
3810590.3, 1108.8, 2167.9, 0.0);
(399033.3, 3809677.0, 1137.9, 2167.9, 0.0); (399013.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809664.4,  | 1134.5,    | 2167.9, | 0.0);   |       |             |
| ( 398993.3, | 3809651.8, | 1130.7, | 2167.9, | 0.0); | ( 398973.3, |
| 3809639.1,  | 1128.2,    | 2167.9, | 0.0);   |       |             |
| ( 398953.3, | 3809626.5, | 1129.2, | 2167.9, | 0.0); | ( 398933.3, |
| 3809613.9,  | 1135.1,    | 2167.9, | 0.0);   |       |             |
| ( 398913.3, | 3809601.3, | 1139.8, | 2167.9, | 0.0); | ( 398893.3, |
| 3809588.7,  | 1146.4,    | 2167.9, | 0.0);   |       |             |
| ( 398873.3, | 3809576.1, | 1152.5, | 2167.9, | 0.0); | ( 398853.3, |
| 3809563.5,  | 1155.5,    | 2167.9, | 0.0);   |       |             |
| ( 398833.3, | 3809550.8, | 1155.8, | 2167.9, | 0.0); | ( 398813.3, |
| 3809538.2,  | 1155.3,    | 2167.9, | 0.0);   |       |             |
| ( 398793.3, | 3809525.6, | 1149.8, | 2167.9, | 0.0); | ( 398773.3, |
| 3809513.0,  | 1142.0,    | 2167.9, | 0.0);   |       |             |
| ( 398753.3, | 3809500.4, | 1133.9, | 2167.9, | 0.0); | ( 398733.3, |
| 3809487.8,  | 1127.8,    | 2167.9, | 0.0);   |       |             |
| ( 398713.3, | 3809475.2, | 1126.5, | 2167.9, | 0.0); | ( 398693.3, |
| 3809462.5,  | 1130.2,    | 2167.9, | 0.0);   |       |             |
| ( 399744.6, | 3808549.2, | 1214.1, | 2167.9, | 0.0); | ( 399724.6, |
| 3808536.6,  | 1214.6,    | 2167.9, | 0.0);   |       |             |
| ( 399704.6, | 3808524.0, | 1215.7, | 2167.9, | 0.0); | ( 399684.6, |
| 3808511.4,  | 1216.8,    | 2167.9, | 0.0);   |       |             |
| ( 399664.6, | 3808498.7, | 1218.4, | 2167.9, | 0.0); | ( 399644.6, |
| 3808486.1,  | 1221.5,    | 2167.9, | 0.0);   |       |             |
| ( 399624.6, | 3808473.5, | 1228.8, | 2167.9, | 0.0); | ( 399604.6, |
| 3808460.9,  | 1236.4,    | 2167.9, | 0.0);   |       |             |
| ( 399584.6, | 3808448.3, | 1241.0, | 2167.9, | 0.0); | ( 399564.6, |
| 3808435.7,  | 1240.1,    | 2167.9, | 0.0);   |       |             |
| ( 399544.6, | 3808423.1, | 1239.2, | 2167.9, | 0.0); | ( 399524.6, |
| 3808410.4,  | 1239.7,    | 2167.9, | 0.0);   |       |             |
| ( 399504.6, | 3808397.8, | 1240.7, | 2167.9, | 0.0); | ( 399484.6, |
| 3808385.2,  | 1242.5,    | 2167.9, | 0.0);   |       |             |
| ( 399464.6, | 3808372.6, | 1248.5, | 2167.9, | 0.0); | ( 399444.6, |
| 3808360.0,  | 1254.6,    | 2167.9, | 0.0);   |       |             |
| ( 399424.6, | 3808347.4, | 1265.0, | 2167.9, | 0.0); | ( 399404.6, |
| 3808334.8,  | 1274.3,    | 2167.9, | 0.0);   |       |             |
| ( 400455.8, | 3807421.4, | 1407.2, | 2167.9, | 0.0); | ( 400435.8, |
| 3807408.8,  | 1418.1,    | 2167.9, | 0.0);   |       |             |
| ( 400415.8, | 3807396.2, | 1432.0, | 2167.9, | 0.0); | ( 400395.8, |
| 3807383.6,  | 1446.7,    | 2167.9, | 0.0);   |       |             |
| ( 400375.8, | 3807370.9, | 1460.8, | 2167.9, | 0.0); | ( 400355.8, |
| 3807358.3,  | 1474.4,    | 2167.9, | 0.0);   |       |             |
| ( 400335.8, | 3807345.7, | 1487.4, | 2167.9, | 0.0); | ( 400315.8, |
| 3807333.1,  | 1500.7,    | 2167.9, | 0.0);   |       |             |
| ( 400295.8, | 3807320.5, | 1512.3, | 2167.9, | 0.0); | ( 400275.8, |
| 3807307.9,  | 1522.8,    | 2167.9, | 0.0);   |       |             |
| ( 400255.8, | 3807295.3, | 1529.7, | 2167.9, | 0.0); | ( 400235.8, |
| 3807282.6,  | 1533.0,    | 2167.9, | 0.0);   |       |             |
| ( 400215.8, | 3807270.0, | 1535.4, | 2167.9, | 0.0); | ( 400195.8, |
| 3807257.4,  | 1541.7,    | 2167.9, | 0.0);   |       |             |
| ( 400175.8, | 3807244.8, | 1549.0, | 2167.9, | 0.0); | ( 400155.8, |

```

3807232.2, 1558.7, 2167.9, 0.0);
(400135.8, 3807219.6, 1570.8, 2167.9, 0.0); (400115.8,
3807207.0, 1584.5, 2167.9, 0.0);
(401167.1, 3806293.6, 1525.9, 2167.9, 0.0); (401147.1,
3806281.0, 1517.0, 2167.9, 0.0);
(401127.1, 3806268.4, 1513.0, 2167.9, 0.0); (401107.1,
3806255.8, 1511.8, 2167.9, 0.0);
(401087.1, 3806243.2, 1510.1, 2167.9, 0.0); (401067.1,
3806230.5, 1507.9, 2167.9, 0.0);
(401047.1, 3806217.9, 1501.4, 2167.9, 0.0); (401027.1,
3806205.3, 1490.8, 2167.9, 0.0);
(401007.1, 3806192.7, 1484.4, 2167.9, 0.0); (400987.1,
3806180.1, 1481.5, 2167.9, 0.0);
(400967.0, 3806167.5, 1473.0, 2167.9, 0.0); (400947.0,
3806154.9, 1465.5, 2167.9, 0.0);
(400927.0, 3806142.2, 1457.2, 2167.9, 0.0); (400907.0,
3806129.6, 1451.5, 2167.9, 0.0);
(400887.0, 3806117.0, 1445.7, 2167.9, 0.0); (400867.0,
3806104.4, 1438.0, 2167.9, 0.0);
(400847.0, 3806091.8, 1432.0, 2167.9, 0.0); (400827.0,
3806079.2, 1432.0, 2167.9, 0.0);
(394514.8, 3816079.1, 906.4, 1439.5, 0.0); (394477.6,
3816064.9, 904.7, 1439.5, 0.0);
(394523.7, 3816055.7, 905.3, 1439.5, 0.0); (394486.6,
3816041.5, 903.5, 1439.5, 0.0);
(394532.7, 3816032.4, 905.8, 1439.5, 0.0); (394541.6,
3816009.0, 903.9, 1439.5, 0.0);
(394467.3, 3815980.6, 895.1, 1439.5, 0.0); (394572.7,
3815968.9, 896.8, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 273

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394540.9, 3815955.2, 894.3, 1439.5, 0.0); (394485.1,
3815933.9, 892.5, 1439.5, 0.0);
(394594.9, 3815924.4, 894.6, 1439.5, 0.0); (394558.7,
3815908.5, 893.7, 1439.5, 0.0);
(394503.0, 3815887.2, 892.6, 1439.5, 0.0); (394609.8,
3815876.3, 894.8, 1439.5, 0.0);
(394520.8, 3815840.5, 893.3, 1439.5, 0.0); (394630.6,
3815831.0, 895.8, 1426.7, 0.0);
(394575.9, 3815808.0, 894.5, 1439.5, 0.0); (394538.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815793.8,  | 893.5,     | 1439.5, | 0.0);   |       |             |
| ( 394630.9, | 3815775.5, | 898.0,  | 1353.8, | 0.0); | ( 394593.7, |
| 3815761.3,  | 896.8,     | 1353.8, | 0.0);   |       |             |
| ( 394648.0, | 3815675.0, | 913.2,  | 1353.8, | 0.0); | ( 394610.8, |
| 3815660.8,  | 908.3,     | 1353.8, | 0.0);   |       |             |
| ( 394750.8, | 3815612.9, | 930.9,  | 1353.8, | 0.0); | ( 394683.7, |
| 3815581.6,  | 917.0,     | 1353.8, | 0.0);   |       |             |
| ( 394646.6, | 3815567.4, | 907.7,  | 1353.8, | 0.0); | ( 394787.1, |
| 3815519.9,  | 920.3,     | 1353.8, | 0.0);   |       |             |
| ( 394819.9, | 3815536.2, | 919.9,  | 1353.8, | 0.0); | ( 394700.8, |
| 3815481.1,  | 910.2,     | 1353.8, | 0.0);   |       |             |
| ( 394663.7, | 3815466.9, | 908.2,  | 1353.8, | 0.0); | ( 394806.8, |
| 3815418.4,  | 920.8,     | 1353.8, | 0.0);   |       |             |
| ( 394839.8, | 3815435.0, | 925.1,  | 1353.8, | 0.0); | ( 394718.0, |
| 3815380.6,  | 918.8,     | 1353.8, | 0.0);   |       |             |
| ( 394826.1, | 3815316.8, | 922.3,  | 1353.8, | 0.0); | ( 394859.4, |
| 3815333.5,  | 925.5,     | 1353.8, | 0.0);   |       |             |
| ( 394892.7, | 3815350.1, | 929.8,  | 1353.8, | 0.0); | ( 394790.9, |
| 3815301.4,  | 924.7,     | 1353.8, | 0.0);   |       |             |
| ( 394753.7, | 3815287.2, | 930.4,  | 1353.8, | 0.0); | ( 394916.4, |
| 3815083.8,  | 945.6,     | 1353.8, | 0.0);   |       |             |
| ( 394951.6, | 3815101.4, | 950.8,  | 1353.8, | 0.0); | ( 395022.1, |
| 3815136.7,  | 948.3,     | 1353.8, | 0.0);   |       |             |
| ( 395057.4, | 3815154.3, | 943.6,  | 1353.8, | 0.0); | ( 394880.1, |
| 3815067.9,  | 949.7,     | 1353.8, | 0.0);   |       |             |
| ( 394843.0, | 3815053.6, | 949.3,  | 1353.8, | 0.0); | ( 395005.0, |
| 3814849.9,  | 980.3,     | 1353.8, | 0.0);   |       |             |
| ( 395090.0, | 3814892.5, | 990.9,  | 1353.8, | 0.0); | ( 395124.0, |
| 3814909.5,  | 994.0,     | 1353.8, | 0.0);   |       |             |
| ( 395158.0, | 3814926.5, | 993.6,  | 1353.8, | 0.0); | ( 395192.0, |
| 3814943.5,  | 989.8,     | 1353.8, | 0.0);   |       |             |
| ( 394969.4, | 3814834.3, | 979.4,  | 1353.8, | 0.0); | ( 394932.3, |
| 3814820.1,  | 975.6,     | 1353.8, | 0.0);   |       |             |
| ( 395147.8, | 3814643.2, | 1070.9, | 1353.8, | 0.0); | ( 395183.1, |
| 3814660.9,  | 1061.3,    | 1353.8, | 0.0);   |       |             |
| ( 395218.3, | 3814678.5, | 1044.4, | 1353.8, | 0.0); | ( 395253.6, |
| 3814696.1,  | 1028.7,    | 1353.8, | 0.0);   |       |             |
| ( 395288.8, | 3814713.8, | 1015.4, | 1353.8, | 0.0); | ( 395324.1, |
| 3814731.4,  | 1011.3,    | 1353.8, | 0.0);   |       |             |
| ( 395077.3, | 3814607.9, | 1076.8, | 1353.8, | 0.0); | ( 395040.1, |
| 3814593.7,  | 1083.8,    | 1353.8, | 0.0);   |       |             |
| ( 395003.0, | 3814579.5, | 1084.0, | 1353.8, | 0.0); | ( 395218.1, |
| 3814400.2,  | 1179.3,    | 1353.8, | 0.0);   |       |             |
| ( 395252.4, | 3814417.4, | 1164.8, | 1353.8, | 0.0); | ( 395286.7, |
| 3814434.5,  | 1141.9,    | 1353.8, | 0.0);   |       |             |
| ( 395321.1, | 3814451.7, | 1117.1, | 1353.8, | 0.0); | ( 395355.4, |
| 3814468.9,  | 1092.3,    | 1353.8, | 0.0);   |       |             |
| ( 395389.7, | 3814486.1, | 1067.9, | 1353.8, | 0.0); | ( 395424.1, |
| 3814503.2,  | 1050.2,    | 1353.8, | 0.0);   |       |             |
| ( 395458.4, | 3814520.4, | 1040.2, | 1353.8, | 0.0); | ( 395129.4, |

```

3814360.2, 1159.0, 1353.8, 0.0);
(395092.2, 3814346.0, 1156.9, 1353.8, 0.0); (395362.4,
3813916.0, 1042.8, 1353.8, 0.0);
(395396.9, 3813933.3, 1050.8, 1353.8, 0.0); (395431.5,
3813950.6, 1057.9, 1353.8, 0.0);
(395466.0, 3813967.9, 1073.3, 1353.8, 0.0); (395500.5,
3813985.1, 1089.3, 1353.8, 0.0);
(395535.0, 3814002.4, 1105.1, 1353.8, 0.0); (395569.6,
3814019.7, 1119.2, 1353.8, 0.0);
(395604.1, 3814036.9, 1138.6, 1353.8, 0.0); (395638.6,
3814054.2, 1160.3, 1353.8, 0.0);
(395673.1, 3814071.5, 1181.4, 1353.8, 0.0); (395707.7,
3814088.8, 1192.3, 1353.8, 0.0);
(395541.0, 3813449.0, 1184.0, 1353.8, 0.0); (395575.7,
3813466.4, 1180.3, 1353.8, 0.0);
(395610.3, 3813483.7, 1178.1, 1353.8, 0.0); (395645.0,
3813501.0, 1187.1, 1353.8, 0.0);
(395679.6, 3813518.4, 1202.5, 1353.8, 0.0); (395714.3,
3813535.7, 1221.3, 1353.8, 0.0);
(395749.0, 3813553.1, 1235.0, 1353.8, 0.0); (395783.6,
3813570.4, 1245.8, 1353.8, 0.0);
(395818.2, 3813587.7, 1254.8, 1353.8, 0.0); (395852.9,
3813605.1, 1265.7, 1319.2, 0.0);
(395887.5, 3813622.4, 1277.2, 1319.2, 0.0); (395922.2,
3813639.8, 1273.4, 1319.2, 0.0);
(395956.9, 3813657.1, 1263.3, 1353.8, 0.0); (395991.5,
3813674.4, 1254.3, 1353.8, 0.0);
(395505.1, 3813433.3, 1178.9, 1353.8, 0.0); (395468.0,
3813419.0, 1160.9, 1353.8, 0.0);
(395719.6, 3812982.0, 1056.2, 1980.1, 0.0); (395754.4,
3812999.4, 1062.5, 1937.2, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 274

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395789.1, 3813016.8, 1070.7, 1612.0, 0.0); (395823.9,
3813034.2, 1079.1, 1353.8, 0.0);
(395858.6, 3813051.6, 1083.0, 1353.8, 0.0); (395893.3,
3813068.9, 1087.1, 1353.8, 0.0);
(395928.1, 3813086.3, 1089.4, 1353.8, 0.0); (395962.8,
3813103.7, 1089.1, 1353.8, 0.0);
(395997.6, 3813121.1, 1088.1, 1353.8, 0.0); (396032.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813138.5,  | 1088.2,    | 1353.8, | 0.0);   |       |             |
| ( 396067.1, | 3813155.9, | 1086.1, | 1353.8, | 0.0); | ( 396101.8, |
| 3813173.2,  | 1097.8,    | 1353.8, | 0.0);   |       |             |
| ( 396136.5, | 3813190.6, | 1114.0, | 1353.8, | 0.0); | ( 396171.3, |
| 3813208.0,  | 1111.9,    | 1353.8, | 0.0);   |       |             |
| ( 396206.0, | 3813225.4, | 1101.7, | 1353.8, | 0.0); | ( 396240.8, |
| 3813242.8,  | 1097.8,    | 1353.8, | 0.0);   |       |             |
| ( 395683.7, | 3812966.2, | 1047.8, | 1989.7, | 0.0); | ( 395646.5, |
| 3812952.0,  | 1043.4,    | 1989.7, | 0.0);   |       |             |
| ( 395898.2, | 3812515.0, | 1040.5, | 2084.1, | 0.0); | ( 395933.1, |
| 3812532.4,  | 1044.8,    | 2084.1, | 0.0);   |       |             |
| ( 395967.9, | 3812549.9, | 1047.0, | 2060.8, | 0.0); | ( 396002.7, |
| 3812567.3,  | 1047.3,    | 2084.1, | 0.0);   |       |             |
| ( 396037.5, | 3812584.7, | 1046.9, | 2084.1, | 0.0); | ( 396072.3, |
| 3812602.1,  | 1051.7,    | 2060.8, | 0.0);   |       |             |
| ( 396107.1, | 3812619.5, | 1055.5, | 2060.8, | 0.0); | ( 396141.9, |
| 3812636.9,  | 1058.6,    | 1989.7, | 0.0);   |       |             |
| ( 396176.7, | 3812654.3, | 1057.0, | 2060.8, | 0.0); | ( 396211.5, |
| 3812671.8,  | 1064.5,    | 1980.1, | 0.0);   |       |             |
| ( 396246.3, | 3812689.2, | 1067.0, | 1830.9, | 0.0); | ( 396281.1, |
| 3812706.6,  | 1068.5,    | 1830.9, | 0.0);   |       |             |
| ( 396315.9, | 3812724.0, | 1068.3, | 1830.9, | 0.0); | ( 396350.8, |
| 3812741.4,  | 1072.0,    | 1830.9, | 0.0);   |       |             |
| ( 396385.5, | 3812758.8, | 1077.0, | 1830.9, | 0.0); | ( 396420.4, |
| 3812776.3,  | 1079.5,    | 1830.9, | 0.0);   |       |             |
| ( 396455.2, | 3812793.7, | 1076.5, | 1830.9, | 0.0); | ( 396490.0, |
| 3812811.1,  | 1077.9,    | 1829.2, | 0.0);   |       |             |
| ( 396524.8, | 3812828.5, | 1083.8, | 1759.6, | 0.0); | ( 395862.3, |
| 3812499.2,  | 1035.5,    | 2084.1, | 0.0);   |       |             |
| ( 395825.1, | 3812485.0, | 1031.3, | 2084.1, | 0.0); | ( 396374.6, |
| 3811269.7,  | 1040.2,    | 2167.9, | 0.0);   |       |             |
| ( 396409.8, | 3811287.3, | 1048.8, | 2167.9, | 0.0); | ( 396444.9, |
| 3811304.9,  | 1050.6,    | 2167.9, | 0.0);   |       |             |
| ( 396480.0, | 3811322.5, | 1050.1, | 2167.9, | 0.0); | ( 396515.2, |
| 3811340.0,  | 1048.3,    | 2167.9, | 0.0);   |       |             |
| ( 396550.3, | 3811357.6, | 1053.9, | 2167.9, | 0.0); | ( 396585.5, |
| 3811375.2,  | 1059.4,    | 2167.9, | 0.0);   |       |             |
| ( 396620.6, | 3811392.8, | 1061.7, | 2167.9, | 0.0); | ( 396655.8, |
| 3811410.4,  | 1068.8,    | 2167.9, | 0.0);   |       |             |
| ( 396690.9, | 3811428.0, | 1070.3, | 2167.9, | 0.0); | ( 396726.1, |
| 3811445.6,  | 1075.4,    | 2167.9, | 0.0);   |       |             |
| ( 396761.2, | 3811463.1, | 1083.2, | 2167.9, | 0.0); | ( 396796.4, |
| 3811480.7,  | 1093.2,    | 2167.9, | 0.0);   |       |             |
| ( 396831.5, | 3811498.3, | 1095.3, | 2167.9, | 0.0); | ( 396866.6, |
| 3811515.9,  | 1093.1,    | 2167.9, | 0.0);   |       |             |
| ( 396901.8, | 3811533.5, | 1092.9, | 2167.9, | 0.0); | ( 396936.9, |
| 3811551.1,  | 1092.5,    | 2167.9, | 0.0);   |       |             |
| ( 396972.1, | 3811568.7, | 1093.6, | 2167.9, | 0.0); | ( 397007.2, |
| 3811586.2,  | 1097.3,    | 2167.9, | 0.0);   |       |             |
| ( 397042.4, | 3811603.8, | 1093.5, | 2167.9, | 0.0); | ( 397077.5, |



```

3811621.4, 1093.5, 2167.9, 0.0);
(397112.7, 3811639.0, 1100.0, 2167.9, 0.0); (397147.8,
3811656.6, 1094.5, 2167.9, 0.0);
(397183.0, 3811674.2, 1095.9, 2167.9, 0.0); (397218.1,
3811691.8, 1098.0, 2167.9, 0.0);
(396338.4, 3811253.8, 1033.0, 2167.9, 0.0); (396301.3,
3811239.6, 1025.8, 2167.9, 0.0);
(396850.9, 3810024.3, 1061.4, 2167.9, 0.0); (396886.2,
3810042.0, 1062.5, 2167.9, 0.0);
(396921.6, 3810059.7, 1058.3, 2167.9, 0.0); (396956.9,
3810077.4, 1059.5, 2167.9, 0.0);
(396992.3, 3810095.1, 1059.2, 2167.9, 0.0); (397027.6,
3810112.8, 1056.5, 2167.9, 0.0);
(397063.0, 3810130.5, 1052.3, 2167.9, 0.0); (397098.3,
3810148.2, 1056.4, 2167.9, 0.0);
(397133.7, 3810165.8, 1056.4, 2167.9, 0.0); (397169.0,
3810183.5, 1058.4, 2167.9, 0.0);
(397204.4, 3810201.2, 1060.7, 2167.9, 0.0); (397239.7,
3810218.9, 1062.5, 2167.9, 0.0);
(397275.1, 3810236.6, 1061.5, 2167.9, 0.0); (397310.4,
3810254.3, 1055.2, 2167.9, 0.0);
(397345.8, 3810272.0, 1052.0, 2167.9, 0.0); (397381.1,
3810289.7, 1054.3, 2167.9, 0.0);
(397416.5, 3810307.3, 1053.6, 2167.9, 0.0); (397451.8,
3810325.0, 1053.1, 2167.9, 0.0);
(397487.2, 3810342.7, 1055.6, 2167.9, 0.0); (397522.5,
3810360.4, 1058.3, 2167.9, 0.0);
(397557.9, 3810378.1, 1063.5, 2167.9, 0.0); (397593.2,
3810395.8, 1066.2, 2167.9, 0.0);
(397628.6, 3810413.5, 1070.2, 2167.9, 0.0); (397663.9,
3810431.2, 1068.7, 2167.9, 0.0);
(397699.3, 3810448.8, 1071.1, 2167.9, 0.0); (397734.6,
3810466.5, 1078.8, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 275

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(397770.0, 3810484.2, 1080.6, 2167.9, 0.0); (397805.3,
3810501.9, 1086.6, 2167.9, 0.0);
(397840.7, 3810519.6, 1089.4, 2167.9, 0.0); (397876.0,
3810537.3, 1095.5, 2167.9, 0.0);
(397911.4, 3810555.0, 1097.6, 2167.9, 0.0); (397946.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3810572.6,  | 1102.0,    | 2167.9, | 0.0);   |       |             |
| ( 396814.6, | 3810008.4, | 1059.2, | 2167.9, | 0.0); | ( 396777.5, |
| 3809994.2,  | 1064.6,    | 2167.9, | 0.0);   |       |             |
| ( 397327.1, | 3808779.0, | 1219.7, | 2167.9, | 0.0); | ( 397362.6, |
| 3808796.7,  | 1210.7,    | 2167.9, | 0.0);   |       |             |
| ( 397398.1, | 3808814.5, | 1200.1, | 2167.9, | 0.0); | ( 397433.6, |
| 3808832.2,  | 1186.5,    | 2167.9, | 0.0);   |       |             |
| ( 397469.1, | 3808850.0, | 1173.7, | 2167.9, | 0.0); | ( 397504.5, |
| 3808867.8,  | 1167.0,    | 2167.9, | 0.0);   |       |             |
| ( 397540.0, | 3808885.5, | 1174.4, | 2167.9, | 0.0); | ( 397575.5, |
| 3808903.3,  | 1179.8,    | 2167.9, | 0.0);   |       |             |
| ( 397611.0, | 3808921.0, | 1189.9, | 2167.9, | 0.0); | ( 397646.5, |
| 3808938.8,  | 1189.7,    | 2167.9, | 0.0);   |       |             |
| ( 397682.0, | 3808956.5, | 1172.5, | 2167.9, | 0.0); | ( 397717.5, |
| 3808974.3,  | 1172.0,    | 2167.9, | 0.0);   |       |             |
| ( 397753.0, | 3808992.0, | 1163.9, | 2167.9, | 0.0); | ( 397788.4, |
| 3809009.8,  | 1147.9,    | 2167.9, | 0.0);   |       |             |
| ( 397823.9, | 3809027.5, | 1147.2, | 2167.9, | 0.0); | ( 397859.4, |
| 3809045.3,  | 1158.1,    | 2167.9, | 0.0);   |       |             |
| ( 397894.9, | 3809063.1, | 1159.1, | 2167.9, | 0.0); | ( 397930.4, |
| 3809080.8,  | 1149.0,    | 2167.9, | 0.0);   |       |             |
| ( 397965.9, | 3809098.6, | 1149.0, | 2167.9, | 0.0); | ( 398001.3, |
| 3809116.3,  | 1154.8,    | 2167.9, | 0.0);   |       |             |
| ( 398036.8, | 3809134.1, | 1152.1, | 2167.9, | 0.0); | ( 398072.3, |
| 3809151.8,  | 1142.9,    | 2167.9, | 0.0);   |       |             |
| ( 398107.8, | 3809169.6, | 1149.9, | 2167.9, | 0.0); | ( 398143.3, |
| 3809187.3,  | 1151.0,    | 2167.9, | 0.0);   |       |             |
| ( 398178.8, | 3809205.1, | 1147.6, | 2167.9, | 0.0); | ( 398214.3, |
| 3809222.9,  | 1141.4,    | 2167.9, | 0.0);   |       |             |
| ( 398249.8, | 3809240.6, | 1136.2, | 2167.9, | 0.0); | ( 398285.2, |
| 3809258.4,  | 1140.4,    | 2167.9, | 0.0);   |       |             |
| ( 398320.7, | 3809276.1, | 1139.6, | 2167.9, | 0.0); | ( 398356.2, |
| 3809293.9,  | 1141.6,    | 2167.9, | 0.0);   |       |             |
| ( 398391.7, | 3809311.6, | 1149.7, | 2167.9, | 0.0); | ( 398427.2, |
| 3809329.4,  | 1159.6,    | 2167.9, | 0.0);   |       |             |
| ( 398462.7, | 3809347.1, | 1169.5, | 2167.9, | 0.0); | ( 398498.1, |
| 3809364.9,  | 1162.4,    | 2167.9, | 0.0);   |       |             |
| ( 398533.6, | 3809382.6, | 1154.3, | 2167.9, | 0.0); | ( 398569.1, |
| 3809400.4,  | 1147.1,    | 2167.9, | 0.0);   |       |             |
| ( 398604.6, | 3809418.2, | 1141.0, | 2167.9, | 0.0); | ( 398640.1, |
| 3809435.9,  | 1135.4,    | 2167.9, | 0.0);   |       |             |
| ( 397290.8, | 3808763.0, | 1213.2, | 2167.9, | 0.0); | ( 397253.6, |
| 3808748.8,  | 1195.6,    | 2167.9, | 0.0);   |       |             |
| ( 397803.3, | 3807533.6, | 1415.3, | 2167.1, | 0.0); | ( 397838.9, |
| 3807551.4,  | 1426.3,    | 2084.1, | 0.0);   |       |             |
| ( 397874.5, | 3807569.2, | 1442.9, | 2084.1, | 0.0); | ( 397910.1, |
| 3807587.0,  | 1461.3,    | 2084.1, | 0.0);   |       |             |
| ( 397945.7, | 3807604.8, | 1476.5, | 2084.1, | 0.0); | ( 397981.3, |
| 3807622.6,  | 1496.6,    | 2002.8, | 0.0);   |       |             |
| ( 398016.8, | 3807640.4, | 1516.3, | 1830.9, | 0.0); | ( 398052.4, |

```

3807658.2, 1531.1, 1830.9, 0.0);
(398088.0, 3807676.0, 1544.7, 1767.4, 0.0); (398123.6,
3807693.8, 1555.1, 1767.4, 0.0);
(398159.2, 3807711.6, 1551.6, 1767.4, 0.0); (398194.8,
3807729.4, 1536.2, 1767.4, 0.0);
(398230.3, 3807747.2, 1515.5, 1830.9, 0.0); (398265.9,
3807765.0, 1496.5, 2084.1, 0.0);
(398301.5, 3807782.8, 1480.8, 2084.1, 0.0); (398337.1,
3807800.6, 1463.7, 2084.1, 0.0);
(398372.7, 3807818.5, 1446.3, 2167.9, 0.0); (398408.2,
3807836.3, 1428.0, 2167.9, 0.0);
(398443.8, 3807854.1, 1411.1, 2167.9, 0.0); (398479.4,
3807871.9, 1399.5, 2167.9, 0.0);
(398515.0, 3807889.7, 1384.6, 2167.9, 0.0); (398550.6,
3807907.5, 1372.3, 2167.9, 0.0);
(398586.2, 3807925.3, 1355.3, 2167.9, 0.0); (398621.8,
3807943.1, 1338.5, 2167.9, 0.0);
(398657.3, 3807960.9, 1313.5, 2167.9, 0.0); (398692.9,
3807978.7, 1301.2, 2167.9, 0.0);
(398728.5, 3807996.5, 1318.8, 2167.9, 0.0); (398764.1,
3808014.3, 1326.0, 2167.9, 0.0);
(398799.7, 3808032.1, 1326.9, 2167.9, 0.0); (398835.2,
3808049.9, 1331.8, 2167.9, 0.0);
(398870.8, 3808067.7, 1345.0, 2167.9, 0.0); (398906.4,
3808085.5, 1363.6, 2167.9, 0.0);
(398942.0, 3808103.3, 1385.4, 2167.9, 0.0); (398977.6,
3808121.1, 1409.4, 2167.9, 0.0);
(399013.1, 3808138.9, 1432.3, 2167.9, 0.0); (399048.7,
3808156.7, 1433.6, 2167.9, 0.0);
(399084.3, 3808174.5, 1426.1, 2167.9, 0.0); (399119.9,
3808192.3, 1410.2, 2167.9, 0.0);
(399155.5, 3808210.1, 1395.7, 2167.9, 0.0); (399191.1,
3808227.9, 1376.4, 2167.9, 0.0);
(399226.6, 3808245.7, 1359.2, 2167.9, 0.0); (399262.2,
3808263.5, 1340.9, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 276

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(399297.8, 3808281.3, 1324.1, 2167.9, 0.0); (399333.4,
3808299.1, 1307.7, 2167.9, 0.0);
(399369.0, 3808316.9, 1290.6, 2167.9, 0.0); (397767.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807517.6,  | 1403.8,    | 2167.9, | 0.0);   |       |             |
| ( 397729.8, | 3807503.4, | 1398.5, | 2167.9, | 0.0); | ( 398279.4, |
| 3806288.1,  | 1639.5,    | 1767.4, | 0.0);   |       |             |
| ( 398314.7, | 3806305.8, | 1634.9, | 1767.4, | 0.0); | ( 398350.0, |
| 3806323.5,  | 1645.3,    | 1767.4, | 0.0);   |       |             |
| ( 398385.3, | 3806341.1, | 1640.9, | 1767.4, | 0.0); | ( 398420.7, |
| 3806358.8,  | 1632.9,    | 1767.4, | 0.0);   |       |             |
| ( 398456.0, | 3806376.5, | 1630.6, | 1767.4, | 0.0); | ( 398491.3, |
| 3806394.1,  | 1636.4,    | 1767.4, | 0.0);   |       |             |
| ( 398526.6, | 3806411.8, | 1649.7, | 1759.6, | 0.0); | ( 398561.9, |
| 3806429.5,  | 1653.8,    | 1759.6, | 0.0);   |       |             |
| ( 398597.2, | 3806447.2, | 1669.9, | 1759.6, | 0.0); | ( 398632.5, |
| 3806464.8,  | 1681.6,    | 1759.6, | 0.0);   |       |             |
| ( 398667.9, | 3806482.5, | 1675.6, | 1759.6, | 0.0); | ( 398703.2, |
| 3806500.2,  | 1670.5,    | 1759.6, | 0.0);   |       |             |
| ( 398738.5, | 3806517.8, | 1664.2, | 1759.6, | 0.0); | ( 398773.8, |
| 3806535.5,  | 1652.6,    | 1759.6, | 0.0);   |       |             |
| ( 398809.1, | 3806553.2, | 1646.7, | 1759.6, | 0.0); | ( 398844.5, |
| 3806570.8,  | 1660.6,    | 1759.6, | 0.0);   |       |             |
| ( 398879.8, | 3806588.5, | 1669.6, | 1759.6, | 0.0); | ( 398915.1, |
| 3806606.2,  | 1664.3,    | 1759.6, | 0.0);   |       |             |
| ( 398950.4, | 3806623.9, | 1656.9, | 1759.6, | 0.0); | ( 398985.7, |
| 3806641.5,  | 1665.8,    | 1759.6, | 0.0);   |       |             |
| ( 399021.0, | 3806659.2, | 1686.0, | 1759.6, | 0.0); | ( 399056.3, |
| 3806676.9,  | 1698.5,    | 1759.6, | 0.0);   |       |             |
| ( 399091.6, | 3806694.5, | 1704.1, | 1759.6, | 0.0); | ( 399127.0, |
| 3806712.2,  | 1714.6,    | 1759.6, | 0.0);   |       |             |
| ( 399162.3, | 3806729.9, | 1715.8, | 1759.6, | 0.0); | ( 399197.6, |
| 3806747.5,  | 1723.4,    | 1759.6, | 0.0);   |       |             |
| ( 399232.9, | 3806765.2, | 1727.0, | 1759.6, | 0.0); | ( 399268.2, |
| 3806782.9,  | 1730.3,    | 1759.6, | 0.0);   |       |             |
| ( 399303.5, | 3806800.6, | 1728.6, | 1759.6, | 0.0); | ( 399338.9, |
| 3806818.2,  | 1724.5,    | 1759.6, | 0.0);   |       |             |
| ( 399374.2, | 3806835.9, | 1726.0, | 1758.8, | 0.0); | ( 399409.5, |
| 3806853.6,  | 1722.7,    | 1758.8, | 0.0);   |       |             |
| ( 399444.8, | 3806871.2, | 1717.8, | 1759.6, | 0.0); | ( 399480.1, |
| 3806888.9,  | 1710.6,    | 1759.6, | 0.0);   |       |             |
| ( 399515.4, | 3806906.6, | 1702.2, | 1759.6, | 0.0); | ( 399550.8, |
| 3806924.2,  | 1710.4,    | 1758.8, | 0.0);   |       |             |
| ( 399586.1, | 3806941.9, | 1720.9, | 1751.6, | 0.0); | ( 399621.4, |
| 3806959.6,  | 1721.8,    | 1730.2, | 0.0);   |       |             |
| ( 399656.7, | 3806977.3, | 1714.4, | 1741.6, | 0.0); | ( 399692.0, |
| 3806994.9,  | 1705.1,    | 1758.8, | 0.0);   |       |             |
| ( 399727.3, | 3807012.6, | 1701.6, | 1758.8, | 0.0); | ( 399762.6, |
| 3807030.3,  | 1701.4,    | 1758.5, | 0.0);   |       |             |
| ( 399798.0, | 3807047.9, | 1707.4, | 1728.2, | 0.0); | ( 399833.3, |
| 3807065.6,  | 1712.6,    | 1713.9, | 0.0);   |       |             |
| ( 399868.6, | 3807083.3, | 1703.0, | 1714.5, | 0.0); | ( 399903.9, |
| 3807100.9,  | 1690.3,    | 2060.8, | 0.0);   |       |             |
| ( 399939.2, | 3807118.6, | 1675.6, | 2084.1, | 0.0); | ( 399974.5, |

```

3807136.3, 1662.2, 2084.1, 0.0);
(400009.8, 3807154.0, 1646.2, 2084.1, 0.0); (400045.2,
3807171.6, 1624.8, 2167.9, 0.0);
(400080.5, 3807189.3, 1604.4, 2167.9, 0.0); (398243.2,
3806272.2, 1647.0, 1767.4, 0.0);
(398206.0, 3806258.0, 1645.6, 1767.4, 0.0); (398755.6,
3805042.8, 1518.1, 2167.9, 0.0);
(398791.0, 3805060.5, 1498.8, 2167.9, 0.0); (398826.4,
3805078.2, 1474.4, 2167.9, 0.0);
(398861.8, 3805095.9, 1446.9, 2167.9, 0.0); (398897.3,
3805113.6, 1415.6, 2167.9, 0.0);
(398932.7, 3805131.3, 1387.1, 2167.9, 0.0); (398968.1,
3805149.0, 1369.4, 2167.9, 0.0);
(399003.5, 3805166.8, 1352.8, 2167.9, 0.0); (399038.9,
3805184.5, 1336.9, 2167.9, 0.0);
(399074.3, 3805202.2, 1320.1, 2167.9, 0.0); (399109.7,
3805219.9, 1320.3, 2167.9, 0.0);
(399145.1, 3805237.6, 1330.8, 2167.9, 0.0); (399180.5,
3805255.3, 1341.5, 2167.9, 0.0);
(399215.9, 3805273.1, 1329.9, 2167.9, 0.0); (399251.3,
3805290.8, 1332.5, 2167.9, 0.0);
(399286.8, 3805308.5, 1329.2, 2167.9, 0.0); (399322.2,
3805326.2, 1334.8, 2167.9, 0.0);
(399357.6, 3805343.9, 1339.3, 2167.9, 0.0); (399393.0,
3805361.6, 1344.9, 2167.9, 0.0);
(399428.4, 3805379.4, 1342.6, 2167.9, 0.0); (399463.8,
3805397.1, 1338.3, 2167.9, 0.0);
(399499.2, 3805414.8, 1340.6, 2167.9, 0.0); (399534.6,
3805432.5, 1348.2, 2167.9, 0.0);
(399570.0, 3805450.2, 1357.5, 2167.9, 0.0); (399605.4,
3805467.9, 1366.5, 2167.9, 0.0);
(399640.8, 3805485.7, 1379.8, 2167.9, 0.0); (399676.2,
3805503.4, 1398.2, 2167.9, 0.0);
(399711.7, 3805521.1, 1414.7, 2167.9, 0.0); (399747.1,
3805538.8, 1425.8, 2167.9, 0.0);
(399782.5, 3805556.5, 1431.8, 2167.9, 0.0); (399817.9,
3805574.2, 1456.0, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 277

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(399853.3, 3805592.0, 1469.8, 2167.9, 0.0); (399888.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805609.7,  | 1483.0,    | 2167.9, | 0.0);   |       |             |
| ( 399924.1, | 3805627.4, | 1496.8, | 2167.9, | 0.0); | ( 399959.5, |
| 3805645.1,  | 1507.6,    | 2167.9, | 0.0);   |       |             |
| ( 399994.9, | 3805662.8, | 1504.0, | 2167.9, | 0.0); | ( 400030.3, |
| 3805680.5,  | 1495.1,    | 2167.9, | 0.0);   |       |             |
| ( 400065.8, | 3805698.3, | 1484.6, | 2167.9, | 0.0); | ( 400101.2, |
| 3805716.0,  | 1469.3,    | 2167.9, | 0.0);   |       |             |
| ( 400136.6, | 3805733.7, | 1455.3, | 2167.9, | 0.0); | ( 400172.0, |
| 3805751.4,  | 1454.1,    | 2167.9, | 0.0);   |       |             |
| ( 400207.4, | 3805769.1, | 1456.6, | 2167.9, | 0.0); | ( 400242.8, |
| 3805786.8,  | 1455.8,    | 2167.9, | 0.0);   |       |             |
| ( 400278.2, | 3805804.6, | 1451.6, | 2167.9, | 0.0); | ( 400313.6, |
| 3805822.3,  | 1449.3,    | 2167.9, | 0.0);   |       |             |
| ( 400349.0, | 3805840.0, | 1435.3, | 2167.9, | 0.0); | ( 400384.4, |
| 3805857.7,  | 1441.2,    | 2167.9, | 0.0);   |       |             |
| ( 400419.8, | 3805875.4, | 1454.5, | 2167.9, | 0.0); | ( 400455.2, |
| 3805893.1,  | 1471.4,    | 2167.9, | 0.0);   |       |             |
| ( 400490.7, | 3805910.9, | 1481.9, | 2167.9, | 0.0); | ( 400526.1, |
| 3805928.6,  | 1498.5,    | 2167.9, | 0.0);   |       |             |
| ( 400561.5, | 3805946.3, | 1512.8, | 2167.9, | 0.0); | ( 400596.9, |
| 3805964.0,  | 1517.8,    | 2167.9, | 0.0);   |       |             |
| ( 400632.3, | 3805981.7, | 1518.2, | 2167.9, | 0.0); | ( 400667.7, |
| 3805999.4,  | 1513.5,    | 2167.9, | 0.0);   |       |             |
| ( 400703.1, | 3806017.2, | 1495.4, | 2167.9, | 0.0); | ( 400738.5, |
| 3806034.9,  | 1476.0,    | 2167.9, | 0.0);   |       |             |
| ( 400773.9, | 3806052.6, | 1453.7, | 2167.9, | 0.0); | ( 398719.3, |
| 3805026.8,  | 1523.3,    | 2167.9, | 0.0);   |       |             |
| ( 398682.2, | 3805012.6, | 1516.8, | 2167.9, | 0.0); | ( 394406.6, |
| 3816073.2,  | 904.6,     | 1439.5, | 0.0);   |       |             |
| ( 394405.8, | 3816096.6, | 905.9,  | 1439.5, | 0.0); | ( 394397.9, |
| 3816331.4,  | 907.4,     | 1439.5, | 0.0);   |       |             |
| ( 394397.1, | 3816354.8, | 907.7,  | 1439.5, | 0.0); | ( 394392.7, |
| 3816052.3,  | 902.9,     | 1439.5, | 0.0);   |       |             |
| ( 394426.6, | 3816029.8, | 901.0,  | 1439.5, | 0.0); | ( 394381.6, |
| 3816072.3,  | 904.2,     | 1439.5, | 0.0);   |       |             |
| ( 394380.8, | 3816095.8, | 905.3,  | 1439.5, | 0.0); | ( 394380.0, |
| 3816119.3,  | 905.8,     | 1439.5, | 0.0);   |       |             |
| ( 394379.2, | 3816142.7, | 905.9,  | 1439.5, | 0.0); | ( 394378.4, |
| 3816166.2,  | 906.1,     | 1439.5, | 0.0);   |       |             |
| ( 394377.6, | 3816189.7, | 906.2,  | 1439.5, | 0.0); | ( 394376.9, |
| 3816213.2,  | 906.3,     | 1439.5, | 0.0);   |       |             |
| ( 394376.1, | 3816236.6, | 906.4,  | 1439.5, | 0.0); | ( 394375.3, |
| 3816260.1,  | 906.5,     | 1439.5, | 0.0);   |       |             |
| ( 394374.5, | 3816283.6, | 906.4,  | 1439.5, | 0.0); | ( 394373.7, |
| 3816307.0,  | 906.5,     | 1439.5, | 0.0);   |       |             |
| ( 394372.9, | 3816330.5, | 906.7,  | 1439.5, | 0.0); | ( 394372.1, |
| 3816354.0,  | 907.0,     | 1439.5, | 0.0);   |       |             |
| ( 394412.8, | 3816009.0, | 898.5,  | 1439.5, | 0.0); | ( 394435.6, |
| 3816006.5,  | 898.6,     | 1439.5, | 0.0);   |       |             |
| ( 394355.8, | 3816095.0, | 904.7,  | 1439.5, | 0.0); | ( 394355.0, |

```

3816118.4, 905.0, 1439.5, 0.0);
 (394354.2, 3816141.9, 905.2, 1439.5, 0.0); (394353.5,
3816165.4, 905.3, 1439.5, 0.0);
 (394352.7, 3816188.8, 905.4, 1439.5, 0.0); (394351.9,
3816212.3, 905.5, 1439.5, 0.0);
 (394351.1, 3816235.8, 905.6, 1439.5, 0.0); (394350.3,
3816259.3, 905.6, 1439.5, 0.0);
 (394349.5, 3816282.7, 905.6, 1439.5, 0.0); (394348.7,
3816306.2, 905.8, 1439.5, 0.0);
 (394348.0, 3816329.7, 906.2, 1439.5, 0.0); (394347.2,
3816353.2, 906.4, 1439.5, 0.0);
 (394421.8, 3815985.6, 895.6, 1439.5, 0.0); (394444.5,
3815983.1, 895.4, 1439.5, 0.0);
 (394328.5, 3816164.5, 904.5, 1439.5, 0.0); (394327.7,
3816188.0, 904.7, 1439.5, 0.0);
 (394326.9, 3816211.5, 904.7, 1439.5, 0.0); (394326.1,
3816235.0, 904.8, 1439.5, 0.0);
 (394325.3, 3816258.4, 904.8, 1439.5, 0.0); (394324.5,
3816281.9, 904.9, 1439.5, 0.0);
 (394323.8, 3816305.4, 905.1, 1439.5, 0.0); (394323.0,
3816328.8, 905.5, 1439.5, 0.0);
 (394322.2, 3816352.3, 905.8, 1439.5, 0.0); (394292.8,
3816049.0, 902.1, 1439.5, 0.0);
 (394304.0, 3816029.0, 901.5, 1439.5, 0.0); (394315.1,
3816009.0, 900.2, 1439.5, 0.0);
 (394326.3, 3815989.0, 897.9, 1439.5, 0.0); (394337.4,
3815969.0, 894.0, 1439.5, 0.0);
 (394371.3, 3815946.5, 890.8, 1439.5, 0.0); (394439.6,
3815938.9, 891.6, 1439.5, 0.0);
 (394462.4, 3815936.4, 892.0, 1439.5, 0.0); (394281.6,
3816069.0, 902.2, 1439.5, 0.0);
 (394280.8, 3816092.4, 902.4, 1439.5, 0.0); (394280.1,
3816115.9, 902.7, 1439.5, 0.0);
 (394279.3, 3816139.4, 902.8, 1439.5, 0.0); (394278.5,
3816162.9, 903.0, 1439.5, 0.0);
 (394277.7, 3816186.3, 903.1, 1439.5, 0.0); (394276.9,
3816209.8, 903.1, 1439.5, 0.0);
 (394276.1, 3816233.3, 903.1, 1439.5, 0.0); (394275.3,
3816256.8, 903.2, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 278

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                       |       |             |
|---------------------------------------|-------|-------------|
| ( 394274.6, 3816280.2, 903.5, 1439.5, | 0.0); | ( 394273.8, |
| 3816303.7, 903.9, 1439.5, 0.0);       |       |             |
| ( 394273.0, 3816327.2, 904.4, 1439.5, | 0.0); | ( 394272.2, |
| 3816350.6, 904.8, 1439.5, 0.0);       |       |             |
| ( 394366.4, 3815902.3, 889.7, 1439.5, | 0.0); | ( 394389.2, |
| 3815899.8, 890.2, 1439.5, 0.0);       |       |             |
| ( 394480.2, 3815889.7, 892.1, 1439.5, | 0.0); | ( 394228.5, |
| 3816161.2, 901.3, 1439.5, 0.0);       |       |             |
| ( 394227.7, 3816184.7, 901.5, 1439.5, | 0.0); | ( 394227.0, |
| 3816208.1, 901.6, 1439.5, 0.0);       |       |             |
| ( 394226.2, 3816231.6, 901.8, 1439.5, | 0.0); | ( 394225.4, |
| 3816255.1, 902.2, 1439.5, 0.0);       |       |             |
| ( 394224.6, 3816278.6, 902.6, 1439.5, | 0.0); | ( 394223.8, |
| 3816302.0, 903.0, 1439.5, 0.0);       |       |             |
| ( 394223.0, 3816325.5, 903.3, 1439.5, | 0.0); | ( 394222.2, |
| 3816349.0, 903.6, 1439.5, 0.0);       |       |             |
| ( 394192.8, 3816045.6, 899.4, 1439.5, | 0.0); | ( 394204.0, |
| 3816025.6, 899.5, 1439.5, 0.0);       |       |             |
| ( 394215.2, 3816005.7, 899.4, 1439.5, | 0.0); | ( 394226.3, |
| 3815985.7, 898.6, 1439.5, 0.0);       |       |             |
| ( 394237.5, 3815965.7, 897.0, 1439.5, | 0.0); | ( 394248.6, |
| 3815945.7, 893.5, 1439.5, 0.0);       |       |             |
| ( 394259.8, 3815925.7, 890.1, 1439.5, | 0.0); | ( 394271.0, |
| 3815905.7, 888.3, 1439.5, 0.0);       |       |             |
| ( 394282.1, 3815885.7, 888.2, 1439.5, | 0.0); | ( 394316.0, |
| 3815863.2, 888.7, 1439.5, 0.0);       |       |             |
| ( 394384.3, 3815855.6, 889.9, 1439.5, | 0.0); | ( 394407.1, |
| 3815853.1, 890.3, 1439.5, 0.0);       |       |             |
| ( 394429.8, 3815850.6, 890.8, 1439.5, | 0.0); | ( 394498.1, |
| 3815843.0, 892.8, 1439.5, 0.0);       |       |             |
| ( 394181.7, 3816065.6, 899.3, 1439.5, | 0.0); | ( 394180.9, |
| 3816089.1, 899.4, 1439.5, 0.0);       |       |             |
| ( 394180.1, 3816112.6, 899.5, 1439.5, | 0.0); | ( 394179.3, |
| 3816136.0, 899.7, 1439.5, 0.0);       |       |             |
| ( 394178.5, 3816159.5, 899.9, 1439.5, | 0.0); | ( 394177.8, |
| 3816183.0, 900.1, 1439.5, 0.0);       |       |             |
| ( 394177.0, 3816206.5, 900.4, 1439.5, | 0.0); | ( 394176.2, |
| 3816229.9, 900.9, 1439.5, 0.0);       |       |             |
| ( 394175.4, 3816253.4, 901.3, 1439.5, | 0.0); | ( 394174.6, |
| 3816276.9, 901.6, 1439.5, 0.0);       |       |             |
| ( 394173.8, 3816300.4, 901.7, 1439.5, | 0.0); | ( 394173.0, |
| 3816323.8, 902.0, 1439.5, 0.0);       |       |             |
| ( 394172.3, 3816347.3, 902.4, 1439.5, | 0.0); | ( 394311.1, |
| 3815819.0, 888.3, 1439.5, 0.0);       |       |             |
| ( 394333.9, 3815816.5, 888.5, 1439.5, | 0.0); | ( 394402.2, |
| 3815808.9, 890.4, 1439.5, 0.0);       |       |             |
| ( 394424.9, 3815806.4, 891.0, 1439.5, | 0.0); | ( 394447.7, |
| 3815803.9, 891.5, 1439.5, 0.0);       |       |             |
| ( 394515.9, 3815796.3, 892.9, 1439.5, | 0.0); | ( 394128.6, |



```

3816157.8, 898.6, 1439.5, 0.0);
 (394127.8, 3816181.3, 899.1, 1439.5, 0.0); (394127.0,
3816204.8, 899.6, 1439.5, 0.0);
 (394126.2, 3816228.3, 899.9, 1439.5, 0.0); (394125.4,
3816251.7, 900.2, 1439.5, 0.0);
 (394124.6, 3816275.2, 900.3, 1439.5, 0.0); (394123.9,
3816298.7, 900.3, 1439.5, 0.0);
 (394123.1, 3816322.2, 900.7, 1439.5, 0.0); (394122.3,
3816345.6, 901.5, 1439.5, 0.0);
 (394092.9, 3816042.3, 896.5, 1439.5, 0.0); (394104.1,
3816022.3, 896.7, 1439.5, 0.0);
 (394115.2, 3816002.3, 896.8, 1439.5, 0.0); (394126.4,
3815982.3, 896.8, 1439.5, 0.0);
 (394137.5, 3815962.3, 896.6, 1439.5, 0.0); (394148.7,
3815942.3, 896.5, 1439.5, 0.0);
 (394159.9, 3815922.3, 895.8, 1439.5, 0.0); (394171.0,
3815902.4, 893.3, 1439.5, 0.0);
 (394182.2, 3815882.4, 889.0, 1439.5, 0.0); (394193.3,
3815862.4, 886.9, 1439.5, 0.0);
 (394204.5, 3815842.4, 886.5, 1439.5, 0.0); (394215.6,
3815822.4, 886.4, 1439.5, 0.0);
 (394226.8, 3815802.4, 886.5, 1439.5, 0.0); (394260.7,
3815779.9, 887.0, 1439.5, 0.0);
 (394329.0, 3815772.3, 888.1, 1439.5, 0.0); (394351.8,
3815769.8, 888.8, 1439.5, 0.0);
 (394442.8, 3815759.7, 890.8, 1439.5, 0.0); (394465.5,
3815757.2, 891.2, 1439.5, 0.0);
 (394081.8, 3816062.3, 896.5, 1439.5, 0.0); (394081.0,
3816085.8, 896.8, 1439.5, 0.0);
 (394080.2, 3816109.2, 897.0, 1439.5, 0.0); (394079.4,
3816132.7, 897.3, 1439.5, 0.0);
 (394078.6, 3816156.2, 897.7, 1439.5, 0.0); (394077.8,
3816179.6, 898.1, 1439.5, 0.0);
 (394077.0, 3816203.1, 898.4, 1439.5, 0.0); (394076.2,
3816226.6, 898.7, 1439.5, 0.0);
 (394075.5, 3816250.1, 898.8, 1439.5, 0.0); (394074.7,
3816273.5, 898.8, 1439.5, 0.0);
 (394073.9, 3816297.0, 899.2, 1439.5, 0.0); (394073.1,
3816320.5, 900.1, 1439.5, 0.0);
 (394072.3, 3816344.0, 901.3, 1439.5, 0.0); (393993.0,
3816038.9, 893.8, 1439.5, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 279

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 394004.1, 3816019.0, 893.7, 1439.5, 0.0); | ( 394015.3, |
| 3815999.0, 893.6, 1439.5, 0.0);             |             |
| ( 394026.4, 3815979.0, 893.9, 1439.5, 0.0); | ( 394037.6, |
| 3815959.0, 894.0, 1439.5, 0.0);             |             |
| ( 394048.8, 3815939.0, 894.0, 1439.5, 0.0); | ( 394059.9, |
| 3815919.0, 893.9, 1439.5, 0.0);             |             |
| ( 394071.1, 3815899.0, 893.5, 1439.5, 0.0); | ( 394082.2, |
| 3815879.0, 892.8, 1439.5, 0.0);             |             |
| ( 394093.4, 3815859.0, 889.3, 1439.5, 0.0); | ( 394104.5, |
| 3815839.0, 885.8, 1439.5, 0.0);             |             |
| ( 394115.7, 3815819.0, 884.8, 1439.5, 0.0); | ( 394126.9, |
| 3815799.0, 884.7, 1439.5, 0.0);             |             |
| ( 394138.0, 3815779.1, 884.7, 1439.5, 0.0); | ( 394149.2, |
| 3815759.1, 884.7, 1439.5, 0.0);             |             |
| ( 394160.3, 3815739.1, 884.8, 1439.5, 0.0); | ( 394171.5, |
| 3815719.1, 884.9, 1439.5, 0.0);             |             |
| ( 394205.4, 3815696.6, 884.9, 1439.5, 0.0); | ( 394273.7, |
| 3815689.0, 886.2, 1439.5, 0.0);             |             |
| ( 394296.4, 3815686.5, 886.7, 1439.5, 0.0); | ( 394364.7, |
| 3815678.9, 888.2, 1353.8, 0.0);             |             |
| ( 394387.5, 3815676.4, 888.8, 1353.8, 0.0); | ( 394410.2, |
| 3815673.9, 889.5, 1353.8, 0.0);             |             |
| ( 394546.8, 3815658.7, 898.5, 1353.8, 0.0); | ( 394569.5, |
| 3815656.2, 901.8, 1353.8, 0.0);             |             |
| ( 393981.8, 3816058.9, 894.0, 1439.5, 0.0); | ( 393981.0, |
| 3816082.4, 894.4, 1439.5, 0.0);             |             |
| ( 393980.2, 3816105.9, 894.8, 1439.5, 0.0); | ( 393979.4, |
| 3816129.4, 895.1, 1439.5, 0.0);             |             |
| ( 393978.7, 3816152.8, 895.5, 1439.5, 0.0); | ( 393977.9, |
| 3816176.3, 895.8, 1439.5, 0.0);             |             |
| ( 393977.1, 3816199.8, 895.9, 1439.5, 0.0); | ( 393976.3, |
| 3816223.2, 896.0, 1439.5, 0.0);             |             |
| ( 393975.5, 3816246.7, 896.4, 1439.5, 0.0); | ( 393974.7, |
| 3816270.2, 897.3, 1439.5, 0.0);             |             |
| ( 393973.9, 3816293.7, 898.6, 1439.5, 0.0); | ( 393973.2, |
| 3816317.1, 900.0, 1439.5, 0.0);             |             |
| ( 393972.4, 3816340.6, 901.6, 1439.5, 0.0); | ( 393893.0, |
| 3816035.6, 891.7, 1439.5, 0.0);             |             |
| ( 393904.2, 3816015.6, 891.6, 1439.5, 0.0); | ( 393915.3, |
| 3815995.6, 891.5, 1439.5, 0.0);             |             |
| ( 393926.5, 3815975.6, 891.2, 1439.5, 0.0); | ( 393937.6, |
| 3815955.6, 891.2, 1439.5, 0.0);             |             |
| ( 393948.8, 3815935.6, 891.3, 1439.5, 0.0); | ( 393960.0, |
| 3815915.7, 891.4, 1439.5, 0.0);             |             |
| ( 393971.1, 3815895.7, 891.4, 1439.5, 0.0); | ( 393982.3, |
| 3815875.7, 891.2, 1439.5, 0.0);             |             |
| ( 393993.5, 3815855.7, 890.5, 1439.5, 0.0); | ( 394004.6, |

```

3815835.7, 888.3, 1439.5, 0.0);
(394015.8, 3815815.7, 885.0, 1439.5, 0.0); (394026.9,
3815795.7, 883.4, 1439.5, 0.0);
(394038.1, 3815775.7, 882.9, 1439.5, 0.0); (394049.2,
3815755.7, 883.0, 1439.5, 0.0);
(394060.4, 3815735.7, 883.2, 1439.5, 0.0); (394071.6,
3815715.7, 883.3, 1439.5, 0.0);
(394082.7, 3815695.8, 883.3, 1937.2, 0.0); (394093.9,
3815675.8, 883.2, 1937.2, 0.0);
(394105.0, 3815655.8, 883.0, 1937.2, 0.0); (394116.2,
3815635.8, 883.1, 1937.2, 0.0);
(394150.1, 3815613.3, 884.0, 1937.2, 0.0); (394172.9,
3815610.7, 884.5, 1937.2, 0.0);
(394195.6, 3815608.2, 885.0, 1937.2, 0.0); (394218.4,
3815605.7, 885.5, 1937.2, 0.0);
(394241.1, 3815603.2, 885.9, 1937.2, 0.0); (394309.4,
3815595.6, 888.0, 1353.8, 0.0);
(394332.1, 3815593.1, 888.8, 1353.8, 0.0); (394354.9,
3815590.5, 889.8, 1353.8, 0.0);
(394537.0, 3815570.4, 897.9, 1353.8, 0.0); (394559.7,
3815567.8, 899.2, 1353.8, 0.0);
(394582.5, 3815565.3, 900.9, 1353.8, 0.0); (394605.2,
3815562.8, 902.6, 1353.8, 0.0);
(393881.9, 3816055.6, 891.7, 1439.5, 0.0); (393881.1,
3816079.1, 892.0, 1439.5, 0.0);
(393880.3, 3816102.5, 892.5, 1439.5, 0.0); (393879.5,
3816126.0, 893.0, 1439.5, 0.0);
(393878.7, 3816149.5, 893.2, 1439.5, 0.0); (393877.9,
3816173.0, 893.1, 1439.5, 0.0);
(393877.1, 3816196.4, 893.2, 1439.5, 0.0); (393876.4,
3816219.9, 893.6, 1439.5, 0.0);
(393875.6, 3816243.4, 894.4, 1439.5, 0.0); (393874.8,
3816266.8, 895.2, 1439.5, 0.0);
(393874.0, 3816290.3, 896.2, 1439.5, 0.0); (393873.2,
3816313.8, 897.4, 1439.5, 0.0);
(393872.4, 3816337.3, 898.7, 1439.5, 0.0); (394094.8,
3815529.9, 882.6, 1937.2, 0.0);
(394117.5, 3815527.4, 883.1, 1937.2, 0.0); (394140.3,
3815524.9, 883.7, 1937.2, 0.0);
(394163.1, 3815522.4, 884.5, 1937.2, 0.0); (394185.8,
3815519.8, 885.4, 1937.2, 0.0);
(394208.6, 3815517.3, 886.4, 1937.2, 0.0); (394231.3,
3815514.8, 887.6, 1937.2, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 280

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 394254.1, 3815512.3, 888.8, 1937.2, 0.0); | ( 394276.8, |
| 3815509.8, 890.2, 1937.2, 0.0);             |             |
| ( 394299.6, 3815507.2, 891.5, 1937.2, 0.0); | ( 394504.4, |
| 3815484.5, 905.0, 1353.8, 0.0);             |             |
| ( 394527.1, 3815482.0, 906.2, 1353.8, 0.0); | ( 394549.9, |
| 3815479.5, 907.9, 1353.8, 0.0);             |             |
| ( 394572.7, 3815477.0, 909.0, 1353.8, 0.0); | ( 394595.4, |
| 3815474.4, 909.0, 1353.8, 0.0);             |             |
| ( 394618.2, 3815471.9, 908.2, 1353.8, 0.0); | ( 394640.9, |
| 3815469.4, 907.7, 1353.8, 0.0);             |             |
| ( 393779.6, 3816122.7, 889.6, 1439.5, 0.0); | ( 393778.8, |
| 3816146.1, 890.0, 1439.5, 0.0);             |             |
| ( 393778.0, 3816169.6, 890.4, 1439.5, 0.0); | ( 393777.2, |
| 3816193.1, 890.8, 1439.5, 0.0);             |             |
| ( 393776.4, 3816216.6, 890.9, 1439.5, 0.0); | ( 393775.6, |
| 3816240.0, 891.3, 1439.5, 0.0);             |             |
| ( 393774.8, 3816263.5, 892.0, 1439.5, 0.0); | ( 393774.1, |
| 3816287.0, 892.8, 1439.5, 0.0);             |             |
| ( 393773.3, 3816310.4, 893.7, 1439.5, 0.0); | ( 393772.5, |
| 3816333.9, 895.0, 1439.5, 0.0);             |             |
| ( 393693.1, 3816028.9, 886.2, 1439.5, 0.0); | ( 393704.3, |
| 3816008.9, 886.3, 1439.5, 0.0);             |             |
| ( 393715.5, 3815988.9, 886.5, 1439.5, 0.0); | ( 393726.6, |
| 3815968.9, 886.9, 1439.5, 0.0);             |             |
| ( 393737.8, 3815948.9, 887.0, 1439.5, 0.0); | ( 393748.9, |
| 3815929.0, 886.9, 1439.5, 0.0);             |             |
| ( 393760.1, 3815909.0, 886.7, 1439.5, 0.0); | ( 393771.2, |
| 3815889.0, 886.5, 1439.5, 0.0);             |             |
| ( 393782.4, 3815869.0, 886.1, 1439.5, 0.0); | ( 393793.6, |
| 3815849.0, 885.8, 1439.5, 0.0);             |             |
| ( 393804.7, 3815829.0, 886.2, 1439.5, 0.0); | ( 393815.9, |
| 3815809.0, 886.2, 1439.5, 0.0);             |             |
| ( 393827.0, 3815789.0, 885.9, 1439.5, 0.0); | ( 393838.2, |
| 3815769.0, 885.2, 1439.5, 0.0);             |             |
| ( 393849.3, 3815749.0, 883.6, 1937.2, 0.0); | ( 393860.5, |
| 3815729.0, 880.8, 1937.2, 0.0);             |             |
| ( 393871.7, 3815709.0, 879.9, 1937.2, 0.0); | ( 393882.8, |
| 3815689.1, 879.8, 1937.2, 0.0);             |             |
| ( 393894.0, 3815669.1, 879.7, 1937.2, 0.0); | ( 393905.1, |
| 3815649.1, 879.8, 1937.2, 0.0);             |             |
| ( 393916.3, 3815629.1, 879.9, 1937.2, 0.0); | ( 393927.5, |
| 3815609.1, 880.0, 1937.2, 0.0);             |             |
| ( 393938.6, 3815589.1, 880.0, 1979.8, 0.0); | ( 393949.8, |
| 3815569.1, 880.0, 1979.8, 0.0);             |             |
| ( 393960.9, 3815549.1, 879.9, 1980.1, 0.0); | ( 393972.1, |

```

3815529.1, 879.9, 1980.1, 0.0);
(393983.3, 3815509.1, 879.9, 1980.1, 0.0); (393994.4,
3815489.1, 879.9, 1980.1, 0.0);
(394005.6, 3815469.1, 880.0, 1980.1, 0.0); (394039.5,
3815446.6, 880.7, 1980.1, 0.0);
(394062.2, 3815444.1, 881.2, 1980.1, 0.0); (394153.3,
3815434.0, 884.2, 1980.1, 0.0);
(394176.0, 3815431.5, 885.0, 1980.1, 0.0); (394198.8,
3815429.0, 885.8, 1980.1, 0.0);
(394221.5, 3815426.4, 887.0, 1979.8, 0.0); (394244.3,
3815423.9, 889.0, 1979.8, 0.0);
(394267.0, 3815421.4, 891.9, 1937.2, 0.0); (394289.8,
3815418.9, 895.3, 1937.2, 0.0);
(394312.6, 3815416.4, 898.1, 1937.2, 0.0); (394335.3,
3815413.8, 900.1, 1937.2, 0.0);
(394358.1, 3815411.3, 902.0, 1937.2, 0.0); (394380.8,
3815408.8, 903.7, 1353.8, 0.0);
(394403.6, 3815406.3, 903.7, 1353.8, 0.0); (394426.3,
3815403.7, 904.1, 1353.8, 0.0);
(394449.1, 3815401.2, 904.9, 1353.8, 0.0); (394471.8,
3815398.7, 906.0, 1353.8, 0.0);
(394494.6, 3815396.2, 907.5, 1353.8, 0.0); (394517.4,
3815393.6, 909.8, 1353.8, 0.0);
(394540.1, 3815391.1, 912.7, 1353.8, 0.0); (394562.9,
3815388.6, 915.3, 1353.8, 0.0);
(394585.6, 3815386.1, 917.0, 1353.8, 0.0); (394608.4,
3815383.5, 918.9, 1353.8, 0.0);
(394631.1, 3815381.0, 925.0, 1353.8, 0.0); (394653.9,
3815378.5, 928.7, 1353.8, 0.0);
(394676.6, 3815376.0, 928.0, 1353.8, 0.0); (393682.0,
3816048.9, 886.3, 1439.5, 0.0);
(393681.2, 3816072.4, 886.7, 1439.5, 0.0); (393680.4,
3816095.8, 887.2, 1439.5, 0.0);
(393679.6, 3816119.3, 887.6, 1439.5, 0.0); (393678.8,
3816142.8, 887.8, 1439.5, 0.0);
(393678.0, 3816166.3, 887.8, 1439.5, 0.0); (393677.2,
3816189.7, 887.7, 1439.5, 0.0);
(393676.5, 3816213.2, 887.9, 1439.5, 0.0); (393675.7,
3816236.7, 888.3, 1439.5, 0.0);
(393674.9, 3816260.2, 889.1, 1439.5, 0.0); (393674.1,
3816283.6, 890.1, 1439.5, 0.0);
(393673.3, 3816307.1, 891.2, 1439.5, 0.0); (393672.5,
3816330.6, 892.5, 1439.5, 0.0);
(393593.2, 3816025.6, 884.2, 1439.5, 0.0); (393604.3,
3816005.6, 884.0, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 393615.5, 3815985.6, 883.4, 1439.5, 0.0); | ( 393626.7, |
| 3815965.6, 883.1, 1439.5, 0.0);             |             |
| ( 393637.8, 3815945.6, 883.5, 1439.5, 0.0); | ( 393649.0, |
| 3815925.6, 884.2, 1439.5, 0.0);             |             |
| ( 393660.1, 3815905.6, 884.5, 1439.5, 0.0); | ( 393671.3, |
| 3815885.6, 884.5, 1439.5, 0.0);             |             |
| ( 393682.5, 3815865.6, 884.3, 1439.5, 0.0); | ( 393693.6, |
| 3815845.6, 884.1, 1439.5, 0.0);             |             |
| ( 393704.8, 3815825.6, 884.1, 1439.5, 0.0); | ( 393715.9, |
| 3815805.7, 883.6, 1439.5, 0.0);             |             |
| ( 393727.1, 3815785.7, 882.7, 1937.2, 0.0); | ( 393738.2, |
| 3815765.7, 882.9, 1937.2, 0.0);             |             |
| ( 393749.4, 3815745.7, 883.2, 1937.2, 0.0); | ( 393760.6, |
| 3815725.7, 882.2, 1937.2, 0.0);             |             |
| ( 393771.7, 3815705.7, 880.2, 1937.2, 0.0); | ( 393782.9, |
| 3815685.7, 878.8, 1937.2, 0.0);             |             |
| ( 393794.0, 3815665.7, 878.1, 1937.2, 0.0); | ( 393805.2, |
| 3815645.7, 878.1, 1937.2, 0.0);             |             |
| ( 393816.4, 3815625.7, 878.2, 1979.8, 0.0); | ( 393827.5, |
| 3815605.7, 878.1, 1980.1, 0.0);             |             |
| ( 393838.7, 3815585.8, 878.1, 1980.1, 0.0); | ( 393849.8, |
| 3815565.8, 878.1, 1980.1, 0.0);             |             |
| ( 393861.0, 3815545.8, 878.0, 1980.1, 0.0); | ( 393872.1, |
| 3815525.8, 878.0, 1980.1, 0.0);             |             |
| ( 393883.3, 3815505.8, 877.9, 1980.1, 0.0); | ( 393894.5, |
| 3815485.8, 877.9, 1980.1, 0.0);             |             |
| ( 393905.6, 3815465.8, 877.9, 1980.1, 0.0); | ( 393916.8, |
| 3815445.8, 877.9, 1981.6, 0.0);             |             |
| ( 393928.0, 3815425.8, 878.0, 1989.7, 0.0); | ( 393939.1, |
| 3815405.8, 878.1, 1989.7, 0.0);             |             |
| ( 393950.3, 3815385.8, 878.3, 1989.7, 0.0); | ( 393984.2, |
| 3815363.3, 878.7, 1989.7, 0.0);             |             |
| ( 394006.9, 3815360.8, 879.6, 1989.7, 0.0); | ( 394029.7, |
| 3815358.3, 880.7, 1989.7, 0.0);             |             |
| ( 394052.5, 3815355.8, 882.0, 1989.7, 0.0); | ( 394075.2, |
| 3815353.2, 883.3, 1988.2, 0.0);             |             |
| ( 394098.0, 3815350.7, 884.6, 1980.1, 0.0); | ( 394120.7, |
| 3815348.2, 886.0, 1980.1, 0.0);             |             |
| ( 394189.0, 3815340.6, 890.3, 1980.1, 0.0); | ( 394211.7, |
| 3815338.1, 891.6, 1980.1, 0.0);             |             |
| ( 394234.5, 3815335.6, 893.3, 1980.1, 0.0); | ( 394257.2, |
| 3815333.0, 895.6, 1979.8, 0.0);             |             |
| ( 394280.0, 3815330.5, 897.5, 1937.2, 0.0); | ( 394302.8, |

3815328.0, 899.2, 1937.2, 0.0);  
 ( 394325.5, 3815325.5, 901.0, 1937.2, 0.0); ( 394348.3,  
 3815322.9, 903.0, 1937.2, 0.0);  
 ( 394371.0, 3815320.4, 904.8, 1937.2, 0.0); ( 394393.8,  
 3815317.9, 906.5, 1937.2, 0.0);  
 ( 394416.5, 3815315.4, 908.3, 1937.2, 0.0); ( 394439.3,  
 3815312.9, 910.4, 1353.8, 0.0);  
 ( 394462.0, 3815310.3, 912.4, 1353.8, 0.0); ( 394484.8,  
 3815307.8, 914.4, 1353.8, 0.0);  
 ( 394507.6, 3815305.3, 916.0, 1353.8, 0.0); ( 394530.3,  
 3815302.8, 916.7, 1353.8, 0.0);  
 ( 394553.1, 3815300.2, 917.6, 1353.8, 0.0); ( 394575.8,  
 3815297.7, 918.1, 1353.8, 0.0);  
 ( 394598.6, 3815295.2, 918.1, 1353.8, 0.0); ( 394621.3,  
 3815292.7, 919.5, 1353.8, 0.0);  
 ( 394644.1, 3815290.1, 923.2, 1353.8, 0.0); ( 394666.8,  
 3815287.6, 927.5, 1353.8, 0.0);  
 ( 394689.6, 3815285.1, 930.0, 1353.8, 0.0); ( 394712.4,  
 3815282.6, 930.7, 1353.8, 0.0);  
 ( 393582.0, 3816045.6, 884.1, 1439.5, 0.0); ( 393581.2,  
 3816069.0, 884.3, 1439.5, 0.0);  
 ( 393580.5, 3816092.5, 884.5, 1439.5, 0.0); ( 393579.7,  
 3816116.0, 884.6, 1439.5, 0.0);  
 ( 393578.9, 3816139.4, 884.5, 1439.5, 0.0); ( 393578.1,  
 3816162.9, 884.6, 1439.5, 0.0);  
 ( 393577.3, 3816186.4, 885.1, 1439.5, 0.0); ( 393576.5,  
 3816209.9, 885.7, 1439.5, 0.0);  
 ( 393575.7, 3816233.3, 886.3, 1439.5, 0.0); ( 393575.0,  
 3816256.8, 887.1, 1439.5, 0.0);  
 ( 393574.2, 3816280.3, 888.2, 1439.5, 0.0); ( 393573.4,  
 3816303.8, 889.3, 1439.5, 0.0);  
 ( 393572.6, 3816327.2, 890.4, 1439.5, 0.0); ( 393343.6,  
 3816016.7, 877.8, 1439.5, 0.0);  
 ( 393355.0, 3815996.3, 877.2, 1439.5, 0.0); ( 393366.4,  
 3815975.8, 876.9, 1439.5, 0.0);  
 ( 393377.8, 3815955.4, 876.6, 1439.5, 0.0); ( 393389.3,  
 3815934.9, 877.1, 1937.2, 0.0);  
 ( 393400.7, 3815914.4, 877.5, 1937.2, 0.0); ( 393412.1,  
 3815894.0, 877.8, 1937.2, 0.0);  
 ( 393423.5, 3815873.5, 877.8, 1937.2, 0.0); ( 393434.9,  
 3815853.1, 877.5, 1937.2, 0.0);  
 ( 393446.3, 3815832.6, 876.7, 1937.2, 0.0); ( 393457.8,  
 3815812.2, 876.7, 1937.2, 0.0);  
 ( 393469.2, 3815791.7, 877.5, 1937.2, 0.0); ( 393480.6,  
 3815771.3, 877.6, 1937.2, 0.0);  
 ( 393492.0, 3815750.8, 877.4, 1937.2, 0.0); ( 393503.4,  
 3815730.3, 877.6, 1937.2, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study

\*\*\*

17:54:19

PAGE 282

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 393514.9, 3815709.9, 878.2, 1937.2, 0.0); | ( 393526.3, |
| 3815689.4, 878.5, 1979.8, 0.0);             |             |
| ( 393537.7, 3815669.0, 877.9, 1980.1, 0.0); | ( 393549.1, |
| 3815648.5, 877.2, 1980.1, 0.0);             |             |
| ( 393560.5, 3815628.1, 876.5, 1980.1, 0.0); | ( 393572.0, |
| 3815607.6, 875.8, 1980.1, 0.0);             |             |
| ( 393583.4, 3815587.1, 874.9, 1980.1, 0.0); | ( 393594.8, |
| 3815566.7, 874.5, 1980.1, 0.0);             |             |
| ( 393606.2, 3815546.2, 874.4, 1981.6, 0.0); | ( 393617.6, |
| 3815525.8, 874.3, 1988.2, 0.0);             |             |
| ( 393629.0, 3815505.3, 874.3, 1989.7, 0.0); | ( 393640.5, |
| 3815484.9, 874.3, 1989.7, 0.0);             |             |
| ( 393651.9, 3815464.4, 874.2, 1989.7, 0.0); | ( 393663.3, |
| 3815444.0, 874.2, 1989.7, 0.0);             |             |
| ( 393674.7, 3815423.5, 874.0, 1989.7, 0.0); | ( 393686.1, |
| 3815403.0, 873.9, 1989.7, 0.0);             |             |
| ( 393697.5, 3815382.6, 873.8, 1989.7, 0.0); | ( 393709.0, |
| 3815362.1, 873.8, 1989.7, 0.0);             |             |
| ( 393720.4, 3815341.7, 873.8, 1989.7, 0.0); | ( 393731.8, |
| 3815321.2, 874.0, 1989.7, 0.0);             |             |
| ( 393743.2, 3815300.8, 874.2, 1989.7, 0.0); | ( 393754.6, |
| 3815280.3, 877.6, 1989.7, 0.0);             |             |
| ( 393766.1, 3815259.8, 883.6, 1989.7, 0.0); | ( 393777.5, |
| 3815239.4, 890.9, 1989.7, 0.0);             |             |
| ( 393788.9, 3815218.9, 897.7, 1989.7, 0.0); | ( 393800.3, |
| 3815198.5, 904.5, 1981.6, 0.0);             |             |
| ( 393811.7, 3815178.0, 906.8, 1981.6, 0.0); | ( 393846.4, |
| 3815155.0, 910.2, 1980.1, 0.0);             |             |
| ( 393869.7, 3815152.4, 915.2, 1980.1, 0.0); | ( 393893.0, |
| 3815149.8, 921.7, 1979.8, 0.0);             |             |
| ( 393916.3, 3815147.2, 929.5, 1937.2, 0.0); | ( 393939.6, |
| 3815144.7, 936.6, 1937.2, 0.0);             |             |
| ( 393962.9, 3815142.1, 940.1, 1937.2, 0.0); | ( 394056.0, |
| 3815131.8, 943.3, 1353.8, 0.0);             |             |
| ( 394079.3, 3815129.2, 944.8, 1353.8, 0.0); | ( 394102.6, |
| 3815126.6, 947.9, 1353.8, 0.0);             |             |
| ( 394125.9, 3815124.0, 950.0, 1353.8, 0.0); | ( 394149.1, |
| 3815121.4, 948.6, 1353.8, 0.0);             |             |
| ( 394172.4, 3815118.8, 943.9, 1353.8, 0.0); | ( 394195.7, |
| 3815116.2, 938.3, 1353.8, 0.0);             |             |
| ( 394219.0, 3815113.7, 933.1, 1937.2, 0.0); | ( 394242.3, |



3815111.1, 928.8, 1937.2, 0.0);  
 ( 394265.6, 3815108.5, 925.5, 1937.2, 0.0); ( 394288.8,  
 3815105.9, 924.4, 1937.2, 0.0);  
 ( 394312.1, 3815103.3, 925.1, 1937.2, 0.0); ( 394335.4,  
 3815100.8, 926.7, 1937.2, 0.0);  
 ( 394358.7, 3815098.2, 929.0, 1937.2, 0.0); ( 394382.0,  
 3815095.6, 931.6, 1937.2, 0.0);  
 ( 394405.3, 3815093.0, 933.5, 1353.8, 0.0); ( 394428.6,  
 3815090.4, 934.4, 1353.8, 0.0);  
 ( 394451.8, 3815087.8, 934.2, 1353.8, 0.0); ( 394475.1,  
 3815085.3, 935.1, 1353.8, 0.0);  
 ( 394498.4, 3815082.7, 936.5, 1353.8, 0.0); ( 394521.7,  
 3815080.1, 939.2, 1353.8, 0.0);  
 ( 394545.0, 3815077.5, 940.8, 1353.8, 0.0); ( 394568.3,  
 3815074.9, 941.2, 1353.8, 0.0);  
 ( 394591.5, 3815072.4, 944.8, 1353.8, 0.0); ( 394614.8,  
 3815069.8, 952.9, 1353.8, 0.0);  
 ( 394638.1, 3815067.2, 961.0, 1353.8, 0.0); ( 394661.4,  
 3815064.6, 966.6, 1353.8, 0.0);  
 ( 394684.7, 3815062.0, 969.3, 1353.8, 0.0); ( 394708.0,  
 3815059.4, 968.8, 1353.8, 0.0);  
 ( 394731.3, 3815056.9, 965.8, 1353.8, 0.0); ( 394754.5,  
 3815054.3, 959.7, 1353.8, 0.0);  
 ( 394777.8, 3815051.7, 953.0, 1353.8, 0.0); ( 394801.1,  
 3815049.1, 947.6, 1353.8, 0.0);  
 ( 393332.2, 3816037.2, 878.5, 1439.5, 0.0); ( 393331.4,  
 3816060.7, 879.5, 1439.5, 0.0);  
 ( 393330.6, 3816084.1, 880.6, 1439.5, 0.0); ( 393329.8,  
 3816107.6, 881.7, 1439.5, 0.0);  
 ( 393329.0, 3816131.1, 882.8, 1439.5, 0.0); ( 393328.2,  
 3816154.6, 883.8, 1439.5, 0.0);  
 ( 393327.5, 3816178.0, 884.8, 1439.5, 0.0); ( 393326.7,  
 3816201.5, 885.8, 1439.5, 0.0);  
 ( 393325.9, 3816225.0, 886.6, 1439.5, 0.0); ( 393325.1,  
 3816248.4, 887.0, 1439.5, 0.0);  
 ( 393324.3, 3816271.9, 887.8, 1439.5, 0.0); ( 393323.5,  
 3816295.4, 888.7, 1439.5, 0.0);  
 ( 393322.7, 3816318.9, 889.5, 1439.5, 0.0); ( 393093.7,  
 3816008.5, 878.3, 1439.5, 0.0);  
 ( 393105.0, 3815988.1, 878.2, 1937.2, 0.0); ( 393116.4,  
 3815967.7, 877.8, 1937.2, 0.0);  
 ( 393127.8, 3815947.3, 877.3, 1937.2, 0.0); ( 393139.1,  
 3815927.0, 876.6, 1937.2, 0.0);  
 ( 393150.5, 3815906.6, 875.9, 1937.2, 0.0); ( 393161.9,  
 3815886.2, 875.0, 1937.2, 0.0);  
 ( 393173.3, 3815865.9, 874.1, 1937.2, 0.0); ( 393184.6,  
 3815845.5, 873.4, 1937.2, 0.0);  
 ( 393196.0, 3815825.1, 872.7, 1937.2, 0.0); ( 393207.4,  
 3815804.8, 871.8, 1979.8, 0.0);

Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 283

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| ( 393218.7, 3815784.4, 870.4, 1980.1, 0.0); | ( 393230.1, 3815764.0, 869.1, 1980.1, 0.0); |
| ( 393241.5, 3815743.7, 869.2, 1980.1, 0.0); | ( 393252.8, 3815723.3, 869.7, 1980.1, 0.0); |
| ( 393264.2, 3815702.9, 869.4, 1980.1, 0.0); | ( 393275.6, 3815682.6, 870.3, 1980.1, 0.0); |
| ( 393287.0, 3815662.2, 871.7, 1980.1, 0.0); | ( 393298.3, 3815641.8, 872.7, 1980.1, 0.0); |
| ( 393309.7, 3815621.4, 873.2, 1980.1, 0.0); | ( 393321.1, 3815601.1, 873.6, 1981.6, 0.0); |
| ( 393332.4, 3815580.7, 873.9, 1988.2, 0.0); | ( 393343.8, 3815560.3, 873.8, 1989.7, 0.0); |
| ( 393355.2, 3815540.0, 873.4, 1989.7, 0.0); | ( 393366.5, 3815519.6, 872.9, 1989.7, 0.0); |
| ( 393377.9, 3815499.2, 872.8, 1989.7, 0.0); | ( 393389.3, 3815478.9, 872.9, 1989.7, 0.0); |
| ( 393400.6, 3815458.5, 872.6, 1989.7, 0.0); | ( 393412.0, 3815438.1, 871.7, 1989.7, 0.0); |
| ( 393423.4, 3815417.8, 870.9, 1989.7, 0.0); | ( 393434.8, 3815397.4, 870.5, 1989.7, 0.0); |
| ( 393446.1, 3815377.0, 870.4, 1989.7, 0.0); | ( 393457.5, 3815356.7, 870.3, 1989.7, 0.0); |
| ( 393468.9, 3815336.3, 870.2, 1989.7, 0.0); | ( 393480.2, 3815315.9, 870.1, 1989.7, 0.0); |
| ( 393491.6, 3815295.5, 870.2, 1989.7, 0.0); | ( 393503.0, 3815275.2, 870.3, 1989.7, 0.0); |
| ( 393514.3, 3815254.8, 870.2, 1989.7, 0.0); | ( 393525.7, 3815234.4, 870.2, 1989.7, 0.0); |
| ( 393537.1, 3815214.1, 871.2, 1989.7, 0.0); | ( 393548.5, 3815193.7, 872.8, 1989.7, 0.0); |
| ( 393559.8, 3815173.3, 873.9, 1989.7, 0.0); | ( 393571.2, 3815153.0, 874.1, 1989.7, 0.0); |
| ( 393582.6, 3815132.6, 874.4, 1989.7, 0.0); | ( 393593.9, 3815112.2, 875.2, 1989.7, 0.0); |
| ( 393605.3, 3815091.9, 876.1, 1989.7, 0.0); | ( 393616.7, 3815071.5, 876.8, 1989.7, 0.0); |
| ( 393628.0, 3815051.1, 877.4, 1989.7, 0.0); | ( 393639.4, 3815030.8, 878.4, 1989.7, 0.0); |
| ( 393650.8, 3815010.4, 879.5, 1989.7, 0.0); | ( 393662.1, 3815000.0, 880.0, 1989.7, 0.0); |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814990.0,  | 880.4,     | 1989.7, | 0.0);   |       |             |
| ( 393673.5, | 3814969.6, | 882.3,  | 1989.7, | 0.0); | ( 393708.1, |
| 3814946.7,  | 886.7,     | 1989.7, | 0.0);   |       |             |
| ( 393731.2, | 3814944.1, | 888.0,  | 1989.7, | 0.0); | ( 393754.4, |
| 3814941.6,  | 890.0,     | 1989.7, | 0.0);   |       |             |
| ( 393777.6, | 3814939.0, | 891.3,  | 1989.7, | 0.0); | ( 393800.8, |
| 3814936.4,  | 893.3,     | 1989.7, | 0.0);   |       |             |
| ( 393824.0, | 3814933.9, | 895.3,  | 1989.7, | 0.0); | ( 393893.5, |
| 3814926.1,  | 902.5,     | 1989.7, | 0.0);   |       |             |
| ( 393916.7, | 3814923.6, | 906.3,  | 1989.7, | 0.0); | ( 393939.9, |
| 3814921.0,  | 908.1,     | 1989.7, | 0.0);   |       |             |
| ( 393963.1, | 3814918.4, | 909.8,  | 1989.7, | 0.0); | ( 393986.3, |
| 3814915.9,  | 912.0,     | 1989.7, | 0.0);   |       |             |
| ( 394009.5, | 3814913.3, | 915.8,  | 1989.7, | 0.0); | ( 394032.7, |
| 3814910.7,  | 922.3,     | 1989.7, | 0.0);   |       |             |
| ( 394055.8, | 3814908.1, | 929.9,  | 1980.1, | 0.0); | ( 394079.0, |
| 3814905.6,  | 936.7,     | 1980.1, | 0.0);   |       |             |
| ( 394102.2, | 3814903.0, | 941.5,  | 1979.8, | 0.0); | ( 394125.4, |
| 3814900.4,  | 945.2,     | 1937.2, | 0.0);   |       |             |
| ( 394148.6, | 3814897.9, | 950.0,  | 1937.2, | 0.0); | ( 394171.8, |
| 3814895.3,  | 954.0,     | 1937.2, | 0.0);   |       |             |
| ( 394195.0, | 3814892.7, | 957.1,  | 1937.2, | 0.0); | ( 394218.1, |
| 3814890.1,  | 962.6,     | 1353.8, | 0.0);   |       |             |
| ( 394241.3, | 3814887.6, | 973.5,  | 1353.8, | 0.0); | ( 394264.5, |
| 3814885.0,  | 986.5,     | 1353.8, | 0.0);   |       |             |
| ( 394287.7, | 3814882.4, | 999.9,  | 1353.8, | 0.0); | ( 394310.9, |
| 3814879.9,  | 1013.9,    | 1353.8, | 0.0);   |       |             |
| ( 394334.1, | 3814877.3, | 1027.3, | 1353.8, | 0.0); | ( 394357.2, |
| 3814874.7,  | 1036.0,    | 1353.8, | 0.0);   |       |             |
| ( 394380.4, | 3814872.2, | 1037.4, | 1353.8, | 0.0); | ( 394403.6, |
| 3814869.6,  | 1036.2,    | 1353.8, | 0.0);   |       |             |
| ( 394426.8, | 3814867.0, | 1039.8, | 1353.8, | 0.0); | ( 394450.0, |
| 3814864.4,  | 1040.7,    | 1353.8, | 0.0);   |       |             |
| ( 394473.2, | 3814861.9, | 1033.1, | 1353.8, | 0.0); | ( 394496.3, |
| 3814859.3,  | 1024.9,    | 1353.8, | 0.0);   |       |             |
| ( 394519.5, | 3814856.7, | 1020.8, | 1353.8, | 0.0); | ( 394542.7, |
| 3814854.2,  | 1023.3,    | 1353.8, | 0.0);   |       |             |
| ( 394565.9, | 3814851.6, | 1026.8, | 1353.8, | 0.0); | ( 394589.1, |
| 3814849.0,  | 1029.5,    | 1353.8, | 0.0);   |       |             |
| ( 394612.3, | 3814846.4, | 1029.8, | 1353.8, | 0.0); | ( 394635.5, |
| 3814843.9,  | 1025.5,    | 1353.8, | 0.0);   |       |             |
| ( 394658.6, | 3814841.3, | 1016.8, | 1353.8, | 0.0); | ( 394681.8, |
| 3814838.7,  | 1006.6,    | 1353.8, | 0.0);   |       |             |
| ( 394705.0, | 3814836.2, | 996.6,  | 1353.8, | 0.0); | ( 394728.2, |
| 3814833.6,  | 989.4,     | 1353.8, | 0.0);   |       |             |
| ( 394751.4, | 3814831.0, | 989.0,  | 1353.8, | 0.0); | ( 394774.6, |
| 3814828.4,  | 990.9,     | 1353.8, | 0.0);   |       |             |
| ( 394797.8, | 3814825.9, | 989.8,  | 1353.8, | 0.0); | ( 394820.9, |
| 3814823.3,  | 986.3,     | 1353.8, | 0.0);   |       |             |
| ( 394844.1, | 3814820.7, | 981.9,  | 1353.8, | 0.0); | ( 394867.3, |

3814818.2, 980.1, 1353.8, 0.0);  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 284

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 394890.5, 3814815.6, 980.5, 1353.8, 0.0); | ( 393082.3, |
| 3816028.8, 877.9, 1439.5, 0.0);             |             |
| ( 393081.5, 3816052.3, 878.0, 1439.5, 0.0); | ( 393080.7, |
| 3816075.8, 878.2, 1439.5, 0.0);             |             |
| ( 393080.0, 3816099.2, 879.0, 1439.5, 0.0); | ( 393079.2, |
| 3816122.7, 879.2, 1439.5, 0.0);             |             |
| ( 393078.4, 3816146.2, 879.4, 1439.5, 0.0); | ( 393077.6, |
| 3816169.7, 879.8, 1439.5, 0.0);             |             |
| ( 393076.8, 3816193.1, 880.2, 1439.5, 0.0); | ( 393076.0, |
| 3816216.6, 880.9, 1439.5, 0.0);             |             |
| ( 393075.2, 3816240.1, 881.5, 1439.5, 0.0); | ( 393074.5, |
| 3816263.5, 882.2, 1439.5, 0.0);             |             |
| ( 393073.7, 3816287.0, 882.8, 1439.5, 0.0); | ( 393072.9, |
| 3816310.5, 883.4, 1439.5, 0.0);             |             |
| ( 392843.8, 3816000.1, 876.4, 1937.2, 0.0); | ( 392855.1, |
| 3815979.8, 875.6, 1937.2, 0.0);             |             |
| ( 392866.5, 3815959.5, 874.6, 1937.2, 0.0); | ( 392877.8, |
| 3815939.2, 873.5, 1937.2, 0.0);             |             |
| ( 392889.1, 3815918.9, 872.2, 1937.2, 0.0); | ( 392900.5, |
| 3815898.6, 871.2, 1937.2, 0.0);             |             |
| ( 392911.8, 3815878.3, 870.3, 1937.2, 0.0); | ( 392923.1, |
| 3815858.0, 869.3, 1979.8, 0.0);             |             |
| ( 392934.5, 3815837.7, 868.8, 1980.1, 0.0); | ( 392945.8, |
| 3815817.4, 868.4, 1980.1, 0.0);             |             |
| ( 392957.1, 3815797.1, 868.2, 1980.1, 0.0); | ( 392968.5, |
| 3815776.8, 868.0, 1980.1, 0.0);             |             |
| ( 392979.8, 3815756.4, 868.1, 1980.1, 0.0); | ( 392991.1, |
| 3815736.1, 868.6, 1980.1, 0.0);             |             |
| ( 393002.5, 3815715.8, 868.5, 1980.1, 0.0); | ( 393013.8, |
| 3815695.5, 867.6, 1981.6, 0.0);             |             |
| ( 393025.2, 3815675.2, 865.8, 1989.7, 0.0); | ( 393036.5, |
| 3815654.9, 864.5, 1989.7, 0.0);             |             |
| ( 393047.8, 3815634.6, 863.5, 1989.7, 0.0); | ( 393059.2, |
| 3815614.3, 862.9, 1989.7, 0.0);             |             |
| ( 393070.5, 3815594.0, 863.0, 1989.7, 0.0); | ( 393081.8, |
| 3815573.7, 863.9, 1989.7, 0.0);             |             |
| ( 393093.2, 3815553.4, 866.1, 1989.7, 0.0); | ( 393104.5, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815533.0,  | 867.1,     | 1989.7, | 0.0);   |       |             |
| ( 393115.8, | 3815512.7, | 867.3,  | 1989.7, | 0.0); | ( 393127.2, |
| 3815492.4,  | 867.6,     | 1989.7, | 0.0);   |       |             |
| ( 393138.5, | 3815472.1, | 867.8,  | 1989.7, | 0.0); | ( 393149.8, |
| 3815451.8,  | 867.6,     | 1989.7, | 0.0);   |       |             |
| ( 393161.2, | 3815431.5, | 867.6,  | 1989.7, | 0.0); | ( 393172.5, |
| 3815411.2,  | 867.4,     | 1989.7, | 0.0);   |       |             |
| ( 393183.9, | 3815390.9, | 867.3,  | 1989.7, | 0.0); | ( 393195.2, |
| 3815370.6,  | 867.4,     | 1989.7, | 0.0);   |       |             |
| ( 393206.5, | 3815350.3, | 867.3,  | 1989.7, | 0.0); | ( 393217.9, |
| 3815330.0,  | 867.0,     | 1989.7, | 0.0);   |       |             |
| ( 393229.2, | 3815309.6, | 867.1,  | 1989.7, | 0.0); | ( 393240.5, |
| 3815289.3,  | 867.2,     | 1989.7, | 0.0);   |       |             |
| ( 393251.9, | 3815269.0, | 866.6,  | 1989.7, | 0.0); | ( 393263.2, |
| 3815248.7,  | 866.4,     | 1989.7, | 0.0);   |       |             |
| ( 393274.5, | 3815228.4, | 866.3,  | 1989.7, | 0.0); | ( 393285.9, |
| 3815208.1,  | 866.2,     | 1989.7, | 0.0);   |       |             |
| ( 393297.2, | 3815187.8, | 866.3,  | 1989.7, | 0.0); | ( 393308.6, |
| 3815167.5,  | 866.5,     | 1989.7, | 0.0);   |       |             |
| ( 393319.9, | 3815147.2, | 866.5,  | 1989.7, | 0.0); | ( 393331.2, |
| 3815126.9,  | 866.9,     | 1989.7, | 0.0);   |       |             |
| ( 393342.6, | 3815106.6, | 867.3,  | 1989.7, | 0.0); | ( 393353.9, |
| 3815086.2,  | 867.6,     | 1989.7, | 0.0);   |       |             |
| ( 393365.2, | 3815065.9, | 867.9,  | 1989.7, | 0.0); | ( 393376.6, |
| 3815045.6,  | 868.2,     | 1989.7, | 0.0);   |       |             |
| ( 393387.9, | 3815025.3, | 868.3,  | 1989.7, | 0.0); | ( 393399.2, |
| 3815005.0,  | 868.6,     | 1989.7, | 0.0);   |       |             |
| ( 393410.6, | 3814984.7, | 869.0,  | 1989.7, | 0.0); | ( 393421.9, |
| 3814964.4,  | 869.5,     | 1989.7, | 0.0);   |       |             |
| ( 393433.2, | 3814944.1, | 870.5,  | 1989.7, | 0.0); | ( 393444.6, |
| 3814923.8,  | 871.3,     | 1989.7, | 0.0);   |       |             |
| ( 393455.9, | 3814903.5, | 871.5,  | 1989.7, | 0.0); | ( 393467.3, |
| 3814883.2,  | 871.1,     | 1989.7, | 0.0);   |       |             |
| ( 393478.6, | 3814862.9, | 870.7,  | 1989.7, | 0.0); | ( 393489.9, |
| 3814842.5,  | 870.6,     | 1989.7, | 0.0);   |       |             |
| ( 393501.3, | 3814822.2, | 871.6,  | 1989.7, | 0.0); | ( 393512.6, |
| 3814801.9,  | 873.3,     | 1989.7, | 0.0);   |       |             |
| ( 393523.9, | 3814781.6, | 875.1,  | 1989.7, | 0.0); | ( 393535.3, |
| 3814761.3,  | 875.7,     | 1989.7, | 0.0);   |       |             |
| ( 393569.7, | 3814738.4, | 876.1,  | 1989.7, | 0.0); | ( 393592.8, |
| 3814735.9,  | 878.6,     | 1989.7, | 0.0);   |       |             |
| ( 393616.0, | 3814733.3, | 882.1,  | 1989.7, | 0.0); | ( 393639.1, |
| 3814730.8,  | 886.8,     | 1989.7, | 0.0);   |       |             |
| ( 393662.2, | 3814728.2, | 894.9,  | 1989.7, | 0.0); | ( 393685.3, |
| 3814725.6,  | 903.2,     | 1989.7, | 0.0);   |       |             |
| ( 393800.9, | 3814712.8, | 911.5,  | 1989.7, | 0.0); | ( 393824.0, |
| 3814710.2,  | 907.8,     | 1989.7, | 0.0);   |       |             |
| ( 393847.1, | 3814707.7, | 908.6,  | 1989.7, | 0.0); | ( 393870.2, |
| 3814705.1,  | 914.0,     | 1989.7, | 0.0);   |       |             |
| ( 393893.4, | 3814702.5, | 920.8,  | 1989.7, | 0.0); | ( 393916.5, |

3814700.0, 923.4, 1989.7, 0.0);  
( 393939.6, 3814697.4, 923.1, 1989.7, 0.0); ( 393962.7,  
3814694.9, 922.8, 1989.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 285

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 393985.8, 3814692.3, 922.7, 1989.7, 0.0); ( 394008.9,  
3814689.7, 925.5, 1989.7, 0.0);  
( 394032.1, 3814687.2, 934.1, 1989.7, 0.0); ( 394055.2,  
3814684.6, 942.9, 1989.7, 0.0);  
( 394078.3, 3814682.0, 948.7, 1988.2, 0.0); ( 394101.4,  
3814679.5, 950.0, 1980.1, 0.0);  
( 394124.5, 3814676.9, 947.9, 1988.2, 0.0); ( 394147.6,  
3814674.4, 946.4, 1989.7, 0.0);  
( 394170.8, 3814671.8, 947.6, 1988.2, 0.0); ( 394193.9,  
3814669.2, 948.1, 1980.1, 0.0);  
( 394217.0, 3814666.7, 955.1, 1980.1, 0.0); ( 394240.1,  
3814664.1, 964.2, 1937.2, 0.0);  
( 394263.2, 3814661.5, 972.9, 1937.2, 0.0); ( 394286.3,  
3814659.0, 981.4, 1353.8, 0.0);  
( 394309.5, 3814656.4, 988.2, 1353.8, 0.0); ( 394332.6,  
3814653.8, 992.1, 1353.8, 0.0);  
( 394355.7, 3814651.3, 994.5, 1353.8, 0.0); ( 394378.8,  
3814648.7, 995.7, 1353.8, 0.0);  
( 394401.9, 3814646.2, 993.0, 1353.8, 0.0); ( 394425.0,  
3814643.6, 986.9, 1353.8, 0.0);  
( 394448.2, 3814641.0, 980.0, 1353.8, 0.0); ( 394471.3,  
3814638.5, 976.9, 1353.8, 0.0);  
( 394494.4, 3814635.9, 979.3, 1353.8, 0.0); ( 394517.5,  
3814633.3, 976.3, 1353.8, 0.0);  
( 394540.6, 3814630.8, 976.5, 1353.8, 0.0); ( 394563.8,  
3814628.2, 978.8, 1353.8, 0.0);  
( 394586.9, 3814625.6, 982.7, 1353.8, 0.0); ( 394610.0,  
3814623.1, 988.3, 1353.8, 0.0);  
( 394633.1, 3814620.5, 994.3, 1353.8, 0.0); ( 394656.2,  
3814618.0, 999.4, 1353.8, 0.0);  
( 394679.3, 3814615.4, 1003.8, 1353.8, 0.0); ( 394702.5,  
3814612.8, 1008.5, 1353.8, 0.0);  
( 394725.6, 3814610.3, 1014.3, 1353.8, 0.0); ( 394748.7,  
3814607.7, 1020.6, 1353.8, 0.0);  
( 394771.8, 3814605.1, 1027.6, 1353.8, 0.0); ( 394794.9,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814602.6,  | 1033.5,    | 1353.8, | 0.0);   |       |             |
| ( 394818.0, | 3814600.0, | 1037.6, | 1353.8, | 0.0); | ( 394841.1, |
| 3814597.5,  | 1041.9,    | 1353.8, | 0.0);   |       |             |
| ( 394864.3, | 3814594.9, | 1046.6, | 1353.8, | 0.0); | ( 394887.4, |
| 3814592.3,  | 1050.3,    | 1353.8, | 0.0);   |       |             |
| ( 394910.5, | 3814589.8, | 1054.3, | 1353.8, | 0.0); | ( 394933.6, |
| 3814587.2,  | 1060.9,    | 1353.8, | 0.0);   |       |             |
| ( 394956.7, | 3814584.6, | 1068.9, | 1353.8, | 0.0); | ( 394979.8, |
| 3814582.1,  | 1077.1,    | 1353.8, | 0.0);   |       |             |
| ( 392832.5, | 3816020.5, | 877.4,  | 1937.2, | 0.0); | ( 392831.7, |
| 3816043.9,  | 878.7,     | 1439.5, | 0.0);   |       |             |
| ( 392830.9, | 3816067.4, | 880.0,  | 1439.5, | 0.0); | ( 392830.1, |
| 3816090.9,  | 881.3,     | 1439.5, | 0.0);   |       |             |
| ( 392829.3, | 3816114.3, | 882.6,  | 1439.5, | 0.0); | ( 392828.5, |
| 3816137.8,  | 883.8,     | 1439.5, | 0.0);   |       |             |
| ( 392827.7, | 3816161.3, | 885.1,  | 1439.5, | 0.0); | ( 392827.0, |
| 3816184.8,  | 886.7,     | 1439.5, | 0.0);   |       |             |
| ( 392826.2, | 3816208.2, | 888.1,  | 1439.5, | 0.0); | ( 392825.4, |
| 3816231.7,  | 889.1,     | 1439.5, | 0.0);   |       |             |
| ( 392824.6, | 3816255.2, | 890.1,  | 1439.5, | 0.0); | ( 392823.8, |
| 3816278.7,  | 891.2,     | 1439.5, | 0.0);   |       |             |
| ( 392823.0, | 3816302.1, | 892.4,  | 1439.5, | 0.0); | ( 392593.9, |
| 3815991.8,  | 878.3,     | 1937.2, | 0.0);   |       |             |
| ( 392605.2, | 3815971.6, | 876.9,  | 1937.2, | 0.0); | ( 392616.5, |
| 3815951.3,  | 875.6,     | 1937.2, | 0.0);   |       |             |
| ( 392627.8, | 3815931.0, | 874.3,  | 1937.2, | 0.0); | ( 392639.1, |
| 3815910.8,  | 873.0,     | 1937.2, | 0.0);   |       |             |
| ( 392650.5, | 3815890.5, | 871.9,  | 1955.9, | 0.0); | ( 392661.8, |
| 3815870.2,  | 870.5,     | 1980.1, | 0.0);   |       |             |
| ( 392673.1, | 3815850.0, | 869.2,  | 1980.1, | 0.0); | ( 392684.4, |
| 3815829.7,  | 868.4,     | 1980.1, | 0.0);   |       |             |
| ( 392695.7, | 3815809.4, | 867.9,  | 1980.1, | 0.0); | ( 392707.0, |
| 3815789.2,  | 867.4,     | 1980.1, | 0.0);   |       |             |
| ( 392718.3, | 3815768.9, | 866.9,  | 1980.1, | 0.0); | ( 392729.6, |
| 3815748.6,  | 866.7,     | 1981.6, | 0.0);   |       |             |
| ( 392741.0, | 3815728.4, | 866.3,  | 1988.2, | 0.0); | ( 392752.3, |
| 3815708.1,  | 865.7,     | 1989.7, | 0.0);   |       |             |
| ( 392763.6, | 3815687.8, | 865.0,  | 1989.7, | 0.0); | ( 392774.9, |
| 3815667.6,  | 864.4,     | 1989.7, | 0.0);   |       |             |
| ( 392786.2, | 3815647.3, | 863.5,  | 1989.7, | 0.0); | ( 392797.5, |
| 3815627.1,  | 862.7,     | 1989.7, | 0.0);   |       |             |
| ( 392808.8, | 3815606.8, | 862.7,  | 1989.7, | 0.0); | ( 392820.1, |
| 3815586.5,  | 862.8,     | 1989.7, | 0.0);   |       |             |
| ( 392831.4, | 3815566.3, | 862.0,  | 1989.7, | 0.0); | ( 392842.8, |
| 3815546.0,  | 861.0,     | 1989.7, | 0.0);   |       |             |
| ( 392854.1, | 3815525.7, | 860.4,  | 1989.7, | 0.0); | ( 392865.4, |
| 3815505.5,  | 860.1,     | 1989.7, | 0.0);   |       |             |
| ( 392876.7, | 3815485.2, | 860.0,  | 1989.7, | 0.0); | ( 392888.0, |
| 3815464.9,  | 859.7,     | 1989.7, | 0.0);   |       |             |
| ( 392899.3, | 3815444.7, | 859.4,  | 1989.7, | 0.0); | ( 392910.6, |

```

3815424.4, 859.1, 1989.7, 0.0);
 (392921.9, 3815404.1, 859.1, 1989.7, 0.0); (392933.2,
3815383.9, 859.8, 1989.7, 0.0);
 (392944.6, 3815363.6, 860.9, 1989.7, 0.0); (392955.9,
3815343.3, 861.4, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 286

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (392967.2, 3815323.1, 861.4, 1989.7, 0.0); (392978.5,
3815302.8, 861.0, 1989.7, 0.0);
 (392989.8, 3815282.5, 861.1, 1989.7, 0.0); (393001.1,
3815262.3, 861.4, 1989.7, 0.0);
 (393012.4, 3815242.0, 861.8, 1989.7, 0.0); (393023.7,
3815221.8, 862.0, 1989.7, 0.0);
 (393035.0, 3815201.5, 862.1, 1989.7, 0.0); (393046.4,
3815181.2, 861.8, 1989.7, 0.0);
 (393057.7, 3815160.9, 861.9, 1989.7, 0.0); (393069.0,
3815140.7, 862.1, 1989.7, 0.0);
 (393080.3, 3815120.4, 862.4, 1989.7, 0.0); (393091.6,
3815100.1, 862.4, 1989.7, 0.0);
 (393102.9, 3815079.9, 862.3, 1989.7, 0.0); (393114.2,
3815059.6, 862.4, 1989.7, 0.0);
 (393125.5, 3815039.4, 862.5, 1989.7, 0.0); (393136.9,
3815019.1, 862.8, 1989.7, 0.0);
 (393148.2, 3814998.8, 862.9, 1989.7, 0.0); (393159.5,
3814978.6, 863.0, 1989.7, 0.0);
 (393170.8, 3814958.3, 863.1, 1989.7, 0.0); (393182.1,
3814938.0, 862.8, 1989.7, 0.0);
 (393193.4, 3814917.8, 862.8, 1989.7, 0.0); (393204.7,
3814897.5, 862.7, 1989.7, 0.0);
 (393216.0, 3814877.2, 863.4, 1989.7, 0.0); (393227.3,
3814857.0, 865.4, 1989.7, 0.0);
 (393238.7, 3814836.7, 866.9, 1989.7, 0.0); (393250.0,
3814816.4, 870.5, 1989.7, 0.0);
 (393261.3, 3814796.2, 874.7, 1989.7, 0.0); (393272.6,
3814775.9, 879.4, 1989.7, 0.0);
 (393283.9, 3814755.6, 881.9, 1989.7, 0.0); (393295.2,
3814735.4, 880.3, 1989.7, 0.0);
 (393306.5, 3814715.1, 879.4, 1989.7, 0.0); (393317.8,
3814694.8, 879.5, 1989.7, 0.0);
 (393329.2, 3814674.6, 876.8, 1989.7, 0.0); (393340.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814654.3,  | 871.5,     | 1989.7, | 0.0);   |       |             |
| ( 393351.8, | 3814634.0, | 867.5,  | 1989.7, | 0.0); | ( 393363.1, |
| 3814613.8,  | 868.1,     | 1989.7, | 0.0);   |       |             |
| ( 393374.4, | 3814593.5, | 869.0,  | 1989.7, | 0.0); | ( 393385.7, |
| 3814573.2,  | 869.3,     | 1989.7, | 0.0);   |       |             |
| ( 393397.0, | 3814553.0, | 869.8,  | 1989.7, | 0.0); | ( 393431.4, |
| 3814530.2,  | 872.9,     | 1989.7, | 0.0);   |       |             |
| ( 393454.5, | 3814527.6, | 874.8,  | 1989.7, | 0.0); | ( 393477.5, |
| 3814525.0,  | 875.1,     | 1989.7, | 0.0);   |       |             |
| ( 393500.6, | 3814522.5, | 875.5,  | 1989.7, | 0.0); | ( 393523.7, |
| 3814519.9,  | 876.5,     | 1989.7, | 0.0);   |       |             |
| ( 393546.7, | 3814517.4, | 878.2,  | 1989.7, | 0.0); | ( 393569.8, |
| 3814514.8,  | 879.7,     | 1989.7, | 0.0);   |       |             |
| ( 393592.9, | 3814512.3, | 882.2,  | 1989.7, | 0.0); | ( 393615.9, |
| 3814509.7,  | 884.3,     | 1989.7, | 0.0);   |       |             |
| ( 393639.0, | 3814507.1, | 886.0,  | 1989.7, | 0.0); | ( 393662.1, |
| 3814504.6,  | 888.1,     | 1989.7, | 0.0);   |       |             |
| ( 393685.1, | 3814502.0, | 889.8,  | 1989.7, | 0.0); | ( 393708.2, |
| 3814499.5,  | 891.8,     | 1989.7, | 0.0);   |       |             |
| ( 393731.3, | 3814496.9, | 892.6,  | 1989.7, | 0.0); | ( 393754.3, |
| 3814494.4,  | 894.4,     | 1989.7, | 0.0);   |       |             |
| ( 393777.4, | 3814491.8, | 896.1,  | 1989.7, | 0.0); | ( 393800.5, |
| 3814489.2,  | 899.0,     | 1989.7, | 0.0);   |       |             |
| ( 393823.5, | 3814486.7, | 901.9,  | 1989.7, | 0.0); | ( 393846.6, |
| 3814484.1,  | 905.4,     | 1989.7, | 0.0);   |       |             |
| ( 393869.7, | 3814481.6, | 907.6,  | 1989.7, | 0.0); | ( 393892.8, |
| 3814479.0,  | 908.5,     | 1989.7, | 0.0);   |       |             |
| ( 393915.8, | 3814476.4, | 909.4,  | 1989.7, | 0.0); | ( 393938.9, |
| 3814473.9,  | 910.2,     | 1989.7, | 0.0);   |       |             |
| ( 393962.0, | 3814471.3, | 911.9,  | 1989.7, | 0.0); | ( 393985.0, |
| 3814468.8,  | 915.2,     | 1989.7, | 0.0);   |       |             |
| ( 394008.1, | 3814466.2, | 918.2,  | 1989.7, | 0.0); | ( 394031.1, |
| 3814463.7,  | 922.1,     | 1989.7, | 0.0);   |       |             |
| ( 394054.2, | 3814461.1, | 927.1,  | 1989.7, | 0.0); | ( 394077.3, |
| 3814458.5,  | 932.3,     | 1989.7, | 0.0);   |       |             |
| ( 394100.4, | 3814456.0, | 937.7,  | 1989.7, | 0.0); | ( 394123.4, |
| 3814453.4,  | 944.1,     | 1989.7, | 0.0);   |       |             |
| ( 394146.5, | 3814450.9, | 951.0,  | 1989.7, | 0.0); | ( 394169.6, |
| 3814448.3,  | 955.9,     | 1989.7, | 0.0);   |       |             |
| ( 394192.6, | 3814445.8, | 954.0,  | 1989.7, | 0.0); | ( 394215.7, |
| 3814443.2,  | 947.3,     | 1989.7, | 0.0);   |       |             |
| ( 394238.8, | 3814440.6, | 942.4,  | 1989.7, | 0.0); | ( 394261.8, |
| 3814438.1,  | 940.1,     | 1989.7, | 0.0);   |       |             |
| ( 394284.9, | 3814435.5, | 939.6,  | 1989.7, | 0.0); | ( 394308.0, |
| 3814433.0,  | 940.9,     | 1989.7, | 0.0);   |       |             |
| ( 394331.0, | 3814430.4, | 944.4,  | 1989.7, | 0.0); | ( 394354.1, |
| 3814427.8,  | 948.9,     | 1989.7, | 0.0);   |       |             |
| ( 394377.2, | 3814425.3, | 953.7,  | 1989.7, | 0.0); | ( 394400.2, |
| 3814422.7,  | 958.5,     | 1989.7, | 0.0);   |       |             |
| ( 394423.3, | 3814420.2, | 963.3,  | 1989.7, | 0.0); | ( 394446.4, |

```

3814417.6, 967.9, 1980.1, 0.0);
 (394469.4, 3814415.1, 969.2, 1980.1, 0.0); (394492.5,
3814412.5, 965.2, 1980.1, 0.0);
 (394515.6, 3814409.9, 966.1, 1980.1, 0.0); (394538.6,
3814407.4, 968.9, 1980.1, 0.0);
 (394561.7, 3814404.8, 971.7, 1980.1, 0.0); (394584.8,
3814402.3, 974.9, 1979.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 287

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394607.8, 3814399.7, 978.3, 1937.2, 0.0); (394630.9,
3814397.2, 981.7, 1937.2, 0.0);
 (394654.0, 3814394.6, 985.8, 1937.2, 0.0); (394677.0,
3814392.0, 991.5, 1353.8, 0.0);
 (394700.1, 3814389.5, 999.8, 1353.8, 0.0); (394723.2,
3814386.9, 1007.9, 1353.8, 0.0);
 (394746.2, 3814384.4, 1016.2, 1353.8, 0.0); (394769.3,
3814381.8, 1024.7, 1353.8, 0.0);
 (394792.4, 3814379.2, 1033.7, 1353.8, 0.0); (394815.4,
3814376.7, 1043.8, 1353.8, 0.0);
 (394838.5, 3814374.1, 1054.3, 1353.8, 0.0); (394861.6,
3814371.6, 1064.8, 1353.8, 0.0);
 (394884.6, 3814369.0, 1075.7, 1353.8, 0.0); (394907.7,
3814366.5, 1086.2, 1353.8, 0.0);
 (394930.8, 3814363.9, 1094.5, 1353.8, 0.0); (394953.8,
3814361.3, 1104.3, 1353.8, 0.0);
 (394976.9, 3814358.8, 1112.7, 1353.8, 0.0); (395000.0,
3814356.2, 1121.1, 1353.8, 0.0);
 (395023.0, 3814353.7, 1130.6, 1353.8, 0.0); (395046.1,
3814351.1, 1140.5, 1353.8, 0.0);
 (395069.2, 3814348.6, 1149.1, 1353.8, 0.0); (392582.6,
3816012.1, 879.9, 1937.2, 0.0);
 (392581.8, 3816035.6, 881.6, 1937.2, 0.0); (392581.0,
3816059.0, 883.3, 1439.5, 0.0);
 (392580.2, 3816082.5, 885.0, 1439.5, 0.0); (392579.4,
3816106.0, 886.7, 1439.5, 0.0);
 (392578.7, 3816129.5, 888.3, 1439.5, 0.0); (392577.9,
3816152.9, 890.0, 1439.5, 0.0);
 (392577.1, 3816176.4, 891.8, 1439.5, 0.0); (392576.3,
3816199.9, 893.5, 1439.5, 0.0);
 (392575.5, 3816223.3, 895.4, 1439.5, 0.0); (392574.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816246.8,  | 897.2,     | 1439.5, | 0.0);   |       |             |
| ( 392573.9, | 3816270.3, | 899.0,  | 1439.5, | 0.0); | ( 392573.2, |
| 3816293.8,  | 900.9,     | 1439.5, | 0.0);   |       |             |
| ( 392094.3, | 3815974.9, | 927.1,  | 1034.8, | 0.0); | ( 392105.7, |
| 3815954.5,  | 922.2,     | 1034.8, | 0.0);   |       |             |
| ( 392117.1, | 3815934.1, | 917.7,  | 1034.8, | 0.0); | ( 392128.5, |
| 3815913.7,  | 913.3,     | 1439.5, | 0.0);   |       |             |
| ( 392139.9, | 3815893.2, | 909.3,  | 1439.5, | 0.0); | ( 392151.3, |
| 3815872.8,  | 905.3,     | 1439.5, | 0.0);   |       |             |
| ( 392162.7, | 3815852.4, | 901.5,  | 1937.2, | 0.0); | ( 392174.1, |
| 3815832.0,  | 897.9,     | 1937.2, | 0.0);   |       |             |
| ( 392185.5, | 3815811.5, | 894.6,  | 1937.2, | 0.0); | ( 392196.9, |
| 3815791.1,  | 891.8,     | 1937.2, | 0.0);   |       |             |
| ( 392208.3, | 3815770.7, | 889.1,  | 1955.9, | 0.0); | ( 392219.7, |
| 3815750.2,  | 886.8,     | 1980.1, | 0.0);   |       |             |
| ( 392231.1, | 3815729.8, | 884.6,  | 1980.1, | 0.0); | ( 392242.5, |
| 3815709.4,  | 882.5,     | 1980.1, | 0.0);   |       |             |
| ( 392253.9, | 3815689.0, | 880.9,  | 1980.1, | 0.0); | ( 392265.3, |
| 3815668.5,  | 878.8,     | 1980.1, | 0.0);   |       |             |
| ( 392276.7, | 3815648.1, | 876.3,  | 1989.7, | 0.0); | ( 392288.1, |
| 3815627.7,  | 873.8,     | 1989.7, | 0.0);   |       |             |
| ( 392299.5, | 3815607.3, | 871.4,  | 1989.7, | 0.0); | ( 392310.9, |
| 3815586.8,  | 869.4,     | 1989.7, | 0.0);   |       |             |
| ( 392322.3, | 3815566.4, | 867.1,  | 1989.7, | 0.0); | ( 392333.7, |
| 3815546.0,  | 865.8,     | 1989.7, | 0.0);   |       |             |
| ( 392345.1, | 3815525.6, | 865.1,  | 1989.7, | 0.0); | ( 392356.5, |
| 3815505.1,  | 863.3,     | 1989.7, | 0.0);   |       |             |
| ( 392367.9, | 3815484.7, | 860.7,  | 1989.7, | 0.0); | ( 392379.3, |
| 3815464.3,  | 858.2,     | 1989.7, | 0.0);   |       |             |
| ( 392390.7, | 3815443.9, | 857.0,  | 1989.7, | 0.0); | ( 392402.1, |
| 3815423.4,  | 855.7,     | 1989.7, | 0.0);   |       |             |
| ( 392413.5, | 3815403.0, | 854.6,  | 1989.7, | 0.0); | ( 392424.9, |
| 3815382.6,  | 854.4,     | 1989.7, | 0.0);   |       |             |
| ( 392436.3, | 3815362.2, | 854.5,  | 1989.7, | 0.0); | ( 392447.7, |
| 3815341.7,  | 854.6,     | 1989.7, | 0.0);   |       |             |
| ( 392459.1, | 3815321.3, | 854.8,  | 1989.7, | 0.0); | ( 392470.5, |
| 3815300.9,  | 854.8,     | 1989.7, | 0.0);   |       |             |
| ( 392481.9, | 3815280.4, | 855.0,  | 1989.7, | 0.0); | ( 392493.3, |
| 3815260.0,  | 854.9,     | 1989.7, | 0.0);   |       |             |
| ( 392504.7, | 3815239.6, | 854.9,  | 1989.7, | 0.0); | ( 392516.1, |
| 3815219.2,  | 855.0,     | 1989.7, | 0.0);   |       |             |
| ( 392527.5, | 3815198.8, | 855.2,  | 1989.7, | 0.0); | ( 392538.9, |
| 3815178.3,  | 855.4,     | 1989.7, | 0.0);   |       |             |
| ( 392550.3, | 3815157.9, | 855.5,  | 1989.7, | 0.0); | ( 392561.7, |
| 3815137.5,  | 855.5,     | 1989.7, | 0.0);   |       |             |
| ( 392573.1, | 3815117.0, | 855.7,  | 1989.7, | 0.0); | ( 392584.5, |
| 3815096.6,  | 855.9,     | 1989.7, | 0.0);   |       |             |
| ( 392595.9, | 3815076.2, | 856.1,  | 1989.7, | 0.0); | ( 392607.3, |
| 3815055.8,  | 856.4,     | 1989.7, | 0.0);   |       |             |
| ( 392618.7, | 3815035.3, | 856.7,  | 1989.7, | 0.0); | ( 392630.1, |

```

3815014.9, 856.9, 1989.7, 0.0);
(392641.5, 3814994.5, 857.0, 1989.7, 0.0); (392652.9,
3814974.1, 856.8, 1989.7, 0.0);
(392664.3, 3814953.6, 856.2, 1989.7, 0.0); (392675.7,
3814933.2, 855.7, 1989.7, 0.0);
(392687.1, 3814912.8, 856.3, 1989.7, 0.0); (392698.5,
3814892.4, 857.0, 1989.7, 0.0);
(392709.9, 3814871.9, 857.7, 1989.7, 0.0); (392721.3,
3814851.5, 859.3, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 288

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392732.8, 3814831.1, 862.0, 1989.7, 0.0); (392744.1,
3814810.6, 864.7, 1989.7, 0.0);
(392755.5, 3814790.2, 865.6, 1989.7, 0.0); (392767.0,
3814769.8, 867.0, 1989.7, 0.0);
(392778.3, 3814749.4, 868.9, 1989.7, 0.0); (392789.8,
3814728.9, 870.0, 1989.7, 0.0);
(392801.1, 3814708.5, 871.5, 1989.7, 0.0); (392812.5,
3814688.1, 873.2, 1989.7, 0.0);
(392824.0, 3814667.7, 874.5, 1989.7, 0.0); (392835.4,
3814647.2, 876.3, 1989.7, 0.0);
(392846.8, 3814626.8, 878.4, 1989.7, 0.0); (392858.2,
3814606.4, 880.6, 1989.7, 0.0);
(392869.6, 3814586.0, 883.0, 1989.7, 0.0); (392881.0,
3814565.5, 885.7, 1989.7, 0.0);
(392892.4, 3814545.1, 887.3, 1989.7, 0.0); (392903.8,
3814524.7, 889.0, 1989.7, 0.0);
(392915.2, 3814504.3, 890.5, 1989.7, 0.0); (392926.6,
3814483.8, 892.1, 1989.7, 0.0);
(392938.0, 3814463.4, 893.5, 1989.7, 0.0); (392949.4,
3814443.0, 897.1, 1989.7, 0.0);
(392960.8, 3814422.5, 900.9, 1989.7, 0.0); (392972.2,
3814402.1, 904.6, 1989.7, 0.0);
(392983.6, 3814381.7, 907.7, 1989.7, 0.0); (392995.0,
3814361.3, 910.4, 1989.7, 0.0);
(393006.4, 3814340.8, 912.9, 1989.7, 0.0); (393017.8,
3814320.4, 915.8, 1989.7, 0.0);
(393029.2, 3814300.0, 918.6, 1989.7, 0.0); (393040.6,
3814279.6, 921.1, 1989.7, 0.0);
(393052.0, 3814259.1, 924.1, 1989.7, 0.0); (393063.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814238.7,  | 928.2,     | 1989.7, | 0.0);   |       |             |
| ( 393074.8, | 3814218.3, | 933.9,  | 1989.7, | 0.0); | ( 393086.2, |
| 3814197.9,  | 943.0,     | 1989.7, | 0.0);   |       |             |
| ( 393097.6, | 3814177.4, | 952.1,  | 1989.7, | 0.0); | ( 393109.0, |
| 3814157.0,  | 960.6,     | 1989.7, | 0.0);   |       |             |
| ( 393120.4, | 3814136.6, | 965.8,  | 1989.7, | 0.0); | ( 393155.0, |
| 3814113.6,  | 984.2,     | 1989.7, | 0.0);   |       |             |
| ( 393178.3, | 3814111.0, | 990.3,  | 1989.7, | 0.0); | ( 393201.5, |
| 3814108.4,  | 989.7,     | 1989.7, | 0.0);   |       |             |
| ( 393224.8, | 3814105.8, | 986.8,  | 1989.7, | 0.0); | ( 393248.0, |
| 3814103.3,  | 985.0,     | 1989.7, | 0.0);   |       |             |
| ( 393271.3, | 3814100.7, | 982.4,  | 1989.7, | 0.0); | ( 393294.5, |
| 3814098.1,  | 976.6,     | 1989.7, | 0.0);   |       |             |
| ( 393317.8, | 3814095.5, | 971.5,  | 1989.7, | 0.0); | ( 393341.0, |
| 3814093.0,  | 967.6,     | 1989.7, | 0.0);   |       |             |
| ( 393364.3, | 3814090.4, | 961.2,  | 1989.7, | 0.0); | ( 393387.5, |
| 3814087.8,  | 953.5,     | 1989.7, | 0.0);   |       |             |
| ( 393410.8, | 3814085.2, | 945.1,  | 1989.7, | 0.0); | ( 393434.0, |
| 3814082.6,  | 936.2,     | 1989.7, | 0.0);   |       |             |
| ( 393457.3, | 3814080.1, | 926.5,  | 1989.7, | 0.0); | ( 393480.5, |
| 3814077.5,  | 916.3,     | 1989.7, | 0.0);   |       |             |
| ( 393503.8, | 3814074.9, | 906.2,  | 1989.7, | 0.0); | ( 393527.0, |
| 3814072.3,  | 895.7,     | 1989.7, | 0.0);   |       |             |
| ( 393550.3, | 3814069.8, | 885.0,  | 1989.7, | 0.0); | ( 393573.5, |
| 3814067.2,  | 877.8,     | 1989.7, | 0.0);   |       |             |
| ( 393596.8, | 3814064.6, | 876.6,  | 1989.7, | 0.0); | ( 393620.0, |
| 3814062.0,  | 876.8,     | 1989.7, | 0.0);   |       |             |
| ( 393643.3, | 3814059.4, | 880.0,  | 1989.7, | 0.0); | ( 393666.5, |
| 3814056.9,  | 884.8,     | 1989.7, | 0.0);   |       |             |
| ( 393689.8, | 3814054.3, | 888.4,  | 1989.7, | 0.0); | ( 393713.0, |
| 3814051.7,  | 890.3,     | 1989.7, | 0.0);   |       |             |
| ( 393736.3, | 3814049.1, | 891.8,  | 1989.7, | 0.0); | ( 393759.5, |
| 3814046.5,  | 893.1,     | 1989.7, | 0.0);   |       |             |
| ( 393782.8, | 3814044.0, | 894.1,  | 1989.7, | 0.0); | ( 393806.0, |
| 3814041.4,  | 895.2,     | 1989.7, | 0.0);   |       |             |
| ( 393829.3, | 3814038.8, | 896.9,  | 1989.7, | 0.0); | ( 393852.5, |
| 3814036.2,  | 899.2,     | 1989.7, | 0.0);   |       |             |
| ( 393875.8, | 3814033.7, | 901.2,  | 1989.7, | 0.0); | ( 393899.0, |
| 3814031.1,  | 903.6,     | 1989.7, | 0.0);   |       |             |
| ( 393922.3, | 3814028.5, | 905.4,  | 1989.7, | 0.0); | ( 393945.5, |
| 3814025.9,  | 906.8,     | 1989.7, | 0.0);   |       |             |
| ( 393968.8, | 3814023.3, | 908.5,  | 1989.7, | 0.0); | ( 393992.0, |
| 3814020.8,  | 909.5,     | 1989.7, | 0.0);   |       |             |
| ( 394015.3, | 3814018.2, | 910.0,  | 1989.7, | 0.0); | ( 394038.5, |
| 3814015.6,  | 910.8,     | 1989.7, | 0.0);   |       |             |
| ( 394061.8, | 3814013.0, | 912.0,  | 1989.7, | 0.0); | ( 394085.0, |
| 3814010.5,  | 914.8,     | 1989.7, | 0.0);   |       |             |
| ( 394108.3, | 3814007.9, | 918.0,  | 1989.7, | 0.0); | ( 394131.5, |
| 3814005.3,  | 921.4,     | 1989.7, | 0.0);   |       |             |
| ( 394154.8, | 3814002.7, | 927.0,  | 1989.7, | 0.0); | ( 394178.0, |

```

3814000.1, 932.5, 1989.7, 0.0);
 (394201.3, 3813997.6, 937.8, 1989.7, 0.0); (394224.5,
3813995.0, 943.5, 1989.7, 0.0);
 (394247.8, 3813992.4, 950.0, 1989.7, 0.0); (394271.1,
3813989.8, 957.2, 1989.7, 0.0);
 (394294.3, 3813987.3, 962.9, 1989.7, 0.0); (394317.6,
3813984.7, 963.7, 1989.7, 0.0);
 (394340.8, 3813982.1, 958.6, 1989.7, 0.0); (394364.1,
3813979.5, 952.5, 1989.7, 0.0);
 (394387.3, 3813976.9, 955.0, 1989.7, 0.0); (394410.6,
3813974.4, 956.7, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 289

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394433.8, 3813971.8, 955.8, 1989.7, 0.0); (394457.1,
3813969.2, 954.4, 1989.7, 0.0);
 (394480.3, 3813966.6, 955.1, 1989.7, 0.0); (394503.6,
3813964.0, 958.8, 1989.7, 0.0);
 (394526.8, 3813961.5, 965.1, 1989.7, 0.0); (394550.1,
3813958.9, 972.2, 1989.7, 0.0);
 (394573.3, 3813956.3, 977.9, 1989.7, 0.0); (394596.6,
3813953.7, 981.9, 1989.7, 0.0);
 (394619.8, 3813951.2, 986.2, 1989.7, 0.0); (394643.1,
3813948.6, 989.1, 1989.7, 0.0);
 (394666.3, 3813946.0, 993.3, 1989.7, 0.0); (394689.6,
3813943.4, 1000.2, 1989.7, 0.0);
 (394712.8, 3813940.8, 1008.4, 1980.1, 0.0); (394736.1,
3813938.3, 1014.5, 1979.8, 0.0);
 (394759.3, 3813935.7, 1017.9, 1937.2, 0.0); (394782.6,
3813933.1, 1020.3, 1937.2, 0.0);
 (394805.8, 3813930.5, 1021.0, 1937.2, 0.0); (394829.1,
3813928.0, 1020.7, 1937.2, 0.0);
 (394852.3, 3813925.4, 1025.8, 1353.8, 0.0); (394875.6,
3813922.8, 1033.7, 1353.8, 0.0);
 (394898.8, 3813920.2, 1039.0, 1353.8, 0.0); (394922.1,
3813917.6, 1038.3, 1353.8, 0.0);
 (394945.3, 3813915.1, 1032.8, 1353.8, 0.0); (394968.6,
3813912.5, 1024.3, 1353.8, 0.0);
 (394991.8, 3813909.9, 1019.7, 1353.8, 0.0); (395015.1,
3813907.3, 1022.4, 1353.8, 0.0);
 (395038.3, 3813904.8, 1027.8, 1353.8, 0.0); (395061.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813902.2,  | 1030.5,    | 1353.8, | 0.0);   |       |             |
| ( 395084.8, | 3813899.6, | 1029.3, | 1353.8, | 0.0); | ( 395108.1, |
| 3813897.0,  | 1026.5,    | 1353.8, | 0.0);   |       |             |
| ( 395131.3, | 3813894.4, | 1026.5, | 1353.8, | 0.0); | ( 395154.6, |
| 3813891.9,  | 1028.5,    | 1353.8, | 0.0);   |       |             |
| ( 395177.8, | 3813889.3, | 1029.7, | 1353.8, | 0.0); | ( 395201.1, |
| 3813886.7,  | 1029.0,    | 1353.8, | 0.0);   |       |             |
| ( 395224.3, | 3813884.1, | 1029.9, | 1353.8, | 0.0); | ( 392082.9, |
| 3815995.4,  | 932.1,     | 1034.8, | 0.0);   |       |             |
| ( 392082.1, | 3816018.8, | 937.9,  | 1034.8, | 0.0); | ( 392081.3, |
| 3816042.3,  | 944.9,     | 1034.8, | 0.0);   |       |             |
| ( 392080.5, | 3816065.8, | 953.0,  | 1034.8, | 0.0); | ( 392079.7, |
| 3816089.3,  | 962.2,     | 1034.8, | 0.0);   |       |             |
| ( 392078.9, | 3816112.7, | 972.9,  | 1034.8, | 0.0); | ( 392078.1, |
| 3816136.2,  | 984.0,     | 1034.8, | 0.0);   |       |             |
| ( 392077.4, | 3816159.7, | 994.1,  | 1032.8, | 0.0); | ( 392076.6, |
| 3816183.1,  | 1001.3,    | 1032.8, | 0.0);   |       |             |
| ( 392075.8, | 3816206.6, | 1003.4, | 1032.8, | 0.0); | ( 392075.0, |
| 3816230.1,  | 1001.3,    | 1032.8, | 0.0);   |       |             |
| ( 392074.2, | 3816253.6, | 1002.1, | 1032.8, | 0.0); | ( 392073.4, |
| 3816277.0,  | 1005.5,    | 1032.8, | 0.0);   |       |             |
| ( 391594.5, | 3815958.3, | 923.8,  | 1034.8, | 0.0); | ( 391605.9, |
| 3815937.9,  | 923.0,     | 1034.8, | 0.0);   |       |             |
| ( 391617.2, | 3815917.6, | 920.7,  | 1034.8, | 0.0); | ( 391628.6, |
| 3815897.2,  | 917.9,     | 1034.8, | 0.0);   |       |             |
| ( 391639.9, | 3815876.9, | 915.6,  | 1034.8, | 0.0); | ( 391651.3, |
| 3815856.5,  | 913.9,     | 1034.8, | 0.0);   |       |             |
| ( 391662.6, | 3815836.2, | 912.8,  | 1034.8, | 0.0); | ( 391674.0, |
| 3815815.8,  | 912.6,     | 1937.2, | 0.0);   |       |             |
| ( 391685.4, | 3815795.5, | 914.1,  | 1937.2, | 0.0); | ( 391696.7, |
| 3815775.1,  | 916.7,     | 1937.2, | 0.0);   |       |             |
| ( 391708.1, | 3815754.8, | 921.5,  | 1034.8, | 0.0); | ( 391719.4, |
| 3815734.5,  | 924.4,     | 1034.8, | 0.0);   |       |             |
| ( 391730.8, | 3815714.1, | 925.8,  | 1034.8, | 0.0); | ( 391742.2, |
| 3815693.8,  | 925.0,     | 1034.8, | 0.0);   |       |             |
| ( 391753.5, | 3815673.4, | 923.9,  | 1937.2, | 0.0); | ( 391764.9, |
| 3815653.1,  | 922.4,     | 1937.2, | 0.0);   |       |             |
| ( 391776.2, | 3815632.7, | 921.0,  | 1937.2, | 0.0); | ( 391787.6, |
| 3815612.4,  | 920.3,     | 1937.2, | 0.0);   |       |             |
| ( 391799.0, | 3815592.0, | 920.6,  | 1937.2, | 0.0); | ( 391810.3, |
| 3815571.7,  | 921.5,     | 1937.2, | 0.0);   |       |             |
| ( 391821.7, | 3815551.3, | 920.6,  | 1937.2, | 0.0); | ( 391833.0, |
| 3815531.0,  | 919.0,     | 1937.2, | 0.0);   |       |             |
| ( 391844.4, | 3815510.6, | 916.5,  | 1955.9, | 0.0); | ( 391855.7, |
| 3815490.3,  | 915.3,     | 1979.8, | 0.0);   |       |             |
| ( 391867.1, | 3815469.9, | 917.0,  | 1979.8, | 0.0); | ( 391878.5, |
| 3815449.6,  | 917.4,     | 1980.1, | 0.0);   |       |             |
| ( 391889.8, | 3815429.2, | 917.1,  | 1980.1, | 0.0); | ( 391901.2, |
| 3815408.9,  | 917.2,     | 1980.1, | 0.0);   |       |             |
| ( 391912.5, | 3815388.5, | 913.8,  | 1980.1, | 0.0); | ( 391923.9, |

```

3815368.2, 909.0, 1981.6, 0.0);
 (391935.2, 3815347.8, 903.2, 1989.7, 0.0); (391946.6,
3815327.5, 898.4, 1989.7, 0.0);
 (391958.0, 3815307.1, 895.1, 1989.7, 0.0); (391969.3,
3815286.8, 894.4, 1989.7, 0.0);
 (391980.7, 3815266.4, 894.2, 1989.7, 0.0); (391992.0,
3815246.1, 893.2, 1989.7, 0.0);
 (392003.4, 3815225.7, 892.9, 1989.7, 0.0); (392014.8,
3815205.4, 889.6, 1989.7, 0.0);
 (392026.1, 3815185.0, 885.2, 1989.7, 0.0); (392037.5,
3815164.7, 877.7, 1989.7, 0.0);
 (392048.8, 3815144.3, 871.4, 1989.7, 0.0); (392060.2,
3815124.0, 865.4, 1989.7, 0.0);
▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 290

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (392071.5, 3815103.6, 861.6, 1989.7, 0.0); (392082.9,
3815083.3, 856.9, 1989.7, 0.0);
 (392094.3, 3815062.9, 851.7, 1989.7, 0.0); (392105.6,
3815042.6, 849.9, 1989.7, 0.0);
 (392117.0, 3815022.3, 849.9, 1989.7, 0.0); (392128.3,
3815001.9, 850.3, 1989.7, 0.0);
 (392139.7, 3814981.6, 850.5, 1989.7, 0.0); (392151.0,
3814961.2, 850.8, 1989.7, 0.0);
 (392162.4, 3814940.9, 851.0, 1989.7, 0.0); (392173.8,
3814920.5, 850.9, 1989.7, 0.0);
 (392185.1, 3814900.2, 850.9, 1989.7, 0.0); (392196.5,
3814879.8, 850.9, 1989.7, 0.0);
 (392207.8, 3814859.5, 851.0, 1989.7, 0.0); (392219.2,
3814839.1, 851.0, 1989.7, 0.0);
 (392230.6, 3814818.8, 851.1, 1989.7, 0.0); (392241.9,
3814798.4, 850.9, 1989.7, 0.0);
 (392253.3, 3814778.1, 851.0, 1989.7, 0.0); (392264.6,
3814757.7, 851.3, 1989.7, 0.0);
 (392276.0, 3814737.4, 851.4, 1989.7, 0.0); (392287.3,
3814717.0, 851.1, 1989.7, 0.0);
 (392298.7, 3814696.7, 850.6, 1989.7, 0.0); (392310.1,
3814676.3, 850.7, 1989.7, 0.0);
 (392321.4, 3814656.0, 852.3, 1989.7, 0.0); (392332.8,
3814635.6, 857.2, 1989.7, 0.0);
 (392344.1, 3814615.3, 859.8, 1989.7, 0.0); (392355.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814594.9,  | 860.7,     | 1989.7, | 0.0);   |       |             |
| ( 392366.8, | 3814574.6, | 861.6,  | 1989.7, | 0.0); | ( 392378.2, |
| 3814554.2,  | 862.8,     | 1989.7, | 0.0);   |       |             |
| ( 392389.6, | 3814533.9, | 863.9,  | 1989.7, | 0.0); | ( 392400.9, |
| 3814513.5,  | 864.9,     | 1989.7, | 0.0);   |       |             |
| ( 392412.3, | 3814493.2, | 865.7,  | 1989.7, | 0.0); | ( 392423.6, |
| 3814472.8,  | 866.3,     | 1989.7, | 0.0);   |       |             |
| ( 392435.0, | 3814452.5, | 867.6,  | 1989.7, | 0.0); | ( 392446.4, |
| 3814432.1,  | 868.8,     | 1989.7, | 0.0);   |       |             |
| ( 392457.7, | 3814411.8, | 869.8,  | 1989.7, | 0.0); | ( 392469.1, |
| 3814391.4,  | 871.0,     | 1989.7, | 0.0);   |       |             |
| ( 392480.4, | 3814371.1, | 872.4,  | 1989.7, | 0.0); | ( 392491.8, |
| 3814350.8,  | 873.9,     | 1989.7, | 0.0);   |       |             |
| ( 392503.1, | 3814330.4, | 875.4,  | 1989.7, | 0.0); | ( 392514.5, |
| 3814310.1,  | 876.6,     | 1989.7, | 0.0);   |       |             |
| ( 392525.9, | 3814289.7, | 877.9,  | 1989.7, | 0.0); | ( 392537.2, |
| 3814269.4,  | 879.4,     | 1989.7, | 0.0);   |       |             |
| ( 392548.6, | 3814249.0, | 880.7,  | 1989.7, | 0.0); | ( 392559.9, |
| 3814228.7,  | 882.1,     | 1989.7, | 0.0);   |       |             |
| ( 392571.3, | 3814208.3, | 883.6,  | 1989.7, | 0.0); | ( 392582.7, |
| 3814188.0,  | 885.1,     | 1989.7, | 0.0);   |       |             |
| ( 392594.0, | 3814167.6, | 886.8,  | 1989.7, | 0.0); | ( 392605.4, |
| 3814147.3,  | 888.6,     | 1989.7, | 0.0);   |       |             |
| ( 392616.7, | 3814126.9, | 889.9,  | 1989.7, | 0.0); | ( 392628.1, |
| 3814106.6,  | 891.1,     | 1989.7, | 0.0);   |       |             |
| ( 392639.5, | 3814086.2, | 893.0,  | 1989.7, | 0.0); | ( 392650.8, |
| 3814065.9,  | 894.9,     | 1989.7, | 0.0);   |       |             |
| ( 392662.2, | 3814045.5, | 896.7,  | 1989.7, | 0.0); | ( 392673.5, |
| 3814025.2,  | 898.5,     | 1989.7, | 0.0);   |       |             |
| ( 392684.9, | 3814004.8, | 900.5,  | 1989.7, | 0.0); | ( 392696.2, |
| 3813984.5,  | 902.7,     | 1989.7, | 0.0);   |       |             |
| ( 392707.6, | 3813964.1, | 904.9,  | 1989.7, | 0.0); | ( 392719.0, |
| 3813943.8,  | 907.2,     | 1989.7, | 0.0);   |       |             |
| ( 392730.3, | 3813923.4, | 909.7,  | 1989.7, | 0.0); | ( 392741.7, |
| 3813903.1,  | 911.9,     | 1989.7, | 0.0);   |       |             |
| ( 392753.0, | 3813882.7, | 914.7,  | 1989.7, | 0.0); | ( 392764.4, |
| 3813862.4,  | 918.2,     | 1989.7, | 0.0);   |       |             |
| ( 392775.7, | 3813842.0, | 923.0,  | 1989.7, | 0.0); | ( 392787.1, |
| 3813821.7,  | 927.0,     | 1989.7, | 0.0);   |       |             |
| ( 392798.5, | 3813801.3, | 929.2,  | 1989.7, | 0.0); | ( 392809.8, |
| 3813781.0,  | 929.2,     | 1989.7, | 0.0);   |       |             |
| ( 392821.2, | 3813760.6, | 929.5,  | 1989.7, | 0.0); | ( 392832.5, |
| 3813740.3,  | 932.0,     | 1989.7, | 0.0);   |       |             |
| ( 392843.9, | 3813719.9, | 935.3,  | 1989.7, | 0.0); | ( 392878.4, |
| 3813697.0,  | 940.3,     | 1989.7, | 0.0);   |       |             |
| ( 392901.6, | 3813694.5, | 940.1,  | 1989.7, | 0.0); | ( 392924.7, |
| 3813691.9,  | 938.4,     | 1989.7, | 0.0);   |       |             |
| ( 392947.9, | 3813689.3, | 938.2,  | 1989.7, | 0.0); | ( 392971.1, |
| 3813686.8,  | 940.5,     | 1989.7, | 0.0);   |       |             |
| ( 392994.2, | 3813684.2, | 943.8,  | 1989.7, | 0.0); | ( 393017.4, |

```

3813681.6, 946.8, 1989.7, 0.0);
 (393040.5, 3813679.0, 948.7, 1989.7, 0.0); (393063.7,
3813676.5, 949.8, 1989.7, 0.0);
 (393086.9, 3813673.9, 952.2, 1989.7, 0.0); (393110.0,
3813671.3, 954.8, 1989.7, 0.0);
 (393133.2, 3813668.8, 958.7, 1989.7, 0.0); (393156.3,
3813666.2, 962.5, 1989.7, 0.0);
 (393179.5, 3813663.6, 964.2, 1989.7, 0.0); (393202.7,
3813661.1, 964.0, 1989.7, 0.0);
 (393225.8, 3813658.5, 961.7, 1989.7, 0.0); (393249.0,
3813655.9, 956.8, 1989.7, 0.0);
 (393272.2, 3813653.4, 950.3, 1989.7, 0.0); (393295.3,
3813650.8, 944.0, 1989.7, 0.0);
 (393318.5, 3813648.2, 939.0, 1989.7, 0.0); (393341.6,
3813645.7, 936.0, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 291

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (393364.8, 3813643.1, 932.8, 1989.7, 0.0); (393388.0,
3813640.5, 930.5, 1989.7, 0.0);
 (393411.1, 3813638.0, 930.5, 1989.7, 0.0); (393434.3,
3813635.4, 930.3, 1989.7, 0.0);
 (393457.5, 3813632.8, 928.7, 1989.7, 0.0); (393480.6,
3813630.3, 925.2, 1989.7, 0.0);
 (393503.8, 3813627.7, 920.4, 1989.7, 0.0); (393526.9,
3813625.1, 915.2, 1989.7, 0.0);
 (393550.1, 3813622.5, 910.5, 1989.7, 0.0); (393573.3,
3813620.0, 906.9, 1989.7, 0.0);
 (393596.4, 3813617.4, 904.3, 1989.7, 0.0); (393619.6,
3813614.8, 902.8, 1989.7, 0.0);
 (393642.8, 3813612.3, 897.8, 1989.7, 0.0); (393665.9,
3813609.7, 891.7, 1989.7, 0.0);
 (393689.1, 3813607.1, 886.6, 1989.7, 0.0); (393712.2,
3813604.6, 885.1, 1989.7, 0.0);
 (393735.4, 3813602.0, 885.5, 1989.7, 0.0); (393758.6,
3813599.4, 886.3, 1989.7, 0.0);
 (393781.7, 3813596.9, 887.0, 1989.7, 0.0); (393804.9,
3813594.3, 887.7, 1989.7, 0.0);
 (393828.0, 3813591.7, 889.5, 1989.7, 0.0); (393851.2,
3813589.2, 892.6, 1989.7, 0.0);
 (393874.4, 3813586.6, 895.3, 1989.7, 0.0); (393897.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813584.0,  | 899.3,     | 1989.7, | 0.0);   |       |             |
| ( 393920.7, | 3813581.5, | 904.3,  | 1989.7, | 0.0); | ( 393943.9, |
| 3813578.9,  | 907.3,     | 1989.7, | 0.0);   |       |             |
| ( 393967.0, | 3813576.3, | 911.8,  | 1989.7, | 0.0); | ( 393990.2, |
| 3813573.8,  | 917.5,     | 1989.7, | 0.0);   |       |             |
| ( 394013.3, | 3813571.2, | 923.5,  | 1989.7, | 0.0); | ( 394036.5, |
| 3813568.6,  | 929.5,     | 1989.7, | 0.0);   |       |             |
| ( 394059.7, | 3813566.0, | 933.9,  | 1989.7, | 0.0); | ( 394082.8, |
| 3813563.5,  | 935.5,     | 1989.7, | 0.0);   |       |             |
| ( 394106.0, | 3813560.9, | 935.8,  | 1989.7, | 0.0); | ( 394129.1, |
| 3813558.3,  | 938.7,     | 1989.7, | 0.0);   |       |             |
| ( 394152.3, | 3813555.8, | 938.1,  | 1989.7, | 0.0); | ( 394175.5, |
| 3813553.2,  | 936.5,     | 1989.7, | 0.0);   |       |             |
| ( 394198.6, | 3813550.6, | 940.2,  | 1989.7, | 0.0); | ( 394221.8, |
| 3813548.1,  | 944.8,     | 1989.7, | 0.0);   |       |             |
| ( 394245.0, | 3813545.5, | 948.9,  | 1989.7, | 0.0); | ( 394268.1, |
| 3813542.9,  | 953.7,     | 1989.7, | 0.0);   |       |             |
| ( 394291.3, | 3813540.4, | 959.9,  | 1989.7, | 0.0); | ( 394314.5, |
| 3813537.8,  | 966.7,     | 1989.7, | 0.0);   |       |             |
| ( 394337.6, | 3813535.2, | 973.7,  | 1989.7, | 0.0); | ( 394360.8, |
| 3813532.7,  | 980.0,     | 1989.7, | 0.0);   |       |             |
| ( 394383.9, | 3813530.1, | 984.8,  | 1989.7, | 0.0); | ( 394407.1, |
| 3813527.5,  | 987.9,     | 1989.7, | 0.0);   |       |             |
| ( 394430.3, | 3813524.9, | 988.8,  | 1989.7, | 0.0); | ( 394453.4, |
| 3813522.4,  | 986.3,     | 1989.7, | 0.0);   |       |             |
| ( 394476.6, | 3813519.8, | 981.3,  | 1989.7, | 0.0); | ( 394499.7, |
| 3813517.2,  | 974.5,     | 1989.7, | 0.0);   |       |             |
| ( 394522.9, | 3813514.7, | 967.4,  | 1989.7, | 0.0); | ( 394546.1, |
| 3813512.1,  | 961.5,     | 1989.7, | 0.0);   |       |             |
| ( 394569.2, | 3813509.5, | 958.0,  | 1989.7, | 0.0); | ( 394592.4, |
| 3813507.0,  | 957.7,     | 1989.7, | 0.0);   |       |             |
| ( 394615.5, | 3813504.4, | 959.8,  | 1989.7, | 0.0); | ( 394638.7, |
| 3813501.8,  | 961.5,     | 1989.7, | 0.0);   |       |             |
| ( 394661.9, | 3813499.3, | 963.0,  | 1989.7, | 0.0); | ( 394685.0, |
| 3813496.7,  | 964.4,     | 1989.7, | 0.0);   |       |             |
| ( 394708.2, | 3813494.1, | 967.2,  | 1989.7, | 0.0); | ( 394731.4, |
| 3813491.6,  | 970.5,     | 1989.7, | 0.0);   |       |             |
| ( 394754.5, | 3813489.0, | 972.9,  | 1989.7, | 0.0); | ( 394777.7, |
| 3813486.4,  | 974.3,     | 1989.7, | 0.0);   |       |             |
| ( 394800.8, | 3813483.9, | 975.0,  | 1989.7, | 0.0); | ( 394824.0, |
| 3813481.3,  | 975.3,     | 1989.7, | 0.0);   |       |             |
| ( 394847.2, | 3813478.7, | 976.0,  | 1989.7, | 0.0); | ( 394870.3, |
| 3813476.2,  | 978.4,     | 1989.7, | 0.0);   |       |             |
| ( 394893.5, | 3813473.6, | 981.4,  | 1989.7, | 0.0); | ( 394916.7, |
| 3813471.0,  | 984.1,     | 1989.7, | 0.0);   |       |             |
| ( 394939.8, | 3813468.4, | 988.6,  | 1989.7, | 0.0); | ( 394963.0, |
| 3813465.9,  | 994.3,     | 1989.7, | 0.0);   |       |             |
| ( 394986.1, | 3813463.3, | 1001.7, | 1989.7, | 0.0); | ( 395009.3, |
| 3813460.8,  | 1009.4,    | 1989.7, | 0.0);   |       |             |
| ( 395032.5, | 3813458.2, | 1014.6, | 1989.7, | 0.0); | ( 395055.6, |

```

3813455.6, 1016.7, 1989.7, 0.0);
 (395078.8, 3813453.0, 1016.9, 1989.7, 0.0); (391583.1,
3815978.6, 924.9, 1034.8, 0.0);
 (391582.4, 3816002.1, 928.7, 1034.8, 0.0); (391581.6,
3816025.6, 932.0, 1034.8, 0.0);
 (391580.8, 3816049.1, 935.2, 1034.8, 0.0); (391580.0,
3816072.5, 938.0, 1034.8, 0.0);
 (391579.2, 3816096.0, 940.4, 1034.8, 0.0); (391578.4,
3816119.5, 942.6, 1034.8, 0.0);
 (391577.6, 3816142.9, 945.0, 1034.8, 0.0); (391576.9,
3816166.4, 948.0, 1034.8, 0.0);
 (391576.1, 3816189.9, 951.0, 1034.8, 0.0); (391575.3,
3816213.4, 953.7, 1034.8, 0.0);
 (391574.5, 3816236.8, 957.4, 1034.8, 0.0); (391573.7,
3816260.3, 962.0, 1034.8, 0.0);
 (391094.8, 3815941.5, 866.9, 1980.1, 0.0); (391106.2,
3815921.0, 866.8, 1980.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 292

\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (391117.7, 3815900.6, 867.1, 1980.1, 0.0); (391129.1,
3815880.1, 866.7, 1980.1, 0.0);
 (391140.5, 3815859.7, 865.6, 1980.1, 0.0); (391151.9,
3815839.2, 864.9, 1980.1, 0.0);
 (391163.3, 3815818.8, 864.4, 1980.1, 0.0); (391174.7,
3815798.3, 864.1, 1983.1, 0.0);
 (391186.1, 3815777.9, 863.9, 1988.2, 0.0); (391197.6,
3815757.4, 863.9, 1989.7, 0.0);
 (391209.0, 3815737.0, 864.3, 1989.7, 0.0); (391220.4,
3815716.5, 864.8, 1989.7, 0.0);
 (391231.8, 3815696.1, 865.4, 1989.7, 0.0); (391243.2,
3815675.6, 865.8, 1989.7, 0.0);
 (391254.6, 3815655.2, 865.7, 1989.7, 0.0); (391266.1,
3815634.7, 865.3, 1989.7, 0.0);
 (391277.5, 3815614.3, 864.8, 1989.7, 0.0); (391288.9,
3815593.8, 864.6, 1989.7, 0.0);
 (391300.3, 3815573.4, 865.0, 1989.7, 0.0); (391311.7,
3815552.9, 865.0, 1989.7, 0.0);
 (391323.1, 3815532.5, 864.4, 1989.7, 0.0); (391334.5,
3815512.0, 863.4, 1989.7, 0.0);
 (391346.0, 3815491.6, 862.4, 1989.7, 0.0); (391357.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815471.1,  | 861.6,     | 1989.7, | 0.0);   |       |             |
| ( 391368.8, | 3815450.7, | 860.8,  | 1989.7, | 0.0); | ( 391380.2, |
| 3815430.2,  | 859.9,     | 1989.7, | 0.0);   |       |             |
| ( 391391.6, | 3815409.8, | 858.8,  | 1989.7, | 0.0); | ( 391403.0, |
| 3815389.3,  | 857.9,     | 1989.7, | 0.0);   |       |             |
| ( 391414.4, | 3815368.9, | 857.3,  | 1989.7, | 0.0); | ( 391425.9, |
| 3815348.4,  | 856.9,     | 1989.7, | 0.0);   |       |             |
| ( 391437.3, | 3815328.0, | 856.2,  | 1989.7, | 0.0); | ( 391448.7, |
| 3815307.5,  | 855.3,     | 1989.7, | 0.0);   |       |             |
| ( 391460.1, | 3815287.1, | 854.3,  | 1989.7, | 0.0); | ( 391471.5, |
| 3815266.6,  | 853.5,     | 1989.7, | 0.0);   |       |             |
| ( 391482.9, | 3815246.2, | 853.1,  | 1989.7, | 0.0); | ( 391494.3, |
| 3815225.7,  | 852.4,     | 1989.7, | 0.0);   |       |             |
| ( 391505.8, | 3815205.3, | 852.0,  | 1989.7, | 0.0); | ( 391517.2, |
| 3815184.8,  | 851.7,     | 1989.7, | 0.0);   |       |             |
| ( 391528.6, | 3815164.4, | 851.1,  | 1989.7, | 0.0); | ( 391540.0, |
| 3815143.9,  | 850.7,     | 1989.7, | 0.0);   |       |             |
| ( 391551.4, | 3815123.5, | 850.2,  | 1989.7, | 0.0); | ( 391562.8, |
| 3815103.0,  | 849.5,     | 1989.7, | 0.0);   |       |             |
| ( 391574.2, | 3815082.6, | 847.1,  | 1989.7, | 0.0); | ( 391585.7, |
| 3815062.1,  | 845.1,     | 1989.7, | 0.0);   |       |             |
| ( 391597.1, | 3815041.7, | 843.9,  | 1989.7, | 0.0); | ( 391608.5, |
| 3815021.2,  | 844.0,     | 1989.7, | 0.0);   |       |             |
| ( 391619.9, | 3815000.8, | 844.0,  | 1989.7, | 0.0); | ( 391631.3, |
| 3814980.3,  | 843.9,     | 1989.7, | 0.0);   |       |             |
| ( 391642.7, | 3814959.9, | 844.1,  | 1989.7, | 0.0); | ( 391654.1, |
| 3814939.4,  | 844.3,     | 1989.7, | 0.0);   |       |             |
| ( 391665.6, | 3814919.0, | 844.4,  | 1989.7, | 0.0); | ( 391677.0, |
| 3814898.5,  | 844.5,     | 1989.7, | 0.0);   |       |             |
| ( 391688.4, | 3814878.1, | 844.5,  | 1989.7, | 0.0); | ( 391699.8, |
| 3814857.6,  | 844.4,     | 1989.7, | 0.0);   |       |             |
| ( 391711.2, | 3814837.2, | 844.5,  | 1989.7, | 0.0); | ( 391722.6, |
| 3814816.7,  | 844.6,     | 1989.7, | 0.0);   |       |             |
| ( 391734.0, | 3814796.3, | 844.8,  | 1989.7, | 0.0); | ( 391745.5, |
| 3814775.8,  | 844.7,     | 1989.7, | 0.0);   |       |             |
| ( 391756.9, | 3814755.4, | 844.6,  | 1989.7, | 0.0); | ( 391768.3, |
| 3814734.9,  | 844.6,     | 1989.7, | 0.0);   |       |             |
| ( 391779.7, | 3814714.5, | 844.8,  | 1989.7, | 0.0); | ( 391791.1, |
| 3814694.0,  | 844.9,     | 1989.7, | 0.0);   |       |             |
| ( 391802.5, | 3814673.6, | 845.0,  | 1989.7, | 0.0); | ( 391813.9, |
| 3814653.1,  | 845.1,     | 1989.7, | 0.0);   |       |             |
| ( 391825.4, | 3814632.7, | 845.2,  | 1989.7, | 0.0); | ( 391836.8, |
| 3814612.2,  | 845.2,     | 1989.7, | 0.0);   |       |             |
| ( 391848.2, | 3814591.8, | 845.2,  | 1989.7, | 0.0); | ( 391859.6, |
| 3814571.3,  | 845.1,     | 1989.7, | 0.0);   |       |             |
| ( 391871.0, | 3814550.9, | 844.8,  | 1989.7, | 0.0); | ( 391882.4, |
| 3814530.4,  | 844.7,     | 1989.7, | 0.0);   |       |             |
| ( 391893.8, | 3814510.0, | 845.0,  | 1989.7, | 0.0); | ( 391905.3, |
| 3814489.5,  | 846.7,     | 1989.7, | 0.0);   |       |             |
| ( 391916.7, | 3814469.1, | 850.6,  | 1989.7, | 0.0); | ( 391928.1, |

```

3814448.6, 854.6, 1989.7, 0.0);
(391939.5, 3814428.2, 855.2, 1989.7, 0.0); (391950.9,
3814407.8, 855.2, 1989.7, 0.0);
(391962.3, 3814387.3, 855.0, 1989.7, 0.0); (391973.8,
3814366.9, 855.0, 1989.7, 0.0);
(391985.2, 3814346.4, 855.3, 1989.7, 0.0); (391996.6,
3814326.0, 855.8, 1989.7, 0.0);
(392008.0, 3814305.5, 856.6, 1989.7, 0.0); (392019.4,
3814285.1, 857.6, 1989.7, 0.0);
(392030.8, 3814264.6, 858.6, 1989.7, 0.0); (392042.2,
3814244.2, 859.9, 1989.7, 0.0);
(392053.6, 3814223.7, 861.4, 1989.7, 0.0); (392065.1,
3814203.3, 862.9, 1989.7, 0.0);
(392076.5, 3814182.8, 864.6, 1989.7, 0.0); (392087.9,
3814162.4, 866.3, 1989.7, 0.0);
(392099.3, 3814141.9, 868.1, 1989.7, 0.0); (392110.7,
3814121.5, 870.1, 1989.7, 0.0);
(392122.1, 3814101.0, 872.5, 1989.7, 0.0); (392133.5,
3814080.6, 875.3, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 293

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392145.0, 3814060.1, 877.6, 1989.7, 0.0); (392156.4,
3814039.7, 880.4, 1989.7, 0.0);
(392167.8, 3814019.2, 883.2, 1989.7, 0.0); (392179.2,
3813998.8, 886.1, 1989.7, 0.0);
(392190.6, 3813978.3, 889.3, 1989.7, 0.0); (392202.0,
3813957.9, 892.2, 1989.7, 0.0);
(392213.5, 3813937.4, 893.8, 1989.7, 0.0); (392224.9,
3813917.0, 896.4, 1989.7, 0.0);
(392236.3, 3813896.5, 901.5, 1989.7, 0.0); (392247.7,
3813876.1, 910.3, 1989.7, 0.0);
(392259.1, 3813855.6, 921.0, 1989.7, 0.0); (392270.5,
3813835.2, 932.5, 1989.7, 0.0);
(392281.9, 3813814.7, 940.3, 1989.7, 0.0); (392293.3,
3813794.3, 948.5, 1989.7, 0.0);
(392304.8, 3813773.8, 952.4, 1989.7, 0.0); (392316.2,
3813753.4, 957.8, 1989.7, 0.0);
(392327.6, 3813732.9, 962.6, 1989.7, 0.0); (392339.0,
3813712.5, 967.9, 1989.7, 0.0);
(392350.4, 3813692.0, 972.2, 1989.7, 0.0); (392361.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813671.6,  | 974.5,     | 1989.7, | 0.0);   |       |             |
| ( 392373.2, | 3813651.1, | 974.6,  | 1989.7, | 0.0); | ( 392384.7, |
| 3813630.7,  | 972.8,     | 1989.7, | 0.0);   |       |             |
| ( 392396.1, | 3813610.2, | 969.7,  | 1989.7, | 0.0); | ( 392407.5, |
| 3813589.8,  | 967.5,     | 1989.7, | 0.0);   |       |             |
| ( 392418.9, | 3813569.3, | 967.2,  | 1989.7, | 0.0); | ( 392430.3, |
| 3813548.9,  | 973.4,     | 1989.7, | 0.0);   |       |             |
| ( 392441.7, | 3813528.4, | 981.2,  | 1989.7, | 0.0); | ( 392453.1, |
| 3813508.0,  | 983.5,     | 1989.7, | 0.0);   |       |             |
| ( 392464.6, | 3813487.5, | 983.0,  | 1989.7, | 0.0); | ( 392476.0, |
| 3813467.1,  | 978.2,     | 1989.7, | 0.0);   |       |             |
| ( 392487.4, | 3813446.6, | 974.4,  | 1989.7, | 0.0); | ( 392498.8, |
| 3813426.2,  | 974.1,     | 1989.7, | 0.0);   |       |             |
| ( 392510.2, | 3813405.7, | 976.7,  | 1989.7, | 0.0); | ( 392521.6, |
| 3813385.3,  | 979.1,     | 1989.7, | 0.0);   |       |             |
| ( 392533.0, | 3813364.8, | 983.5,  | 1989.7, | 0.0); | ( 392544.5, |
| 3813344.4,  | 989.8,     | 1989.7, | 0.0);   |       |             |
| ( 392555.9, | 3813323.9, | 998.5,  | 1989.7, | 0.0); | ( 392567.3, |
| 3813303.5,  | 1009.6,    | 1989.7, | 0.0);   |       |             |
| ( 392602.0, | 3813280.5, | 1030.7, | 1989.7, | 0.0); | ( 392625.3, |
| 3813277.9,  | 1036.4,    | 1989.7, | 0.0);   |       |             |
| ( 392648.5, | 3813275.3, | 1041.0, | 1989.7, | 0.0); | ( 392671.8, |
| 3813272.7,  | 1049.5,    | 1989.7, | 0.0);   |       |             |
| ( 392695.1, | 3813270.1, | 1056.6, | 1989.7, | 0.0); | ( 392718.4, |
| 3813267.5,  | 1058.3,    | 1989.7, | 0.0);   |       |             |
| ( 392741.6, | 3813265.0, | 1053.3, | 1989.7, | 0.0); | ( 392764.9, |
| 3813262.4,  | 1043.7,    | 1989.7, | 0.0);   |       |             |
| ( 392788.2, | 3813259.8, | 1032.8, | 1989.7, | 0.0); | ( 392811.5, |
| 3813257.2,  | 1022.9,    | 1989.7, | 0.0);   |       |             |
| ( 392834.8, | 3813254.6, | 1015.5, | 1989.7, | 0.0); | ( 392858.0, |
| 3813252.1,  | 1011.3,    | 1989.7, | 0.0);   |       |             |
| ( 392881.3, | 3813249.5, | 1012.8, | 1989.7, | 0.0); | ( 392904.6, |
| 3813246.9,  | 1022.0,    | 1989.7, | 0.0);   |       |             |
| ( 392927.9, | 3813244.3, | 1031.8, | 1989.7, | 0.0); | ( 392951.1, |
| 3813241.7,  | 1040.7,    | 1989.7, | 0.0);   |       |             |
| ( 392974.4, | 3813239.2, | 1044.8, | 1989.7, | 0.0); | ( 392997.7, |
| 3813236.6,  | 1048.3,    | 1989.7, | 0.0);   |       |             |
| ( 393021.0, | 3813234.0, | 1055.6, | 1989.7, | 0.0); | ( 393044.2, |
| 3813231.4,  | 1062.8,    | 1989.7, | 0.0);   |       |             |
| ( 393067.5, | 3813228.8, | 1061.7, | 1989.7, | 0.0); | ( 393090.8, |
| 3813226.3,  | 1052.8,    | 1989.7, | 0.0);   |       |             |
| ( 393114.1, | 3813223.7, | 1041.0, | 1989.7, | 0.0); | ( 393137.3, |
| 3813221.1,  | 1029.5,    | 1989.7, | 0.0);   |       |             |
| ( 393160.6, | 3813218.5, | 1019.1, | 1989.7, | 0.0); | ( 393183.9, |
| 3813215.9,  | 1009.8,    | 1989.7, | 0.0);   |       |             |
| ( 393207.2, | 3813213.3, | 1000.9, | 1989.7, | 0.0); | ( 393230.5, |
| 3813210.8,  | 993.4,     | 1989.7, | 0.0);   |       |             |
| ( 393253.7, | 3813208.2, | 986.0,  | 1989.7, | 0.0); | ( 393277.0, |
| 3813205.6,  | 978.0,     | 1989.7, | 0.0);   |       |             |
| ( 393300.3, | 3813203.0, | 971.9,  | 1989.7, | 0.0); | ( 393323.6, |

```

3813200.4, 967.8, 1989.7, 0.0);
(393346.8, 3813197.9, 963.4, 1989.7, 0.0); (393370.1,
3813195.3, 958.6, 1989.7, 0.0);
(393393.4, 3813192.7, 955.2, 1989.7, 0.0); (393416.7,
3813190.1, 954.0, 1989.7, 0.0);
(393439.9, 3813187.5, 952.3, 1989.7, 0.0); (393463.2,
3813185.0, 948.5, 1989.7, 0.0);
(393486.5, 3813182.4, 945.8, 1989.7, 0.0); (393509.8,
3813179.8, 944.9, 1989.7, 0.0);
(393533.0, 3813177.2, 941.6, 1989.7, 0.0); (393556.3,
3813174.6, 931.5, 1989.7, 0.0);
(393579.6, 3813172.0, 931.9, 1989.7, 0.0); (393602.9,
3813169.5, 940.0, 1989.7, 0.0);
(393626.2, 3813166.9, 944.4, 1989.7, 0.0); (393649.4,
3813164.3, 941.8, 1989.7, 0.0);
(393672.7, 3813161.7, 936.1, 1989.7, 0.0); (393696.0,
3813159.1, 929.6, 1989.7, 0.0);
(393719.3, 3813156.6, 922.4, 1989.7, 0.0); (393742.5,
3813154.0, 915.2, 1989.7, 0.0);
(393765.8, 3813151.4, 910.4, 1989.7, 0.0); (393789.1,
3813148.8, 906.8, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 294

\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393812.4, 3813146.2, 905.0, 1989.7, 0.0); (393835.6,
3813143.7, 902.9, 1989.7, 0.0);
(393858.9, 3813141.1, 900.5, 1989.7, 0.0); (393882.2,
3813138.5, 897.4, 1989.7, 0.0);
(393905.5, 3813135.9, 894.9, 1989.7, 0.0); (393928.8,
3813133.3, 894.4, 1989.7, 0.0);
(393952.0, 3813130.8, 896.0, 1989.7, 0.0); (393975.3,
3813128.2, 897.8, 1989.7, 0.0);
(393998.6, 3813125.6, 899.6, 1989.7, 0.0); (394021.9,
3813123.0, 902.2, 1989.7, 0.0);
(394045.1, 3813120.4, 907.4, 1989.7, 0.0); (394068.4,
3813117.8, 913.1, 1989.7, 0.0);
(394091.7, 3813115.3, 915.2, 1989.7, 0.0); (394115.0,
3813112.7, 916.6, 1989.7, 0.0);
(394138.2, 3813110.1, 918.4, 1989.7, 0.0); (394161.5,
3813107.5, 920.4, 1989.7, 0.0);
(394184.8, 3813104.9, 922.8, 1989.7, 0.0); (394208.1,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813102.4,  | 925.1,     | 1989.7, | 0.0);   |       |             |
| ( 394231.3, | 3813099.8, | 926.6,  | 1989.7, | 0.0); | ( 394254.6, |
| 3813097.2,  | 927.9,     | 1989.7, | 0.0);   |       |             |
| ( 394277.9, | 3813094.6, | 929.4,  | 1989.7, | 0.0); | ( 394301.2, |
| 3813092.0,  | 930.9,     | 1989.7, | 0.0);   |       |             |
| ( 394324.5, | 3813089.5, | 932.2,  | 1989.7, | 0.0); | ( 394347.7, |
| 3813086.9,  | 933.4,     | 1989.7, | 0.0);   |       |             |
| ( 394371.0, | 3813084.3, | 934.7,  | 1989.7, | 0.0); | ( 394394.3, |
| 3813081.7,  | 936.0,     | 1989.7, | 0.0);   |       |             |
| ( 394417.6, | 3813079.1, | 937.4,  | 1989.7, | 0.0); | ( 394440.8, |
| 3813076.6,  | 939.2,     | 1989.7, | 0.0);   |       |             |
| ( 394464.1, | 3813074.0, | 941.2,  | 1989.7, | 0.0); | ( 394487.4, |
| 3813071.4,  | 943.3,     | 1989.7, | 0.0);   |       |             |
| ( 394510.7, | 3813068.8, | 945.6,  | 1989.7, | 0.0); | ( 394534.0, |
| 3813066.2,  | 947.5,     | 1989.7, | 0.0);   |       |             |
| ( 394557.2, | 3813063.6, | 949.4,  | 1989.7, | 0.0); | ( 394580.5, |
| 3813061.1,  | 951.2,     | 1989.7, | 0.0);   |       |             |
| ( 394603.8, | 3813058.5, | 953.0,  | 1989.7, | 0.0); | ( 394627.0, |
| 3813055.9,  | 955.0,     | 1989.7, | 0.0);   |       |             |
| ( 394650.3, | 3813053.3, | 957.0,  | 1989.7, | 0.0); | ( 394673.6, |
| 3813050.7,  | 959.3,     | 1989.7, | 0.0);   |       |             |
| ( 394696.9, | 3813048.2, | 961.6,  | 1989.7, | 0.0); | ( 394720.2, |
| 3813045.6,  | 963.9,     | 1989.7, | 0.0);   |       |             |
| ( 394743.4, | 3813043.0, | 965.9,  | 1989.7, | 0.0); | ( 394766.7, |
| 3813040.4,  | 967.5,     | 1989.7, | 0.0);   |       |             |
| ( 394790.0, | 3813037.8, | 968.9,  | 1989.7, | 0.0); | ( 394813.3, |
| 3813035.3,  | 970.8,     | 1989.7, | 0.0);   |       |             |
| ( 394836.5, | 3813032.7, | 973.6,  | 1989.7, | 0.0); | ( 394859.8, |
| 3813030.1,  | 976.2,     | 1989.7, | 0.0);   |       |             |
| ( 394883.1, | 3813027.5, | 978.7,  | 1989.7, | 0.0); | ( 394906.4, |
| 3813024.9,  | 981.0,     | 1989.7, | 0.0);   |       |             |
| ( 395348.6, | 3812975.9, | 1032.1, | 1989.7, | 0.0); | ( 395371.9, |
| 3812973.3,  | 1040.3,    | 1989.7, | 0.0);   |       |             |
| ( 395395.2, | 3812970.7, | 1045.1, | 1989.7, | 0.0); | ( 395418.5, |
| 3812968.1,  | 1045.2,    | 1989.7, | 0.0);   |       |             |
| ( 395441.7, | 3812965.6, | 1041.2, | 1989.7, | 0.0); | ( 395465.0, |
| 3812963.0,  | 1037.1,    | 1989.7, | 0.0);   |       |             |
| ( 395488.3, | 3812960.4, | 1032.5, | 1989.7, | 0.0); | ( 395511.6, |
| 3812957.8,  | 1033.8,    | 1989.7, | 0.0);   |       |             |
| ( 395534.8, | 3812955.2, | 1041.9, | 1989.7, | 0.0); | ( 395558.1, |
| 3812952.7,  | 1048.3,    | 1989.7, | 0.0);   |       |             |
| ( 395581.4, | 3812950.1, | 1048.4, | 1989.7, | 0.0); | ( 395604.7, |
| 3812947.5,  | 1043.7,    | 1989.7, | 0.0);   |       |             |
| ( 391083.4, | 3815961.9, | 869.1,  | 1979.8, | 0.0); | ( 391082.6, |
| 3815985.4,  | 872.2,     | 1955.9, | 0.0);   |       |             |
| ( 391081.8, | 3816008.8, | 876.4,  | 1937.2, | 0.0); | ( 391081.1, |
| 3816032.3,  | 882.3,     | 1937.2, | 0.0);   |       |             |
| ( 391080.3, | 3816055.8, | 889.2,  | 1937.2, | 0.0); | ( 391079.5, |
| 3816079.3,  | 894.6,     | 1439.5, | 0.0);   |       |             |
| ( 391078.7, | 3816102.7, | 897.6,  | 1439.5, | 0.0); | ( 391077.9, |

```

3816126.2, 897.6, 1439.5, 0.0);
(391077.1, 3816149.7, 898.1, 1439.5, 0.0); (391076.3,
3816173.2, 900.7, 1439.5, 0.0);
(391075.6, 3816196.6, 904.3, 1439.5, 0.0); (391074.8,
3816220.1, 908.2, 1439.5, 0.0);
(391074.0, 3816243.6, 907.8, 1439.5, 0.0); (390595.1,
3815924.8, 853.5, 1980.1, 0.0);
(390606.5, 3815904.4, 852.8, 1980.1, 0.0); (390617.8,
3815884.0, 852.4, 1983.1, 0.0);
(390629.2, 3815863.6, 851.0, 1989.7, 0.0); (390640.6,
3815843.2, 849.8, 1989.7, 0.0);
(390652.0, 3815822.8, 848.2, 1989.7, 0.0); (390663.4,
3815802.5, 847.3, 1989.7, 0.0);
(390674.8, 3815782.1, 848.1, 1989.7, 0.0); (390686.1,
3815761.7, 848.8, 1989.7, 0.0);
(390697.5, 3815741.3, 848.8, 1989.7, 0.0); (390708.9,
3815720.9, 848.8, 1989.7, 0.0);
(390720.3, 3815700.5, 847.7, 1989.7, 0.0); (390731.6,
3815680.1, 846.5, 1989.7, 0.0);
(390743.0, 3815659.7, 846.1, 1989.7, 0.0); (390754.4,
3815639.3, 846.1, 1989.7, 0.0);
(390765.8, 3815619.0, 846.1, 1989.7, 0.0); (390777.2,
3815598.6, 846.1, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 295

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390788.5, 3815578.2, 845.7, 1989.7, 0.0); (390799.9,
3815557.8, 844.4, 1989.7, 0.0);
(390811.3, 3815537.4, 843.1, 1989.7, 0.0); (390822.7,
3815517.0, 842.4, 1989.7, 0.0);
(390834.1, 3815496.6, 841.5, 1989.7, 0.0); (390845.5,
3815476.2, 840.0, 1989.7, 0.0);
(390856.8, 3815455.8, 838.4, 1989.7, 0.0); (390868.2,
3815435.5, 837.8, 1989.7, 0.0);
(390879.6, 3815415.1, 837.4, 1989.7, 0.0); (390891.0,
3815394.7, 837.6, 1989.7, 0.0);
(390902.4, 3815374.3, 838.7, 1989.7, 0.0); (390913.7,
3815353.9, 840.1, 1989.7, 0.0);
(390925.1, 3815333.5, 840.6, 1989.7, 0.0); (390936.5,
3815313.1, 840.1, 1989.7, 0.0);
(390947.9, 3815292.7, 839.2, 1989.7, 0.0); (390959.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815272.3,  | 838.3,     | 1989.7, | 0.0);   |       |             |
| ( 390970.6, | 3815252.0, | 838.0,  | 1989.7, | 0.0); | ( 390982.0, |
| 3815231.6,  | 837.7,     | 1989.7, | 0.0);   |       |             |
| ( 390993.4, | 3815211.2, | 839.2,  | 1989.7, | 0.0); | ( 391004.8, |
| 3815190.8,  | 840.4,     | 1989.7, | 0.0);   |       |             |
| ( 391016.2, | 3815170.4, | 841.0,  | 1989.7, | 0.0); | ( 391027.5, |
| 3815150.0,  | 841.4,     | 1989.7, | 0.0);   |       |             |
| ( 391038.9, | 3815129.6, | 841.8,  | 1989.7, | 0.0); | ( 391050.3, |
| 3815109.2,  | 842.0,     | 1989.7, | 0.0);   |       |             |
| ( 391061.7, | 3815088.8, | 842.1,  | 1989.7, | 0.0); | ( 391073.1, |
| 3815068.5,  | 841.0,     | 1989.7, | 0.0);   |       |             |
| ( 391084.5, | 3815048.1, | 838.6,  | 1989.7, | 0.0); | ( 391095.8, |
| 3815027.7,  | 837.3,     | 1989.7, | 0.0);   |       |             |
| ( 391107.2, | 3815007.3, | 836.8,  | 1989.7, | 0.0); | ( 391118.6, |
| 3814986.9,  | 836.6,     | 1989.7, | 0.0);   |       |             |
| ( 391130.0, | 3814966.5, | 836.8,  | 1989.7, | 0.0); | ( 391141.3, |
| 3814946.1,  | 836.8,     | 1989.7, | 0.0);   |       |             |
| ( 391152.7, | 3814925.7, | 836.7,  | 1989.7, | 0.0); | ( 391164.1, |
| 3814905.3,  | 837.1,     | 1989.7, | 0.0);   |       |             |
| ( 391175.5, | 3814885.0, | 837.5,  | 1989.7, | 0.0); | ( 391186.9, |
| 3814864.6,  | 837.7,     | 1989.7, | 0.0);   |       |             |
| ( 391198.2, | 3814844.2, | 837.8,  | 1989.7, | 0.0); | ( 391209.6, |
| 3814823.8,  | 837.8,     | 1989.7, | 0.0);   |       |             |
| ( 391221.0, | 3814803.4, | 837.8,  | 1989.7, | 0.0); | ( 391232.4, |
| 3814783.0,  | 837.9,     | 1989.7, | 0.0);   |       |             |
| ( 391243.8, | 3814762.6, | 837.9,  | 1989.7, | 0.0); | ( 391255.2, |
| 3814742.2,  | 838.0,     | 1989.7, | 0.0);   |       |             |
| ( 391266.5, | 3814721.8, | 838.1,  | 1989.7, | 0.0); | ( 391277.9, |
| 3814701.5,  | 838.2,     | 1989.7, | 0.0);   |       |             |
| ( 391289.3, | 3814681.1, | 838.1,  | 1989.7, | 0.0); | ( 391300.7, |
| 3814660.7,  | 838.2,     | 1989.7, | 0.0);   |       |             |
| ( 391312.1, | 3814640.3, | 838.3,  | 1989.7, | 0.0); | ( 391323.4, |
| 3814619.9,  | 838.6,     | 1989.7, | 0.0);   |       |             |
| ( 391334.8, | 3814599.5, | 838.7,  | 1989.7, | 0.0); | ( 391346.2, |
| 3814579.1,  | 838.7,     | 1989.7, | 0.0);   |       |             |
| ( 391357.6, | 3814558.7, | 838.4,  | 1989.7, | 0.0); | ( 391369.0, |
| 3814538.3,  | 838.4,     | 1989.7, | 0.0);   |       |             |
| ( 391380.3, | 3814518.0, | 838.4,  | 1989.7, | 0.0); | ( 391391.7, |
| 3814497.6,  | 838.5,     | 1989.7, | 0.0);   |       |             |
| ( 391403.1, | 3814477.2, | 838.8,  | 1989.7, | 0.0); | ( 391414.5, |
| 3814456.8,  | 839.3,     | 1989.7, | 0.0);   |       |             |
| ( 391425.9, | 3814436.4, | 840.4,  | 1989.7, | 0.0); | ( 391437.2, |
| 3814416.0,  | 841.5,     | 1989.7, | 0.0);   |       |             |
| ( 391448.6, | 3814395.6, | 842.8,  | 1989.7, | 0.0); | ( 391460.0, |
| 3814375.2,  | 844.6,     | 1989.7, | 0.0);   |       |             |
| ( 391471.4, | 3814354.9, | 846.1,  | 1989.7, | 0.0); | ( 391482.8, |
| 3814334.5,  | 847.6,     | 1989.7, | 0.0);   |       |             |
| ( 391494.1, | 3814314.1, | 848.6,  | 1989.7, | 0.0); | ( 391505.5, |
| 3814293.7,  | 849.8,     | 1989.7, | 0.0);   |       |             |
| ( 391516.9, | 3814273.3, | 851.5,  | 1989.7, | 0.0); | ( 391528.3, |

```

3814252.9, 852.9, 1989.7, 0.0);
(391539.7, 3814232.5, 854.0, 1989.7, 0.0); (391551.0,
3814212.1, 854.8, 1989.7, 0.0);
(391562.4, 3814191.8, 857.4, 1989.7, 0.0); (391573.8,
3814171.4, 860.0, 1989.7, 0.0);
(391585.2, 3814151.0, 862.9, 1989.7, 0.0); (391596.6,
3814130.6, 864.6, 1989.7, 0.0);
(391608.0, 3814110.2, 867.2, 1989.7, 0.0); (391619.3,
3814089.8, 870.7, 1989.7, 0.0);
(391630.7, 3814069.4, 875.8, 1989.7, 0.0); (391642.1,
3814049.0, 881.4, 1989.7, 0.0);
(391653.5, 3814028.6, 886.9, 1989.7, 0.0); (391664.8,
3814008.2, 894.3, 1989.7, 0.0);
(391676.2, 3813987.9, 902.3, 1989.7, 0.0); (391687.6,
3813967.5, 911.4, 1989.7, 0.0);
(391699.0, 3813947.1, 923.0, 1989.7, 0.0); (391710.4,
3813926.7, 935.5, 1989.7, 0.0);
(391721.8, 3813906.3, 948.0, 1989.7, 0.0); (391733.1,
3813885.9, 958.2, 1989.7, 0.0);
(391744.5, 3813865.5, 960.6, 1989.7, 0.0); (391755.9,
3813845.1, 958.6, 1989.7, 0.0);
(391767.3, 3813824.8, 952.1, 1989.7, 0.0); (391778.7,
3813804.4, 946.3, 1989.7, 0.0);
(391790.0, 3813784.0, 939.6, 1989.7, 0.0); (391801.4,
3813763.6, 936.5, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 296

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391812.8, 3813743.2, 936.4, 1989.7, 0.0); (391824.2,
3813722.8, 941.2, 1989.7, 0.0);
(391835.6, 3813702.4, 944.3, 1989.7, 0.0); (391846.9,
3813682.0, 946.8, 1989.7, 0.0);
(391858.3, 3813661.6, 947.0, 1989.7, 0.0); (391869.7,
3813641.2, 949.7, 1989.7, 0.0);
(391881.1, 3813620.9, 954.3, 1989.7, 0.0); (391892.5,
3813600.5, 957.6, 1989.7, 0.0);
(391903.8, 3813580.1, 957.3, 1989.7, 0.0); (391915.2,
3813559.7, 954.1, 1989.7, 0.0);
(391926.6, 3813539.3, 954.5, 1989.7, 0.0); (391938.0,
3813518.9, 953.8, 1989.7, 0.0);
(391949.4, 3813498.5, 951.6, 1989.7, 0.0); (391960.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813478.1,  | 958.7,     | 1989.7, | 0.0);   |       |             |
| ( 391972.1, | 3813457.8, | 969.7,  | 1989.7, | 0.0); | ( 391983.5, |
| 3813437.4,  | 981.5,     | 1989.7, | 0.0);   |       |             |
| ( 391994.9, | 3813417.0, | 988.8,  | 1989.7, | 0.0); | ( 392006.3, |
| 3813396.6,  | 992.8,     | 1989.7, | 0.0);   |       |             |
| ( 392017.6, | 3813376.2, | 991.6,  | 1989.7, | 0.0); | ( 392029.0, |
| 3813355.8,  | 988.3,     | 1989.7, | 0.0);   |       |             |
| ( 392040.4, | 3813335.4, | 987.1,  | 1989.7, | 0.0); | ( 392051.8, |
| 3813315.0,  | 989.3,     | 1989.7, | 0.0);   |       |             |
| ( 392063.2, | 3813294.6, | 987.6,  | 1989.7, | 0.0); | ( 392074.5, |
| 3813274.2,  | 983.5,     | 1989.7, | 0.0);   |       |             |
| ( 392085.9, | 3813253.9, | 980.0,  | 1989.7, | 0.0); | ( 392097.3, |
| 3813233.5,  | 977.2,     | 1989.7, | 0.0);   |       |             |
| ( 392108.7, | 3813213.1, | 975.7,  | 1989.7, | 0.0); | ( 392120.1, |
| 3813192.7,  | 975.0,     | 1989.7, | 0.0);   |       |             |
| ( 392131.5, | 3813172.3, | 973.7,  | 1989.7, | 0.0); | ( 392142.8, |
| 3813151.9,  | 974.4,     | 1989.7, | 0.0);   |       |             |
| ( 392154.2, | 3813131.5, | 983.9,  | 1989.7, | 0.0); | ( 392165.6, |
| 3813111.1,  | 993.9,     | 1989.7, | 0.0);   |       |             |
| ( 392177.0, | 3813090.8, | 1003.8, | 1989.7, | 0.0); | ( 392188.4, |
| 3813070.4,  | 1012.6,    | 1989.7, | 0.0);   |       |             |
| ( 392199.7, | 3813050.0, | 1018.9, | 1989.7, | 0.0); | ( 392211.1, |
| 3813029.6,  | 1025.9,    | 1989.7, | 0.0);   |       |             |
| ( 392222.5, | 3813009.2, | 1026.5, | 1989.7, | 0.0); | ( 392233.9, |
| 3812988.8,  | 1023.2,    | 1989.7, | 0.0);   |       |             |
| ( 392245.3, | 3812968.4, | 1013.5, | 1989.7, | 0.0); | ( 392256.6, |
| 3812948.0,  | 1003.1,    | 1989.7, | 0.0);   |       |             |
| ( 392268.0, | 3812927.6, | 993.5,  | 1989.7, | 0.0); | ( 392279.4, |
| 3812907.2,  | 984.9,     | 1989.7, | 0.0);   |       |             |
| ( 392290.8, | 3812886.9, | 984.8,  | 1989.7, | 0.0); | ( 392325.4, |
| 3812863.9,  | 999.3,     | 1989.7, | 0.0);   |       |             |
| ( 392348.6, | 3812861.3, | 1010.2, | 1989.7, | 0.0); | ( 392371.8, |
| 3812858.8,  | 1020.2,    | 1989.7, | 0.0);   |       |             |
| ( 392395.0, | 3812856.2, | 1029.2, | 1989.7, | 0.0); | ( 392418.2, |
| 3812853.6,  | 1037.4,    | 1989.7, | 0.0);   |       |             |
| ( 392441.4, | 3812851.0, | 1043.2, | 1989.7, | 0.0); | ( 392464.6, |
| 3812848.5,  | 1046.2,    | 1989.7, | 0.0);   |       |             |
| ( 392487.8, | 3812845.9, | 1046.8, | 1989.7, | 0.0); | ( 392511.0, |
| 3812843.3,  | 1047.2,    | 1989.7, | 0.0);   |       |             |
| ( 392534.2, | 3812840.7, | 1050.4, | 1989.7, | 0.0); | ( 392557.5, |
| 3812838.2,  | 1052.8,    | 1989.7, | 0.0);   |       |             |
| ( 392580.6, | 3812835.6, | 1057.5, | 1989.7, | 0.0); | ( 392603.9, |
| 3812833.0,  | 1063.4,    | 1989.7, | 0.0);   |       |             |
| ( 392627.1, | 3812830.4, | 1069.5, | 1989.7, | 0.0); | ( 392650.3, |
| 3812827.9,  | 1078.0,    | 1989.7, | 0.0);   |       |             |
| ( 392673.5, | 3812825.3, | 1090.1, | 1989.7, | 0.0); | ( 392696.7, |
| 3812822.7,  | 1102.4,    | 1989.7, | 0.0);   |       |             |
| ( 392719.9, | 3812820.2, | 1108.8, | 1989.7, | 0.0); | ( 392743.1, |
| 3812817.6,  | 1111.2,    | 1989.7, | 0.0);   |       |             |
| ( 392766.3, | 3812815.0, | 1116.0, | 1989.7, | 0.0); | ( 392789.5, |

```

3812812.4, 1121.6, 1989.7, 0.0);
(392812.7, 3812809.9, 1125.0, 1989.7, 0.0); (392835.9,
3812807.3, 1124.1, 1989.7, 0.0);
(392859.1, 3812804.7, 1121.2, 1989.7, 0.0); (392882.3,
3812802.1, 1117.4, 1989.7, 0.0);
(392905.6, 3812799.6, 1115.1, 1989.7, 0.0); (392928.8,
3812797.0, 1114.9, 1989.7, 0.0);
(392952.0, 3812794.4, 1111.4, 1989.7, 0.0); (392975.2,
3812791.8, 1102.1, 1989.7, 0.0);
(392998.4, 3812789.3, 1093.6, 1989.7, 0.0); (393021.6,
3812786.7, 1088.5, 1989.7, 0.0);
(393044.8, 3812784.1, 1082.8, 1989.7, 0.0); (393068.0,
3812781.5, 1077.7, 1989.7, 0.0);
(393091.2, 3812779.0, 1077.3, 1989.7, 0.0); (393114.4,
3812776.4, 1077.0, 1989.7, 0.0);
(393137.6, 3812773.8, 1075.2, 1989.7, 0.0); (393160.8,
3812771.3, 1072.0, 1989.7, 0.0);
(393184.0, 3812768.7, 1068.9, 1989.7, 0.0); (393207.3,
3812766.1, 1066.6, 1989.7, 0.0);
(393230.5, 3812763.5, 1062.6, 1989.7, 0.0); (393253.7,
3812761.0, 1056.1, 1989.7, 0.0);
(393276.9, 3812758.4, 1050.2, 1989.7, 0.0); (393300.1,
3812755.8, 1050.1, 1989.7, 0.0);
(393323.3, 3812753.2, 1054.3, 1989.7, 0.0); (393346.5,
3812750.7, 1062.5, 1989.7, 0.0);
(393369.7, 3812748.1, 1069.7, 1989.7, 0.0); (393392.9,
3812745.5, 1073.7, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 297

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393416.1, 3812742.9, 1073.5, 1989.7, 0.0); (393439.3,
3812740.4, 1071.3, 1989.7, 0.0);
(393462.5, 3812737.8, 1070.6, 1989.7, 0.0); (393485.8,
3812735.2, 1070.4, 1989.7, 0.0);
(393509.0, 3812732.7, 1066.2, 1989.7, 0.0); (393532.2,
3812730.1, 1063.5, 1989.7, 0.0);
(393555.4, 3812727.5, 1058.7, 1989.7, 0.0); (393578.6,
3812724.9, 1049.5, 1989.7, 0.0);
(393601.8, 3812722.4, 1040.9, 1989.7, 0.0); (393625.0,
3812719.8, 1034.3, 1989.7, 0.0);
(393648.2, 3812717.2, 1026.9, 1989.7, 0.0); (393671.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812714.6,  | 1018.7,    | 1989.7, | 0.0);   |       |             |
| ( 393694.6, | 3812712.1, | 1011.0, | 1989.7, | 0.0); | ( 393717.8, |
| 3812709.5,  | 1004.6,    | 1989.7, | 0.0);   |       |             |
| ( 393741.0, | 3812706.9, | 999.2,  | 1989.7, | 0.0); | ( 393764.2, |
| 3812704.3,  | 994.8,     | 1989.7, | 0.0);   |       |             |
| ( 393787.5, | 3812701.8, | 986.2,  | 1989.7, | 0.0); | ( 393810.7, |
| 3812699.2,  | 976.5,     | 1989.7, | 0.0);   |       |             |
| ( 393833.9, | 3812696.6, | 967.8,  | 1989.7, | 0.0); | ( 393857.1, |
| 3812694.1,  | 960.0,     | 1989.7, | 0.0);   |       |             |
| ( 393880.3, | 3812691.5, | 953.2,  | 1989.7, | 0.0); | ( 393903.5, |
| 3812688.9,  | 948.3,     | 1989.7, | 0.0);   |       |             |
| ( 393926.7, | 3812686.3, | 945.1,  | 1989.7, | 0.0); | ( 393949.9, |
| 3812683.8,  | 941.9,     | 1989.7, | 0.0);   |       |             |
| ( 393973.1, | 3812681.2, | 937.4,  | 1989.7, | 0.0); | ( 393996.3, |
| 3812678.6,  | 932.0,     | 1989.7, | 0.0);   |       |             |
| ( 394019.5, | 3812676.0, | 929.2,  | 1989.7, | 0.0); | ( 394042.7, |
| 3812673.5,  | 929.7,     | 1989.7, | 0.0);   |       |             |
| ( 394065.9, | 3812670.9, | 927.3,  | 1989.7, | 0.0); | ( 394089.1, |
| 3812668.3,  | 920.6,     | 1989.7, | 0.0);   |       |             |
| ( 394112.4, | 3812665.8, | 912.5,  | 1989.7, | 0.0); | ( 394135.6, |
| 3812663.2,  | 907.8,     | 1989.7, | 0.0);   |       |             |
| ( 394158.8, | 3812660.6, | 906.0,  | 2060.8, | 0.0); | ( 394182.0, |
| 3812658.0,  | 906.0,     | 2060.8, | 0.0);   |       |             |
| ( 394205.2, | 3812655.5, | 907.6,  | 2060.8, | 0.0); | ( 394228.4, |
| 3812652.9,  | 909.2,     | 2060.8, | 0.0);   |       |             |
| ( 394251.6, | 3812650.3, | 910.1,  | 2060.8, | 0.0); | ( 394274.8, |
| 3812647.7,  | 913.5,     | 2060.8, | 0.0);   |       |             |
| ( 394298.0, | 3812645.2, | 919.4,  | 1989.7, | 0.0); | ( 394321.2, |
| 3812642.6,  | 925.6,     | 1989.7, | 0.0);   |       |             |
| ( 394344.4, | 3812640.0, | 929.4,  | 1989.7, | 0.0); | ( 394367.6, |
| 3812637.4,  | 931.1,     | 1989.7, | 0.0);   |       |             |
| ( 394390.8, | 3812634.9, | 931.4,  | 1989.7, | 0.0); | ( 394414.1, |
| 3812632.3,  | 932.1,     | 1989.7, | 0.0);   |       |             |
| ( 394437.3, | 3812629.7, | 934.1,  | 1989.7, | 0.0); | ( 394460.5, |
| 3812627.1,  | 937.9,     | 1989.7, | 0.0);   |       |             |
| ( 394483.7, | 3812624.6, | 944.3,  | 1989.7, | 0.0); | ( 394506.9, |
| 3812622.0,  | 953.8,     | 1989.7, | 0.0);   |       |             |
| ( 394530.1, | 3812619.4, | 965.3,  | 1989.7, | 0.0); | ( 394553.3, |
| 3812616.9,  | 976.2,     | 1989.7, | 0.0);   |       |             |
| ( 394576.5, | 3812614.3, | 984.8,  | 1989.7, | 0.0); | ( 394599.7, |
| 3812611.7,  | 989.3,     | 1989.7, | 0.0);   |       |             |
| ( 394622.9, | 3812609.1, | 991.3,  | 1989.7, | 0.0); | ( 394646.1, |
| 3812606.6,  | 994.9,     | 1989.7, | 0.0);   |       |             |
| ( 394669.3, | 3812604.0, | 997.5,  | 1989.7, | 0.0); | ( 394692.5, |
| 3812601.4,  | 996.2,     | 1989.7, | 0.0);   |       |             |
| ( 394715.8, | 3812598.8, | 993.4,  | 1989.7, | 0.0); | ( 394739.0, |
| 3812596.3,  | 989.7,     | 1989.7, | 0.0);   |       |             |
| ( 394762.2, | 3812593.7, | 983.8,  | 1989.7, | 0.0); | ( 395179.9, |
| 3812547.4,  | 980.4,     | 2084.1, | 0.0);   |       |             |
| ( 395203.1, | 3812544.8, | 981.8,  | 2084.1, | 0.0); | ( 395226.3, |

```

3812542.2, 982.4, 2084.1, 0.0);
(395249.5, 3812539.7, 982.5, 2084.1, 0.0); (395272.7,
3812537.1, 983.1, 2084.1, 0.0);
(395296.0, 3812534.5, 984.5, 2084.1, 0.0); (395319.2,
3812531.9, 986.6, 2084.1, 0.0);
(395342.4, 3812529.4, 988.9, 2084.1, 0.0); (395365.6,
3812526.8, 989.8, 2084.1, 0.0);
(395388.8, 3812524.2, 992.0, 2084.1, 0.0); (395412.0,
3812521.6, 993.6, 2084.1, 0.0);
(395435.2, 3812519.1, 995.4, 2084.1, 0.0); (395458.4,
3812516.5, 997.5, 2084.1, 0.0);
(395481.6, 3812513.9, 1000.2, 2084.1, 0.0); (395504.8,
3812511.3, 1003.4, 2084.1, 0.0);
(395528.0, 3812508.8, 1006.0, 2084.1, 0.0); (395551.2,
3812506.2, 1006.3, 2084.1, 0.0);
(395574.4, 3812503.6, 1006.7, 2084.1, 0.0); (395597.6,
3812501.1, 1008.5, 2084.1, 0.0);
(395620.9, 3812498.5, 1010.8, 2084.1, 0.0); (395644.1,
3812495.9, 1011.1, 2084.1, 0.0);
(395667.3, 3812493.3, 1013.4, 2084.1, 0.0); (395690.5,
3812490.8, 1017.4, 2084.1, 0.0);
(395713.7, 3812488.2, 1022.2, 2084.1, 0.0); (395736.9,
3812485.6, 1026.3, 2084.1, 0.0);
(395760.1, 3812483.0, 1028.5, 2084.1, 0.0); (395783.3,
3812480.5, 1028.7, 2084.1, 0.0);
(390583.7, 3815945.2, 853.9, 1980.1, 0.0); (390582.9,
3815968.6, 853.8, 1980.1, 0.0);
(390582.1, 3815992.1, 854.1, 1980.1, 0.0); (390581.3,
3816015.6, 854.9, 1980.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 298

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390580.6, 3816039.1, 856.5, 1980.1, 0.0); (390579.8,
3816062.5, 857.8, 1956.1, 0.0);
(390579.0, 3816086.0, 858.8, 1955.9, 0.0); (390578.2,
3816109.5, 859.5, 1937.2, 0.0);
(390577.4, 3816133.0, 860.2, 1937.2, 0.0); (390576.6,
3816156.4, 860.8, 1937.2, 0.0);
(390575.8, 3816179.9, 861.4, 1937.2, 0.0); (390575.1,
3816203.4, 862.1, 1937.2, 0.0);
(390574.3, 3816226.8, 862.7, 1937.2, 0.0); (389262.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815880.1,  | 844.6,     | 1980.1, | 0.0);   |       |             |
| ( 389273.9, | 3815859.7, | 844.2,  | 1980.1, | 0.0); | ( 389285.3, |
| 3815839.3,  | 843.8,     | 1980.1, | 0.0);   |       |             |
| ( 389296.7, | 3815818.9, | 843.3,  | 1980.1, | 0.0); | ( 389308.1, |
| 3815798.5,  | 842.9,     | 1981.6, | 0.0);   |       |             |
| ( 389319.5, | 3815778.0, | 842.6,  | 1985.5, | 0.0); | ( 389330.9, |
| 3815757.6,  | 842.4,     | 1988.2, | 0.0);   |       |             |
| ( 389342.3, | 3815737.2, | 843.1,  | 1989.7, | 0.0); | ( 389353.7, |
| 3815716.8,  | 844.3,     | 1989.7, | 0.0);   |       |             |
| ( 389365.1, | 3815696.4, | 845.4,  | 1989.7, | 0.0); | ( 389376.5, |
| 3815676.0,  | 845.3,     | 1989.7, | 0.0);   |       |             |
| ( 389387.9, | 3815655.5, | 845.0,  | 1989.7, | 0.0); | ( 389399.3, |
| 3815635.1,  | 845.4,     | 1989.7, | 0.0);   |       |             |
| ( 389410.7, | 3815614.7, | 845.8,  | 1989.7, | 0.0); | ( 389422.1, |
| 3815594.3,  | 845.7,     | 1989.7, | 0.0);   |       |             |
| ( 389433.5, | 3815573.9, | 845.3,  | 1989.7, | 0.0); | ( 389444.9, |
| 3815553.4,  | 844.6,     | 1989.7, | 0.0);   |       |             |
| ( 389456.3, | 3815533.0, | 843.7,  | 1989.7, | 0.0); | ( 389467.7, |
| 3815512.6,  | 842.3,     | 1989.7, | 0.0);   |       |             |
| ( 389479.1, | 3815492.2, | 840.4,  | 1989.7, | 0.0); | ( 389490.5, |
| 3815471.8,  | 839.2,     | 1989.7, | 0.0);   |       |             |
| ( 389501.8, | 3815451.4, | 838.1,  | 1989.7, | 0.0); | ( 389513.2, |
| 3815430.9,  | 837.1,     | 1989.7, | 0.0);   |       |             |
| ( 389524.6, | 3815410.5, | 836.1,  | 1989.7, | 0.0); | ( 389536.0, |
| 3815390.1,  | 835.4,     | 1989.7, | 0.0);   |       |             |
| ( 389547.4, | 3815369.7, | 835.2,  | 1989.7, | 0.0); | ( 389558.8, |
| 3815349.3,  | 835.1,     | 1989.7, | 0.0);   |       |             |
| ( 389570.2, | 3815328.8, | 834.9,  | 1989.7, | 0.0); | ( 389581.6, |
| 3815308.4,  | 834.7,     | 1989.7, | 0.0);   |       |             |
| ( 389593.0, | 3815288.0, | 834.8,  | 1989.7, | 0.0); | ( 389604.4, |
| 3815267.6,  | 834.5,     | 1989.7, | 0.0);   |       |             |
| ( 389615.8, | 3815247.2, | 834.2,  | 1989.7, | 0.0); | ( 389627.2, |
| 3815226.8,  | 833.8,     | 1989.7, | 0.0);   |       |             |
| ( 389638.6, | 3815206.3, | 833.6,  | 1989.7, | 0.0); | ( 389650.0, |
| 3815185.9,  | 833.7,     | 1989.7, | 0.0);   |       |             |
| ( 389661.4, | 3815165.5, | 833.4,  | 1989.7, | 0.0); | ( 389672.8, |
| 3815145.1,  | 832.9,     | 1989.7, | 0.0);   |       |             |
| ( 389684.2, | 3815124.7, | 832.3,  | 1989.7, | 0.0); | ( 389695.6, |
| 3815104.2,  | 831.9,     | 1989.7, | 0.0);   |       |             |
| ( 389707.0, | 3815083.8, | 831.3,  | 1989.7, | 0.0); | ( 389718.4, |
| 3815063.4,  | 831.1,     | 1989.7, | 0.0);   |       |             |
| ( 389729.8, | 3815043.0, | 832.1,  | 1989.7, | 0.0); | ( 389741.2, |
| 3815022.6,  | 832.0,     | 1989.7, | 0.0);   |       |             |
| ( 389752.6, | 3815002.2, | 830.9,  | 1989.7, | 0.0); | ( 389764.0, |
| 3814981.7,  | 830.3,     | 1989.7, | 0.0);   |       |             |
| ( 389775.4, | 3814961.3, | 829.6,  | 1989.7, | 0.0); | ( 389786.8, |
| 3814940.9,  | 829.2,     | 1989.7, | 0.0);   |       |             |
| ( 389798.2, | 3814920.5, | 829.2,  | 1989.7, | 0.0); | ( 389809.6, |
| 3814900.1,  | 829.2,     | 1989.7, | 0.0);   |       |             |
| ( 389821.0, | 3814879.6, | 829.2,  | 1989.7, | 0.0); | ( 389832.4, |

```

3814859.2, 828.6, 1989.7, 0.0);
 (389843.8, 3814838.8, 828.6, 1989.7, 0.0); (389855.2,
3814818.4, 828.8, 1989.7, 0.0);
 (389866.6, 3814798.0, 829.2, 1989.7, 0.0); (389878.0,
3814777.6, 829.3, 1989.7, 0.0);
 (389889.3, 3814757.1, 827.6, 1989.7, 0.0); (389900.8,
3814736.7, 826.2, 1989.7, 0.0);
 (389912.1, 3814716.3, 824.9, 1989.7, 0.0); (389923.5,
3814695.9, 824.1, 1989.7, 0.0);
 (389934.9, 3814675.5, 823.8, 1989.7, 0.0); (389946.3,
3814655.0, 823.8, 1989.7, 0.0);
 (389957.7, 3814634.6, 823.8, 1989.7, 0.0); (389969.1,
3814614.2, 823.6, 1989.7, 0.0);
 (389980.5, 3814593.8, 823.4, 1989.7, 0.0); (389991.9,
3814573.4, 823.4, 1989.7, 0.0);
 (390003.3, 3814553.0, 823.6, 1989.7, 0.0); (390014.7,
3814532.5, 823.8, 1989.7, 0.0);
 (390026.1, 3814512.1, 823.6, 1989.7, 0.0); (390037.5,
3814491.7, 823.4, 1989.7, 0.0);
 (390048.9, 3814471.3, 823.3, 1989.7, 0.0); (390060.3,
3814450.9, 823.1, 1989.7, 0.0);
 (390071.7, 3814430.4, 822.9, 1989.7, 0.0); (390083.1,
3814410.0, 822.8, 1989.7, 0.0);
 (390094.5, 3814389.6, 822.6, 1989.7, 0.0); (390105.9,
3814369.2, 822.2, 1989.7, 0.0);
 (390117.3, 3814348.8, 821.3, 1989.7, 0.0); (390128.7,
3814328.3, 820.4, 1989.7, 0.0);
 (390140.1, 3814307.9, 820.1, 1989.7, 0.0); (390151.5,
3814287.5, 819.7, 1989.7, 0.0);
 (390162.9, 3814267.1, 819.5, 1989.7, 0.0); (390174.3,
3814246.7, 819.4, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 299

\*\*\* MODELOPTs:    RegDFAULT   CONC   ELEV   RURAL   ADJ\_U\*   BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (390185.7, 3814226.3, 819.5, 1989.7, 0.0); (390197.1,
3814205.8, 819.8, 1989.7, 0.0);
 (390208.5, 3814185.4, 819.8, 1989.7, 0.0); (390219.9,
3814165.0, 819.5, 1989.7, 0.0);
 (390231.3, 3814144.6, 819.3, 1989.7, 0.0); (390242.7,
3814124.2, 819.1, 1989.7, 0.0);
 (390254.1, 3814103.8, 818.8, 1989.7, 0.0); (390265.5,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3814083.3,  | 818.5,     | 1989.7, | 0.0);   |       |             |
| ( 390276.8, | 3814062.9, | 818.2,  | 1989.7, | 0.0); | ( 390288.2, |
| 3814042.5,  | 817.9,     | 1989.7, | 0.0);   |       |             |
| ( 390299.6, | 3814022.1, | 817.7,  | 1989.7, | 0.0); | ( 390311.0, |
| 3814001.7,  | 817.6,     | 1989.7, | 0.0);   |       |             |
| ( 390322.4, | 3813981.2, | 817.5,  | 1989.7, | 0.0); | ( 390333.8, |
| 3813960.8,  | 817.2,     | 1989.7, | 0.0);   |       |             |
| ( 390345.2, | 3813940.4, | 816.8,  | 1989.7, | 0.0); | ( 390356.6, |
| 3813920.0,  | 816.5,     | 1989.7, | 0.0);   |       |             |
| ( 390368.0, | 3813899.6, | 816.0,  | 1989.7, | 0.0); | ( 390379.4, |
| 3813879.1,  | 815.6,     | 1989.7, | 0.0);   |       |             |
| ( 390390.8, | 3813858.7, | 815.2,  | 1989.7, | 0.0); | ( 390402.2, |
| 3813838.3,  | 814.8,     | 1989.7, | 0.0);   |       |             |
| ( 390413.6, | 3813817.9, | 814.3,  | 1989.7, | 0.0); | ( 390425.0, |
| 3813797.5,  | 813.9,     | 1989.7, | 0.0);   |       |             |
| ( 390436.4, | 3813777.1, | 813.5,  | 1989.7, | 0.0); | ( 390447.8, |
| 3813756.6,  | 813.3,     | 1989.7, | 0.0);   |       |             |
| ( 390459.2, | 3813736.2, | 813.1,  | 1989.7, | 0.0); | ( 390470.6, |
| 3813715.8,  | 812.8,     | 1989.7, | 0.0);   |       |             |
| ( 390482.0, | 3813695.4, | 812.5,  | 1989.7, | 0.0); | ( 390493.4, |
| 3813675.0,  | 812.3,     | 1989.7, | 0.0);   |       |             |
| ( 390504.8, | 3813654.5, | 812.1,  | 1989.7, | 0.0); | ( 390516.2, |
| 3813634.1,  | 811.8,     | 1989.7, | 0.0);   |       |             |
| ( 390527.6, | 3813613.7, | 811.8,  | 1989.7, | 0.0); | ( 390539.0, |
| 3813593.3,  | 813.8,     | 1989.7, | 0.0);   |       |             |
| ( 390550.4, | 3813572.9, | 818.2,  | 1989.7, | 0.0); | ( 390561.8, |
| 3813552.5,  | 822.0,     | 1989.7, | 0.0);   |       |             |
| ( 390573.2, | 3813532.0, | 823.6,  | 1989.7, | 0.0); | ( 390584.6, |
| 3813511.6,  | 823.7,     | 1989.7, | 0.0);   |       |             |
| ( 390596.0, | 3813491.2, | 826.0,  | 1989.7, | 0.0); | ( 390607.4, |
| 3813470.8,  | 827.6,     | 1989.7, | 0.0);   |       |             |
| ( 390618.8, | 3813450.4, | 828.3,  | 1989.7, | 0.0); | ( 390630.2, |
| 3813429.9,  | 828.9,     | 1989.7, | 0.0);   |       |             |
| ( 390641.5, | 3813409.5, | 828.0,  | 1989.7, | 0.0); | ( 390653.0, |
| 3813389.1,  | 825.1,     | 1989.7, | 0.0);   |       |             |
| ( 390664.3, | 3813368.7, | 822.5,  | 1989.7, | 0.0); | ( 390675.8, |
| 3813348.3,  | 820.9,     | 1989.7, | 0.0);   |       |             |
| ( 390687.1, | 3813327.9, | 820.6,  | 1989.7, | 0.0); | ( 390698.5, |
| 3813307.4,  | 823.1,     | 1989.7, | 0.0);   |       |             |
| ( 390709.9, | 3813287.0, | 826.6,  | 1989.7, | 0.0); | ( 390721.3, |
| 3813266.6,  | 831.4,     | 1989.7, | 0.0);   |       |             |
| ( 390732.7, | 3813246.2, | 836.7,  | 1989.7, | 0.0); | ( 390744.1, |
| 3813225.8,  | 842.3,     | 1989.7, | 0.0);   |       |             |
| ( 390755.5, | 3813205.3, | 847.3,  | 1989.7, | 0.0); | ( 390766.9, |
| 3813184.9,  | 854.3,     | 1989.7, | 0.0);   |       |             |
| ( 390778.3, | 3813164.5, | 860.4,  | 1989.7, | 0.0); | ( 390789.7, |
| 3813144.1,  | 869.2,     | 1989.7, | 0.0);   |       |             |
| ( 390801.1, | 3813123.7, | 880.3,  | 1989.7, | 0.0); | ( 390812.5, |
| 3813103.3,  | 892.6,     | 1989.7, | 0.0);   |       |             |
| ( 390823.9, | 3813082.8, | 906.1,  | 1989.7, | 0.0); | ( 390835.3, |

```

3813062.4, 917.9, 1989.7, 0.0);
 (390846.7, 3813042.0, 929.6, 1989.7, 0.0); (390858.1,
3813021.6, 938.4, 1989.7, 0.0);
 (390869.5, 3813001.2, 944.8, 1989.7, 0.0); (390880.9,
3812980.8, 950.9, 1989.7, 0.0);
 (390892.3, 3812960.3, 956.6, 1989.7, 0.0); (390903.7,
3812939.9, 963.3, 1989.7, 0.0);
 (390915.1, 3812919.5, 969.3, 1989.7, 0.0); (390926.5,
3812899.1, 973.2, 1989.7, 0.0);
 (390937.9, 3812878.6, 973.3, 1989.7, 0.0); (390949.3,
3812858.2, 974.3, 1989.7, 0.0);
 (390960.7, 3812837.8, 974.9, 1989.7, 0.0); (390972.1,
3812817.4, 976.7, 1989.7, 0.0);
 (390983.5, 3812797.0, 978.6, 1989.7, 0.0); (390994.9,
3812776.6, 980.3, 1989.7, 0.0);
 (391006.3, 3812756.1, 983.2, 1989.7, 0.0); (391017.7,
3812735.7, 987.5, 1989.7, 0.0);
 (391029.0, 3812715.3, 993.9, 1989.7, 0.0); (391040.5,
3812694.9, 997.3, 1989.7, 0.0);
 (391051.8, 3812674.5, 998.4, 1989.7, 0.0); (391063.2,
3812654.0, 995.6, 1989.7, 0.0);
 (391074.6, 3812633.6, 991.0, 1989.7, 0.0); (391086.0,
3812613.2, 983.9, 1989.7, 0.0);
 (391097.4, 3812592.8, 978.5, 1989.7, 0.0); (391108.8,
3812572.4, 971.8, 1989.7, 0.0);
 (391120.2, 3812552.0, 961.6, 1989.7, 0.0); (391131.6,
3812531.5, 954.9, 1989.7, 0.0);
 (391143.0, 3812511.1, 953.4, 1989.7, 0.0); (391154.4,
3812490.7, 955.9, 1989.7, 0.0);
 (391165.8, 3812470.3, 965.5, 1989.7, 0.0); (391177.2,
3812449.9, 976.6, 1989.7, 0.0);
 (391188.6, 3812429.4, 989.8, 1989.7, 0.0); (391200.0,
3812409.0, 1000.3, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 300

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (391211.4, 3812388.6, 1005.0, 1989.7, 0.0); (391222.8,
3812368.2, 1000.8, 1989.7, 0.0);
 (391234.2, 3812347.8, 997.9, 1989.7, 0.0); (391245.6,
3812327.4, 998.6, 1989.7, 0.0);
 (391257.0, 3812306.9, 998.3, 1989.7, 0.0); (391268.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812286.5,  | 998.6,     | 1989.7, | 0.0);   |       |             |
| ( 391279.8, | 3812266.1, | 1000.6, | 1989.7, | 0.0); | ( 391291.2, |
| 3812245.7,  | 998.4,     | 1989.7, | 0.0);   |       |             |
| ( 391302.6, | 3812225.3, | 988.8,  | 1989.7, | 0.0); | ( 391314.0, |
| 3812204.8,  | 976.8,     | 1989.7, | 0.0);   |       |             |
| ( 391325.4, | 3812184.4, | 965.6,  | 1989.7, | 0.0); | ( 391336.8, |
| 3812164.0,  | 956.6,     | 1989.7, | 0.0);   |       |             |
| ( 391348.2, | 3812143.6, | 948.8,  | 1989.7, | 0.0); | ( 391359.6, |
| 3812123.2,  | 943.6,     | 1989.7, | 0.0);   |       |             |
| ( 391371.0, | 3812102.8, | 940.5,  | 1989.7, | 0.0); | ( 391382.4, |
| 3812082.3,  | 936.1,     | 1989.7, | 0.0);   |       |             |
| ( 391393.8, | 3812061.9, | 929.8,  | 1989.7, | 0.0); | ( 391405.1, |
| 3812041.5,  | 924.0,     | 1989.7, | 0.0);   |       |             |
| ( 391416.5, | 3812021.1, | 916.1,  | 1989.7, | 0.0); | ( 391428.0, |
| 3812000.7,  | 909.9,     | 1989.7, | 0.0);   |       |             |
| ( 391439.3, | 3811980.2, | 905.6,  | 1989.7, | 0.0); | ( 391450.7, |
| 3811959.8,  | 902.4,     | 1989.7, | 0.0);   |       |             |
| ( 391462.1, | 3811939.4, | 899.0,  | 1989.7, | 0.0); | ( 391473.5, |
| 3811919.0,  | 895.8,     | 1989.7, | 0.0);   |       |             |
| ( 391484.9, | 3811898.6, | 894.7,  | 1989.7, | 0.0); | ( 391496.3, |
| 3811878.2,  | 898.6,     | 1989.7, | 0.0);   |       |             |
| ( 391507.7, | 3811857.7, | 901.9,  | 1989.7, | 0.0); | ( 391519.1, |
| 3811837.3,  | 900.5,     | 1989.7, | 0.0);   |       |             |
| ( 391530.5, | 3811816.9, | 894.3,  | 1989.7, | 0.0); | ( 391541.9, |
| 3811796.5,  | 887.8,     | 1989.7, | 0.0);   |       |             |
| ( 391553.3, | 3811776.1, | 884.1,  | 1989.7, | 0.0); | ( 391588.0, |
| 3811753.1,  | 885.9,     | 1989.7, | 0.0);   |       |             |
| ( 391611.2, | 3811750.5, | 886.4,  | 1989.7, | 0.0); | ( 391634.4, |
| 3811747.9,  | 886.1,     | 1989.7, | 0.0);   |       |             |
| ( 391657.7, | 3811745.3, | 883.9,  | 1989.7, | 0.0); | ( 391680.9, |
| 3811742.8,  | 881.5,     | 1989.7, | 0.0);   |       |             |
| ( 391704.2, | 3811740.2, | 883.0,  | 1989.7, | 0.0); | ( 391727.4, |
| 3811737.6,  | 886.6,     | 1989.7, | 0.0);   |       |             |
| ( 391750.6, | 3811735.0, | 892.5,  | 1989.7, | 0.0); | ( 391773.9, |
| 3811732.4,  | 900.9,     | 1989.7, | 0.0);   |       |             |
| ( 391797.1, | 3811729.9, | 908.8,  | 1989.7, | 0.0); | ( 391820.4, |
| 3811727.3,  | 913.4,     | 1989.7, | 0.0);   |       |             |
| ( 391843.6, | 3811724.7, | 914.2,  | 1989.7, | 0.0); | ( 391866.8, |
| 3811722.1,  | 912.9,     | 1989.7, | 0.0);   |       |             |
| ( 391890.1, | 3811719.6, | 911.1,  | 1989.7, | 0.0); | ( 391913.3, |
| 3811717.0,  | 910.5,     | 1989.7, | 0.0);   |       |             |
| ( 391936.6, | 3811714.4, | 911.3,  | 1989.7, | 0.0); | ( 391959.8, |
| 3811711.8,  | 912.5,     | 1989.7, | 0.0);   |       |             |
| ( 391983.1, | 3811709.3, | 913.8,  | 1989.7, | 0.0); | ( 392006.3, |
| 3811706.7,  | 915.1,     | 1989.7, | 0.0);   |       |             |
| ( 392029.5, | 3811704.1, | 916.4,  | 1989.7, | 0.0); | ( 392052.8, |
| 3811701.5,  | 918.0,     | 1989.7, | 0.0);   |       |             |
| ( 392076.0, | 3811698.9, | 919.6,  | 1989.7, | 0.0); | ( 392099.3, |
| 3811696.4,  | 921.3,     | 1989.7, | 0.0);   |       |             |
| ( 392122.5, | 3811693.8, | 923.0,  | 1989.7, | 0.0); | ( 392145.7, |

```

3811691.2, 923.6, 1989.7, 0.0);
 (392169.0, 3811688.6, 924.0, 1989.7, 0.0); (392192.2,
3811686.1, 925.7, 1989.7, 0.0);
 (392215.5, 3811683.5, 927.8, 1989.7, 0.0); (392238.7,
3811680.9, 928.9, 1989.7, 0.0);
 (392262.0, 3811678.3, 930.8, 1989.7, 0.0); (392285.2,
3811675.8, 934.4, 1989.7, 0.0);
 (392308.4, 3811673.2, 938.4, 1989.7, 0.0); (392331.7,
3811670.6, 942.0, 1989.7, 0.0);
 (392354.9, 3811668.0, 944.0, 1989.7, 0.0); (392378.2,
3811665.4, 943.6, 1989.7, 0.0);
 (392401.4, 3811662.9, 942.5, 1989.7, 0.0); (392424.6,
3811660.3, 942.6, 1989.7, 0.0);
 (392447.9, 3811657.7, 944.1, 1989.7, 0.0); (392471.1,
3811655.1, 945.8, 1989.7, 0.0);
 (392494.4, 3811652.6, 946.8, 1989.7, 0.0); (392517.6,
3811650.0, 948.0, 1989.7, 0.0);
 (392540.8, 3811647.4, 949.6, 1989.7, 0.0); (392564.1,
3811644.8, 951.0, 1989.7, 0.0);
 (392587.3, 3811642.2, 951.7, 1989.7, 0.0); (392610.6,
3811639.7, 952.1, 1989.7, 0.0);
 (392633.8, 3811637.1, 952.6, 1989.7, 0.0); (392657.0,
3811634.5, 953.6, 1989.7, 0.0);
 (392680.3, 3811631.9, 955.1, 1989.7, 0.0); (392703.5,
3811629.4, 956.9, 1989.7, 0.0);
 (392726.8, 3811626.8, 959.5, 1989.7, 0.0); (392750.0,
3811624.2, 963.2, 1989.7, 0.0);
 (392773.3, 3811621.6, 965.3, 1989.7, 0.0); (392796.5,
3811619.1, 967.2, 1989.7, 0.0);
 (392819.7, 3811616.5, 970.6, 1989.7, 0.0); (392843.0,
3811613.9, 974.4, 1989.7, 0.0);
 (392866.2, 3811611.3, 977.4, 1989.7, 0.0); (392889.5,
3811608.8, 980.1, 1989.7, 0.0);
 (392912.7, 3811606.2, 983.4, 1989.7, 0.0); (392936.0,
3811603.6, 989.7, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 301

\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (392959.2, 3811601.0, 998.3, 1989.7, 0.0); (392982.4,
3811598.4, 1008.3, 1989.7, 0.0);
 (393005.7, 3811595.9, 1014.2, 1989.7, 0.0); (393028.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811593.3,  | 1022.0,    | 1989.7, | 0.0);   |       |             |
| ( 393052.1, | 3811590.7, | 1032.0, | 1989.7, | 0.0); | ( 393075.4, |
| 3811588.1,  | 1040.8,    | 1989.7, | 0.0);   |       |             |
| ( 393098.6, | 3811585.6, | 1049.4, | 1989.7, | 0.0); | ( 393121.9, |
| 3811583.0,  | 1059.0,    | 1989.7, | 0.0);   |       |             |
| ( 393145.1, | 3811580.4, | 1069.1, | 1989.7, | 0.0); | ( 393168.4, |
| 3811577.8,  | 1078.3,    | 1989.7, | 0.0);   |       |             |
| ( 393191.6, | 3811575.2, | 1085.3, | 1989.7, | 0.0); | ( 393214.8, |
| 3811572.7,  | 1090.5,    | 1989.7, | 0.0);   |       |             |
| ( 393238.1, | 3811570.1, | 1094.7, | 1989.7, | 0.0); | ( 393261.3, |
| 3811567.5,  | 1100.5,    | 1989.7, | 0.0);   |       |             |
| ( 393284.6, | 3811564.9, | 1107.1, | 1989.7, | 0.0); | ( 393307.8, |
| 3811562.4,  | 1112.4,    | 1989.7, | 0.0);   |       |             |
| ( 393331.0, | 3811559.8, | 1114.1, | 1989.7, | 0.0); | ( 393354.3, |
| 3811557.2,  | 1110.8,    | 1989.7, | 0.0);   |       |             |
| ( 393377.5, | 3811554.6, | 1105.1, | 1989.7, | 0.0); | ( 393400.8, |
| 3811552.0,  | 1099.7,    | 1989.7, | 0.0);   |       |             |
| ( 393424.0, | 3811549.5, | 1096.7, | 1989.7, | 0.0); | ( 393447.3, |
| 3811546.9,  | 1097.5,    | 1989.7, | 0.0);   |       |             |
| ( 393470.5, | 3811544.3, | 1099.4, | 1989.7, | 0.0); | ( 393493.7, |
| 3811541.8,  | 1101.8,    | 1989.7, | 0.0);   |       |             |
| ( 393517.0, | 3811539.2, | 1105.6, | 1989.7, | 0.0); | ( 393540.2, |
| 3811536.6,  | 1107.7,    | 1989.7, | 0.0);   |       |             |
| ( 393563.5, | 3811534.0, | 1104.8, | 1989.7, | 0.0); | ( 393586.7, |
| 3811531.4,  | 1097.9,    | 1989.7, | 0.0);   |       |             |
| ( 393610.0, | 3811528.9, | 1088.2, | 1989.7, | 0.0); | ( 393633.2, |
| 3811526.3,  | 1076.8,    | 1989.7, | 0.0);   |       |             |
| ( 393656.4, | 3811523.7, | 1064.3, | 1989.7, | 0.0); | ( 393679.7, |
| 3811521.1,  | 1051.7,    | 1989.7, | 0.0);   |       |             |
| ( 393702.9, | 3811518.5, | 1039.3, | 1989.7, | 0.0); | ( 393726.1, |
| 3811516.0,  | 1027.0,    | 1989.7, | 0.0);   |       |             |
| ( 393749.4, | 3811513.4, | 1014.6, | 1989.7, | 0.0); | ( 393772.6, |
| 3811510.8,  | 1003.6,    | 1989.7, | 0.0);   |       |             |
| ( 393795.9, | 3811508.2, | 996.3,  | 1989.7, | 0.0); | ( 393819.1, |
| 3811505.7,  | 990.9,     | 1989.7, | 0.0);   |       |             |
| ( 393842.4, | 3811503.1, | 986.5,  | 1989.7, | 0.0); | ( 393865.6, |
| 3811500.5,  | 983.0,     | 1989.7, | 0.0);   |       |             |
| ( 393888.8, | 3811497.9, | 980.8,  | 1989.7, | 0.0); | ( 393912.1, |
| 3811495.4,  | 979.3,     | 1989.7, | 0.0);   |       |             |
| ( 393935.3, | 3811492.8, | 977.8,  | 1989.7, | 0.0); | ( 393958.6, |
| 3811490.2,  | 976.5,     | 1989.7, | 0.0);   |       |             |
| ( 393981.8, | 3811487.6, | 975.8,  | 1989.7, | 0.0); | ( 394005.0, |
| 3811485.0,  | 975.9,     | 1989.7, | 0.0);   |       |             |
| ( 394028.3, | 3811482.5, | 976.5,  | 1989.7, | 0.0); | ( 394051.5, |
| 3811479.9,  | 974.8,     | 1989.7, | 0.0);   |       |             |
| ( 394074.8, | 3811477.3, | 973.1,  | 1989.7, | 0.0); | ( 394098.0, |
| 3811474.7,  | 972.6,     | 1989.7, | 0.0);   |       |             |
| ( 394121.2, | 3811472.2, | 971.7,  | 2060.8, | 0.0); | ( 394144.5, |
| 3811469.6,  | 969.2,     | 2060.8, | 0.0);   |       |             |
| ( 394167.7, | 3811467.0, | 965.8,  | 2084.1, | 0.0); | ( 394191.0, |

```

3811464.4, 965.5, 2084.1, 0.0);
 (394214.2, 3811461.8, 967.0, 2084.1, 0.0); (394237.5,
3811459.3, 965.1, 2084.1, 0.0);
 (394260.7, 3811456.7, 965.3, 2084.1, 0.0); (394283.9,
3811454.1, 969.9, 2084.1, 0.0);
 (394307.2, 3811451.5, 974.4, 2084.1, 0.0); (394330.4,
3811449.0, 978.2, 2084.1, 0.0);
 (394353.7, 3811446.4, 983.8, 2084.1, 0.0); (394795.2,
3811397.4, 966.9, 2167.9, 0.0);
 (394818.5, 3811394.8, 968.7, 2167.9, 0.0); (394841.7,
3811392.3, 970.1, 2167.9, 0.0);
 (394865.0, 3811389.7, 969.3, 2167.9, 0.0); (394888.2,
3811387.1, 968.2, 2167.9, 0.0);
 (394911.5, 3811384.5, 968.2, 2167.9, 0.0); (394934.7,
3811382.0, 968.6, 2167.9, 0.0);
 (394957.9, 3811379.4, 969.0, 2167.9, 0.0); (394981.2,
3811376.8, 968.8, 2167.9, 0.0);
 (395004.4, 3811374.2, 967.6, 2167.9, 0.0); (395027.7,
3811371.7, 964.5, 2167.9, 0.0);
 (395050.9, 3811369.1, 958.5, 2167.9, 0.0); (395074.1,
3811366.5, 956.6, 2167.9, 0.0);
 (395097.4, 3811363.9, 955.7, 2167.9, 0.0); (395120.6,
3811361.3, 957.3, 2167.9, 0.0);
 (395143.9, 3811358.8, 960.4, 2167.9, 0.0); (395167.1,
3811356.2, 963.7, 2167.9, 0.0);
 (395190.3, 3811353.6, 967.5, 2167.9, 0.0); (395213.6,
3811351.0, 971.5, 2167.9, 0.0);
 (395236.8, 3811348.5, 973.8, 2167.9, 0.0); (395260.1,
3811345.9, 974.6, 2167.9, 0.0);
 (395283.3, 3811343.3, 977.6, 2167.9, 0.0); (395306.6,
3811340.7, 984.3, 2167.9, 0.0);
 (395329.8, 3811338.1, 987.8, 2167.9, 0.0); (395353.0,
3811335.6, 989.1, 2167.9, 0.0);
 (395376.3, 3811333.0, 989.1, 2167.9, 0.0); (395399.5,
3811330.4, 986.4, 2167.9, 0.0);
 (395422.8, 3811327.8, 984.4, 2167.9, 0.0); (395446.0,
3811325.3, 983.2, 2167.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 302

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395469.2, 3811322.7, 983.1, 2167.9, 0.0); (395492.5,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811320.1,  | 984.1,     | 2167.9, | 0.0);   |       |             |
| ( 395515.7, | 3811317.5, | 986.3,  | 2167.9, | 0.0); | ( 395539.0, |
| 3811315.0,  | 989.5,     | 2167.9, | 0.0);   |       |             |
| ( 395562.2, | 3811312.4, | 992.6,  | 2167.9, | 0.0); | ( 395585.5, |
| 3811309.8,  | 993.8,     | 2167.9, | 0.0);   |       |             |
| ( 395608.7, | 3811307.2, | 989.6,  | 2167.9, | 0.0); | ( 395631.9, |
| 3811304.6,  | 986.8,     | 2167.9, | 0.0);   |       |             |
| ( 395655.2, | 3811302.1, | 984.4,  | 2167.9, | 0.0); | ( 395678.4, |
| 3811299.5,  | 982.5,     | 2167.9, | 0.0);   |       |             |
| ( 395701.7, | 3811296.9, | 983.2,  | 2167.9, | 0.0); | ( 395724.9, |
| 3811294.3,  | 982.6,     | 2167.9, | 0.0);   |       |             |
| ( 395748.1, | 3811291.8, | 981.5,  | 2167.9, | 0.0); | ( 395771.4, |
| 3811289.2,  | 981.2,     | 2167.9, | 0.0);   |       |             |
| ( 395794.6, | 3811286.6, | 981.2,  | 2167.9, | 0.0); | ( 395817.9, |
| 3811284.0,  | 981.2,     | 2167.9, | 0.0);   |       |             |
| ( 395841.1, | 3811281.5, | 981.6,  | 2167.9, | 0.0); | ( 395864.3, |
| 3811278.9,  | 982.5,     | 2167.9, | 0.0);   |       |             |
| ( 395887.6, | 3811276.3, | 982.9,  | 2167.9, | 0.0); | ( 395910.8, |
| 3811273.7,  | 984.0,     | 2167.9, | 0.0);   |       |             |
| ( 395934.1, | 3811271.1, | 986.5,  | 2167.9, | 0.0); | ( 395957.3, |
| 3811268.6,  | 990.5,     | 2167.9, | 0.0);   |       |             |
| ( 395980.6, | 3811266.0, | 994.8,  | 2167.9, | 0.0); | ( 396003.8, |
| 3811263.4,  | 998.8,     | 2167.9, | 0.0);   |       |             |
| ( 396027.0, | 3811260.8, | 1004.6, | 2167.9, | 0.0); | ( 396050.3, |
| 3811258.3,  | 1009.4,    | 2167.9, | 0.0);   |       |             |
| ( 396073.5, | 3811255.7, | 1007.9, | 2167.9, | 0.0); | ( 396096.8, |
| 3811253.1,  | 1001.9,    | 2167.9, | 0.0);   |       |             |
| ( 396120.0, | 3811250.5, | 1001.4, | 2167.9, | 0.0); | ( 396143.2, |
| 3811247.9,  | 1002.2,    | 2167.9, | 0.0);   |       |             |
| ( 396166.5, | 3811245.4, | 1009.5, | 2167.9, | 0.0); | ( 396189.7, |
| 3811242.8,  | 1021.2,    | 2167.9, | 0.0);   |       |             |
| ( 396213.0, | 3811240.2, | 1028.0, | 2167.9, | 0.0); | ( 396236.2, |
| 3811237.6,  | 1027.3,    | 2167.9, | 0.0);   |       |             |
| ( 396259.5, | 3811235.1, | 1025.8, | 2167.9, | 0.0); | ( 389251.1, |
| 3815900.6,  | 845.1,     | 1980.1, | 0.0);   |       |             |
| ( 389250.3, | 3815924.0, | 845.4,  | 1980.1, | 0.0); | ( 389249.5, |
| 3815947.5,  | 845.6,     | 1980.1, | 0.0);   |       |             |
| ( 389248.8, | 3815971.0, | 845.9,  | 1979.8, | 0.0); | ( 389248.0, |
| 3815994.4,  | 846.3,     | 1956.1, | 0.0);   |       |             |
| ( 389247.2, | 3816017.9, | 846.6,  | 1956.1, | 0.0); | ( 389246.4, |
| 3816041.4,  | 847.0,     | 1955.9, | 0.0);   |       |             |
| ( 389245.6, | 3816064.9, | 847.3,  | 1953.2, | 0.0); | ( 389244.8, |
| 3816088.3,  | 847.7,     | 1937.2, | 0.0);   |       |             |
| ( 389244.0, | 3816111.8, | 848.3,  | 1937.2, | 0.0); | ( 389243.3, |
| 3816135.3,  | 850.5,     | 1937.2, | 0.0);   |       |             |
| ( 389242.5, | 3816158.8, | 852.1,  | 1937.2, | 0.0); | ( 389241.7, |
| 3816182.2,  | 852.5,     | 1937.2, | 0.0);   |       |             |
| ( 387929.9, | 3815835.5, | 915.3,  | 1255.1, | 0.0); | ( 387941.3, |
| 3815815.1,  | 912.6,     | 1255.1, | 0.0);   |       |             |
| ( 387952.8, | 3815794.6, | 909.3,  | 1255.1, | 0.0); | ( 387964.2, |

```

3815774.2, 905.6, 1255.1, 0.0);
 (387975.6, 3815753.8, 902.4, 1255.1, 0.0); (387987.0,
3815733.3, 899.1, 1255.1, 0.0);
 (387998.4, 3815712.9, 897.9, 1255.1, 0.0); (388009.8,
3815692.5, 897.1, 1255.1, 0.0);
 (388021.2, 3815672.0, 897.2, 1255.1, 0.0); (388032.6,
3815651.6, 897.8, 1255.1, 0.0);
 (388044.0, 3815631.2, 898.6, 1255.1, 0.0); (388055.4,
3815610.7, 899.0, 1255.1, 0.0);
 (388066.8, 3815590.3, 899.5, 1255.1, 0.0); (388078.2,
3815569.8, 900.0, 1255.1, 0.0);
 (388089.6, 3815549.4, 900.3, 1255.1, 0.0); (388101.0,
3815529.0, 900.4, 1255.1, 0.0);
 (388112.5, 3815508.5, 900.9, 1255.1, 0.0); (388123.8,
3815488.1, 902.0, 1937.2, 0.0);
 (388135.3, 3815467.7, 903.4, 1937.2, 0.0); (388146.7,
3815447.2, 904.7, 1937.2, 0.0);
 (388158.1, 3815426.8, 906.0, 1937.2, 0.0); (388169.5,
3815406.4, 907.3, 1937.2, 0.0);
 (388180.9, 3815385.9, 908.4, 1937.2, 0.0); (388192.3,
3815365.5, 909.8, 1937.2, 0.0);
 (388203.7, 3815345.1, 911.3, 1937.2, 0.0); (388215.1,
3815324.6, 912.8, 1937.2, 0.0);
 (388226.5, 3815304.2, 914.2, 1937.2, 0.0); (388237.9,
3815283.8, 915.0, 1937.2, 0.0);
 (388249.3, 3815263.3, 915.5, 1937.2, 0.0); (388260.7,
3815242.9, 915.6, 1937.2, 0.0);
 (388272.1, 3815222.4, 914.9, 1937.2, 0.0); (388283.5,
3815202.0, 913.6, 1937.2, 0.0);
 (388295.0, 3815181.6, 913.6, 1937.2, 0.0); (388306.4,
3815161.1, 914.6, 1937.2, 0.0);
 (388317.8, 3815140.7, 915.6, 1955.9, 0.0); (388329.2,
3815120.3, 915.5, 1955.9, 0.0);
 (388340.6, 3815099.8, 915.5, 1956.1, 0.0); (388352.0,
3815079.4, 915.2, 1956.1, 0.0);
 (388363.4, 3815058.9, 915.1, 1979.6, 0.0); (388374.8,
3815038.5, 915.3, 1979.8, 0.0);
 (388386.2, 3815018.1, 915.8, 1980.1, 0.0); (388397.6,
3814997.6, 917.4, 1980.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 303

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                       |       |             |
|---------------------------------------|-------|-------------|
| ( 388409.0, 3814977.2, 919.3, 1980.1, | 0.0); | ( 388420.4, |
| 3814956.8, 920.5, 1980.1, 0.0);       |       |             |
| ( 388431.8, 3814936.3, 921.7, 1980.1, | 0.0); | ( 388443.2, |
| 3814915.9, 924.9, 1980.1, 0.0);       |       |             |
| ( 388454.6, 3814895.5, 928.7, 1980.1, | 0.0); | ( 388466.1, |
| 3814875.0, 930.8, 1980.1, 0.0);       |       |             |
| ( 388477.5, 3814854.6, 932.3, 1980.1, | 0.0); | ( 388488.9, |
| 3814834.2, 934.2, 1980.1, 0.0);       |       |             |
| ( 388500.3, 3814813.7, 935.3, 1980.1, | 0.0); | ( 388511.7, |
| 3814793.3, 935.7, 1980.1, 0.0);       |       |             |
| ( 388523.1, 3814772.8, 933.5, 1980.1, | 0.0); | ( 388534.5, |
| 3814752.4, 929.3, 1980.1, 0.0);       |       |             |
| ( 388545.9, 3814732.0, 927.4, 1981.6, | 0.0); | ( 388557.3, |
| 3814711.5, 929.2, 1981.6, 0.0);       |       |             |
| ( 388568.7, 3814691.1, 931.5, 1981.6, | 0.0); | ( 388580.1, |
| 3814670.7, 931.2, 1985.5, 0.0);       |       |             |
| ( 388591.5, 3814650.2, 930.6, 1989.5, | 0.0); | ( 388602.9, |
| 3814629.8, 934.1, 1988.2, 0.0);       |       |             |
| ( 388614.3, 3814609.4, 937.1, 1988.2, | 0.0); | ( 388625.8, |
| 3814588.9, 934.9, 1989.7, 0.0);       |       |             |
| ( 388637.2, 3814568.5, 933.9, 1989.7, | 0.0); | ( 388648.6, |
| 3814548.1, 935.9, 1989.7, 0.0);       |       |             |
| ( 388660.0, 3814527.6, 935.3, 1989.7, | 0.0); | ( 388671.4, |
| 3814507.2, 935.9, 1989.7, 0.0);       |       |             |
| ( 388682.8, 3814486.8, 937.4, 1989.7, | 0.0); | ( 388694.2, |
| 3814466.3, 933.0, 1989.7, 0.0);       |       |             |
| ( 388705.6, 3814445.9, 928.5, 1989.7, | 0.0); | ( 388717.0, |
| 3814425.4, 925.2, 1989.7, 0.0);       |       |             |
| ( 388728.4, 3814405.0, 924.1, 1989.7, | 0.0); | ( 388739.8, |
| 3814384.6, 923.9, 1989.7, 0.0);       |       |             |
| ( 388751.2, 3814364.1, 925.4, 1989.7, | 0.0); | ( 388762.6, |
| 3814343.7, 927.0, 1989.7, 0.0);       |       |             |
| ( 388774.0, 3814323.3, 926.8, 1989.7, | 0.0); | ( 388785.5, |
| 3814302.8, 925.5, 1989.7, 0.0);       |       |             |
| ( 388796.8, 3814282.4, 923.9, 1989.7, | 0.0); | ( 388808.3, |
| 3814262.0, 922.6, 1989.7, 0.0);       |       |             |
| ( 388819.7, 3814241.5, 924.2, 1989.7, | 0.0); | ( 388831.1, |
| 3814221.1, 928.1, 1989.7, 0.0);       |       |             |
| ( 388842.5, 3814200.6, 933.0, 1989.7, | 0.0); | ( 388853.9, |
| 3814180.2, 934.3, 1989.7, 0.0);       |       |             |
| ( 388865.3, 3814159.8, 933.5, 1989.7, | 0.0); | ( 388876.7, |
| 3814139.3, 930.2, 1989.7, 0.0);       |       |             |
| ( 388888.1, 3814118.9, 926.8, 1989.7, | 0.0); | ( 388899.5, |
| 3814098.5, 925.0, 1989.7, 0.0);       |       |             |
| ( 388910.9, 3814078.0, 927.7, 1989.7, | 0.0); | ( 388922.3, |
| 3814057.6, 931.8, 1989.7, 0.0);       |       |             |
| ( 388933.7, 3814037.2, 933.8, 1989.7, | 0.0); | ( 388945.1, |
| 3814016.7, 933.4, 1989.7, 0.0);       |       |             |
| ( 388956.5, 3813996.3, 931.2, 1989.7, | 0.0); | ( 388968.0, |

```

3813975.9, 928.7, 1989.7, 0.0);
 (388979.4, 3813955.4, 926.8, 1989.7, 0.0); (388990.8,
3813935.0, 925.0, 1989.7, 0.0);
 (389002.2, 3813914.5, 923.1, 1989.7, 0.0); (389013.6,
3813894.1, 922.2, 1989.7, 0.0);
 (389025.0, 3813873.7, 921.9, 1989.7, 0.0); (389036.4,
3813853.2, 920.6, 1989.7, 0.0);
 (389047.8, 3813832.8, 919.2, 1989.7, 0.0); (389059.2,
3813812.4, 917.4, 1989.7, 0.0);
 (389070.6, 3813791.9, 914.7, 1989.7, 0.0); (389082.0,
3813771.5, 911.3, 1989.7, 0.0);
 (389093.4, 3813751.1, 906.4, 1989.7, 0.0); (389104.8,
3813730.6, 903.4, 1989.7, 0.0);
 (389116.2, 3813710.2, 901.8, 1989.7, 0.0); (389127.6,
3813689.8, 903.1, 1989.7, 0.0);
 (389139.1, 3813669.3, 901.1, 1989.7, 0.0); (389150.5,
3813648.9, 897.0, 1989.7, 0.0);
 (389161.9, 3813628.4, 888.5, 1989.7, 0.0); (389173.3,
3813608.0, 882.7, 1989.7, 0.0);
 (389184.7, 3813587.6, 878.0, 1989.7, 0.0); (389196.1,
3813567.1, 875.9, 1989.7, 0.0);
 (389207.5, 3813546.7, 874.3, 1989.7, 0.0); (389218.9,
3813526.3, 873.0, 1989.7, 0.0);
 (389230.3, 3813505.8, 873.2, 1989.7, 0.0); (389241.7,
3813485.4, 871.4, 1989.7, 0.0);
 (389253.1, 3813465.0, 869.5, 1989.7, 0.0); (389264.5,
3813444.5, 869.6, 1989.7, 0.0);
 (389275.9, 3813424.1, 866.8, 1989.7, 0.0); (389287.3,
3813403.6, 863.5, 1989.7, 0.0);
 (389298.8, 3813383.2, 859.7, 1989.7, 0.0); (389310.2,
3813362.8, 858.1, 1989.7, 0.0);
 (389321.6, 3813342.3, 857.0, 1989.7, 0.0); (389333.0,
3813321.9, 852.6, 1989.7, 0.0);
 (389344.4, 3813301.5, 850.4, 1989.7, 0.0); (389355.8,
3813281.0, 848.5, 1989.7, 0.0);
 (389367.2, 3813260.6, 844.8, 1989.7, 0.0); (389378.6,
3813240.2, 842.5, 1989.7, 0.0);
 (389390.0, 3813219.7, 840.6, 1989.7, 0.0); (389401.4,
3813199.3, 836.1, 1989.7, 0.0);
 (389412.8, 3813178.9, 833.2, 1989.7, 0.0); (389424.2,
3813158.4, 830.1, 1989.7, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 304

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 389435.6, 3813138.0, 829.1, 1989.7, 0.0); | ( 389447.0, |
| 3813117.5, 828.5, 1989.7, 0.0);             |             |
| ( 389458.5, 3813097.1, 827.4, 1989.7, 0.0); | ( 389469.8, |
| 3813076.7, 825.5, 1989.7, 0.0);             |             |
| ( 389481.3, 3813056.2, 823.8, 1989.7, 0.0); | ( 389492.7, |
| 3813035.8, 821.6, 1989.7, 0.0);             |             |
| ( 389504.1, 3813015.4, 819.1, 1989.7, 0.0); | ( 389515.5, |
| 3812994.9, 816.9, 1989.7, 0.0);             |             |
| ( 389526.9, 3812974.5, 814.5, 1989.7, 0.0); | ( 389538.3, |
| 3812954.1, 812.4, 1989.7, 0.0);             |             |
| ( 389549.7, 3812933.6, 809.9, 1989.7, 0.0); | ( 389561.1, |
| 3812913.2, 806.4, 1989.7, 0.0);             |             |
| ( 389572.5, 3812892.8, 803.4, 1989.7, 0.0); | ( 389583.9, |
| 3812872.3, 800.6, 1989.7, 0.0);             |             |
| ( 389595.3, 3812851.9, 798.9, 1989.7, 0.0); | ( 389606.7, |
| 3812831.4, 797.9, 1989.7, 0.0);             |             |
| ( 389618.1, 3812811.0, 797.3, 1989.7, 0.0); | ( 389629.5, |
| 3812790.6, 797.0, 1989.7, 0.0);             |             |
| ( 389641.0, 3812770.1, 797.1, 1989.7, 0.0); | ( 389652.4, |
| 3812749.7, 797.1, 1989.7, 0.0);             |             |
| ( 389663.8, 3812729.3, 797.1, 1989.7, 0.0); | ( 389675.2, |
| 3812708.8, 796.7, 1989.7, 0.0);             |             |
| ( 389686.6, 3812688.4, 796.1, 1989.7, 0.0); | ( 389698.0, |
| 3812668.0, 796.4, 1989.7, 0.0);             |             |
| ( 389709.4, 3812647.5, 796.9, 1989.7, 0.0); | ( 389720.8, |
| 3812627.1, 797.1, 1989.7, 0.0);             |             |
| ( 389732.2, 3812606.6, 797.0, 1989.7, 0.0); | ( 389743.6, |
| 3812586.2, 796.9, 1989.7, 0.0);             |             |
| ( 389755.0, 3812565.8, 796.8, 1989.7, 0.0); | ( 389766.4, |
| 3812545.3, 796.6, 1989.7, 0.0);             |             |
| ( 389777.8, 3812524.9, 796.6, 1989.7, 0.0); | ( 389789.2, |
| 3812504.5, 796.6, 1989.7, 0.0);             |             |
| ( 389800.6, 3812484.0, 796.7, 1989.7, 0.0); | ( 389812.1, |
| 3812463.6, 796.7, 1989.7, 0.0);             |             |
| ( 389823.5, 3812443.2, 796.5, 1989.7, 0.0); | ( 389834.9, |
| 3812422.7, 797.6, 1989.7, 0.0);             |             |
| ( 389846.3, 3812402.3, 799.7, 1989.7, 0.0); | ( 389857.7, |
| 3812381.9, 802.6, 1989.7, 0.0);             |             |
| ( 389869.1, 3812361.4, 803.5, 1989.7, 0.0); | ( 389880.5, |
| 3812341.0, 804.2, 1989.7, 0.0);             |             |
| ( 389891.9, 3812320.5, 804.3, 1989.7, 0.0); | ( 389903.3, |
| 3812300.1, 804.2, 1989.7, 0.0);             |             |
| ( 389914.7, 3812279.7, 804.2, 1989.7, 0.0); | ( 389926.1, |
| 3812259.2, 804.5, 1989.7, 0.0);             |             |
| ( 389937.5, 3812238.8, 805.1, 1989.7, 0.0); | ( 389948.9, |
| 3812218.4, 805.7, 1989.7, 0.0);             |             |
| ( 389960.3, 3812197.9, 806.4, 1989.7, 0.0); | ( 389971.8, |

```

3812177.5, 807.2, 1989.7, 0.0);
(389983.2, 3812157.1, 808.0, 1989.7, 0.0); (389994.6,
3812136.6, 808.6, 1989.7, 0.0);
(390006.0, 3812116.2, 809.3, 1989.7, 0.0); (390017.4,
3812095.8, 810.0, 1989.7, 0.0);
(390028.8, 3812075.3, 810.9, 1989.7, 0.0); (390040.2,
3812054.9, 811.9, 1989.7, 0.0);
(390051.6, 3812034.4, 812.9, 1989.7, 0.0); (390063.0,
3812014.0, 814.2, 1989.7, 0.0);
(390074.4, 3811993.6, 816.1, 1989.7, 0.0); (390085.8,
3811973.1, 818.6, 1989.7, 0.0);
(390097.2, 3811952.7, 818.7, 1989.7, 0.0); (390108.6,
3811932.3, 817.0, 1989.7, 0.0);
(390120.0, 3811911.8, 814.4, 1989.7, 0.0); (390131.5,
3811891.4, 814.0, 1989.7, 0.0);
(390142.8, 3811871.0, 814.4, 1989.7, 0.0); (390154.3,
3811850.5, 815.7, 1989.7, 0.0);
(390165.7, 3811830.1, 817.0, 1989.7, 0.0); (390177.1,
3811809.7, 818.5, 1989.7, 0.0);
(390188.5, 3811789.2, 819.0, 1989.7, 0.0); (390199.9,
3811768.8, 820.0, 1989.7, 0.0);
(390211.3, 3811748.3, 821.8, 1989.7, 0.0); (390222.7,
3811727.9, 823.6, 1989.7, 0.0);
(390234.1, 3811707.5, 826.2, 1989.7, 0.0); (390245.5,
3811687.0, 829.3, 1989.7, 0.0);
(390256.9, 3811666.6, 832.0, 1989.7, 0.0); (390268.3,
3811646.2, 836.1, 1989.7, 0.0);
(390279.7, 3811625.7, 838.0, 1989.7, 0.0); (390291.1,
3811605.3, 836.1, 1989.7, 0.0);
(390302.5, 3811584.9, 834.4, 1989.7, 0.0); (390314.0,
3811564.4, 833.5, 1989.7, 0.0);
(390325.4, 3811544.0, 833.2, 1989.7, 0.0); (390336.8,
3811523.6, 833.8, 1989.7, 0.0);
(390348.2, 3811503.1, 833.0, 1989.7, 0.0); (390359.6,
3811482.7, 830.8, 1989.7, 0.0);
(390371.0, 3811462.2, 828.6, 1989.7, 0.0); (390382.4,
3811441.8, 828.6, 1989.7, 0.0);
(390393.8, 3811421.4, 830.2, 1989.7, 0.0); (390405.2,
3811400.9, 833.4, 1989.7, 0.0);
(390416.6, 3811380.5, 835.7, 1989.7, 0.0); (390428.0,
3811360.1, 839.6, 1989.7, 0.0);
(390439.4, 3811339.6, 841.8, 1989.7, 0.0); (390450.8,
3811319.2, 844.1, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 305

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 390462.2, 3811298.8, 845.2, 1989.7, 0.0); | ( 390473.6, |
| 3811278.3, 845.5, 1989.7, 0.0);             |             |
| ( 390485.1, 3811257.9, 845.5, 1989.7, 0.0); | ( 390496.5, |
| 3811237.4, 845.4, 1989.7, 0.0);             |             |
| ( 390507.9, 3811217.0, 846.5, 1989.7, 0.0); | ( 390519.3, |
| 3811196.6, 848.0, 1989.7, 0.0);             |             |
| ( 390530.7, 3811176.1, 849.8, 1989.7, 0.0); | ( 390542.1, |
| 3811155.7, 851.6, 1989.7, 0.0);             |             |
| ( 390553.5, 3811135.3, 853.4, 1989.7, 0.0); | ( 390564.9, |
| 3811114.8, 854.5, 1989.7, 0.0);             |             |
| ( 390576.3, 3811094.4, 854.8, 1989.7, 0.0); | ( 390587.7, |
| 3811074.0, 854.4, 1989.7, 0.0);             |             |
| ( 390599.1, 3811053.5, 853.5, 1989.7, 0.0); | ( 390610.5, |
| 3811033.1, 853.4, 1989.7, 0.0);             |             |
| ( 390621.9, 3811012.7, 854.0, 1989.7, 0.0); | ( 390633.3, |
| 3810992.2, 855.1, 1989.7, 0.0);             |             |
| ( 390644.8, 3810971.8, 856.5, 1989.7, 0.0); | ( 390656.2, |
| 3810951.3, 857.6, 1989.7, 0.0);             |             |
| ( 390667.6, 3810930.9, 859.4, 1989.7, 0.0); | ( 390679.0, |
| 3810910.5, 863.0, 1989.7, 0.0);             |             |
| ( 390690.4, 3810890.0, 867.7, 1989.7, 0.0); | ( 390701.8, |
| 3810869.6, 873.9, 1989.7, 0.0);             |             |
| ( 390713.2, 3810849.2, 878.0, 1989.7, 0.0); | ( 390724.6, |
| 3810828.7, 880.0, 1989.7, 0.0);             |             |
| ( 390736.0, 3810808.3, 879.2, 1989.7, 0.0); | ( 390747.4, |
| 3810787.9, 877.9, 1989.7, 0.0);             |             |
| ( 390758.8, 3810767.4, 877.0, 1989.7, 0.0); | ( 390770.2, |
| 3810747.0, 877.9, 1989.7, 0.0);             |             |
| ( 390781.6, 3810726.6, 879.8, 1989.7, 0.0); | ( 390793.0, |
| 3810706.1, 882.5, 1989.7, 0.0);             |             |
| ( 390804.5, 3810685.7, 887.0, 1989.7, 0.0); | ( 390815.8, |
| 3810665.2, 891.5, 1989.7, 0.0);             |             |
| ( 390850.5, 3810642.2, 893.6, 1989.7, 0.0); | ( 390873.8, |
| 3810639.7, 892.5, 1989.7, 0.0);             |             |
| ( 390897.0, 3810637.1, 893.3, 1989.7, 0.0); | ( 390920.3, |
| 3810634.5, 894.3, 1989.7, 0.0);             |             |
| ( 390943.6, 3810631.9, 896.0, 1989.7, 0.0); | ( 390966.8, |
| 3810629.3, 898.3, 1989.7, 0.0);             |             |
| ( 390990.1, 3810626.8, 899.4, 1989.7, 0.0); | ( 391013.3, |
| 3810624.2, 898.0, 1989.7, 0.0);             |             |
| ( 391036.6, 3810621.6, 896.9, 1989.7, 0.0); | ( 391059.9, |
| 3810619.0, 897.6, 1989.7, 0.0);             |             |
| ( 391083.1, 3810616.4, 895.3, 1989.7, 0.0); | ( 391106.4, |
| 3810613.9, 895.9, 1989.7, 0.0);             |             |
| ( 391129.7, 3810611.3, 898.9, 1989.7, 0.0); | ( 391152.9, |

```

3810608.7, 901.0, 1989.7, 0.0);
 (391176.2, 3810606.1, 904.4, 1989.7, 0.0); (391199.4,
3810603.5, 908.8, 1989.7, 0.0);
 (391222.7, 3810601.0, 914.6, 1989.7, 0.0); (391246.0,
3810598.4, 922.6, 1989.7, 0.0);
 (391269.2, 3810595.8, 933.0, 1989.7, 0.0); (391292.5,
3810593.2, 943.9, 1989.7, 0.0);
 (391315.8, 3810590.6, 954.4, 1989.7, 0.0); (391339.0,
3810588.1, 965.5, 1989.7, 0.0);
 (391362.3, 3810585.5, 977.9, 1989.7, 0.0); (391385.5,
3810582.9, 991.6, 1989.7, 0.0);
 (391408.8, 3810580.3, 1005.9, 1989.7, 0.0); (391432.0,
3810577.8, 1019.6, 1989.7, 0.0);
 (391455.3, 3810575.2, 1029.7, 1989.7, 0.0); (391478.6,
3810572.6, 1032.3, 1989.7, 0.0);
 (391501.8, 3810570.0, 1028.8, 1989.7, 0.0); (391525.1,
3810567.4, 1022.6, 1989.7, 0.0);
 (391548.4, 3810564.9, 1014.6, 1989.7, 0.0); (391571.6,
3810562.3, 1005.0, 1989.7, 0.0);
 (391594.9, 3810559.7, 995.6, 1989.7, 0.0); (391618.1,
3810557.1, 990.7, 1989.7, 0.0);
 (391641.4, 3810554.5, 984.5, 1989.7, 0.0); (391664.7,
3810552.0, 978.8, 1989.7, 0.0);
 (391687.9, 3810549.4, 977.8, 1989.7, 0.0); (391711.2,
3810546.8, 981.0, 1989.7, 0.0);
 (391734.5, 3810544.2, 986.8, 1989.7, 0.0); (391757.7,
3810541.6, 994.4, 1989.7, 0.0);
 (391781.0, 3810539.1, 1003.8, 1989.7, 0.0); (391804.2,
3810536.5, 1009.6, 1989.7, 0.0);
 (391827.5, 3810533.9, 1007.8, 1989.7, 0.0); (391850.8,
3810531.3, 1002.7, 1989.7, 0.0);
 (391874.0, 3810528.8, 998.0, 1989.7, 0.0); (391897.3,
3810526.2, 992.7, 1989.7, 0.0);
 (391920.5, 3810523.6, 986.8, 1989.7, 0.0); (391943.8,
3810521.0, 982.6, 1989.7, 0.0);
 (391967.1, 3810518.4, 978.2, 1989.7, 0.0); (391990.3,
3810515.8, 973.8, 1989.7, 0.0);
 (392013.6, 3810513.3, 968.2, 1989.7, 0.0); (392036.8,
3810510.7, 962.9, 1989.7, 0.0);
 (392060.1, 3810508.1, 961.3, 1989.7, 0.0); (392083.4,
3810505.5, 961.8, 1989.7, 0.0);
 (392106.6, 3810502.9, 959.8, 1989.7, 0.0); (392129.9,
3810500.4, 962.3, 1989.7, 0.0);
 (392153.1, 3810497.8, 966.4, 1989.7, 0.0); (392176.4,
3810495.2, 971.8, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 392199.7, 3810492.6, 979.7, 1989.7, 0.0);  | ( 392222.9, |
| 3810490.1, 986.4, 1989.7, 0.0);              |             |
| ( 392246.2, 3810487.5, 987.5, 1989.7, 0.0);  | ( 392269.5, |
| 3810484.9, 982.5, 1989.7, 0.0);              |             |
| ( 392292.7, 3810482.3, 976.3, 1989.7, 0.0);  | ( 392316.0, |
| 3810479.7, 972.6, 1989.7, 0.0);              |             |
| ( 392339.2, 3810477.2, 969.7, 1989.7, 0.0);  | ( 392362.5, |
| 3810474.6, 966.3, 1989.7, 0.0);              |             |
| ( 392385.8, 3810472.0, 966.4, 1989.7, 0.0);  | ( 392409.0, |
| 3810469.4, 967.1, 1989.7, 0.0);              |             |
| ( 392432.3, 3810466.8, 966.5, 1989.7, 0.0);  | ( 392455.5, |
| 3810464.3, 966.3, 1989.7, 0.0);              |             |
| ( 392478.8, 3810461.7, 967.7, 1989.7, 0.0);  | ( 392502.1, |
| 3810459.1, 970.5, 1989.7, 0.0);              |             |
| ( 392525.3, 3810456.5, 973.6, 1989.7, 0.0);  | ( 392548.6, |
| 3810453.9, 976.8, 1989.7, 0.0);              |             |
| ( 392571.8, 3810451.4, 980.1, 1989.7, 0.0);  | ( 392595.1, |
| 3810448.8, 984.0, 1989.7, 0.0);              |             |
| ( 392618.4, 3810446.2, 988.8, 1989.7, 0.0);  | ( 392641.6, |
| 3810443.6, 993.2, 1989.7, 0.0);              |             |
| ( 392664.9, 3810441.0, 998.0, 1989.7, 0.0);  | ( 392688.2, |
| 3810438.5, 1003.6, 1989.7, 0.0);             |             |
| ( 392711.4, 3810435.9, 1004.5, 1989.7, 0.0); | ( 392734.7, |
| 3810433.3, 1003.5, 1989.7, 0.0);             |             |
| ( 392757.9, 3810430.7, 1001.3, 1989.7, 0.0); | ( 392781.2, |
| 3810428.1, 998.4, 1989.7, 0.0);              |             |
| ( 392804.5, 3810425.6, 994.7, 1989.7, 0.0);  | ( 392827.7, |
| 3810423.0, 991.5, 1989.7, 0.0);              |             |
| ( 392851.0, 3810420.4, 989.2, 1989.7, 0.0);  | ( 392874.2, |
| 3810417.8, 988.2, 1989.7, 0.0);              |             |
| ( 392897.5, 3810415.3, 990.6, 1989.7, 0.0);  | ( 392920.8, |
| 3810412.7, 994.9, 1989.7, 0.0);              |             |
| ( 392944.0, 3810410.1, 994.3, 1989.7, 0.0);  | ( 392967.3, |
| 3810407.5, 991.3, 1989.7, 0.0);              |             |
| ( 392990.6, 3810404.9, 995.1, 1989.7, 0.0);  | ( 393013.8, |
| 3810402.4, 1001.4, 1989.7, 0.0);             |             |
| ( 393037.1, 3810399.8, 1005.4, 1989.7, 0.0); | ( 393060.3, |
| 3810397.2, 1007.6, 1989.7, 0.0);             |             |
| ( 393083.6, 3810394.6, 1009.8, 1989.7, 0.0); | ( 393106.9, |
| 3810392.0, 1011.4, 1989.7, 0.0);             |             |
| ( 393130.1, 3810389.5, 1011.2, 1989.7, 0.0); | ( 393153.4, |
| 3810386.9, 1009.8, 1989.7, 0.0);             |             |
| ( 393176.6, 3810384.3, 1008.4, 1989.7, 0.0); | ( 393199.9, |



\*\*\*

17:54:19

PAGE 307

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
| ( 394688.6, 3810216.6, 1031.5, 2084.1, 0.0); | ( 394711.9, 3810214.1, 1032.0, 2084.9, 0.0); |
| ( 394735.1, 3810211.5, 1033.4, 2084.9, 0.0); | ( 394758.4, 3810208.9, 1035.6, 2084.9, 0.0); |
| ( 394781.7, 3810206.3, 1038.5, 2084.9, 0.0); | ( 394804.9, 3810203.8, 1040.5, 2084.9, 0.0); |
| ( 394828.2, 3810201.2, 1040.0, 2084.9, 0.0); | ( 394851.5, 3810198.6, 1039.5, 2084.9, 0.0); |
| ( 394874.7, 3810196.0, 1043.3, 2084.9, 0.0); | ( 394898.0, 3810193.4, 1047.2, 2084.9, 0.0); |
| ( 394921.2, 3810190.8, 1047.1, 2084.9, 0.0); | ( 394944.5, 3810188.3, 1043.9, 2167.9, 0.0); |
| ( 394967.8, 3810185.7, 1041.3, 2167.9, 0.0); | ( 394991.0, 3810183.1, 1041.6, 2167.9, 0.0); |
| ( 395014.3, 3810180.5, 1043.5, 2167.9, 0.0); | ( 395037.5, 3810178.0, 1046.5, 2167.9, 0.0); |
| ( 395060.8, 3810175.4, 1052.0, 2167.9, 0.0); | ( 395084.1, 3810172.8, 1058.4, 2167.1, 0.0); |
| ( 395107.3, 3810170.2, 1064.0, 2084.9, 0.0); | ( 395130.6, 3810167.6, 1066.6, 2084.9, 0.0); |
| ( 395153.8, 3810165.1, 1066.0, 2167.1, 0.0); | ( 395177.1, 3810162.5, 1061.0, 2167.9, 0.0); |
| ( 395200.4, 3810159.9, 1058.6, 2167.9, 0.0); | ( 395223.6, 3810157.3, 1061.6, 2167.9, 0.0); |
| ( 395246.9, 3810154.7, 1067.1, 2167.9, 0.0); | ( 395270.2, 3810152.2, 1072.4, 2167.9, 0.0); |
| ( 395293.4, 3810149.6, 1075.3, 2167.9, 0.0); | ( 395316.7, 3810147.0, 1077.8, 2167.9, 0.0); |
| ( 395339.9, 3810144.4, 1082.9, 2167.1, 0.0); | ( 395363.2, 3810141.8, 1090.7, 2084.9, 0.0); |
| ( 395386.5, 3810139.3, 1096.6, 2084.1, 0.0); | ( 395409.7, 3810136.7, 1102.8, 2084.1, 0.0); |
| ( 395433.0, 3810134.1, 1110.6, 2084.1, 0.0); | ( 395456.2, 3810131.5, 1118.5, 2084.1, 0.0); |
| ( 395479.5, 3810128.9, 1126.3, 2084.1, 0.0); | ( 395502.8, 3810126.4, 1133.9, 2084.1, 0.0); |
| ( 395526.0, 3810123.8, 1140.2, 2084.1, 0.0); | ( 395549.3, 3810121.2, 1143.4, 2084.1, 0.0); |
| ( 395572.5, 3810118.6, 1142.0, 2084.1, 0.0); | ( 395595.8, 3810116.0, 1138.5, 2084.1, 0.0); |
| ( 395619.1, 3810113.5, 1133.1, 2084.1, 0.0); | ( 395642.3, 3810110.0, 1130.0, 2084.1, 0.0); |

```

3810110.9, 1131.5, 2084.1, 0.0);
(395665.6, 3810108.3, 1131.7, 2084.1, 0.0); (395688.9,
3810105.7, 1134.2, 2084.1, 0.0);
(395712.1, 3810103.2, 1140.6, 2084.1, 0.0); (395735.4,
3810100.6, 1149.2, 2084.1, 0.0);
(395758.6, 3810098.0, 1157.5, 2084.1, 0.0); (395781.9,
3810095.4, 1163.8, 2084.1, 0.0);
(395805.2, 3810092.8, 1165.2, 2084.1, 0.0); (395828.4,
3810090.3, 1162.7, 2084.1, 0.0);
(395851.7, 3810087.7, 1155.1, 2084.1, 0.0); (395875.0,
3810085.1, 1145.0, 2084.1, 0.0);
(395898.2, 3810082.5, 1136.0, 2166.5, 0.0); (395921.5,
3810079.9, 1127.8, 2167.9, 0.0);
(395944.7, 3810077.4, 1121.2, 2167.9, 0.0); (395968.0,
3810074.8, 1115.9, 2167.9, 0.0);
(395991.2, 3810072.2, 1111.7, 2167.9, 0.0); (396014.5,
3810069.6, 1108.4, 2167.9, 0.0);
(396037.8, 3810067.0, 1105.7, 2167.9, 0.0); (396061.0,
3810064.5, 1103.1, 2167.9, 0.0);
(396084.3, 3810061.9, 1100.5, 2167.9, 0.0); (396107.6,
3810059.3, 1097.6, 2167.9, 0.0);
(396130.8, 3810056.7, 1094.3, 2167.9, 0.0); (396154.1,
3810054.1, 1089.7, 2167.9, 0.0);
(396177.3, 3810051.6, 1086.3, 2167.9, 0.0); (396200.6,
3810049.0, 1083.2, 2167.9, 0.0);
(396223.9, 3810046.4, 1081.0, 2167.9, 0.0); (396247.1,
3810043.8, 1081.5, 2167.9, 0.0);
(396270.4, 3810041.2, 1083.2, 2167.9, 0.0); (396293.6,
3810038.7, 1083.3, 2167.9, 0.0);
(396316.9, 3810036.1, 1081.3, 2167.9, 0.0); (396340.2,
3810033.5, 1078.8, 2167.9, 0.0);
(396363.4, 3810030.9, 1077.9, 2167.9, 0.0); (396386.7,
3810028.4, 1081.1, 2167.9, 0.0);
(396410.0, 3810025.8, 1079.2, 2167.9, 0.0); (396433.2,
3810023.2, 1070.4, 2167.9, 0.0);
(396456.5, 3810020.6, 1059.7, 2167.9, 0.0); (396479.7,
3810018.0, 1052.3, 2167.9, 0.0);
(396503.0, 3810015.5, 1048.8, 2167.9, 0.0); (396526.3,
3810012.9, 1051.4, 2167.9, 0.0);
(396549.5, 3810010.3, 1056.7, 2167.9, 0.0); (396572.8,
3810007.7, 1059.4, 2167.9, 0.0);
(396596.0, 3810005.1, 1059.3, 2167.9, 0.0); (396619.3,
3810002.6, 1060.3, 2167.9, 0.0);
(396642.6, 3810000.0, 1061.7, 2167.9, 0.0); (396665.8,
3809997.4, 1063.5, 2167.9, 0.0);
(396689.1, 3809994.8, 1065.9, 2167.9, 0.0); (396712.3,
3809992.2, 1066.2, 2167.9, 0.0);
(396735.6, 3809989.7, 1065.7, 2167.9, 0.0); (387918.5,
3815855.9, 918.4, 1255.1, 0.0);

```

Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 308

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 387917.8, 3815879.4, 922.9, 1255.1, 0.0);  | ( 387917.0, |
| 3815902.9, 926.9, 1255.1, 0.0);              |             |
| ( 387916.2, 3815926.4, 929.6, 1255.1, 0.0);  | ( 387915.4, |
| 3815949.8, 930.9, 1255.1, 0.0);              |             |
| ( 387914.6, 3815973.3, 929.5, 1255.1, 0.0);  | ( 387913.8, |
| 3815996.8, 924.9, 1255.1, 0.0);              |             |
| ( 387913.0, 3816020.3, 919.8, 1255.1, 0.0);  | ( 387912.2, |
| 3816043.7, 915.7, 1255.1, 0.0);              |             |
| ( 387911.5, 3816067.2, 913.8, 1255.1, 0.0);  | ( 387910.7, |
| 3816090.7, 913.8, 1255.1, 0.0);              |             |
| ( 387909.9, 3816114.1, 915.0, 1255.1, 0.0);  | ( 387909.1, |
| 3816137.6, 917.3, 1255.1, 0.0);              |             |
| ( 386597.4, 3815790.9, 1035.5, 1101.8, 0.0); | ( 386608.8, |
| 3815770.4, 1045.8, 1101.8, 0.0);             |             |
| ( 386620.2, 3815750.0, 1056.1, 1101.8, 0.0); | ( 386631.6, |
| 3815729.5, 1063.5, 1101.8, 0.0);             |             |
| ( 386643.0, 3815709.1, 1066.7, 1101.8, 0.0); | ( 386654.4, |
| 3815688.6, 1062.5, 1101.8, 0.0);             |             |
| ( 386665.8, 3815668.2, 1057.4, 1101.8, 0.0); | ( 386677.2, |
| 3815647.8, 1054.2, 1101.8, 0.0);             |             |
| ( 386688.7, 3815627.3, 1054.5, 1101.8, 0.0); | ( 386700.1, |
| 3815606.9, 1052.8, 1101.8, 0.0);             |             |
| ( 386711.5, 3815586.4, 1052.0, 1101.8, 0.0); | ( 386722.9, |
| 3815566.0, 1053.6, 1101.8, 0.0);             |             |
| ( 386734.3, 3815545.5, 1056.1, 1101.8, 0.0); | ( 386745.7, |
| 3815525.1, 1056.2, 1101.8, 0.0);             |             |
| ( 386757.1, 3815504.6, 1050.9, 1101.8, 0.0); | ( 386768.6, |
| 3815484.2, 1043.6, 1255.1, 0.0);             |             |
| ( 386780.0, 3815463.7, 1036.9, 1255.1, 0.0); | ( 386791.4, |
| 3815443.3, 1031.9, 1255.1, 0.0);             |             |
| ( 386802.8, 3815422.8, 1026.4, 1255.1, 0.0); | ( 386814.2, |
| 3815402.4, 1021.4, 1255.1, 0.0);             |             |
| ( 386825.6, 3815381.9, 1014.3, 1255.1, 0.0); | ( 386837.0, |
| 3815361.5, 1008.0, 1255.1, 0.0);             |             |
| ( 386848.5, 3815341.0, 1002.1, 1255.1, 0.0); | ( 386859.9, |
| 3815320.6, 996.5, 1255.1, 0.0);              |             |
| ( 386871.3, 3815300.1, 991.6, 1255.1, 0.0);  | ( 386882.7, |
| 3815279.7, 987.0, 1255.1, 0.0);              |             |
| ( 386894.1, 3815259.3, 983.4, 1255.1, 0.0);  | ( 386905.5, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815238.8,  | 981.1,     | 1255.1, | 0.0);   |       |             |
| ( 386916.9, | 3815218.4, | 981.1,  | 1255.1, | 0.0); | ( 386928.3, |
| 3815197.9,  | 980.4,     | 1255.1, | 0.0);   |       |             |
| ( 386939.8, | 3815177.5, | 979.4,  | 1255.1, | 0.0); | ( 386951.2, |
| 3815157.0,  | 977.4,     | 1255.1, | 0.0);   |       |             |
| ( 386962.6, | 3815136.6, | 979.3,  | 1255.1, | 0.0); | ( 386974.0, |
| 3815116.1,  | 981.2,     | 1255.1, | 0.0);   |       |             |
| ( 386985.4, | 3815095.7, | 982.5,  | 1255.1, | 0.0); | ( 386996.8, |
| 3815075.2,  | 981.8,     | 1255.1, | 0.0);   |       |             |
| ( 387008.2, | 3815054.8, | 980.1,  | 1255.1, | 0.0); | ( 387019.6, |
| 3815034.3,  | 977.3,     | 1255.1, | 0.0);   |       |             |
| ( 387031.1, | 3815013.9, | 975.2,  | 1255.1, | 0.0); | ( 387042.5, |
| 3814993.4,  | 974.7,     | 1255.1, | 0.0);   |       |             |
| ( 387053.9, | 3814973.0, | 974.7,  | 1255.1, | 0.0); | ( 387065.3, |
| 3814952.5,  | 972.2,     | 1255.1, | 0.0);   |       |             |
| ( 387076.7, | 3814932.1, | 968.6,  | 1255.1, | 0.0); | ( 387088.1, |
| 3814911.6,  | 962.5,     | 1255.1, | 0.0);   |       |             |
| ( 387099.5, | 3814891.2, | 958.3,  | 1255.1, | 0.0); | ( 387111.0, |
| 3814870.8,  | 957.0,     | 1255.1, | 0.0);   |       |             |
| ( 387122.4, | 3814850.3, | 955.7,  | 1255.1, | 0.0); | ( 387133.8, |
| 3814829.9,  | 955.4,     | 1255.1, | 0.0);   |       |             |
| ( 387145.2, | 3814809.4, | 956.3,  | 1255.1, | 0.0); | ( 387156.6, |
| 3814789.0,  | 958.8,     | 1255.1, | 0.0);   |       |             |
| ( 387168.0, | 3814768.5, | 963.8,  | 1255.1, | 0.0); | ( 387179.4, |
| 3814748.1,  | 970.1,     | 1255.1, | 0.0);   |       |             |
| ( 387190.8, | 3814727.6, | 977.2,  | 1255.1, | 0.0); | ( 387202.3, |
| 3814707.2,  | 983.0,     | 1255.1, | 0.0);   |       |             |
| ( 387213.7, | 3814686.7, | 989.2,  | 1255.1, | 0.0); | ( 387225.1, |
| 3814666.3,  | 994.1,     | 1255.1, | 0.0);   |       |             |
| ( 387236.5, | 3814645.8, | 1001.6, | 1255.1, | 0.0); | ( 387247.9, |
| 3814625.4,  | 1008.3,    | 1255.1, | 0.0);   |       |             |
| ( 387259.3, | 3814604.9, | 1016.2, | 1255.1, | 0.0); | ( 387270.7, |
| 3814584.5,  | 1022.2,    | 1255.1, | 0.0);   |       |             |
| ( 387282.1, | 3814564.0, | 1026.8, | 1255.1, | 0.0); | ( 387293.6, |
| 3814543.6,  | 1028.1,    | 1255.1, | 0.0);   |       |             |
| ( 387305.0, | 3814523.1, | 1030.4, | 1255.1, | 0.0); | ( 387316.4, |
| 3814502.7,  | 1031.8,    | 1255.1, | 0.0);   |       |             |
| ( 387327.8, | 3814482.3, | 1031.2, | 1255.1, | 0.0); | ( 387339.2, |
| 3814461.8,  | 1026.3,    | 1255.1, | 0.0);   |       |             |
| ( 387350.6, | 3814441.4, | 1018.9, | 1255.1, | 0.0); | ( 387362.0, |
| 3814420.9,  | 1014.3,    | 1255.1, | 0.0);   |       |             |
| ( 387373.5, | 3814400.5, | 1014.1, | 1255.1, | 0.0); | ( 387384.9, |
| 3814380.0,  | 1015.8,    | 1255.1, | 0.0);   |       |             |
| ( 387396.3, | 3814359.6, | 1016.6, | 1255.1, | 0.0); | ( 387407.7, |
| 3814339.1,  | 1014.8,    | 1255.1, | 0.0);   |       |             |
| ( 387419.1, | 3814318.7, | 1010.1, | 1255.1, | 0.0); | ( 387430.5, |
| 3814298.2,  | 1003.0,    | 1255.1, | 0.0);   |       |             |
| ( 387441.9, | 3814277.8, | 995.4,  | 1255.1, | 0.0); | ( 387453.3, |
| 3814257.3,  | 990.0,     | 1937.2, | 0.0);   |       |             |
| ( 387464.8, | 3814236.9, | 990.0,  | 1937.2, | 0.0); | ( 387476.2, |

3814216.4, 991.5, 1937.2, 0.0);  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 309

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 387487.6, 3814196.0, 994.9, 1937.2, 0.0);  | ( 387499.0, |
| 3814175.5, 999.9, 1937.2, 0.0);              |             |
| ( 387510.4, 3814155.1, 1005.7, 1937.2, 0.0); | ( 387521.8, |
| 3814134.6, 1013.5, 1255.1, 0.0);             |             |
| ( 387533.2, 3814114.2, 1014.1, 1255.1, 0.0); | ( 387544.7, |
| 3814093.8, 1017.3, 1255.1, 0.0);             |             |
| ( 387556.1, 3814073.3, 1022.4, 1255.1, 0.0); | ( 387567.5, |
| 3814052.9, 1030.2, 1255.1, 0.0);             |             |
| ( 387578.9, 3814032.4, 1037.2, 1255.1, 0.0); | ( 387590.3, |
| 3814012.0, 1042.1, 1255.1, 0.0);             |             |
| ( 387601.7, 3813991.5, 1044.3, 1255.1, 0.0); | ( 387613.1, |
| 3813971.1, 1050.7, 1255.1, 0.0);             |             |
| ( 387624.5, 3813950.6, 1055.0, 1255.1, 0.0); | ( 387636.0, |
| 3813930.2, 1063.8, 1255.1, 0.0);             |             |
| ( 387647.4, 3813909.7, 1071.6, 1255.1, 0.0); | ( 387658.8, |
| 3813889.3, 1082.0, 1255.1, 0.0);             |             |
| ( 387670.2, 3813868.8, 1094.1, 1255.1, 0.0); | ( 387681.6, |
| 3813848.4, 1106.2, 1255.1, 0.0);             |             |
| ( 387693.0, 3813827.9, 1118.2, 1255.1, 0.0); | ( 387704.4, |
| 3813807.5, 1129.3, 1255.1, 0.0);             |             |
| ( 387715.9, 3813787.0, 1135.5, 1255.1, 0.0); | ( 387727.3, |
| 3813766.6, 1130.5, 1255.1, 0.0);             |             |
| ( 387738.7, 3813746.1, 1127.2, 1255.1, 0.0); | ( 387750.1, |
| 3813725.7, 1129.8, 1255.1, 0.0);             |             |
| ( 387761.5, 3813705.3, 1140.5, 1255.1, 0.0); | ( 387772.9, |
| 3813684.8, 1148.1, 1255.1, 0.0);             |             |
| ( 387784.3, 3813664.4, 1152.0, 1255.1, 0.0); | ( 387795.8, |
| 3813643.9, 1148.5, 1255.1, 0.0);             |             |
| ( 387807.2, 3813623.5, 1141.2, 1255.1, 0.0); | ( 387818.6, |
| 3813603.0, 1132.0, 1255.1, 0.0);             |             |
| ( 387830.0, 3813582.6, 1124.0, 1255.1, 0.0); | ( 387841.4, |
| 3813562.1, 1124.5, 1255.1, 0.0);             |             |
| ( 387852.8, 3813541.7, 1130.1, 1255.1, 0.0); | ( 387864.2, |
| 3813521.2, 1144.0, 1255.1, 0.0);             |             |
| ( 387875.6, 3813500.8, 1157.0, 1255.1, 0.0); | ( 387887.1, |
| 3813480.3, 1170.5, 1255.1, 0.0);             |             |
| ( 387898.5, 3813459.9, 1182.8, 1255.1, 0.0); | ( 387909.9, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813439.4,  | 1196.2,    | 1255.1, | 0.0);   |       |             |
| ( 387921.3, | 3813419.0, | 1208.9, | 1255.1, | 0.0); | ( 387932.7, |
| 3813398.5,  | 1216.0,    | 1239.9, | 0.0);   |       |             |
| ( 387944.1, | 3813378.1, | 1216.5, | 1239.9, | 0.0); | ( 387955.5, |
| 3813357.6,  | 1213.1,    | 1239.9, | 0.0);   |       |             |
| ( 387967.0, | 3813337.2, | 1206.8, | 1253.6, | 0.0); | ( 387978.4, |
| 3813316.8,  | 1197.0,    | 1255.1, | 0.0);   |       |             |
| ( 387989.8, | 3813296.3, | 1183.5, | 1255.1, | 0.0); | ( 388001.2, |
| 3813275.9,  | 1166.8,    | 1255.1, | 0.0);   |       |             |
| ( 388012.6, | 3813255.4, | 1150.8, | 1255.1, | 0.0); | ( 388024.0, |
| 3813235.0,  | 1134.3,    | 1255.1, | 0.0);   |       |             |
| ( 388035.4, | 3813214.5, | 1126.5, | 1255.1, | 0.0); | ( 388046.8, |
| 3813194.1,  | 1120.2,    | 1255.1, | 0.0);   |       |             |
| ( 388058.2, | 3813173.6, | 1116.6, | 1937.2, | 0.0); | ( 388069.7, |
| 3813153.2,  | 1111.4,    | 1937.2, | 0.0);   |       |             |
| ( 388081.1, | 3813132.7, | 1105.7, | 1937.2, | 0.0); | ( 388092.5, |
| 3813112.3,  | 1099.6,    | 1955.9, | 0.0);   |       |             |
| ( 388103.9, | 3813091.8, | 1095.5, | 1956.1, | 0.0); | ( 388115.3, |
| 3813071.4,  | 1091.1,    | 1980.1, | 0.0);   |       |             |
| ( 388126.7, | 3813050.9, | 1085.3, | 1980.1, | 0.0); | ( 388138.1, |
| 3813030.5,  | 1075.8,    | 1980.1, | 0.0);   |       |             |
| ( 388149.6, | 3813010.0, | 1065.3, | 1989.7, | 0.0); | ( 388161.0, |
| 3812989.6,  | 1054.5,    | 1989.7, | 0.0);   |       |             |
| ( 388172.4, | 3812969.1, | 1043.2, | 1989.7, | 0.0); | ( 388183.8, |
| 3812948.7,  | 1031.6,    | 1989.7, | 0.0);   |       |             |
| ( 388195.2, | 3812928.2, | 1020.0, | 1989.7, | 0.0); | ( 388206.6, |
| 3812907.8,  | 1008.3,    | 1989.7, | 0.0);   |       |             |
| ( 388218.0, | 3812887.4, | 996.7,  | 1989.7, | 0.0); | ( 388229.5, |
| 3812866.9,  | 985.2,     | 1989.7, | 0.0);   |       |             |
| ( 388240.9, | 3812846.5, | 973.9,  | 1989.7, | 0.0); | ( 388252.3, |
| 3812826.0,  | 962.8,     | 1989.7, | 0.0);   |       |             |
| ( 388263.7, | 3812805.6, | 952.2,  | 1989.7, | 0.0); | ( 388275.1, |
| 3812785.1,  | 942.0,     | 1989.7, | 0.0);   |       |             |
| ( 388286.5, | 3812764.7, | 932.2,  | 1989.7, | 0.0); | ( 388297.9, |
| 3812744.2,  | 922.4,     | 1989.7, | 0.0);   |       |             |
| ( 388309.3, | 3812723.8, | 913.4,  | 1989.7, | 0.0); | ( 388320.8, |
| 3812703.3,  | 904.8,     | 1989.7, | 0.0);   |       |             |
| ( 388332.2, | 3812682.9, | 896.8,  | 1989.7, | 0.0); | ( 388343.6, |
| 3812662.4,  | 889.1,     | 1989.7, | 0.0);   |       |             |
| ( 388355.0, | 3812642.0, | 881.7,  | 1989.7, | 0.0); | ( 388366.4, |
| 3812621.5,  | 874.7,     | 1989.7, | 0.0);   |       |             |
| ( 388377.8, | 3812601.1, | 868.0,  | 1989.7, | 0.0); | ( 388389.2, |
| 3812580.6,  | 862.0,     | 1989.7, | 0.0);   |       |             |
| ( 388400.6, | 3812560.2, | 856.8,  | 1989.7, | 0.0); | ( 388412.1, |
| 3812539.8,  | 850.8,     | 1989.7, | 0.0);   |       |             |
| ( 388423.5, | 3812519.3, | 847.2,  | 1989.7, | 0.0); | ( 388434.9, |
| 3812498.9,  | 841.1,     | 1989.7, | 0.0);   |       |             |
| ( 388446.3, | 3812478.4, | 837.2,  | 1989.7, | 0.0); | ( 388457.7, |
| 3812458.0,  | 831.3,     | 1989.7, | 0.0);   |       |             |
| ( 388469.1, | 3812437.5, | 825.4,  | 1989.7, | 0.0); | ( 388480.5, |



```

3812417.1, 819.1, 1989.7, 0.0);
 (388492.0, 3812396.6, 813.8, 1989.7, 0.0); (388503.4,
3812376.2, 811.1, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 310

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (388514.8, 3812355.7, 810.1, 1989.7, 0.0); (388526.2,
3812335.3, 811.4, 1989.7, 0.0);
 (388537.6, 3812314.8, 808.9, 1989.7, 0.0); (388549.0,
3812294.4, 803.8, 1989.7, 0.0);
 (388560.4, 3812273.9, 795.3, 1989.7, 0.0); (388571.8,
3812253.5, 788.1, 1989.7, 0.0);
 (388583.3, 3812233.0, 783.5, 1989.7, 0.0); (388594.7,
3812212.6, 781.9, 1989.7, 0.0);
 (388606.1, 3812192.1, 780.6, 1989.7, 0.0); (388617.5,
3812171.7, 779.6, 1989.7, 0.0);
 (388628.9, 3812151.2, 779.1, 1989.7, 0.0); (388640.3,
3812130.8, 778.9, 1989.7, 0.0);
 (388651.7, 3812110.4, 778.8, 1989.7, 0.0); (388663.2,
3812089.9, 778.6, 1989.7, 0.0);
 (388674.6, 3812069.5, 778.4, 1989.7, 0.0); (388686.0,
3812049.0, 778.4, 1989.7, 0.0);
 (388697.4, 3812028.6, 778.4, 1989.7, 0.0); (388708.8,
3812008.1, 778.3, 1989.7, 0.0);
 (388720.2, 3811987.7, 778.0, 1989.7, 0.0); (388731.6,
3811967.2, 776.8, 1989.7, 0.0);
 (388743.0, 3811946.8, 774.9, 1989.7, 0.0); (388754.5,
3811926.3, 773.5, 1989.7, 0.0);
 (388765.9, 3811905.9, 772.5, 1989.7, 0.0); (388777.3,
3811885.4, 773.3, 1989.7, 0.0);
 (388788.7, 3811865.0, 776.8, 1989.7, 0.0); (388800.1,
3811844.5, 782.0, 1989.7, 0.0);
 (388811.5, 3811824.1, 785.1, 1989.7, 0.0); (388822.9,
3811803.6, 787.8, 1989.7, 0.0);
 (388834.3, 3811783.2, 789.9, 1989.7, 0.0); (388845.8,
3811762.8, 792.4, 1989.7, 0.0);
 (388857.2, 3811742.3, 795.5, 1989.7, 0.0); (388868.6,
3811721.9, 799.3, 1989.7, 0.0);
 (388880.0, 3811701.4, 803.1, 1989.7, 0.0); (388891.4,
3811681.0, 804.9, 1989.7, 0.0);
 (388902.8, 3811660.5, 801.4, 1989.7, 0.0); (388914.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811640.1,  | 800.8,     | 1989.7, | 0.0);   |       |             |
| ( 388925.7, | 3811619.6, | 803.0,  | 1989.7, | 0.0); | ( 388937.1, |
| 3811599.2,  | 805.4,     | 1989.7, | 0.0);   |       |             |
| ( 388948.5, | 3811578.7, | 807.0,  | 1989.7, | 0.0); | ( 388959.9, |
| 3811558.3,  | 807.8,     | 1989.7, | 0.0);   |       |             |
| ( 388971.3, | 3811537.8, | 808.9,  | 1989.7, | 0.0); | ( 388982.7, |
| 3811517.4,  | 808.3,     | 1989.7, | 0.0);   |       |             |
| ( 388994.1, | 3811496.9, | 806.7,  | 1989.7, | 0.0); | ( 389005.5, |
| 3811476.5,  | 808.8,     | 1989.7, | 0.0);   |       |             |
| ( 389017.0, | 3811456.0, | 809.7,  | 1989.7, | 0.0); | ( 389028.4, |
| 3811435.6,  | 810.1,     | 1989.7, | 0.0);   |       |             |
| ( 389039.8, | 3811415.1, | 809.7,  | 1989.7, | 0.0); | ( 389051.2, |
| 3811394.7,  | 812.2,     | 1989.7, | 0.0);   |       |             |
| ( 389062.6, | 3811374.2, | 816.1,  | 1989.7, | 0.0); | ( 389074.0, |
| 3811353.8,  | 819.5,     | 1989.7, | 0.0);   |       |             |
| ( 389085.5, | 3811333.4, | 821.4,  | 1989.7, | 0.0); | ( 389096.9, |
| 3811312.9,  | 822.4,     | 1989.7, | 0.0);   |       |             |
| ( 389108.3, | 3811292.5, | 824.3,  | 1989.7, | 0.0); | ( 389119.7, |
| 3811272.0,  | 828.1,     | 1989.7, | 0.0);   |       |             |
| ( 389131.1, | 3811251.6, | 835.3,  | 1989.7, | 0.0); | ( 389142.5, |
| 3811231.1,  | 842.3,     | 1989.7, | 0.0);   |       |             |
| ( 389153.9, | 3811210.7, | 847.7,  | 1989.7, | 0.0); | ( 389165.3, |
| 3811190.2,  | 852.1,     | 1989.7, | 0.0);   |       |             |
| ( 389176.8, | 3811169.8, | 858.3,  | 1989.7, | 0.0); | ( 389188.2, |
| 3811149.3,  | 863.8,     | 1989.7, | 0.0);   |       |             |
| ( 389199.6, | 3811128.9, | 869.4,  | 1989.7, | 0.0); | ( 389211.0, |
| 3811108.4,  | 871.6,     | 1989.7, | 0.0);   |       |             |
| ( 389222.4, | 3811088.0, | 873.4,  | 1989.7, | 0.0); | ( 389233.8, |
| 3811067.5,  | 873.5,     | 1989.7, | 0.0);   |       |             |
| ( 389245.2, | 3811047.1, | 870.1,  | 1989.7, | 0.0); | ( 389256.6, |
| 3811026.6,  | 865.5,     | 1989.7, | 0.0);   |       |             |
| ( 389268.1, | 3811006.2, | 860.9,  | 1989.7, | 0.0); | ( 389279.5, |
| 3810985.8,  | 855.6,     | 1989.7, | 0.0);   |       |             |
| ( 389290.9, | 3810965.3, | 854.0,  | 1989.7, | 0.0); | ( 389302.3, |
| 3810944.9,  | 858.2,     | 1989.7, | 0.0);   |       |             |
| ( 389313.7, | 3810924.4, | 858.9,  | 1989.7, | 0.0); | ( 389325.1, |
| 3810904.0,  | 856.0,     | 1989.7, | 0.0);   |       |             |
| ( 389336.5, | 3810883.5, | 855.5,  | 1989.7, | 0.0); | ( 389348.0, |
| 3810863.1,  | 857.9,     | 1989.7, | 0.0);   |       |             |
| ( 389359.4, | 3810842.6, | 862.0,  | 1989.7, | 0.0); | ( 389370.8, |
| 3810822.2,  | 866.6,     | 1989.7, | 0.0);   |       |             |
| ( 389382.2, | 3810801.7, | 870.7,  | 1989.7, | 0.0); | ( 389393.6, |
| 3810781.3,  | 873.2,     | 1989.7, | 0.0);   |       |             |
| ( 389405.0, | 3810760.8, | 871.8,  | 1989.7, | 0.0); | ( 389416.4, |
| 3810740.4,  | 874.1,     | 1989.7, | 0.0);   |       |             |
| ( 389427.8, | 3810719.9, | 878.8,  | 1989.7, | 0.0); | ( 389439.3, |
| 3810699.5,  | 881.3,     | 1989.7, | 0.0);   |       |             |
| ( 389450.7, | 3810679.0, | 884.4,  | 1989.7, | 0.0); | ( 389462.1, |
| 3810658.6,  | 884.0,     | 1989.7, | 0.0);   |       |             |
| ( 389473.5, | 3810638.1, | 879.6,  | 1989.7, | 0.0); | ( 389484.9, |

```

3810617.7, 869.4, 1989.7, 0.0);
(389496.3, 3810597.2, 857.8, 1989.7, 0.0); (389507.7,
3810576.8, 849.1, 1989.7, 0.0);
(389519.1, 3810556.3, 847.9, 1989.7, 0.0); (389530.6,
3810535.9, 848.8, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 311

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(389542.0, 3810515.5, 853.4, 1989.7, 0.0); (389553.4,
3810495.0, 855.6, 1989.7, 0.0);
(389564.8, 3810474.6, 856.2, 1989.7, 0.0); (389576.2,
3810454.1, 857.1, 1989.7, 0.0);
(389587.6, 3810433.7, 861.1, 1989.7, 0.0); (389599.0,
3810413.2, 864.9, 1989.7, 0.0);
(389610.5, 3810392.8, 863.0, 1989.7, 0.0); (389621.9,
3810372.3, 861.9, 1989.7, 0.0);
(389633.3, 3810351.9, 863.5, 1989.7, 0.0); (389644.7,
3810331.4, 863.1, 1989.7, 0.0);
(389656.1, 3810311.0, 863.9, 1989.7, 0.0); (389667.5,
3810290.5, 863.3, 1989.7, 0.0);
(389678.9, 3810270.1, 864.3, 1989.7, 0.0); (389690.3,
3810249.6, 866.0, 1989.7, 0.0);
(389701.8, 3810229.2, 865.6, 1989.7, 0.0); (389713.2,
3810208.8, 868.4, 1989.7, 0.0);
(389724.6, 3810188.3, 869.6, 1989.7, 0.0); (389736.0,
3810167.8, 875.3, 1989.7, 0.0);
(389747.4, 3810147.4, 878.9, 1989.7, 0.0); (389758.8,
3810127.0, 881.8, 1989.7, 0.0);
(389770.2, 3810106.5, 882.3, 1989.7, 0.0); (389781.6,
3810086.1, 887.0, 1989.7, 0.0);
(389793.1, 3810065.6, 893.7, 1989.7, 0.0); (389804.5,
3810045.2, 898.7, 1989.7, 0.0);
(389815.9, 3810024.7, 908.9, 1989.7, 0.0); (389827.3,
3810004.3, 919.9, 1989.7, 0.0);
(389838.7, 3809983.8, 925.3, 1989.7, 0.0); (389850.1,
3809963.4, 928.8, 1989.7, 0.0);
(389861.5, 3809942.9, 931.3, 1989.7, 0.0); (389873.0,
3809922.5, 933.8, 1989.7, 0.0);
(389884.4, 3809902.0, 935.8, 1989.7, 0.0); (389895.8,
3809881.6, 937.6, 1989.7, 0.0);
(389907.2, 3809861.1, 939.0, 1989.7, 0.0); (389918.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809840.7,  | 940.3,     | 1989.7, | 0.0);   |       |             |
| ( 389930.0, | 3809820.2, | 941.9,  | 1989.7, | 0.0); | ( 389941.4, |
| 3809799.8,  | 943.7,     | 1989.7, | 0.0);   |       |             |
| ( 389952.8, | 3809779.3, | 945.5,  | 1989.7, | 0.0); | ( 389964.3, |
| 3809758.9,  | 947.5,     | 1989.7, | 0.0);   |       |             |
| ( 389975.7, | 3809738.5, | 949.5,  | 1989.7, | 0.0); | ( 389987.1, |
| 3809718.0,  | 951.1,     | 1989.7, | 0.0);   |       |             |
| ( 389998.5, | 3809697.6, | 952.8,  | 1989.7, | 0.0); | ( 390009.9, |
| 3809677.1,  | 954.6,     | 1989.7, | 0.0);   |       |             |
| ( 390021.3, | 3809656.7, | 955.9,  | 1989.7, | 0.0); | ( 390032.7, |
| 3809636.2,  | 955.9,     | 1989.7, | 0.0);   |       |             |
| ( 390044.2, | 3809615.8, | 954.4,  | 1989.7, | 0.0); | ( 390055.6, |
| 3809595.3,  | 950.8,     | 1989.7, | 0.0);   |       |             |
| ( 390067.0, | 3809574.9, | 945.5,  | 1989.7, | 0.0); | ( 390078.4, |
| 3809554.4,  | 946.1,     | 1989.7, | 0.0);   |       |             |
| ( 390113.1, | 3809531.4, | 951.9,  | 1989.7, | 0.0); | ( 390136.4, |
| 3809528.8,  | 953.0,     | 1989.7, | 0.0);   |       |             |
| ( 390159.6, | 3809526.2, | 953.3,  | 1989.7, | 0.0); | ( 390182.9, |
| 3809523.7,  | 953.1,     | 1989.7, | 0.0);   |       |             |
| ( 390206.2, | 3809521.1, | 954.0,  | 1989.7, | 0.0); | ( 390229.5, |
| 3809518.5,  | 955.5,     | 1989.7, | 0.0);   |       |             |
| ( 390252.7, | 3809515.9, | 957.3,  | 1989.7, | 0.0); | ( 390276.0, |
| 3809513.3,  | 958.6,     | 1989.7, | 0.0);   |       |             |
| ( 390299.3, | 3809510.8, | 958.6,  | 1989.7, | 0.0); | ( 390322.6, |
| 3809508.2,  | 956.5,     | 1989.7, | 0.0);   |       |             |
| ( 390345.8, | 3809505.6, | 952.4,  | 1989.7, | 0.0); | ( 390369.1, |
| 3809503.0,  | 948.2,     | 1989.7, | 0.0);   |       |             |
| ( 390392.4, | 3809500.4, | 945.8,  | 1989.7, | 0.0); | ( 390415.6, |
| 3809497.8,  | 944.9,     | 1989.7, | 0.0);   |       |             |
| ( 390438.9, | 3809495.3, | 943.9,  | 1989.7, | 0.0); | ( 390462.2, |
| 3809492.7,  | 942.4,     | 1989.7, | 0.0);   |       |             |
| ( 390485.5, | 3809490.1, | 940.1,  | 1989.7, | 0.0); | ( 390508.8, |
| 3809487.5,  | 937.9,     | 1989.7, | 0.0);   |       |             |
| ( 390532.0, | 3809484.9, | 933.4,  | 1989.7, | 0.0); | ( 390555.3, |
| 3809482.4,  | 936.9,     | 1989.7, | 0.0);   |       |             |
| ( 390578.6, | 3809479.8, | 938.1,  | 1989.7, | 0.0); | ( 390601.8, |
| 3809477.2,  | 939.6,     | 1989.7, | 0.0);   |       |             |
| ( 390625.1, | 3809474.6, | 941.3,  | 1989.7, | 0.0); | ( 390648.4, |
| 3809472.0,  | 940.6,     | 1989.7, | 0.0);   |       |             |
| ( 390671.7, | 3809469.5, | 939.2,  | 1989.7, | 0.0); | ( 390695.0, |
| 3809466.9,  | 939.8,     | 1989.7, | 0.0);   |       |             |
| ( 390718.2, | 3809464.3, | 940.9,  | 1989.7, | 0.0); | ( 390741.5, |
| 3809461.7,  | 941.7,     | 1989.7, | 0.0);   |       |             |
| ( 390764.8, | 3809459.1, | 945.8,  | 1989.7, | 0.0); | ( 390788.0, |
| 3809456.6,  | 952.2,     | 1989.7, | 0.0);   |       |             |
| ( 390811.3, | 3809454.0, | 952.7,  | 1989.7, | 0.0); | ( 390834.6, |
| 3809451.4,  | 953.5,     | 1989.7, | 0.0);   |       |             |
| ( 390857.9, | 3809448.8, | 954.2,  | 1989.7, | 0.0); | ( 390881.1, |
| 3809446.2,  | 954.4,     | 1989.7, | 0.0);   |       |             |
| ( 390904.4, | 3809443.7, | 954.2,  | 1989.7, | 0.0); | ( 390927.7, |

```

3809441.1, 953.7, 1989.7, 0.0);
(390951.0, 3809438.5, 953.8, 1989.7, 0.0); (390974.2,
3809435.9, 954.0, 1989.7, 0.0);
(390997.5, 3809433.3, 953.0, 1989.7, 0.0); (391020.8,
3809430.8, 951.7, 1989.7, 0.0);
(391044.1, 3809428.2, 950.4, 1989.7, 0.0); (391067.3,
3809425.6, 949.2, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 312

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391090.6, 3809423.0, 946.4, 1989.7, 0.0); (391113.9,
3809420.4, 942.4, 1989.7, 0.0);
(391137.2, 3809417.8, 938.7, 1989.7, 0.0); (391160.4,
3809415.3, 935.7, 1989.7, 0.0);
(391183.7, 3809412.7, 932.4, 1989.7, 0.0); (391207.0,
3809410.1, 928.5, 1989.7, 0.0);
(391230.3, 3809407.5, 926.2, 1989.7, 0.0); (391253.5,
3809404.9, 927.5, 1989.7, 0.0);
(391276.8, 3809402.4, 931.7, 1989.7, 0.0); (391300.1,
3809399.8, 938.3, 1989.7, 0.0);
(391323.3, 3809397.2, 941.6, 1989.7, 0.0); (391346.6,
3809394.6, 942.0, 1989.7, 0.0);
(391369.9, 3809392.0, 941.2, 1989.7, 0.0); (391393.2,
3809389.5, 937.3, 1989.7, 0.0);
(391416.5, 3809386.9, 931.2, 1989.7, 0.0); (391439.7,
3809384.3, 929.0, 1989.7, 0.0);
(391463.0, 3809381.7, 932.0, 1989.7, 0.0); (391486.3,
3809379.1, 936.8, 1989.7, 0.0);
(391509.5, 3809376.6, 939.1, 1989.7, 0.0); (391532.8,
3809374.0, 938.8, 1989.7, 0.0);
(391556.1, 3809371.4, 941.1, 1989.7, 0.0); (391579.4,
3809368.8, 946.5, 1989.7, 0.0);
(391602.6, 3809366.2, 947.8, 1989.7, 0.0); (391625.9,
3809363.6, 947.8, 1989.7, 0.0);
(391649.2, 3809361.1, 948.8, 1989.7, 0.0); (391672.5,
3809358.5, 949.8, 1989.7, 0.0);
(391695.8, 3809355.9, 951.1, 1989.7, 0.0); (391719.0,
3809353.3, 952.8, 1989.7, 0.0);
(391742.3, 3809350.8, 953.7, 1989.7, 0.0); (391765.6,
3809348.2, 953.6, 1989.7, 0.0);
(391788.8, 3809345.6, 954.5, 1989.7, 0.0); (391812.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809343.0,  | 956.8,     | 1989.7, | 0.0);   |       |             |
| ( 391835.4, | 3809340.4, | 960.2,  | 1989.7, | 0.0); | ( 391858.7, |
| 3809337.8,  | 961.8,     | 1989.7, | 0.0);   |       |             |
| ( 391881.9, | 3809335.3, | 961.7,  | 1989.7, | 0.0); | ( 391905.2, |
| 3809332.7,  | 964.6,     | 1989.7, | 0.0);   |       |             |
| ( 391928.5, | 3809330.1, | 966.1,  | 1989.7, | 0.0); | ( 391951.8, |
| 3809327.5,  | 966.7,     | 1989.7, | 0.0);   |       |             |
| ( 391975.0, | 3809324.9, | 966.7,  | 1989.7, | 0.0); | ( 391998.3, |
| 3809322.4,  | 966.9,     | 1989.7, | 0.0);   |       |             |
| ( 392021.6, | 3809319.8, | 968.6,  | 1989.7, | 0.0); | ( 392044.9, |
| 3809317.2,  | 971.7,     | 1989.7, | 0.0);   |       |             |
| ( 392068.1, | 3809314.6, | 971.2,  | 1989.7, | 0.0); | ( 392091.4, |
| 3809312.0,  | 968.8,     | 1989.7, | 0.0);   |       |             |
| ( 392114.7, | 3809309.5, | 970.7,  | 1989.7, | 0.0); | ( 392138.0, |
| 3809306.9,  | 973.4,     | 1989.7, | 0.0);   |       |             |
| ( 392161.2, | 3809304.3, | 974.8,  | 1989.7, | 0.0); | ( 392184.5, |
| 3809301.7,  | 976.1,     | 1989.7, | 0.0);   |       |             |
| ( 392207.8, | 3809299.1, | 976.2,  | 1989.7, | 0.0); | ( 392231.1, |
| 3809296.5,  | 975.9,     | 1989.7, | 0.0);   |       |             |
| ( 392254.3, | 3809294.0, | 976.7,  | 1989.7, | 0.0); | ( 392277.6, |
| 3809291.4,  | 978.6,     | 1989.7, | 0.0);   |       |             |
| ( 392300.9, | 3809288.8, | 980.7,  | 1989.7, | 0.0); | ( 392324.1, |
| 3809286.2,  | 982.7,     | 1989.7, | 0.0);   |       |             |
| ( 392347.4, | 3809283.6, | 983.2,  | 1989.7, | 0.0); | ( 392370.7, |
| 3809281.1,  | 982.3,     | 1989.7, | 0.0);   |       |             |
| ( 392394.0, | 3809278.5, | 984.3,  | 1989.7, | 0.0); | ( 392417.2, |
| 3809275.9,  | 985.8,     | 1989.7, | 0.0);   |       |             |
| ( 392440.5, | 3809273.3, | 988.8,  | 1989.7, | 0.0); | ( 392463.8, |
| 3809270.7,  | 992.4,     | 1989.7, | 0.0);   |       |             |
| ( 392487.1, | 3809268.2, | 994.5,  | 1989.7, | 0.0); | ( 392510.3, |
| 3809265.6,  | 995.9,     | 1989.7, | 0.0);   |       |             |
| ( 392533.6, | 3809263.0, | 998.1,  | 1989.7, | 0.0); | ( 392556.9, |
| 3809260.4,  | 999.4,     | 1989.7, | 0.0);   |       |             |
| ( 392580.2, | 3809257.8, | 999.2,  | 1989.7, | 0.0); | ( 392603.5, |
| 3809255.3,  | 1000.8,    | 1989.7, | 0.0);   |       |             |
| ( 392626.7, | 3809252.7, | 1003.5, | 1989.7, | 0.0); | ( 392650.0, |
| 3809250.1,  | 1006.1,    | 1989.7, | 0.0);   |       |             |
| ( 392673.3, | 3809247.5, | 1009.0, | 1989.7, | 0.0); | ( 392696.5, |
| 3809244.9,  | 1010.2,    | 1989.7, | 0.0);   |       |             |
| ( 392719.8, | 3809242.4, | 1013.6, | 1989.7, | 0.0); | ( 392743.1, |
| 3809239.8,  | 1017.3,    | 1989.7, | 0.0);   |       |             |
| ( 392766.4, | 3809237.2, | 1018.7, | 1989.7, | 0.0); | ( 392789.6, |
| 3809234.6,  | 1019.9,    | 1989.7, | 0.0);   |       |             |
| ( 392812.9, | 3809232.0, | 1022.4, | 1989.7, | 0.0); | ( 392836.2, |
| 3809229.4,  | 1024.9,    | 1989.7, | 0.0);   |       |             |
| ( 392859.5, | 3809226.9, | 1026.9, | 1989.7, | 0.0); | ( 392882.7, |
| 3809224.3,  | 1030.7,    | 1989.7, | 0.0);   |       |             |
| ( 392906.0, | 3809221.7, | 1034.4, | 1989.7, | 0.0); | ( 392929.3, |
| 3809219.1,  | 1036.7,    | 1989.7, | 0.0);   |       |             |
| ( 392952.6, | 3809216.5, | 1038.6, | 1989.7, | 0.0); | ( 392975.8, |

```

3809214.0, 1040.3, 1989.7, 0.0);
(392999.1, 3809211.4, 1042.9, 1989.7, 0.0); (393022.4,
3809208.8, 1046.4, 1989.7, 0.0);
(393045.7, 3809206.2, 1050.9, 1989.7, 0.0); (393068.9,
3809203.6, 1056.2, 1989.7, 0.0);
(393092.2, 3809201.1, 1062.4, 1989.7, 0.0); (393115.5,
3809198.5, 1070.1, 1989.7, 0.0);
(393138.8, 3809195.9, 1079.1, 1989.7, 0.0); (393162.0,
3809193.3, 1089.5, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 313

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393185.3, 3809190.7, 1101.6, 1989.7, 0.0); (393208.6,
3809188.2, 1114.5, 1989.7, 0.0);
(393231.9, 3809185.6, 1127.3, 1989.7, 0.0); (393255.1,
3809183.0, 1139.8, 1989.7, 0.0);
(393278.4, 3809180.4, 1149.8, 1989.7, 0.0); (393301.7,
3809177.8, 1156.5, 1989.7, 0.0);
(393325.0, 3809175.3, 1160.3, 1989.7, 0.0); (393348.2,
3809172.7, 1160.8, 1989.7, 0.0);
(393371.5, 3809170.1, 1157.9, 1989.7, 0.0); (393394.8,
3809167.5, 1152.9, 1989.7, 0.0);
(393418.0, 3809164.9, 1147.2, 1989.7, 0.0); (393441.3,
3809162.3, 1141.0, 1989.7, 0.0);
(393464.6, 3809159.8, 1133.8, 1989.7, 0.0); (393487.9,
3809157.2, 1127.2, 1989.7, 0.0);
(393511.1, 3809154.6, 1121.7, 1989.7, 0.0); (393534.4,
3809152.0, 1116.8, 1989.7, 0.0);
(393557.7, 3809149.4, 1111.9, 1989.7, 0.0); (393976.6,
3809103.0, 1098.2, 1989.7, 0.0);
(393999.9, 3809100.4, 1100.9, 1989.7, 0.0); (394023.2,
3809097.8, 1102.1, 1989.7, 0.0);
(394046.5, 3809095.2, 1100.8, 2003.3, 0.0); (394069.7,
3809092.7, 1100.8, 2003.4, 0.0);
(394093.0, 3809090.1, 1099.0, 2009.6, 0.0); (394116.3,
3809087.5, 1093.8, 2009.6, 0.0);
(394139.6, 3809084.9, 1088.6, 2009.6, 0.0); (394162.8,
3809082.3, 1087.0, 2009.6, 0.0);
(394186.1, 3809079.8, 1089.1, 2009.6, 0.0); (394209.4,
3809077.2, 1095.2, 2009.6, 0.0);
(394232.7, 3809074.6, 1100.4, 2009.6, 0.0); (394255.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809072.0,  | 1103.8,    | 2009.6, | 0.0);   |       |             |
| ( 394279.2, | 3809069.4, | 1107.2, | 2009.6, | 0.0); | ( 394302.5, |
| 3809066.9,  | 1110.5,    | 2009.6, | 0.0);   |       |             |
| ( 394325.8, | 3809064.3, | 1114.8, | 2009.6, | 0.0); | ( 394349.0, |
| 3809061.7,  | 1122.3,    | 2009.6, | 0.0);   |       |             |
| ( 394372.3, | 3809059.1, | 1132.4, | 1989.7, | 0.0); | ( 394395.6, |
| 3809056.5,  | 1142.2,    | 1989.7, | 0.0);   |       |             |
| ( 394418.8, | 3809054.0, | 1149.5, | 1989.7, | 0.0); | ( 394442.1, |
| 3809051.4,  | 1154.3,    | 1989.7, | 0.0);   |       |             |
| ( 394465.4, | 3809048.8, | 1159.0, | 1989.7, | 0.0); | ( 394488.7, |
| 3809046.2,  | 1164.4,    | 1989.7, | 0.0);   |       |             |
| ( 394512.0, | 3809043.6, | 1168.3, | 1989.7, | 0.0); | ( 394535.2, |
| 3809041.0,  | 1172.9,    | 1989.7, | 0.0);   |       |             |
| ( 394558.5, | 3809038.5, | 1180.1, | 1989.7, | 0.0); | ( 394581.8, |
| 3809035.9,  | 1188.4,    | 1989.7, | 0.0);   |       |             |
| ( 394605.0, | 3809033.3, | 1197.5, | 1989.7, | 0.0); | ( 394628.3, |
| 3809030.7,  | 1207.1,    | 1989.7, | 0.0);   |       |             |
| ( 394651.6, | 3809028.1, | 1218.1, | 1989.7, | 0.0); | ( 394674.9, |
| 3809025.6,  | 1231.4,    | 1989.7, | 0.0);   |       |             |
| ( 394698.1, | 3809023.0, | 1246.5, | 1989.7, | 0.0); | ( 394721.4, |
| 3809020.4,  | 1262.0,    | 1989.7, | 0.0);   |       |             |
| ( 394744.7, | 3809017.8, | 1278.0, | 1989.7, | 0.0); | ( 394768.0, |
| 3809015.2,  | 1294.7,    | 1989.7, | 0.0);   |       |             |
| ( 394791.2, | 3809012.7, | 1312.3, | 1989.7, | 0.0); | ( 394814.5, |
| 3809010.1,  | 1326.8,    | 1989.7, | 0.0);   |       |             |
| ( 394837.8, | 3809007.5, | 1333.2, | 1989.7, | 0.0); | ( 394861.1, |
| 3809004.9,  | 1335.9,    | 1989.7, | 0.0);   |       |             |
| ( 394884.3, | 3809002.3, | 1339.0, | 1989.7, | 0.0); | ( 394907.6, |
| 3808999.8,  | 1344.9,    | 1989.7, | 0.0);   |       |             |
| ( 394930.9, | 3808997.2, | 1354.8, | 1989.7, | 0.0); | ( 394954.2, |
| 3808994.6,  | 1368.3,    | 1989.7, | 0.0);   |       |             |
| ( 394977.4, | 3808992.0, | 1382.8, | 1989.7, | 0.0); | ( 395000.7, |
| 3808989.4,  | 1391.8,    | 1989.7, | 0.0);   |       |             |
| ( 395024.0, | 3808986.9, | 1390.2, | 1989.7, | 0.0); | ( 395047.3, |
| 3808984.3,  | 1381.6,    | 1989.7, | 0.0);   |       |             |
| ( 395070.5, | 3808981.7, | 1370.6, | 1989.7, | 0.0); | ( 395093.8, |
| 3808979.1,  | 1363.8,    | 1989.7, | 0.0);   |       |             |
| ( 395117.1, | 3808976.5, | 1365.3, | 1989.7, | 0.0); | ( 395140.4, |
| 3808973.9,  | 1365.5,    | 1989.7, | 0.0);   |       |             |
| ( 395163.6, | 3808971.4, | 1365.6, | 1989.7, | 0.0); | ( 395186.9, |
| 3808968.8,  | 1373.0,    | 1989.7, | 0.0);   |       |             |
| ( 395210.2, | 3808966.2, | 1386.2, | 1989.7, | 0.0); | ( 395233.5, |
| 3808963.6,  | 1398.7,    | 1989.7, | 0.0);   |       |             |
| ( 395256.7, | 3808961.0, | 1409.7, | 1989.7, | 0.0); | ( 395280.0, |
| 3808958.5,  | 1421.2,    | 1989.7, | 0.0);   |       |             |
| ( 395303.3, | 3808955.9, | 1428.5, | 1830.9, | 0.0); | ( 395326.5, |
| 3808953.3,  | 1430.4,    | 1830.9, | 0.0);   |       |             |
| ( 395349.8, | 3808950.7, | 1429.5, | 1830.9, | 0.0); | ( 395373.1, |
| 3808948.1,  | 1429.1,    | 1830.9, | 0.0);   |       |             |
| ( 395396.4, | 3808945.6, | 1430.9, | 1830.9, | 0.0); | ( 395419.6, |



```

3808943.0, 1434.3, 1830.9, 0.0);
(395442.9, 3808940.4, 1438.5, 1830.9, 0.0); (395466.2,
3808937.8, 1443.4, 1830.9, 0.0);
(395489.5, 3808935.2, 1449.5, 1830.9, 0.0); (395512.8,
3808932.7, 1457.3, 1830.9, 0.0);
(395536.0, 3808930.1, 1466.1, 1612.0, 0.0); (395559.3,
3808927.5, 1471.1, 1612.0, 0.0);
(395582.6, 3808924.9, 1465.2, 1612.0, 0.0); (395605.8,
3808922.3, 1455.4, 1830.9, 0.0);
(395629.1, 3808919.8, 1449.4, 1830.9, 0.0); (395652.4,
3808917.2, 1444.4, 1830.9, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 314

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395675.7, 3808914.6, 1439.6, 1830.9, 0.0); (395698.9,
3808912.0, 1433.6, 1830.9, 0.0);
(395722.2, 3808909.4, 1425.9, 1830.9, 0.0); (395745.5,
3808906.8, 1416.5, 1830.9, 0.0);
(395768.8, 3808904.3, 1405.9, 1830.9, 0.0); (395792.0,
3808901.7, 1395.5, 1830.9, 0.0);
(395815.3, 3808899.1, 1386.9, 1989.7, 0.0); (395838.6,
3808896.5, 1379.9, 1989.7, 0.0);
(395861.9, 3808893.9, 1373.2, 1989.7, 0.0); (395885.1,
3808891.4, 1366.3, 1989.7, 0.0);
(395908.4, 3808888.8, 1359.1, 1989.7, 0.0); (395931.7,
3808886.2, 1350.5, 1989.7, 0.0);
(395955.0, 3808883.6, 1340.6, 1989.7, 0.0); (395978.2,
3808881.0, 1330.3, 1989.7, 0.0);
(396001.5, 3808878.5, 1319.7, 1989.7, 0.0); (396024.8,
3808875.9, 1308.6, 1989.7, 0.0);
(396048.1, 3808873.3, 1297.6, 1989.7, 0.0); (396071.3,
3808870.7, 1288.5, 1989.7, 0.0);
(396094.6, 3808868.1, 1281.9, 1989.7, 0.0); (396117.9,
3808865.6, 1277.4, 2002.8, 0.0);
(396141.2, 3808863.0, 1273.4, 2060.8, 0.0); (396164.4,
3808860.4, 1268.1, 2084.1, 0.0);
(396187.7, 3808857.8, 1261.6, 2084.1, 0.0); (396211.0,
3808855.2, 1253.5, 2084.1, 0.0);
(396234.2, 3808852.7, 1245.3, 2084.1, 0.0); (396257.5,
3808850.1, 1236.6, 2084.1, 0.0);
(396280.8, 3808847.5, 1228.0, 2084.9, 0.0); (396304.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808844.9,  | 1220.6,    | 2167.9, | 0.0);   |       |             |
| ( 396327.3, | 3808842.3, | 1214.1, | 2167.9, | 0.0); | ( 396350.6, |
| 3808839.8,  | 1206.8,    | 2167.9, | 0.0);   |       |             |
| ( 396373.9, | 3808837.2, | 1195.3, | 2167.9, | 0.0); | ( 396397.2, |
| 3808834.6,  | 1180.9,    | 2167.9, | 0.0);   |       |             |
| ( 396420.5, | 3808832.0, | 1169.6, | 2167.9, | 0.0); | ( 396443.7, |
| 3808829.4,  | 1161.3,    | 2167.9, | 0.0);   |       |             |
| ( 396467.0, | 3808826.8, | 1154.9, | 2167.9, | 0.0); | ( 396490.3, |
| 3808824.3,  | 1149.4,    | 2167.9, | 0.0);   |       |             |
| ( 396513.5, | 3808821.7, | 1145.3, | 2167.9, | 0.0); | ( 396536.8, |
| 3808819.1,  | 1142.6,    | 2167.9, | 0.0);   |       |             |
| ( 396560.1, | 3808816.5, | 1139.8, | 2167.9, | 0.0); | ( 396583.4, |
| 3808813.9,  | 1135.8,    | 2167.9, | 0.0);   |       |             |
| ( 396606.6, | 3808811.4, | 1132.2, | 2167.9, | 0.0); | ( 396629.9, |
| 3808808.8,  | 1130.4,    | 2167.9, | 0.0);   |       |             |
| ( 396653.2, | 3808806.2, | 1125.5, | 2167.9, | 0.0); | ( 396676.5, |
| 3808803.6,  | 1121.5,    | 2167.9, | 0.0);   |       |             |
| ( 396699.7, | 3808801.0, | 1120.8, | 2167.9, | 0.0); | ( 396723.0, |
| 3808798.5,  | 1124.8,    | 2167.9, | 0.0);   |       |             |
| ( 396746.3, | 3808795.9, | 1129.2, | 2167.9, | 0.0); | ( 396769.6, |
| 3808793.3,  | 1132.3,    | 2167.9, | 0.0);   |       |             |
| ( 396792.8, | 3808790.7, | 1134.0, | 2167.9, | 0.0); | ( 396816.1, |
| 3808788.1,  | 1136.0,    | 2167.9, | 0.0);   |       |             |
| ( 396839.4, | 3808785.6, | 1138.7, | 2167.9, | 0.0); | ( 396862.7, |
| 3808783.0,  | 1141.9,    | 2167.9, | 0.0);   |       |             |
| ( 396885.9, | 3808780.4, | 1145.9, | 2167.9, | 0.0); | ( 396909.2, |
| 3808777.8,  | 1148.1,    | 2167.9, | 0.0);   |       |             |
| ( 396932.5, | 3808775.2, | 1150.5, | 2167.9, | 0.0); | ( 396955.8, |
| 3808772.6,  | 1152.0,    | 2167.9, | 0.0);   |       |             |
| ( 396979.0, | 3808770.1, | 1153.6, | 2167.9, | 0.0); | ( 397002.3, |
| 3808767.5,  | 1155.5,    | 2167.9, | 0.0);   |       |             |
| ( 397025.6, | 3808764.9, | 1156.0, | 2167.9, | 0.0); | ( 397048.9, |
| 3808762.3,  | 1155.5,    | 2167.9, | 0.0);   |       |             |
| ( 397072.1, | 3808759.8, | 1153.9, | 2167.9, | 0.0); | ( 397095.4, |
| 3808757.2,  | 1151.9,    | 2167.9, | 0.0);   |       |             |
| ( 397118.7, | 3808754.6, | 1152.5, | 2167.9, | 0.0); | ( 397142.0, |
| 3808752.0,  | 1156.4,    | 2167.9, | 0.0);   |       |             |
| ( 397165.2, | 3808749.4, | 1164.1, | 2167.9, | 0.0); | ( 397188.5, |
| 3808746.8,  | 1171.7,    | 2167.9, | 0.0);   |       |             |
| ( 397211.8, | 3808744.3, | 1179.3, | 2167.9, | 0.0); | ( 386586.0, |
| 3815811.3,  | 1027.3,    | 1101.8, | 0.0);   |       |             |
| ( 386585.2, | 3815834.8, | 1019.6, | 1101.8, | 0.0); | ( 386584.4, |
| 3815858.3,  | 1013.1,    | 1101.8, | 0.0);   |       |             |
| ( 386583.6, | 3815881.8, | 1007.7, | 1101.8, | 0.0); | ( 386582.8, |
| 3815905.2,  | 1003.8,    | 1101.8, | 0.0);   |       |             |
| ( 386582.0, | 3815928.7, | 1001.6, | 1101.8, | 0.0); | ( 386581.2, |
| 3815952.2,  | 997.1,     | 1255.1, | 0.0);   |       |             |
| ( 386580.4, | 3815975.6, | 991.4,  | 1255.1, | 0.0); | ( 386579.7, |
| 3815999.1,  | 985.6,     | 1255.1, | 0.0);   |       |             |
| ( 386578.9, | 3816022.6, | 981.5,  | 1255.1, | 0.0); | ( 386578.1, |

```

3816046.1, 976.5, 1255.1, 0.0);
(386577.3, 3816069.5, 972.0, 1255.1, 0.0); (386576.5,
3816093.0, 968.4, 1255.1, 0.0);
(385264.8, 3815746.3, 930.1, 1147.8, 0.0); (385276.2,
3815725.8, 926.5, 1147.8, 0.0);
(385287.6, 3815705.4, 921.3, 1255.1, 0.0); (385299.0,
3815684.9, 921.2, 1255.1, 0.0);
(385310.5, 3815664.4, 925.7, 1255.1, 0.0); (385321.9,
3815644.0, 936.0, 1101.8, 0.0);
(385333.3, 3815623.5, 944.8, 1101.8, 0.0); (385344.7,
3815603.1, 953.3, 1101.8, 0.0);
(385356.1, 3815582.6, 959.4, 1101.8, 0.0); (385367.5,
3815562.2, 963.1, 1101.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 315

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(385379.0, 3815541.7, 964.8, 1101.8, 0.0); (385390.4,
3815521.3, 962.6, 1101.8, 0.0);
(385401.8, 3815500.8, 956.4, 1101.8, 0.0); (385413.2,
3815480.3, 947.0, 1101.8, 0.0);
(385424.6, 3815459.9, 937.5, 1255.1, 0.0); (385436.0,
3815439.4, 932.3, 1255.1, 0.0);
(385447.5, 3815419.0, 928.1, 1255.1, 0.0); (385458.9,
3815398.5, 926.1, 1255.1, 0.0);
(385470.3, 3815378.1, 923.6, 1255.1, 0.0); (385481.7,
3815357.6, 921.1, 1255.1, 0.0);
(385493.1, 3815337.2, 922.8, 1255.1, 0.0); (385504.5,
3815316.7, 928.3, 1255.1, 0.0);
(385516.0, 3815296.2, 934.8, 1255.1, 0.0); (385527.4,
3815275.8, 938.0, 1255.1, 0.0);
(385538.8, 3815255.3, 940.0, 1255.1, 0.0); (385550.2,
3815234.9, 941.0, 1255.1, 0.0);
(385561.6, 3815214.4, 938.6, 1255.1, 0.0); (385573.1,
3815194.0, 935.1, 1255.1, 0.0);
(385584.5, 3815173.5, 931.6, 1255.1, 0.0); (385595.9,
3815153.1, 934.3, 1255.1, 0.0);
(385607.3, 3815132.6, 940.5, 1255.1, 0.0); (385618.7,
3815112.1, 949.6, 1255.1, 0.0);
(385630.1, 3815091.7, 954.3, 1255.1, 0.0); (385641.6,
3815071.2, 952.7, 1255.1, 0.0);
(385653.0, 3815050.8, 947.2, 1255.1, 0.0); (385664.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815030.3,  | 940.9,     | 1255.1, | 0.0);   |       |             |
| ( 385675.8, | 3815009.9, | 934.3,  | 1255.1, | 0.0); | ( 385687.2, |
| 3814989.4,  | 928.3,     | 1255.1, | 0.0);   |       |             |
| ( 385698.6, | 3814968.9, | 922.8,  | 1255.1, | 0.0); | ( 385710.1, |
| 3814948.5,  | 918.6,     | 1255.1, | 0.0);   |       |             |
| ( 385721.5, | 3814928.0, | 914.2,  | 1255.1, | 0.0); | ( 385732.9, |
| 3814907.6,  | 913.3,     | 1255.1, | 0.0);   |       |             |
| ( 385744.3, | 3814887.1, | 911.4,  | 1255.1, | 0.0); | ( 385755.7, |
| 3814866.7,  | 907.7,     | 1255.1, | 0.0);   |       |             |
| ( 385767.2, | 3814846.2, | 902.8,  | 1255.1, | 0.0); | ( 385778.6, |
| 3814825.8,  | 897.7,     | 1255.1, | 0.0);   |       |             |
| ( 385790.0, | 3814805.3, | 893.0,  | 1255.1, | 0.0); | ( 385801.4, |
| 3814784.8,  | 890.5,     | 1255.1, | 0.0);   |       |             |
| ( 385812.8, | 3814764.4, | 889.2,  | 1255.1, | 0.0); | ( 385824.2, |
| 3814743.9,  | 888.3,     | 1255.1, | 0.0);   |       |             |
| ( 385835.7, | 3814723.5, | 889.1,  | 1255.1, | 0.0); | ( 385847.1, |
| 3814703.0,  | 889.9,     | 1255.1, | 0.0);   |       |             |
| ( 385858.5, | 3814682.6, | 891.1,  | 1255.1, | 0.0); | ( 385869.9, |
| 3814662.1,  | 892.5,     | 1255.1, | 0.0);   |       |             |
| ( 385881.3, | 3814641.7, | 893.2,  | 1255.1, | 0.0); | ( 385892.8, |
| 3814621.2,  | 893.6,     | 1934.2, | 0.0);   |       |             |
| ( 385904.2, | 3814600.8, | 895.0,  | 1937.2, | 0.0); | ( 385915.6, |
| 3814580.3,  | 896.2,     | 1937.2, | 0.0);   |       |             |
| ( 385927.0, | 3814559.8, | 897.0,  | 1937.2, | 0.0); | ( 385938.4, |
| 3814539.4,  | 900.6,     | 1937.2, | 0.0);   |       |             |
| ( 385949.8, | 3814518.9, | 905.2,  | 1934.2, | 0.0); | ( 385961.3, |
| 3814498.5,  | 908.3,     | 1255.1, | 0.0);   |       |             |
| ( 385972.7, | 3814478.0, | 908.8,  | 1937.2, | 0.0); | ( 385984.1, |
| 3814457.6,  | 908.0,     | 1937.2, | 0.0);   |       |             |
| ( 385995.5, | 3814437.1, | 907.8,  | 1937.2, | 0.0); | ( 386006.9, |
| 3814416.6,  | 911.4,     | 1937.2, | 0.0);   |       |             |
| ( 386018.3, | 3814396.2, | 917.6,  | 1937.2, | 0.0); | ( 386029.8, |
| 3814375.7,  | 926.6,     | 1255.1, | 0.0);   |       |             |
| ( 386041.2, | 3814355.3, | 937.6,  | 1255.1, | 0.0); | ( 386052.6, |
| 3814334.8,  | 949.2,     | 1255.1, | 0.0);   |       |             |
| ( 386064.0, | 3814314.4, | 962.2,  | 1255.1, | 0.0); | ( 386075.4, |
| 3814293.9,  | 975.1,     | 1255.1, | 0.0);   |       |             |
| ( 386086.9, | 3814273.5, | 986.0,  | 1255.1, | 0.0); | ( 386098.3, |
| 3814253.0,  | 987.5,     | 1255.1, | 0.0);   |       |             |
| ( 386109.7, | 3814232.5, | 978.4,  | 1255.1, | 0.0); | ( 386121.1, |
| 3814212.1,  | 967.9,     | 1255.1, | 0.0);   |       |             |
| ( 386132.5, | 3814191.6, | 959.0,  | 1255.1, | 0.0); | ( 386144.0, |
| 3814171.2,  | 950.3,     | 1255.1, | 0.0);   |       |             |
| ( 386155.4, | 3814150.7, | 942.0,  | 1937.2, | 0.0); | ( 386166.8, |
| 3814130.3,  | 932.7,     | 1937.2, | 0.0);   |       |             |
| ( 386178.2, | 3814109.8, | 923.5,  | 1956.1, | 0.0); | ( 386189.6, |
| 3814089.4,  | 914.3,     | 1980.1, | 0.0);   |       |             |
| ( 386201.0, | 3814068.9, | 905.8,  | 1980.1, | 0.0); | ( 386212.5, |
| 3814048.4,  | 897.2,     | 1981.6, | 0.0);   |       |             |
| ( 386223.9, | 3814028.0, | 889.5,  | 1989.7, | 0.0); | ( 386235.3, |

```

3814007.5, 880.5, 1989.7, 0.0);
(386246.7, 3813987.1, 872.6, 1989.7, 0.0); (386258.1,
3813966.6, 865.4, 1989.7, 0.0);
(386269.5, 3813946.2, 860.7, 1989.7, 0.0); (386281.0,
3813925.7, 861.3, 1989.7, 0.0);
(386292.4, 3813905.3, 866.4, 1989.7, 0.0); (386303.8,
3813884.8, 873.2, 1989.7, 0.0);
(386315.2, 3813864.3, 878.6, 1989.7, 0.0); (386326.6,
3813843.9, 881.6, 1989.7, 0.0);
(386338.0, 3813823.4, 881.8, 1989.7, 0.0); (386349.5,
3813803.0, 881.2, 1989.7, 0.0);
(386360.9, 3813782.5, 879.4, 1989.7, 0.0); (386372.3,
3813762.1, 876.3, 1989.7, 0.0);
(386383.7, 3813741.6, 872.1, 1989.7, 0.0); (386395.1,
3813721.2, 867.4, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 316

```

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(386406.6, 3813700.7, 859.8, 1989.7, 0.0); (386418.0,
3813680.2, 854.7, 1989.7, 0.0);
(386429.4, 3813659.8, 856.4, 1989.7, 0.0); (386440.8,
3813639.3, 860.7, 1989.7, 0.0);
(386452.2, 3813618.9, 864.5, 1989.7, 0.0); (386463.6,
3813598.4, 868.5, 1989.7, 0.0);
(386475.1, 3813578.0, 871.4, 1989.7, 0.0); (386486.5,
3813557.5, 875.7, 1989.7, 0.0);
(386497.9, 3813537.1, 877.8, 1989.7, 0.0); (386509.3,
3813516.6, 884.8, 1989.7, 0.0);
(386520.7, 3813496.1, 890.9, 1989.7, 0.0); (386532.2,
3813475.7, 895.7, 1989.7, 0.0);
(386543.6, 3813455.2, 901.2, 1989.7, 0.0); (386555.0,
3813434.8, 908.3, 1989.7, 0.0);
(386566.4, 3813414.3, 916.4, 1989.7, 0.0); (386577.8,
3813393.9, 924.9, 1989.7, 0.0);
(386589.2, 3813373.4, 934.4, 1989.7, 0.0); (386600.7,
3813353.0, 944.9, 1989.7, 0.0);
(386612.1, 3813332.5, 955.4, 1989.7, 0.0); (386623.5,
3813312.0, 966.6, 1989.7, 0.0);
(386634.9, 3813291.6, 975.4, 1989.7, 0.0); (386646.3,
3813271.1, 983.6, 1985.5, 0.0);
(386657.8, 3813250.7, 992.8, 1980.1, 0.0); (386669.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813230.2,  | 999.5,     | 1980.1, | 0.0);   |       |             |
| ( 386680.6, | 3813209.8, | 1004.7, | 1980.1, | 0.0); | ( 386692.0, |
| 3813189.3,  | 1007.0,    | 1980.1, | 0.0);   |       |             |
| ( 386703.4, | 3813168.9, | 1007.6, | 1980.1, | 0.0); | ( 386714.8, |
| 3813148.4,  | 1008.6,    | 1980.1, | 0.0);   |       |             |
| ( 386726.3, | 3813127.9, | 1010.5, | 1980.1, | 0.0); | ( 386737.7, |
| 3813107.5,  | 1015.2,    | 1980.1, | 0.0);   |       |             |
| ( 386749.1, | 3813087.0, | 1020.9, | 1980.1, | 0.0); | ( 386760.5, |
| 3813066.6,  | 1028.1,    | 1980.1, | 0.0);   |       |             |
| ( 386771.9, | 3813046.1, | 1039.4, | 1956.1, | 0.0); | ( 386783.3, |
| 3813025.7,  | 1051.9,    | 1955.9, | 0.0);   |       |             |
| ( 386794.8, | 3813005.2, | 1062.5, | 1937.2, | 0.0); | ( 386806.2, |
| 3812984.8,  | 1066.7,    | 1937.2, | 0.0);   |       |             |
| ( 386817.6, | 3812964.3, | 1073.4, | 1937.2, | 0.0); | ( 386829.0, |
| 3812943.8,  | 1084.2,    | 1937.2, | 0.0);   |       |             |
| ( 386840.4, | 3812923.4, | 1091.8, | 1255.1, | 0.0); | ( 386851.9, |
| 3812902.9,  | 1096.8,    | 1255.1, | 0.0);   |       |             |
| ( 386863.3, | 3812882.5, | 1098.1, | 1255.1, | 0.0); | ( 386874.7, |
| 3812862.0,  | 1096.5,    | 1255.1, | 0.0);   |       |             |
| ( 386886.1, | 3812841.6, | 1089.9, | 1937.2, | 0.0); | ( 386897.5, |
| 3812821.1,  | 1083.3,    | 1937.2, | 0.0);   |       |             |
| ( 386908.9, | 3812800.7, | 1074.8, | 1956.1, | 0.0); | ( 386920.4, |
| 3812780.2,  | 1064.1,    | 1980.1, | 0.0);   |       |             |
| ( 386931.8, | 3812759.8, | 1056.0, | 1980.1, | 0.0); | ( 386943.2, |
| 3812739.3,  | 1050.4,    | 1980.1, | 0.0);   |       |             |
| ( 386954.6, | 3812718.8, | 1052.8, | 1980.1, | 0.0); | ( 386966.0, |
| 3812698.4,  | 1061.6,    | 1980.1, | 0.0);   |       |             |
| ( 386977.5, | 3812677.9, | 1068.1, | 1980.1, | 0.0); | ( 386988.9, |
| 3812657.5,  | 1066.0,    | 1980.1, | 0.0);   |       |             |
| ( 387000.3, | 3812637.0, | 1053.6, | 1988.2, | 0.0); | ( 387011.7, |
| 3812616.6,  | 1040.6,    | 1989.7, | 0.0);   |       |             |
| ( 387023.1, | 3812596.1, | 1034.4, | 1989.7, | 0.0); | ( 387034.5, |
| 3812575.6,  | 1026.4,    | 1989.7, | 0.0);   |       |             |
| ( 387046.0, | 3812555.2, | 1012.0, | 1989.7, | 0.0); | ( 387057.4, |
| 3812534.7,  | 989.9,     | 1989.7, | 0.0);   |       |             |
| ( 387068.8, | 3812514.3, | 971.8,  | 1989.7, | 0.0); | ( 387080.2, |
| 3812493.8,  | 961.9,     | 1989.7, | 0.0);   |       |             |
| ( 387091.6, | 3812473.4, | 958.5,  | 1989.7, | 0.0); | ( 387103.0, |
| 3812452.9,  | 963.0,     | 1989.7, | 0.0);   |       |             |
| ( 387114.5, | 3812432.5, | 971.4,  | 1989.7, | 0.0); | ( 387125.9, |
| 3812412.0,  | 979.4,     | 1989.7, | 0.0);   |       |             |
| ( 387137.3, | 3812391.5, | 984.2,  | 1989.7, | 0.0); | ( 387148.7, |
| 3812371.1,  | 993.2,     | 1989.7, | 0.0);   |       |             |
| ( 387160.1, | 3812350.6, | 1005.8, | 1989.7, | 0.0); | ( 387171.5, |
| 3812330.2,  | 1018.9,    | 1989.7, | 0.0);   |       |             |
| ( 387183.0, | 3812309.7, | 1027.2, | 1989.7, | 0.0); | ( 387194.4, |
| 3812289.3,  | 1029.9,    | 1989.7, | 0.0);   |       |             |
| ( 387205.8, | 3812268.8, | 1022.2, | 1989.7, | 0.0); | ( 387217.2, |
| 3812248.4,  | 1013.9,    | 1989.7, | 0.0);   |       |             |
| ( 387228.6, | 3812227.9, | 1007.9, | 1989.7, | 0.0); | ( 387240.1, |

```

3812207.4, 1004.5, 1989.7, 0.0);
(387251.5, 3812187.0, 997.8, 1989.7, 0.0); (387262.9,
3812166.5, 987.2, 1989.7, 0.0);
(387274.3, 3812146.1, 973.9, 1989.7, 0.0); (387285.7,
3812125.6, 956.0, 1989.7, 0.0);
(387297.1, 3812105.2, 941.5, 1989.7, 0.0); (387308.6,
3812084.7, 928.2, 1989.7, 0.0);
(387320.0, 3812064.3, 915.7, 1989.7, 0.0); (387331.4,
3812043.8, 904.1, 1989.7, 0.0);
(387342.8, 3812023.3, 891.1, 1989.7, 0.0); (387354.2,
3812002.9, 878.1, 1989.7, 0.0);
(387365.7, 3811982.4, 865.5, 1989.7, 0.0); (387377.1,
3811962.0, 854.0, 1989.7, 0.0);
(387388.5, 3811941.5, 843.1, 1989.7, 0.0); (387399.9,
3811921.1, 833.4, 1989.7, 0.0);
(387411.3, 3811900.6, 829.2, 1989.7, 0.0); (387422.8,
3811880.2, 828.9, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 317

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(387434.2, 3811859.7, 834.8, 1989.7, 0.0); (387445.6,
3811839.2, 835.7, 1989.7, 0.0);
(387457.0, 3811818.8, 834.5, 1989.7, 0.0); (387468.4,
3811798.3, 833.3, 1989.7, 0.0);
(387479.8, 3811777.9, 829.7, 1989.7, 0.0); (387491.2,
3811757.4, 826.4, 1989.7, 0.0);
(387502.7, 3811737.0, 824.5, 1989.7, 0.0); (387514.1,
3811716.5, 817.8, 1989.7, 0.0);
(387525.5, 3811696.0, 808.4, 1989.7, 0.0); (387536.9,
3811675.6, 798.1, 1989.7, 0.0);
(387548.3, 3811655.1, 789.8, 1989.7, 0.0); (387559.8,
3811634.7, 782.5, 1989.7, 0.0);
(387571.2, 3811614.2, 776.5, 1989.7, 0.0); (387582.6,
3811593.8, 772.6, 1989.7, 0.0);
(387594.0, 3811573.3, 768.9, 1989.7, 0.0); (387605.4,
3811552.9, 765.1, 1989.7, 0.0);
(387616.8, 3811532.4, 763.0, 1989.7, 0.0); (387628.3,
3811511.9, 761.9, 1989.7, 0.0);
(387639.7, 3811491.5, 761.2, 1989.7, 0.0); (387651.1,
3811471.0, 760.2, 1989.7, 0.0);
(387662.5, 3811450.6, 758.7, 1989.7, 0.0); (387673.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811430.1,  | 758.2,     | 1989.7, | 0.0);   |       |             |
| ( 387685.4, | 3811409.7, | 758.3,  | 1989.7, | 0.0); | ( 387696.8, |
| 3811389.2,  | 757.5,     | 1989.7, | 0.0);   |       |             |
| ( 387708.2, | 3811368.8, | 755.9,  | 1989.7, | 0.0); | ( 387719.6, |
| 3811348.3,  | 754.2,     | 1989.7, | 0.0);   |       |             |
| ( 387731.0, | 3811327.8, | 752.3,  | 1989.7, | 0.0); | ( 387742.5, |
| 3811307.4,  | 751.6,     | 1989.7, | 0.0);   |       |             |
| ( 387753.9, | 3811286.9, | 751.3,  | 1989.7, | 0.0); | ( 387765.3, |
| 3811266.5,  | 751.3,     | 1989.7, | 0.0);   |       |             |
| ( 387776.7, | 3811246.0, | 751.3,  | 1989.7, | 0.0); | ( 387788.1, |
| 3811225.6,  | 751.4,     | 1989.7, | 0.0);   |       |             |
| ( 387799.5, | 3811205.1, | 751.5,  | 1989.7, | 0.0); | ( 387811.0, |
| 3811184.7,  | 752.8,     | 1989.7, | 0.0);   |       |             |
| ( 387822.4, | 3811164.2, | 754.0,  | 1989.7, | 0.0); | ( 387833.8, |
| 3811143.8,  | 755.6,     | 1989.7, | 0.0);   |       |             |
| ( 387845.2, | 3811123.3, | 757.2,  | 1989.7, | 0.0); | ( 387856.6, |
| 3811102.8,  | 758.7,     | 1989.7, | 0.0);   |       |             |
| ( 387868.0, | 3811082.4, | 759.8,  | 1989.7, | 0.0); | ( 387879.5, |
| 3811061.9,  | 760.7,     | 1989.7, | 0.0);   |       |             |
| ( 387890.9, | 3811041.5, | 761.6,  | 1989.7, | 0.0); | ( 387902.3, |
| 3811021.0,  | 762.6,     | 1989.7, | 0.0);   |       |             |
| ( 387913.7, | 3811000.6, | 763.6,  | 1989.7, | 0.0); | ( 387925.1, |
| 3810980.1,  | 764.5,     | 1989.7, | 0.0);   |       |             |
| ( 387936.5, | 3810959.6, | 765.4,  | 1989.7, | 0.0); | ( 387948.0, |
| 3810939.2,  | 766.4,     | 1989.7, | 0.0);   |       |             |
| ( 387959.4, | 3810918.7, | 767.6,  | 1989.7, | 0.0); | ( 387970.8, |
| 3810898.3,  | 768.6,     | 1989.7, | 0.0);   |       |             |
| ( 387982.2, | 3810877.8, | 769.8,  | 1989.7, | 0.0); | ( 387993.6, |
| 3810857.4,  | 771.0,     | 1989.7, | 0.0);   |       |             |
| ( 388005.1, | 3810836.9, | 772.2,  | 1989.7, | 0.0); | ( 388016.5, |
| 3810816.5,  | 773.4,     | 1989.7, | 0.0);   |       |             |
| ( 388027.9, | 3810796.0, | 774.3,  | 1989.7, | 0.0); | ( 388039.3, |
| 3810775.5,  | 775.5,     | 1989.7, | 0.0);   |       |             |
| ( 388050.7, | 3810755.1, | 776.4,  | 1989.7, | 0.0); | ( 388062.1, |
| 3810734.6,  | 777.6,     | 1989.7, | 0.0);   |       |             |
| ( 388073.6, | 3810714.2, | 778.8,  | 1989.7, | 0.0); | ( 388085.0, |
| 3810693.7,  | 780.1,     | 1989.7, | 0.0);   |       |             |
| ( 388096.4, | 3810673.3, | 781.2,  | 1989.7, | 0.0); | ( 388107.8, |
| 3810652.8,  | 782.5,     | 1989.7, | 0.0);   |       |             |
| ( 388119.2, | 3810632.4, | 783.7,  | 1989.7, | 0.0); | ( 388130.6, |
| 3810611.9,  | 784.9,     | 1989.7, | 0.0);   |       |             |
| ( 388142.1, | 3810591.4, | 786.1,  | 1989.7, | 0.0); | ( 388153.5, |
| 3810571.0,  | 787.4,     | 1989.7, | 0.0);   |       |             |
| ( 388164.9, | 3810550.5, | 788.7,  | 1989.7, | 0.0); | ( 388176.3, |
| 3810530.1,  | 789.9,     | 1989.7, | 0.0);   |       |             |
| ( 388187.7, | 3810509.6, | 791.3,  | 1989.7, | 0.0); | ( 388199.2, |
| 3810489.2,  | 792.6,     | 1989.7, | 0.0);   |       |             |
| ( 388210.6, | 3810468.7, | 793.9,  | 1989.7, | 0.0); | ( 388222.0, |
| 3810448.3,  | 795.2,     | 1989.7, | 0.0);   |       |             |
| ( 388233.4, | 3810427.8, | 796.4,  | 1989.7, | 0.0); | ( 388244.8, |



```

3810407.3, 797.7, 1989.7, 0.0);
 (388256.2, 3810386.9, 799.1, 1989.7, 0.0); (388267.7,
3810366.4, 800.5, 1989.7, 0.0);
 (388279.1, 3810346.0, 802.0, 1989.7, 0.0); (388290.5,
3810325.5, 803.6, 1989.7, 0.0);
 (388301.9, 3810305.1, 804.7, 1989.7, 0.0); (388313.3,
3810284.6, 806.4, 1989.7, 0.0);
 (388324.8, 3810264.2, 807.4, 1989.7, 0.0); (388336.2,
3810243.7, 808.9, 1989.7, 0.0);
 (388347.6, 3810223.2, 810.8, 1989.7, 0.0); (388359.0,
3810202.8, 812.6, 1989.7, 0.0);
 (388370.4, 3810182.3, 813.0, 1989.7, 0.0); (388381.8,
3810161.9, 814.0, 1989.7, 0.0);
 (388393.3, 3810141.4, 815.3, 1989.7, 0.0); (388404.7,
3810121.0, 816.6, 1989.7, 0.0);
 (388416.1, 3810100.5, 818.0, 1989.7, 0.0); (388427.5,
3810080.1, 819.6, 1989.7, 0.0);
 (388438.9, 3810059.6, 821.3, 1989.7, 0.0); (388450.3,
3810039.1, 822.6, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 318

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (388461.8, 3810018.7, 824.1, 1989.7, 0.0); (388473.2,
3809998.2, 826.3, 1989.7, 0.0);
 (388484.6, 3809977.8, 828.0, 1989.7, 0.0); (388496.0,
3809957.3, 829.6, 1989.7, 0.0);
 (388507.4, 3809936.9, 831.0, 1989.7, 0.0); (388518.9,
3809916.4, 832.4, 1989.7, 0.0);
 (388530.3, 3809896.0, 834.1, 1989.7, 0.0); (388541.7,
3809875.5, 835.9, 1989.7, 0.0);
 (388553.1, 3809855.0, 838.0, 1989.7, 0.0); (388564.5,
3809834.6, 840.2, 1989.7, 0.0);
 (388576.0, 3809814.1, 842.7, 1989.7, 0.0); (388587.4,
3809793.7, 845.4, 1989.7, 0.0);
 (388598.8, 3809773.2, 848.2, 1989.7, 0.0); (388610.2,
3809752.8, 851.7, 1989.7, 0.0);
 (388621.6, 3809732.3, 854.0, 1989.7, 0.0); (388633.0,
3809711.9, 855.6, 1989.7, 0.0);
 (388644.5, 3809691.4, 856.4, 1989.7, 0.0); (388655.9,
3809670.9, 862.1, 1989.7, 0.0);
 (388667.3, 3809650.5, 869.8, 1989.7, 0.0); (388678.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809630.0,  | 874.3,     | 1989.7, | 0.0);   |       |             |
| ( 388690.1, | 3809609.6, | 878.9,  | 1989.7, | 0.0); | ( 388701.5, |
| 3809589.1,  | 883.9,     | 1989.7, | 0.0);   |       |             |
| ( 388713.0, | 3809568.7, | 888.5,  | 1989.7, | 0.0); | ( 388724.4, |
| 3809548.2,  | 891.4,     | 1989.7, | 0.0);   |       |             |
| ( 388735.8, | 3809527.8, | 893.5,  | 1989.7, | 0.0); | ( 388747.2, |
| 3809507.3,  | 893.4,     | 1989.7, | 0.0);   |       |             |
| ( 388758.6, | 3809486.8, | 896.1,  | 1989.7, | 0.0); | ( 388770.0, |
| 3809466.4,  | 900.0,     | 1989.7, | 0.0);   |       |             |
| ( 388781.5, | 3809445.9, | 905.7,  | 1989.7, | 0.0); | ( 388792.9, |
| 3809425.5,  | 910.5,     | 1989.7, | 0.0);   |       |             |
| ( 388804.3, | 3809405.0, | 914.3,  | 1989.7, | 0.0); | ( 388815.7, |
| 3809384.6,  | 919.3,     | 1989.7, | 0.0);   |       |             |
| ( 388827.1, | 3809364.1, | 928.6,  | 1989.7, | 0.0); | ( 388838.6, |
| 3809343.7,  | 940.7,     | 1989.7, | 0.0);   |       |             |
| ( 388850.0, | 3809323.2, | 953.7,  | 1989.7, | 0.0); | ( 388861.4, |
| 3809302.8,  | 964.0,     | 1989.7, | 0.0);   |       |             |
| ( 388872.8, | 3809282.3, | 970.9,  | 1989.7, | 0.0); | ( 388884.2, |
| 3809261.8,  | 968.5,     | 1989.7, | 0.0);   |       |             |
| ( 388895.6, | 3809241.4, | 964.2,  | 1989.7, | 0.0); | ( 388907.1, |
| 3809220.9,  | 959.3,     | 1989.7, | 0.0);   |       |             |
| ( 388918.5, | 3809200.5, | 960.3,  | 1989.7, | 0.0); | ( 388929.9, |
| 3809180.0,  | 963.3,     | 1989.7, | 0.0);   |       |             |
| ( 388941.3, | 3809159.6, | 967.3,  | 1989.7, | 0.0); | ( 388952.7, |
| 3809139.1,  | 973.9,     | 1989.7, | 0.0);   |       |             |
| ( 388964.1, | 3809118.6, | 979.4,  | 1989.7, | 0.0); | ( 388975.6, |
| 3809098.2,  | 982.6,     | 1989.7, | 0.0);   |       |             |
| ( 388987.0, | 3809077.7, | 988.5,  | 1989.7, | 0.0); | ( 388998.4, |
| 3809057.3,  | 993.8,     | 1989.7, | 0.0);   |       |             |
| ( 389009.8, | 3809036.8, | 1003.7, | 1989.7, | 0.0); | ( 389021.2, |
| 3809016.4,  | 1016.4,    | 1989.7, | 0.0);   |       |             |
| ( 389032.7, | 3808995.9, | 1029.3, | 1989.7, | 0.0); | ( 389044.1, |
| 3808975.5,  | 1042.0,    | 1989.7, | 0.0);   |       |             |
| ( 389055.5, | 3808955.0, | 1057.5, | 1989.7, | 0.0); | ( 389066.9, |
| 3808934.5,  | 1073.4,    | 1989.7, | 0.0);   |       |             |
| ( 389078.3, | 3808914.1, | 1088.2, | 1989.7, | 0.0); | ( 389089.8, |
| 3808893.6,  | 1096.9,    | 1989.7, | 0.0);   |       |             |
| ( 389101.2, | 3808873.2, | 1098.7, | 1989.7, | 0.0); | ( 389112.6, |
| 3808852.7,  | 1094.3,    | 1989.7, | 0.0);   |       |             |
| ( 389124.0, | 3808832.3, | 1091.2, | 1989.7, | 0.0); | ( 389135.4, |
| 3808811.8,  | 1089.1,    | 1989.7, | 0.0);   |       |             |
| ( 389146.8, | 3808791.4, | 1088.1, | 1989.7, | 0.0); | ( 389158.3, |
| 3808770.9,  | 1083.5,    | 1989.7, | 0.0);   |       |             |
| ( 389169.7, | 3808750.4, | 1078.6, | 1989.7, | 0.0); | ( 389181.1, |
| 3808730.0,  | 1071.2,    | 1989.7, | 0.0);   |       |             |
| ( 389192.5, | 3808709.5, | 1063.8, | 1989.7, | 0.0); | ( 389203.9, |
| 3808689.1,  | 1054.5,    | 1989.7, | 0.0);   |       |             |
| ( 389215.3, | 3808668.6, | 1055.0, | 1989.7, | 0.0); | ( 389226.8, |
| 3808648.2,  | 1064.2,    | 1989.7, | 0.0);   |       |             |
| ( 389238.2, | 3808627.7, | 1075.8, | 1989.7, | 0.0); | ( 389249.6, |

```

3808607.2, 1079.8, 1989.7, 0.0);
(389261.0, 3808586.8, 1078.6, 1989.7, 0.0); (389272.4,
3808566.3, 1075.5, 1989.7, 0.0);
(389283.8, 3808545.9, 1075.1, 1989.7, 0.0); (389295.3,
3808525.4, 1071.5, 1989.7, 0.0);
(389306.7, 3808505.0, 1067.0, 1989.7, 0.0); (389318.1,
3808484.5, 1063.3, 1989.7, 0.0);
(389329.5, 3808464.1, 1060.2, 1989.7, 0.0); (389340.9,
3808443.6, 1056.2, 1989.7, 0.0);
(389375.6, 3808420.6, 1056.9, 1989.7, 0.0); (389398.9,
3808418.0, 1066.6, 1989.7, 0.0);
(389422.2, 3808415.4, 1070.1, 1989.7, 0.0); (389445.5,
3808412.8, 1070.1, 1989.7, 0.0);
(389468.8, 3808410.2, 1072.0, 1989.7, 0.0); (389492.1,
3808407.7, 1073.5, 1989.7, 0.0);
(389515.3, 3808405.1, 1074.3, 1989.7, 0.0); (389538.6,
3808402.5, 1075.4, 1989.7, 0.0);
(389561.9, 3808399.9, 1075.2, 1989.7, 0.0); (389585.2,
3808397.3, 1071.8, 1989.7, 0.0);
(389608.5, 3808394.8, 1066.7, 1989.7, 0.0); (389631.8,
3808392.2, 1063.8, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 319

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(389655.0, 3808389.6, 1061.7, 1989.7, 0.0); (389678.3,
3808387.0, 1055.0, 1989.7, 0.0);
(389701.6, 3808384.4, 1052.1, 1989.7, 0.0); (389724.9,
3808381.8, 1054.6, 1989.7, 0.0);
(389748.2, 3808379.3, 1055.5, 1989.7, 0.0); (389771.5,
3808376.7, 1056.3, 1989.7, 0.0);
(389794.8, 3808374.1, 1060.3, 1989.7, 0.0); (389818.0,
3808371.5, 1066.3, 1989.7, 0.0);
(389841.3, 3808368.9, 1070.5, 1989.7, 0.0); (389864.6,
3808366.3, 1072.5, 1989.7, 0.0);
(389887.9, 3808363.8, 1075.1, 1989.7, 0.0); (389911.2,
3808361.2, 1079.2, 1989.7, 0.0);
(389934.5, 3808358.6, 1082.8, 1989.7, 0.0); (389957.7,
3808356.0, 1083.5, 1989.7, 0.0);
(389981.0, 3808353.4, 1082.6, 1989.7, 0.0); (390004.3,
3808350.9, 1082.0, 1989.7, 0.0);
(390027.6, 3808348.3, 1082.1, 1989.7, 0.0); (390050.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808345.7,  | 1081.9,    | 1989.7, | 0.0);   |       |             |
| ( 390074.2, | 3808343.1, | 1082.1, | 1989.7, | 0.0); | ( 390097.4, |
| 3808340.5,  | 1081.5,    | 1989.7, | 0.0);   |       |             |
| ( 390120.7, | 3808337.9, | 1077.1, | 1989.7, | 0.0); | ( 390144.0, |
| 3808335.4,  | 1070.1,    | 1989.7, | 0.0);   |       |             |
| ( 390167.3, | 3808332.8, | 1063.6, | 1989.7, | 0.0); | ( 390190.6, |
| 3808330.2,  | 1056.6,    | 1989.7, | 0.0);   |       |             |
| ( 390213.9, | 3808327.6, | 1050.2, | 1989.7, | 0.0); | ( 390237.1, |
| 3808325.0,  | 1044.8,    | 1989.7, | 0.0);   |       |             |
| ( 390260.4, | 3808322.5, | 1045.2, | 1989.7, | 0.0); | ( 390283.7, |
| 3808319.9,  | 1053.5,    | 1989.7, | 0.0);   |       |             |
| ( 390307.0, | 3808317.3, | 1061.8, | 1989.7, | 0.0); | ( 390330.3, |
| 3808314.7,  | 1061.0,    | 1989.7, | 0.0);   |       |             |
| ( 390353.6, | 3808312.1, | 1054.3, | 1989.7, | 0.0); | ( 390376.8, |
| 3808309.5,  | 1053.1,    | 1989.7, | 0.0);   |       |             |
| ( 390400.1, | 3808307.0, | 1062.6, | 1989.7, | 0.0); | ( 390423.4, |
| 3808304.4,  | 1074.5,    | 1989.7, | 0.0);   |       |             |
| ( 390446.7, | 3808301.8, | 1079.0, | 1989.7, | 0.0); | ( 390470.0, |
| 3808299.2,  | 1079.6,    | 1989.7, | 0.0);   |       |             |
| ( 390493.3, | 3808296.6, | 1078.9, | 1989.7, | 0.0); | ( 390516.5, |
| 3808294.1,  | 1079.6,    | 1989.7, | 0.0);   |       |             |
| ( 390539.8, | 3808291.5, | 1080.9, | 1989.7, | 0.0); | ( 390563.1, |
| 3808288.9,  | 1081.0,    | 1989.7, | 0.0);   |       |             |
| ( 390586.4, | 3808286.3, | 1079.6, | 1989.7, | 0.0); | ( 390609.7, |
| 3808283.7,  | 1077.1,    | 1989.7, | 0.0);   |       |             |
| ( 390633.0, | 3808281.1, | 1075.0, | 1989.7, | 0.0); | ( 390656.2, |
| 3808278.6,  | 1075.5,    | 1989.7, | 0.0);   |       |             |
| ( 390679.5, | 3808276.0, | 1077.6, | 1989.7, | 0.0); | ( 390702.8, |
| 3808273.4,  | 1079.0,    | 1989.7, | 0.0);   |       |             |
| ( 390726.1, | 3808270.8, | 1080.3, | 1989.7, | 0.0); | ( 390749.4, |
| 3808268.2,  | 1080.1,    | 1989.7, | 0.0);   |       |             |
| ( 390772.7, | 3808265.7, | 1078.8, | 1989.7, | 0.0); | ( 390796.0, |
| 3808263.1,  | 1079.0,    | 1989.7, | 0.0);   |       |             |
| ( 390819.2, | 3808260.5, | 1079.6, | 1989.7, | 0.0); | ( 390842.5, |
| 3808257.9,  | 1081.0,    | 1989.7, | 0.0);   |       |             |
| ( 390865.8, | 3808255.3, | 1082.9, | 1989.7, | 0.0); | ( 390889.1, |
| 3808252.8,  | 1084.8,    | 1989.7, | 0.0);   |       |             |
| ( 390912.4, | 3808250.2, | 1086.8, | 1989.7, | 0.0); | ( 390935.7, |
| 3808247.6,  | 1088.6,    | 1989.7, | 0.0);   |       |             |
| ( 390958.9, | 3808245.0, | 1090.4, | 1989.7, | 0.0); | ( 390982.2, |
| 3808242.4,  | 1093.7,    | 1989.7, | 0.0);   |       |             |
| ( 391005.5, | 3808239.8, | 1097.6, | 1989.7, | 0.0); | ( 391028.8, |
| 3808237.3,  | 1100.8,    | 1989.7, | 0.0);   |       |             |
| ( 391052.1, | 3808234.7, | 1102.4, | 1989.7, | 0.0); | ( 391075.4, |
| 3808232.1,  | 1103.9,    | 1989.7, | 0.0);   |       |             |
| ( 391098.6, | 3808229.5, | 1105.8, | 1989.7, | 0.0); | ( 391121.9, |
| 3808226.9,  | 1109.7,    | 1989.7, | 0.0);   |       |             |
| ( 391145.2, | 3808224.3, | 1113.7, | 1989.7, | 0.0); | ( 391168.5, |
| 3808221.8,  | 1114.3,    | 1989.7, | 0.0);   |       |             |
| ( 391191.8, | 3808219.2, | 1111.8, | 1989.7, | 0.0); | ( 391215.1, |

```

3808216.6, 1111.6, 1989.7, 0.0);
(391238.3, 3808214.0, 1119.0, 1989.7, 0.0); (391261.6,
3808211.4, 1130.0, 1989.7, 0.0);
(391284.9, 3808208.9, 1141.0, 1989.7, 0.0); (391308.2,
3808206.3, 1143.0, 1989.7, 0.0);
(391331.5, 3808203.7, 1137.9, 1989.7, 0.0); (391354.8,
3808201.1, 1131.2, 1989.7, 0.0);
(391378.0, 3808198.5, 1124.3, 1989.7, 0.0); (391401.3,
3808195.9, 1124.0, 1989.7, 0.0);
(391424.6, 3808193.4, 1126.4, 1989.7, 0.0); (391447.9,
3808190.8, 1125.2, 1989.7, 0.0);
(391471.2, 3808188.2, 1121.4, 1989.7, 0.0); (391494.5,
3808185.6, 1117.7, 1989.7, 0.0);
(391517.8, 3808183.0, 1111.2, 1989.7, 0.0); (391541.0,
3808180.5, 1101.8, 1989.7, 0.0);
(391564.3, 3808177.9, 1092.0, 1989.7, 0.0); (391587.6,
3808175.3, 1084.8, 1989.7, 0.0);
(391610.9, 3808172.7, 1083.3, 1989.7, 0.0); (391634.2,
3808170.1, 1083.9, 1989.7, 0.0);
(391657.5, 3808167.5, 1078.1, 1989.7, 0.0); (391680.7,
3808165.0, 1068.3, 1989.7, 0.0);
(391704.0, 3808162.4, 1058.9, 1989.7, 0.0); (391727.3,
3808159.8, 1053.7, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 320

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391750.6, 3808157.2, 1056.1, 1989.7, 0.0); (391773.9,
3808154.6, 1064.0, 1989.7, 0.0);
(391797.2, 3808152.1, 1071.8, 1989.7, 0.0); (391820.4,
3808149.5, 1071.9, 1989.7, 0.0);
(391843.7, 3808146.9, 1066.0, 1989.7, 0.0); (391867.0,
3808144.3, 1057.9, 1989.7, 0.0);
(391890.3, 3808141.7, 1050.3, 1989.7, 0.0); (391913.6,
3808139.1, 1043.2, 1989.7, 0.0);
(391936.9, 3808136.6, 1035.9, 1989.7, 0.0); (391960.1,
3808134.0, 1030.3, 1989.7, 0.0);
(391983.4, 3808131.4, 1026.0, 1989.7, 0.0); (392006.7,
3808128.8, 1024.3, 1989.7, 0.0);
(392030.0, 3808126.2, 1027.8, 1989.7, 0.0); (392053.3,
3808123.7, 1033.6, 1989.7, 0.0);
(392076.6, 3808121.1, 1039.0, 1989.7, 0.0); (392099.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3808118.5,  | 1044.0,    | 1989.7, | 0.0);   |       |             |
| ( 392123.1, | 3808115.9, | 1049.4, | 1989.7, | 0.0); | ( 392146.4, |
| 3808113.3,  | 1055.6,    | 1989.7, | 0.0);   |       |             |
| ( 392169.7, | 3808110.8, | 1064.2, | 1989.7, | 0.0); | ( 392193.0, |
| 3808108.2,  | 1073.7,    | 1989.7, | 0.0);   |       |             |
| ( 392216.3, | 3808105.6, | 1081.4, | 1989.7, | 0.0); | ( 392239.5, |
| 3808103.0,  | 1089.0,    | 1989.7, | 0.0);   |       |             |
| ( 392262.8, | 3808100.4, | 1099.4, | 1989.7, | 0.0); | ( 392286.1, |
| 3808097.8,  | 1112.0,    | 1989.7, | 0.0);   |       |             |
| ( 392309.4, | 3808095.3, | 1125.5, | 1989.7, | 0.0); | ( 392332.7, |
| 3808092.7,  | 1137.3,    | 1989.7, | 0.0);   |       |             |
| ( 392356.0, | 3808090.1, | 1146.6, | 1989.7, | 0.0); | ( 392379.2, |
| 3808087.5,  | 1157.7,    | 1989.7, | 0.0);   |       |             |
| ( 392402.5, | 3808084.9, | 1169.8, | 1989.7, | 0.0); | ( 392425.8, |
| 3808082.3,  | 1181.5,    | 1989.7, | 0.0);   |       |             |
| ( 392449.1, | 3808079.8, | 1192.4, | 1989.7, | 0.0); | ( 392472.4, |
| 3808077.2,  | 1201.2,    | 1989.7, | 0.0);   |       |             |
| ( 392495.7, | 3808074.6, | 1207.0, | 1989.7, | 0.0); | ( 392519.0, |
| 3808072.0,  | 1207.7,    | 1989.7, | 0.0);   |       |             |
| ( 392542.2, | 3808069.4, | 1205.7, | 1989.7, | 0.0); | ( 392565.5, |
| 3808066.9,  | 1209.1,    | 1989.7, | 0.0);   |       |             |
| ( 392588.8, | 3808064.3, | 1218.7, | 1989.7, | 0.0); | ( 392612.1, |
| 3808061.7,  | 1223.9,    | 1989.7, | 0.0);   |       |             |
| ( 392635.4, | 3808059.1, | 1227.6, | 1989.7, | 0.0); | ( 392658.7, |
| 3808056.5,  | 1229.2,    | 1989.7, | 0.0);   |       |             |
| ( 392681.9, | 3808053.9, | 1227.9, | 1989.7, | 0.0); | ( 392705.2, |
| 3808051.4,  | 1223.2,    | 1989.7, | 0.0);   |       |             |
| ( 392728.5, | 3808048.8, | 1219.0, | 1989.7, | 0.0); | ( 392751.8, |
| 3808046.2,  | 1214.9,    | 1989.7, | 0.0);   |       |             |
| ( 392775.1, | 3808043.6, | 1211.4, | 1989.7, | 0.0); | ( 392798.4, |
| 3808041.0,  | 1210.6,    | 1989.7, | 0.0);   |       |             |
| ( 392821.6, | 3808038.5, | 1213.4, | 1989.7, | 0.0); | ( 392844.9, |
| 3808035.9,  | 1217.4,    | 1989.7, | 0.0);   |       |             |
| ( 392868.2, | 3808033.3, | 1221.1, | 1989.7, | 0.0); | ( 392891.5, |
| 3808030.7,  | 1227.5,    | 1989.7, | 0.0);   |       |             |
| ( 392914.8, | 3808028.1, | 1233.2, | 1989.7, | 0.0); | ( 392938.1, |
| 3808025.5,  | 1239.0,    | 1989.7, | 0.0);   |       |             |
| ( 392961.3, | 3808023.0, | 1244.1, | 1989.7, | 0.0); | ( 392984.6, |
| 3808020.4,  | 1250.4,    | 1989.7, | 0.0);   |       |             |
| ( 393007.9, | 3808017.8, | 1257.4, | 1989.7, | 0.0); | ( 393031.2, |
| 3808015.2,  | 1263.3,    | 1989.7, | 0.0);   |       |             |
| ( 393054.5, | 3808012.6, | 1268.3, | 1989.7, | 0.0); | ( 393077.8, |
| 3808010.1,  | 1274.0,    | 1989.7, | 0.0);   |       |             |
| ( 393101.0, | 3808007.5, | 1279.2, | 1989.7, | 0.0); | ( 393124.3, |
| 3808004.9,  | 1282.6,    | 1989.7, | 0.0);   |       |             |
| ( 393147.6, | 3808002.3, | 1285.4, | 1989.7, | 0.0); | ( 393566.7, |
| 3807955.8,  | 1364.9,    | 1989.7, | 0.0);   |       |             |
| ( 393590.0, | 3807953.3, | 1358.1, | 1989.7, | 0.0); | ( 393613.3, |
| 3807950.7,  | 1360.4,    | 1989.7, | 0.0);   |       |             |
| ( 393636.6, | 3807948.1, | 1372.6, | 1989.7, | 0.0); | ( 393659.9, |

```

3807945.5, 1384.8, 1989.7, 0.0);
(393683.1, 3807942.9, 1394.3, 1989.7, 0.0); (393706.4,
3807940.3, 1400.2, 1989.7, 0.0);
(393729.7, 3807937.8, 1398.5, 1989.7, 0.0); (393753.0,
3807935.2, 1393.2, 1989.7, 0.0);
(393776.3, 3807932.6, 1386.5, 1989.7, 0.0); (393799.6,
3807930.0, 1374.6, 1989.7, 0.0);
(393822.8, 3807927.4, 1358.6, 1989.7, 0.0); (393846.1,
3807924.9, 1343.2, 1989.7, 0.0);
(393869.4, 3807922.3, 1330.4, 1989.7, 0.0); (393892.7,
3807919.7, 1319.9, 1989.7, 0.0);
(393916.0, 3807917.1, 1311.5, 1989.7, 0.0); (393939.3,
3807914.5, 1304.8, 1989.7, 0.0);
(393962.5, 3807911.9, 1299.7, 1989.7, 0.0); (393985.8,
3807909.4, 1303.7, 1989.7, 0.0);
(394009.1, 3807906.8, 1316.2, 1989.7, 0.0); (394032.4,
3807904.2, 1330.0, 1989.7, 0.0);
(394055.7, 3807901.6, 1344.0, 1989.7, 0.0); (394079.0,
3807899.0, 1357.9, 1989.7, 0.0);
(394102.2, 3807896.5, 1370.4, 1989.7, 0.0); (394125.5,
3807893.9, 1376.7, 1989.7, 0.0);
(394148.8, 3807891.3, 1372.2, 1989.7, 0.0); (394172.1,
3807888.7, 1359.3, 1989.7, 0.0);
(394195.4, 3807886.1, 1344.2, 1989.7, 0.0); (394218.7,
3807883.5, 1328.0, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 321

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394242.0, 3807881.0, 1310.5, 1989.7, 0.0); (394265.2,
3807878.4, 1294.8, 1989.7, 0.0);
(394288.5, 3807875.8, 1279.8, 1989.7, 0.0); (394311.8,
3807873.2, 1264.5, 1989.7, 0.0);
(394335.1, 3807870.6, 1249.6, 1989.7, 0.0); (394358.4,
3807868.1, 1235.6, 1989.7, 0.0);
(394381.6, 3807865.5, 1222.0, 1989.7, 0.0); (394404.9,
3807862.9, 1208.1, 1989.7, 0.0);
(394428.2, 3807860.3, 1195.7, 2008.9, 0.0); (394451.5,
3807857.7, 1190.1, 2009.6, 0.0);
(394474.8, 3807855.1, 1194.8, 2009.6, 0.0); (394498.1,
3807852.6, 1204.0, 2003.4, 0.0);
(394521.4, 3807850.0, 1211.5, 1989.7, 0.0); (394544.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807847.4,  | 1217.2,    | 1989.7, | 0.0);   |       |             |
| ( 394567.9, | 3807844.8, | 1226.8, | 1989.7, | 0.0); | ( 394591.2, |
| 3807842.2,  | 1239.4,    | 1989.7, | 0.0);   |       |             |
| ( 394614.5, | 3807839.7, | 1253.3, | 1989.7, | 0.0); | ( 394637.8, |
| 3807837.1,  | 1267.3,    | 1989.7, | 0.0);   |       |             |
| ( 394661.1, | 3807834.5, | 1280.9, | 1989.7, | 0.0); | ( 394684.3, |
| 3807831.9,  | 1293.2,    | 1989.7, | 0.0);   |       |             |
| ( 394707.6, | 3807829.3, | 1302.7, | 1989.7, | 0.0); | ( 394730.9, |
| 3807826.8,  | 1308.4,    | 1989.7, | 0.0);   |       |             |
| ( 394754.2, | 3807824.2, | 1315.5, | 1989.7, | 0.0); | ( 394777.5, |
| 3807821.6,  | 1328.2,    | 1989.7, | 0.0);   |       |             |
| ( 394800.8, | 3807819.0, | 1341.0, | 1989.7, | 0.0); | ( 394824.0, |
| 3807816.4,  | 1349.4,    | 1989.7, | 0.0);   |       |             |
| ( 394847.3, | 3807813.8, | 1349.5, | 1989.7, | 0.0); | ( 394870.6, |
| 3807811.3,  | 1339.2,    | 1989.7, | 0.0);   |       |             |
| ( 394893.9, | 3807808.7, | 1326.2, | 1989.7, | 0.0); | ( 394917.2, |
| 3807806.1,  | 1321.1,    | 1989.7, | 0.0);   |       |             |
| ( 394940.5, | 3807803.5, | 1327.4, | 1989.7, | 0.0); | ( 394963.8, |
| 3807800.9,  | 1341.6,    | 1989.7, | 0.0);   |       |             |
| ( 394987.0, | 3807798.3, | 1356.9, | 1989.7, | 0.0); | ( 395010.3, |
| 3807795.8,  | 1371.2,    | 1989.7, | 0.0);   |       |             |
| ( 395033.6, | 3807793.2, | 1383.5, | 1989.7, | 0.0); | ( 395056.9, |
| 3807790.6,  | 1395.9,    | 1989.7, | 0.0);   |       |             |
| ( 395080.2, | 3807788.0, | 1407.9, | 1989.7, | 0.0); | ( 395103.5, |
| 3807785.4,  | 1420.1,    | 1989.7, | 0.0);   |       |             |
| ( 395126.7, | 3807782.9, | 1433.1, | 1989.7, | 0.0); | ( 395150.0, |
| 3807780.3,  | 1446.9,    | 1989.7, | 0.0);   |       |             |
| ( 395173.3, | 3807777.7, | 1461.3, | 1989.7, | 0.0); | ( 395196.6, |
| 3807775.1,  | 1475.9,    | 1989.7, | 0.0);   |       |             |
| ( 395219.9, | 3807772.5, | 1490.5, | 1989.7, | 0.0); | ( 395243.1, |
| 3807769.9,  | 1505.1,    | 1989.7, | 0.0);   |       |             |
| ( 395266.4, | 3807767.4, | 1519.9, | 1830.9, | 0.0); | ( 395289.7, |
| 3807764.8,  | 1535.5,    | 1830.9, | 0.0);   |       |             |
| ( 395313.0, | 3807762.2, | 1552.4, | 1830.9, | 0.0); | ( 395336.3, |
| 3807759.6,  | 1570.2,    | 1612.0, | 0.0);   |       |             |
| ( 395359.6, | 3807757.0, | 1585.4, | 1612.0, | 0.0); | ( 395382.9, |
| 3807754.5,  | 1595.8,    | 1612.0, | 0.0);   |       |             |
| ( 395406.1, | 3807751.9, | 1600.8, | 1612.0, | 0.0); | ( 395429.4, |
| 3807749.3,  | 1600.7,    | 1612.0, | 0.0);   |       |             |
| ( 395452.7, | 3807746.7, | 1593.4, | 1612.0, | 0.0); | ( 395476.0, |
| 3807744.1,  | 1580.2,    | 1612.0, | 0.0);   |       |             |
| ( 395499.3, | 3807741.5, | 1564.9, | 1830.9, | 0.0); | ( 395522.6, |
| 3807739.0,  | 1548.2,    | 1830.9, | 0.0);   |       |             |
| ( 395545.8, | 3807736.4, | 1531.7, | 1830.9, | 0.0); | ( 395569.1, |
| 3807733.8,  | 1515.4,    | 1830.9, | 0.0);   |       |             |
| ( 395592.4, | 3807731.2, | 1498.6, | 1830.9, | 0.0); | ( 395615.7, |
| 3807728.6,  | 1482.4,    | 1989.7, | 0.0);   |       |             |
| ( 395639.0, | 3807726.1, | 1467.5, | 1989.7, | 0.0); | ( 395662.3, |
| 3807723.5,  | 1454.2,    | 1989.7, | 0.0);   |       |             |
| ( 395685.5, | 3807720.9, | 1444.4, | 1989.7, | 0.0); | ( 395708.8, |



```

3807718.3, 1436.0, 1989.7, 0.0);
(395732.1, 3807715.7, 1427.7, 1989.7, 0.0); (395755.4,
3807713.1, 1419.4, 1989.7, 0.0);
(395778.7, 3807710.6, 1410.6, 1989.7, 0.0); (395802.0,
3807708.0, 1399.0, 1989.7, 0.0);
(395825.2, 3807705.4, 1387.8, 1989.7, 0.0); (395848.5,
3807702.8, 1376.7, 1989.7, 0.0);
(395871.8, 3807700.2, 1365.6, 1989.7, 0.0); (395895.1,
3807697.7, 1356.5, 1989.7, 0.0);
(395918.4, 3807695.1, 1349.8, 1989.7, 0.0); (395941.7,
3807692.5, 1345.5, 1989.7, 0.0);
(395965.0, 3807689.9, 1343.7, 1989.7, 0.0); (395988.2,
3807687.3, 1340.4, 2003.3, 0.0);
(396011.5, 3807684.8, 1334.2, 2009.6, 0.0); (396034.8,
3807682.2, 1326.9, 2009.6, 0.0);
(396058.1, 3807679.6, 1322.2, 2009.6, 0.0); (396081.4,
3807677.0, 1322.3, 2009.6, 0.0);
(396104.6, 3807674.4, 1322.3, 2009.6, 0.0); (396127.9,
3807671.8, 1319.9, 2009.6, 0.0);
(396151.2, 3807669.3, 1316.2, 2060.8, 0.0); (396174.5,
3807666.7, 1310.7, 2084.1, 0.0);
(396197.8, 3807664.1, 1303.8, 2084.1, 0.0); (396221.1,
3807661.5, 1296.4, 2084.1, 0.0);
(396244.4, 3807658.9, 1288.4, 2084.1, 0.0); (396267.6,
3807656.3, 1280.2, 2084.1, 0.0);
(396290.9, 3807653.8, 1271.4, 2084.9, 0.0); (396314.2,
3807651.2, 1259.8, 2167.9, 0.0);
^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 322

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(396337.5, 3807648.6, 1244.5, 2167.9, 0.0); (396360.8,
3807646.0, 1229.4, 2167.9, 0.0);
(396384.1, 3807643.4, 1216.0, 2167.9, 0.0); (396407.3,
3807640.9, 1210.5, 2167.9, 0.0);
(396430.6, 3807638.3, 1210.6, 2167.9, 0.0); (396453.9,
3807635.7, 1216.7, 2167.9, 0.0);
(396477.2, 3807633.1, 1224.7, 2167.9, 0.0); (396500.5,
3807630.5, 1226.9, 2167.9, 0.0);
(396523.8, 3807627.9, 1227.3, 2167.9, 0.0); (396547.0,
3807625.4, 1231.9, 2167.9, 0.0);
(396570.3, 3807622.8, 1240.7, 2167.9, 0.0); (396593.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807620.2,  | 1255.4,    | 2167.9, | 0.0);   |       |             |
| ( 396616.9, | 3807617.6, | 1269.0, | 2167.9, | 0.0); | ( 396640.2, |
| 3807615.0,  | 1278.7,    | 2167.9, | 0.0);   |       |             |
| ( 396663.5, | 3807612.5, | 1280.5, | 2167.9, | 0.0); | ( 396686.8, |
| 3807609.9,  | 1281.7,    | 2167.9, | 0.0);   |       |             |
| ( 396710.0, | 3807607.3, | 1285.6, | 2167.9, | 0.0); | ( 396733.3, |
| 3807604.7,  | 1284.4,    | 2167.9, | 0.0);   |       |             |
| ( 396756.6, | 3807602.1, | 1276.9, | 2167.9, | 0.0); | ( 396779.9, |
| 3807599.5,  | 1267.3,    | 2167.9, | 0.0);   |       |             |
| ( 396803.2, | 3807597.0, | 1258.4, | 2167.9, | 0.0); | ( 396826.5, |
| 3807594.4,  | 1249.2,    | 2167.9, | 0.0);   |       |             |
| ( 396849.7, | 3807591.8, | 1238.7, | 2167.9, | 0.0); | ( 396873.0, |
| 3807589.2,  | 1231.6,    | 2167.9, | 0.0);   |       |             |
| ( 396896.3, | 3807586.6, | 1236.8, | 2167.9, | 0.0); | ( 396919.6, |
| 3807584.1,  | 1244.0,    | 2167.9, | 0.0);   |       |             |
| ( 396942.9, | 3807581.5, | 1253.2, | 2167.9, | 0.0); | ( 396966.1, |
| 3807578.9,  | 1267.6,    | 2167.9, | 0.0);   |       |             |
| ( 396989.4, | 3807576.3, | 1284.8, | 2167.9, | 0.0); | ( 397012.7, |
| 3807573.7,  | 1297.6,    | 2167.9, | 0.0);   |       |             |
| ( 397036.0, | 3807571.1, | 1300.1, | 2167.9, | 0.0); | ( 397059.3, |
| 3807568.6,  | 1294.3,    | 2167.9, | 0.0);   |       |             |
| ( 397082.6, | 3807566.0, | 1285.1, | 2167.9, | 0.0); | ( 397105.8, |
| 3807563.4,  | 1274.3,    | 2167.9, | 0.0);   |       |             |
| ( 397129.1, | 3807560.8, | 1261.8, | 2167.9, | 0.0); | ( 397152.4, |
| 3807558.2,  | 1248.5,    | 2167.9, | 0.0);   |       |             |
| ( 397175.7, | 3807555.7, | 1241.5, | 2167.9, | 0.0); | ( 397199.0, |
| 3807553.1,  | 1248.2,    | 2167.9, | 0.0);   |       |             |
| ( 397222.3, | 3807550.5, | 1262.4, | 2167.9, | 0.0); | ( 397245.6, |
| 3807547.9,  | 1274.7,    | 2167.9, | 0.0);   |       |             |
| ( 397268.8, | 3807545.3, | 1286.1, | 2167.9, | 0.0); | ( 397292.1, |
| 3807542.8,  | 1296.4,    | 2167.9, | 0.0);   |       |             |
| ( 397315.4, | 3807540.2, | 1303.2, | 2167.9, | 0.0); | ( 397338.7, |
| 3807537.6,  | 1303.4,    | 2167.9, | 0.0);   |       |             |
| ( 397362.0, | 3807535.0, | 1298.0, | 2167.9, | 0.0); | ( 397385.3, |
| 3807532.4,  | 1294.2,    | 2167.9, | 0.0);   |       |             |
| ( 397408.5, | 3807529.8, | 1301.4, | 2167.9, | 0.0); | ( 397431.8, |
| 3807527.3,  | 1313.9,    | 2167.9, | 0.0);   |       |             |
| ( 397455.1, | 3807524.7, | 1327.1, | 2167.9, | 0.0); | ( 397478.4, |
| 3807522.1,  | 1339.9,    | 2167.9, | 0.0);   |       |             |
| ( 397501.7, | 3807519.5, | 1349.6, | 2167.9, | 0.0); | ( 397525.0, |
| 3807516.9,  | 1353.6,    | 2167.9, | 0.0);   |       |             |
| ( 397548.2, | 3807514.3, | 1358.7, | 2167.9, | 0.0); | ( 397571.5, |
| 3807511.8,  | 1368.4,    | 2167.9, | 0.0);   |       |             |
| ( 397594.8, | 3807509.2, | 1379.2, | 2167.9, | 0.0); | ( 397618.1, |
| 3807506.6,  | 1387.0,    | 2167.9, | 0.0);   |       |             |
| ( 397641.4, | 3807504.0, | 1391.4, | 2167.9, | 0.0); | ( 397664.7, |
| 3807501.4,  | 1394.0,    | 2167.9, | 0.0);   |       |             |
| ( 397688.0, | 3807498.9, | 1393.8, | 2167.9, | 0.0); | ( 385253.4, |
| 3815766.7,  | 932.8,     | 1147.8, | 0.0);   |       |             |
| ( 385252.6, | 3815790.2, | 938.9,  | 1147.7, | 0.0); | ( 385251.8, |

```

3815813.7, 945.4, 1101.8, 0.0);
 (385251.0, 3815837.1, 951.9, 1101.8, 0.0); (385250.2,
3815860.6, 959.3, 1101.8, 0.0);
 (385249.4, 3815884.1, 969.8, 1101.8, 0.0); (385248.6,
3815907.6, 981.5, 1095.2, 0.0);
 (385247.9, 3815931.0, 991.6, 1048.8, 0.0); (385247.1,
3815954.5, 998.1, 1048.8, 0.0);
 (385246.3, 3815978.0, 997.3, 1048.8, 0.0); (385245.5,
3816001.4, 992.4, 1048.8, 0.0);
 (385244.7, 3816024.9, 991.0, 1048.8, 0.0); (385243.9,
3816048.4, 992.1, 1048.8, 0.0);
 (383932.2, 3815701.6, 899.3, 1104.6, 0.0); (383943.6,
3815681.2, 905.5, 1104.6, 0.0);
 (383955.0, 3815660.7, 913.8, 1104.6, 0.0); (383966.5,
3815640.3, 922.2, 1104.6, 0.0);
 (383977.9, 3815619.8, 925.3, 1104.6, 0.0); (383989.3,
3815599.3, 919.4, 1104.6, 0.0);
 (384000.7, 3815578.9, 908.6, 1104.6, 0.0); (384012.1,
3815558.4, 898.8, 1104.6, 0.0);
 (384023.6, 3815537.9, 889.4, 1104.6, 0.0); (384035.0,
3815517.5, 884.1, 1104.6, 0.0);
 (384046.4, 3815497.0, 877.6, 1104.6, 0.0); (384057.8,
3815476.6, 873.1, 1104.6, 0.0);
 (384069.2, 3815456.1, 868.3, 1104.6, 0.0); (384080.7,
3815435.6, 866.2, 1104.6, 0.0);
 (384092.1, 3815415.2, 868.3, 1104.6, 0.0); (384103.5,
3815394.7, 872.9, 1104.6, 0.0);
 (384114.9, 3815374.3, 878.8, 1104.6, 0.0); (384126.3,
3815353.8, 885.6, 1104.6, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 323

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (384137.8, 3815333.3, 890.3, 1104.6, 0.0); (384149.2,
3815312.9, 892.6, 1104.6, 0.0);
 (384160.6, 3815292.4, 892.3, 1104.6, 0.0); (384172.0,
3815271.9, 890.1, 1104.6, 0.0);
 (384183.5, 3815251.5, 884.9, 1104.6, 0.0); (384194.9,
3815231.0, 878.6, 1104.6, 0.0);
 (384206.3, 3815210.6, 870.8, 1104.6, 0.0); (384217.7,
3815190.1, 863.8, 1104.6, 0.0);
 (384229.1, 3815169.6, 861.5, 1104.6, 0.0); (384240.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3815149.2,  | 862.4,     | 1104.6, | 0.0);   |       |             |
| ( 384252.0, | 3815128.7, | 864.9,  | 1104.6, | 0.0); | ( 384263.4, |
| 3815108.3,  | 866.8,     | 1104.6, | 0.0);   |       |             |
| ( 384274.8, | 3815087.8, | 868.2,  | 1104.6, | 0.0); | ( 384286.2, |
| 3815067.3,  | 869.6,     | 1104.6, | 0.0);   |       |             |
| ( 384297.7, | 3815046.9, | 872.4,  | 1104.6, | 0.0); | ( 384309.1, |
| 3815026.4,  | 876.5,     | 1104.6, | 0.0);   |       |             |
| ( 384320.5, | 3815005.9, | 881.3,  | 1104.6, | 0.0); | ( 384331.9, |
| 3814985.5,  | 886.2,     | 1048.8, | 0.0);   |       |             |
| ( 384343.4, | 3814965.0, | 890.9,  | 1048.8, | 0.0); | ( 384354.8, |
| 3814944.6,  | 893.7,     | 975.4,  | 0.0);   |       |             |
| ( 384366.2, | 3814924.1, | 893.4,  | 975.4,  | 0.0); | ( 384377.6, |
| 3814903.6,  | 890.3,     | 975.4,  | 0.0);   |       |             |
| ( 384389.0, | 3814883.2, | 885.1,  | 1048.8, | 0.0); | ( 384400.5, |
| 3814862.7,  | 880.4,     | 1048.8, | 0.0);   |       |             |
| ( 384411.9, | 3814842.2, | 875.8,  | 1255.1, | 0.0); | ( 384423.3, |
| 3814821.8,  | 871.7,     | 1255.1, | 0.0);   |       |             |
| ( 384434.7, | 3814801.3, | 868.1,  | 1255.1, | 0.0); | ( 384446.1, |
| 3814780.9,  | 863.8,     | 1255.1, | 0.0);   |       |             |
| ( 384457.6, | 3814760.4, | 859.1,  | 1255.1, | 0.0); | ( 384469.0, |
| 3814739.9,  | 855.4,     | 1255.1, | 0.0);   |       |             |
| ( 384480.4, | 3814719.5, | 851.8,  | 1255.1, | 0.0); | ( 384491.8, |
| 3814699.0,  | 848.5,     | 1255.1, | 0.0);   |       |             |
| ( 384503.3, | 3814678.6, | 844.8,  | 1255.1, | 0.0); | ( 384514.7, |
| 3814658.1,  | 841.4,     | 1255.1, | 0.0);   |       |             |
| ( 384526.1, | 3814637.6, | 837.4,  | 1255.1, | 0.0); | ( 384537.5, |
| 3814617.2,  | 833.0,     | 1255.1, | 0.0);   |       |             |
| ( 384548.9, | 3814596.7, | 828.7,  | 1255.1, | 0.0); | ( 384560.4, |
| 3814576.2,  | 824.5,     | 1934.2, | 0.0);   |       |             |
| ( 384571.8, | 3814555.8, | 820.1,  | 1937.2, | 0.0); | ( 384583.2, |
| 3814535.3,  | 816.0,     | 1937.2, | 0.0);   |       |             |
| ( 384594.6, | 3814514.9, | 812.0,  | 1937.2, | 0.0); | ( 384606.0, |
| 3814494.4,  | 808.1,     | 1956.1, | 0.0);   |       |             |
| ( 384617.5, | 3814473.9, | 804.8,  | 1956.1, | 0.0); | ( 384628.9, |
| 3814453.5,  | 806.6,     | 1956.1, | 0.0);   |       |             |
| ( 384640.3, | 3814433.0, | 811.0,  | 1956.1, | 0.0); | ( 384651.7, |
| 3814412.6,  | 813.4,     | 1956.1, | 0.0);   |       |             |
| ( 384663.1, | 3814392.1, | 810.3,  | 1979.6, | 0.0); | ( 384674.6, |
| 3814371.6,  | 809.8,     | 1979.8, | 0.0);   |       |             |
| ( 384686.0, | 3814351.2, | 813.6,  | 1979.8, | 0.0); | ( 384697.4, |
| 3814330.7,  | 819.6,     | 1956.1, | 0.0);   |       |             |
| ( 384708.8, | 3814310.2, | 827.0,  | 1956.1, | 0.0); | ( 384720.3, |
| 3814289.8,  | 835.7,     | 1953.2, | 0.0);   |       |             |
| ( 384731.7, | 3814269.3, | 840.8,  | 1937.2, | 0.0); | ( 384743.1, |
| 3814248.9,  | 842.9,     | 1937.2, | 0.0);   |       |             |
| ( 384754.5, | 3814228.4, | 842.2,  | 1953.2, | 0.0); | ( 384766.0, |
| 3814207.9,  | 841.3,     | 1956.1, | 0.0);   |       |             |
| ( 384777.4, | 3814187.5, | 840.8,  | 1956.1, | 0.0); | ( 384788.8, |
| 3814167.0,  | 840.3,     | 1956.1, | 0.0);   |       |             |
| ( 384800.2, | 3814146.5, | 839.8,  | 1956.1, | 0.0); | ( 384811.6, |

```

3814126.1, 839.9, 1979.6, 0.0);
 (384823.0, 3814105.6, 840.8, 1979.8, 0.0); (384834.5,
3814085.2, 842.8, 1979.8, 0.0);
 (384845.9, 3814064.7, 844.7, 1979.8, 0.0); (384857.3,
3814044.2, 843.1, 1980.1, 0.0);
 (384868.7, 3814023.8, 839.3, 1980.1, 0.0); (384880.2,
3814003.3, 835.0, 1980.1, 0.0);
 (384891.6, 3813982.9, 830.3, 1981.6, 0.0); (384903.0,
3813962.4, 829.2, 1988.1, 0.0);
 (384914.4, 3813941.9, 826.5, 1989.7, 0.0); (384925.8,
3813921.5, 823.2, 1989.7, 0.0);
 (384937.3, 3813901.0, 815.5, 1989.7, 0.0); (384948.7,
3813880.5, 808.5, 1989.7, 0.0);
 (384960.1, 3813860.1, 802.9, 1989.7, 0.0); (384971.5,
3813839.6, 802.2, 1989.7, 0.0);
 (384983.0, 3813819.2, 807.6, 1989.7, 0.0); (384994.4,
3813798.7, 813.3, 1989.7, 0.0);
 (385005.8, 3813778.2, 821.3, 1989.7, 0.0); (385017.2,
3813757.8, 828.4, 1989.7, 0.0);
 (385028.6, 3813737.3, 834.0, 1989.7, 0.0); (385040.1,
3813716.9, 834.2, 1989.7, 0.0);
 (385051.5, 3813696.4, 833.8, 1989.7, 0.0); (385062.9,
3813675.9, 832.1, 1989.7, 0.0);
 (385074.3, 3813655.5, 833.0, 1989.7, 0.0); (385085.7,
3813635.0, 835.7, 1989.7, 0.0);
 (385097.2, 3813614.5, 840.7, 1989.7, 0.0); (385108.6,
3813594.1, 847.2, 1989.7, 0.0);
 (385120.0, 3813573.6, 853.3, 1989.7, 0.0); (385131.4,
3813553.2, 861.2, 1989.7, 0.0);
 (385142.8, 3813532.7, 869.3, 1989.7, 0.0); (385154.3,
3813512.2, 878.5, 1988.2, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 324

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (385165.7, 3813491.8, 887.5, 1980.1, 0.0); (385177.1,
3813471.3, 891.4, 1980.1, 0.0);
 (385188.5, 3813450.8, 890.6, 1983.1, 0.0); (385200.0,
3813430.4, 888.9, 1988.1, 0.0);
 (385211.4, 3813409.9, 885.8, 1989.7, 0.0); (385222.8,
3813389.5, 881.9, 1989.7, 0.0);
 (385234.2, 3813369.0, 878.5, 1989.7, 0.0); (385245.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3813348.5,  | 872.3,     | 1989.7, | 0.0);   |       |             |
| ( 385257.1, | 3813328.1, | 865.1,  | 1989.7, | 0.0); | ( 385268.5, |
| 3813307.6,  | 855.8,     | 1989.7, | 0.0);   |       |             |
| ( 385279.9, | 3813287.2, | 846.3,  | 1989.7, | 0.0); | ( 385291.3, |
| 3813266.7,  | 836.1,     | 1989.7, | 0.0);   |       |             |
| ( 385302.7, | 3813246.2, | 826.7,  | 1989.7, | 0.0); | ( 385314.2, |
| 3813225.8,  | 818.5,     | 1989.7, | 0.0);   |       |             |
| ( 385325.6, | 3813205.3, | 810.8,  | 1989.7, | 0.0); | ( 385337.0, |
| 3813184.8,  | 805.1,     | 1989.7, | 0.0);   |       |             |
| ( 385348.4, | 3813164.4, | 798.4,  | 1989.7, | 0.0); | ( 385359.8, |
| 3813143.9,  | 793.3,     | 1989.7, | 0.0);   |       |             |
| ( 385371.3, | 3813123.5, | 786.9,  | 1989.7, | 0.0); | ( 385382.7, |
| 3813103.0,  | 781.8,     | 1989.7, | 0.0);   |       |             |
| ( 385394.1, | 3813082.5, | 772.7,  | 1989.7, | 0.0); | ( 385405.5, |
| 3813062.1,  | 769.5,     | 1989.7, | 0.0);   |       |             |
| ( 385417.0, | 3813041.6, | 771.3,  | 1989.7, | 0.0); | ( 385428.4, |
| 3813021.2,  | 776.9,     | 1989.7, | 0.0);   |       |             |
| ( 385439.8, | 3813000.7, | 782.2,  | 1989.7, | 0.0); | ( 385451.2, |
| 3812980.2,  | 783.6,     | 1989.7, | 0.0);   |       |             |
| ( 385462.6, | 3812959.8, | 779.4,  | 1989.7, | 0.0); | ( 385474.1, |
| 3812939.3,  | 775.1,     | 1989.7, | 0.0);   |       |             |
| ( 385485.5, | 3812918.8, | 778.2,  | 1989.7, | 0.0); | ( 385496.9, |
| 3812898.4,  | 785.7,     | 1989.7, | 0.0);   |       |             |
| ( 385508.3, | 3812877.9, | 797.4,  | 1989.7, | 0.0); | ( 385519.8, |
| 3812857.5,  | 808.5,     | 1989.7, | 0.0);   |       |             |
| ( 385531.2, | 3812837.0, | 820.8,  | 1989.7, | 0.0); | ( 385542.6, |
| 3812816.5,  | 831.7,     | 1989.7, | 0.0);   |       |             |
| ( 385554.0, | 3812796.1, | 842.0,  | 1989.7, | 0.0); | ( 385565.4, |
| 3812775.6,  | 848.3,     | 1989.7, | 0.0);   |       |             |
| ( 385576.8, | 3812755.1, | 853.2,  | 1989.7, | 0.0); | ( 385588.3, |
| 3812734.7,  | 858.4,     | 1989.7, | 0.0);   |       |             |
| ( 385599.7, | 3812714.2, | 865.6,  | 1989.7, | 0.0); | ( 385611.1, |
| 3812693.8,  | 874.6,     | 1989.7, | 0.0);   |       |             |
| ( 385622.5, | 3812673.3, | 883.5,  | 1989.7, | 0.0); | ( 385634.0, |
| 3812652.8,  | 890.9,     | 1989.7, | 0.0);   |       |             |
| ( 385645.4, | 3812632.4, | 896.4,  | 1989.7, | 0.0); | ( 385656.8, |
| 3812611.9,  | 900.5,     | 1989.7, | 0.0);   |       |             |
| ( 385668.2, | 3812591.5, | 906.9,  | 1989.7, | 0.0); | ( 385679.6, |
| 3812571.0,  | 911.8,     | 1989.7, | 0.0);   |       |             |
| ( 385691.1, | 3812550.5, | 917.0,  | 1989.7, | 0.0); | ( 385702.5, |
| 3812530.1,  | 918.0,     | 1989.7, | 0.0);   |       |             |
| ( 385713.9, | 3812509.6, | 914.2,  | 1989.7, | 0.0); | ( 385725.3, |
| 3812489.1,  | 907.9,     | 1989.7, | 0.0);   |       |             |
| ( 385736.8, | 3812468.7, | 899.8,  | 1989.7, | 0.0); | ( 385748.2, |
| 3812448.2,  | 891.1,     | 1989.7, | 0.0);   |       |             |
| ( 385759.6, | 3812427.8, | 882.6,  | 1989.7, | 0.0); | ( 385771.0, |
| 3812407.3,  | 874.2,     | 1989.7, | 0.0);   |       |             |
| ( 385782.4, | 3812386.8, | 866.8,  | 1989.7, | 0.0); | ( 385793.9, |
| 3812366.4,  | 859.8,     | 1989.7, | 0.0);   |       |             |
| ( 385805.3, | 3812345.9, | 853.3,  | 1989.7, | 0.0); | ( 385816.7, |

```

3812325.5, 847.2, 1989.7, 0.0);
 (385828.1, 3812305.0, 845.4, 1989.7, 0.0); (385839.5,
3812284.5, 849.2, 1989.7, 0.0);
 (385851.0, 3812264.1, 853.8, 1989.7, 0.0); (385862.4,
3812243.6, 856.9, 1989.7, 0.0);
 (385873.8, 3812223.1, 862.1, 1989.7, 0.0); (385885.2,
3812202.7, 869.4, 1989.7, 0.0);
 (385896.6, 3812182.2, 876.3, 1989.7, 0.0); (385908.1,
3812161.8, 878.0, 1989.7, 0.0);
 (385919.5, 3812141.3, 876.1, 1989.7, 0.0); (385930.9,
3812120.8, 868.6, 1989.7, 0.0);
 (385942.3, 3812100.4, 862.3, 1989.7, 0.0); (385953.8,
3812079.9, 854.5, 1989.7, 0.0);
 (385965.2, 3812059.4, 845.3, 1989.7, 0.0); (385976.6,
3812039.0, 834.4, 1989.7, 0.0);
 (385988.0, 3812018.5, 823.5, 1989.7, 0.0); (385999.4,
3811998.1, 813.5, 1989.7, 0.0);
 (386010.9, 3811977.6, 803.2, 1989.7, 0.0); (386022.3,
3811957.1, 794.7, 1989.7, 0.0);
 (386033.7, 3811936.7, 790.4, 1989.7, 0.0); (386045.1,
3811916.2, 785.7, 1989.7, 0.0);
 (386056.5, 3811895.8, 786.8, 1989.7, 0.0); (386068.0,
3811875.3, 789.5, 1989.7, 0.0);
 (386079.4, 3811854.8, 788.9, 1989.7, 0.0); (386090.8,
3811834.4, 785.6, 1989.7, 0.0);
 (386102.2, 3811813.9, 781.0, 1989.7, 0.0); (386113.6,
3811793.4, 779.8, 1989.7, 0.0);
 (386125.1, 3811773.0, 780.0, 1989.7, 0.0); (386136.5,
3811752.5, 779.3, 1989.7, 0.0);
 (386147.9, 3811732.1, 775.4, 1989.7, 0.0); (386159.3,
3811711.6, 773.1, 1989.7, 0.0);
 (386170.8, 3811691.1, 769.5, 1989.7, 0.0); (386182.2,
3811670.7, 762.7, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 325

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (386193.6, 3811650.2, 756.2, 1989.7, 0.0); (386205.0,
3811629.8, 750.7, 1989.7, 0.0);
 (386216.5, 3811609.3, 747.7, 1989.7, 0.0); (386227.9,
3811588.8, 747.9, 1989.7, 0.0);
 (386239.3, 3811568.4, 751.7, 1989.7, 0.0); (386250.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3811547.9,  | 753.5,     | 1989.7, | 0.0);   |       |             |
| ( 386262.1, | 3811527.4, | 754.4,  | 1989.7, | 0.0); | ( 386273.5, |
| 3811507.0,  | 755.7,     | 1989.7, | 0.0);   |       |             |
| ( 386285.0, | 3811486.5, | 755.3,  | 1989.7, | 0.0); | ( 386296.4, |
| 3811466.1,  | 754.6,     | 1989.7, | 0.0);   |       |             |
| ( 386307.8, | 3811445.6, | 749.0,  | 1989.7, | 0.0); | ( 386319.2, |
| 3811425.1,  | 744.1,     | 1989.7, | 0.0);   |       |             |
| ( 386330.7, | 3811404.7, | 740.5,  | 1989.7, | 0.0); | ( 386342.1, |
| 3811384.2,  | 739.0,     | 1989.7, | 0.0);   |       |             |
| ( 386353.5, | 3811363.8, | 737.3,  | 1989.7, | 0.0); | ( 386364.9, |
| 3811343.3,  | 735.4,     | 1989.7, | 0.0);   |       |             |
| ( 386376.3, | 3811322.8, | 734.1,  | 1989.7, | 0.0); | ( 386387.8, |
| 3811302.4,  | 733.6,     | 1989.7, | 0.0);   |       |             |
| ( 386399.2, | 3811281.9, | 733.4,  | 1989.7, | 0.0); | ( 386410.6, |
| 3811261.4,  | 733.5,     | 1989.7, | 0.0);   |       |             |
| ( 386422.0, | 3811241.0, | 733.1,  | 1989.7, | 0.0); | ( 386433.5, |
| 3811220.5,  | 731.7,     | 1989.7, | 0.0);   |       |             |
| ( 386444.9, | 3811200.1, | 729.9,  | 1989.7, | 0.0); | ( 386456.3, |
| 3811179.6,  | 729.5,     | 1989.7, | 0.0);   |       |             |
| ( 386467.7, | 3811159.1, | 729.9,  | 1989.7, | 0.0); | ( 386479.1, |
| 3811138.7,  | 730.4,     | 1989.7, | 0.0);   |       |             |
| ( 386490.6, | 3811118.2, | 730.3,  | 1989.7, | 0.0); | ( 386502.0, |
| 3811097.8,  | 730.4,     | 1989.7, | 0.0);   |       |             |
| ( 386513.4, | 3811077.3, | 732.7,  | 1989.7, | 0.0); | ( 386524.8, |
| 3811056.8,  | 738.1,     | 1989.7, | 0.0);   |       |             |
| ( 386536.2, | 3811036.4, | 746.0,  | 1989.7, | 0.0); | ( 386547.7, |
| 3811015.9,  | 751.0,     | 1989.7, | 0.0);   |       |             |
| ( 386559.1, | 3810995.4, | 754.1,  | 1989.7, | 0.0); | ( 386570.5, |
| 3810975.0,  | 755.9,     | 1989.7, | 0.0);   |       |             |
| ( 386581.9, | 3810954.5, | 756.4,  | 1989.7, | 0.0); | ( 386593.3, |
| 3810934.1,  | 757.6,     | 1989.7, | 0.0);   |       |             |
| ( 386604.8, | 3810913.6, | 759.3,  | 1989.7, | 0.0); | ( 386616.2, |
| 3810893.1,  | 760.2,     | 1989.7, | 0.0);   |       |             |
| ( 386627.6, | 3810872.7, | 760.3,  | 1989.7, | 0.0); | ( 386639.0, |
| 3810852.2,  | 760.1,     | 1989.7, | 0.0);   |       |             |
| ( 386650.5, | 3810831.8, | 759.6,  | 1989.7, | 0.0); | ( 386661.9, |
| 3810811.3,  | 760.0,     | 1989.7, | 0.0);   |       |             |
| ( 386673.3, | 3810790.8, | 760.1,  | 1989.7, | 0.0); | ( 386684.7, |
| 3810770.4,  | 759.7,     | 1989.7, | 0.0);   |       |             |
| ( 386696.1, | 3810749.9, | 759.9,  | 1989.7, | 0.0); | ( 386707.6, |
| 3810729.4,  | 760.9,     | 1989.7, | 0.0);   |       |             |
| ( 386719.0, | 3810709.0, | 762.2,  | 1989.7, | 0.0); | ( 386730.4, |
| 3810688.5,  | 762.0,     | 1989.7, | 0.0);   |       |             |
| ( 386741.8, | 3810668.0, | 761.5,  | 1989.7, | 0.0); | ( 386753.2, |
| 3810647.6,  | 762.6,     | 1989.7, | 0.0);   |       |             |
| ( 386764.7, | 3810627.1, | 763.6,  | 1989.7, | 0.0); | ( 386776.1, |
| 3810606.7,  | 764.6,     | 1989.7, | 0.0);   |       |             |
| ( 386787.5, | 3810586.2, | 765.8,  | 1989.7, | 0.0); | ( 386798.9, |
| 3810565.7,  | 767.2,     | 1989.7, | 0.0);   |       |             |
| ( 386810.3, | 3810545.3, | 768.7,  | 1989.7, | 0.0); | ( 386821.8, |



3810524.8, 770.0, 1989.7, 0.0);  
 ( 386833.2, 3810504.4, 771.6, 1989.7, 0.0); ( 386844.6,  
 3810483.9, 772.9, 1989.7, 0.0);  
 ( 386856.0, 3810463.4, 774.9, 1989.7, 0.0); ( 386867.5,  
 3810443.0, 777.1, 1989.7, 0.0);  
 ( 386878.9, 3810422.5, 778.8, 1989.7, 0.0); ( 386890.3,  
 3810402.0, 780.7, 1989.7, 0.0);  
 ( 386901.7, 3810381.6, 779.8, 1989.7, 0.0); ( 386913.1,  
 3810361.1, 778.7, 1989.7, 0.0);  
 ( 386924.6, 3810340.7, 780.6, 1989.7, 0.0); ( 386936.0,  
 3810320.2, 785.0, 1989.7, 0.0);  
 ( 386947.4, 3810299.7, 789.2, 1989.7, 0.0); ( 386958.8,  
 3810279.3, 791.4, 1989.7, 0.0);  
 ( 386970.2, 3810258.8, 792.1, 1989.7, 0.0); ( 386981.7,  
 3810238.4, 795.3, 1989.7, 0.0);  
 ( 386993.1, 3810217.9, 797.7, 1989.7, 0.0); ( 387004.5,  
 3810197.4, 800.2, 1989.7, 0.0);  
 ( 387015.9, 3810177.0, 803.8, 1989.7, 0.0); ( 387027.3,  
 3810156.5, 807.7, 1989.7, 0.0);  
 ( 387038.8, 3810136.0, 812.9, 1989.7, 0.0); ( 387050.2,  
 3810115.6, 819.7, 1989.7, 0.0);  
 ( 387061.6, 3810095.1, 825.2, 1989.7, 0.0); ( 387073.0,  
 3810074.7, 831.7, 1989.7, 0.0);  
 ( 387084.5, 3810054.2, 841.1, 1989.7, 0.0); ( 387095.9,  
 3810033.7, 852.3, 1989.7, 0.0);  
 ( 387107.3, 3810013.3, 864.8, 1989.7, 0.0); ( 387118.7,  
 3809992.8, 877.1, 1989.7, 0.0);  
 ( 387130.1, 3809972.3, 888.8, 1989.7, 0.0); ( 387141.6,  
 3809951.9, 898.9, 1989.7, 0.0);  
 ( 387153.0, 3809931.4, 897.4, 1989.7, 0.0); ( 387164.4,  
 3809911.0, 896.9, 1989.7, 0.0);  
 ( 387175.8, 3809890.5, 892.5, 1989.7, 0.0); ( 387187.2,  
 3809870.0, 888.8, 1989.7, 0.0);  
 ( 387198.7, 3809849.6, 885.3, 1989.7, 0.0); ( 387210.1,  
 3809829.1, 879.4, 1989.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 326

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 387221.5, 3809808.7, 875.3, 1989.7, 0.0); ( 387232.9,  
 3809788.2, 873.4, 1989.7, 0.0);  
 ( 387244.4, 3809767.7, 874.2, 1989.7, 0.0); ( 387255.8,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809747.3,  | 869.0,     | 1989.7, | 0.0);   |       |             |
| ( 387267.2, | 3809726.8, | 860.9,  | 1989.7, | 0.0); | ( 387278.6, |
| 3809706.3,  | 856.2,     | 1989.7, | 0.0);   |       |             |
| ( 387290.0, | 3809685.9, | 861.9,  | 1989.7, | 0.0); | ( 387301.5, |
| 3809665.4,  | 871.9,     | 1989.7, | 0.0);   |       |             |
| ( 387312.9, | 3809645.0, | 880.0,  | 1989.7, | 0.0); | ( 387324.3, |
| 3809624.5,  | 882.6,     | 1989.7, | 0.0);   |       |             |
| ( 387335.7, | 3809604.0, | 881.4,  | 1989.7, | 0.0); | ( 387347.1, |
| 3809583.6,  | 879.5,     | 1989.7, | 0.0);   |       |             |
| ( 387358.6, | 3809563.1, | 875.2,  | 1989.7, | 0.0); | ( 387370.0, |
| 3809542.7,  | 869.3,     | 1989.7, | 0.0);   |       |             |
| ( 387381.4, | 3809522.2, | 867.6,  | 1989.7, | 0.0); | ( 387392.8, |
| 3809501.7,  | 871.5,     | 1989.7, | 0.0);   |       |             |
| ( 387404.3, | 3809481.3, | 883.7,  | 1989.7, | 0.0); | ( 387415.7, |
| 3809460.8,  | 896.8,     | 1989.7, | 0.0);   |       |             |
| ( 387427.1, | 3809440.3, | 904.7,  | 1989.7, | 0.0); | ( 387438.5, |
| 3809419.9,  | 910.8,     | 1989.7, | 0.0);   |       |             |
| ( 387449.9, | 3809399.4, | 917.1,  | 1989.7, | 0.0); | ( 387461.4, |
| 3809379.0,  | 925.3,     | 1989.7, | 0.0);   |       |             |
| ( 387472.8, | 3809358.5, | 935.9,  | 1989.7, | 0.0); | ( 387484.2, |
| 3809338.0,  | 946.3,     | 1989.7, | 0.0);   |       |             |
| ( 387495.6, | 3809317.6, | 953.1,  | 1989.7, | 0.0); | ( 387507.0, |
| 3809297.1,  | 957.3,     | 1989.7, | 0.0);   |       |             |
| ( 387518.5, | 3809276.6, | 950.7,  | 1989.7, | 0.0); | ( 387529.9, |
| 3809256.2,  | 944.7,     | 1989.7, | 0.0);   |       |             |
| ( 387541.3, | 3809235.7, | 936.1,  | 1989.7, | 0.0); | ( 387552.7, |
| 3809215.3,  | 930.5,     | 1989.7, | 0.0);   |       |             |
| ( 387564.1, | 3809194.8, | 926.6,  | 1989.7, | 0.0); | ( 387575.6, |
| 3809174.3,  | 928.5,     | 1989.7, | 0.0);   |       |             |
| ( 387587.0, | 3809153.9, | 938.1,  | 1989.7, | 0.0); | ( 387598.4, |
| 3809133.4,  | 947.5,     | 1989.7, | 0.0);   |       |             |
| ( 387609.8, | 3809113.0, | 956.1,  | 1989.7, | 0.0); | ( 387621.3, |
| 3809092.5,  | 963.9,     | 1989.7, | 0.0);   |       |             |
| ( 387632.7, | 3809072.0, | 967.9,  | 1989.7, | 0.0); | ( 387644.1, |
| 3809051.6,  | 965.3,     | 1989.7, | 0.0);   |       |             |
| ( 387655.5, | 3809031.1, | 959.3,  | 1989.7, | 0.0); | ( 387667.0, |
| 3809010.6,  | 954.0,     | 1989.7, | 0.0);   |       |             |
| ( 387678.4, | 3808990.2, | 949.3,  | 1989.7, | 0.0); | ( 387689.8, |
| 3808969.7,  | 946.9,     | 1989.7, | 0.0);   |       |             |
| ( 387701.2, | 3808949.3, | 944.2,  | 1989.7, | 0.0); | ( 387712.6, |
| 3808928.8,  | 944.4,     | 1989.7, | 0.0);   |       |             |
| ( 387724.0, | 3808908.3, | 948.6,  | 1989.7, | 0.0); | ( 387735.5, |
| 3808887.9,  | 951.3,     | 1989.7, | 0.0);   |       |             |
| ( 387746.9, | 3808867.4, | 950.6,  | 1989.7, | 0.0); | ( 387758.3, |
| 3808847.0,  | 950.0,     | 1989.7, | 0.0);   |       |             |
| ( 387769.7, | 3808826.5, | 952.8,  | 1989.7, | 0.0); | ( 387781.2, |
| 3808806.0,  | 958.8,     | 1989.7, | 0.0);   |       |             |
| ( 387792.6, | 3808785.6, | 960.4,  | 1989.7, | 0.0); | ( 387804.0, |
| 3808765.1,  | 962.2,     | 1989.7, | 0.0);   |       |             |
| ( 387815.4, | 3808744.6, | 964.8,  | 1989.7, | 0.0); | ( 387826.8, |

3808724.2, 973.3, 1989.7, 0.0);  
 ( 387838.3, 3808703.7, 983.6, 1989.7, 0.0); ( 387849.7,  
 3808683.3, 995.3, 1989.7, 0.0);  
 ( 387861.1, 3808662.8, 1002.2, 1989.7, 0.0); ( 387872.5,  
 3808642.3, 1009.2, 1989.7, 0.0);  
 ( 387884.0, 3808621.9, 1012.8, 1989.7, 0.0); ( 387895.4,  
 3808601.4, 1014.5, 1989.7, 0.0);  
 ( 387906.8, 3808580.9, 1005.8, 1989.7, 0.0); ( 387918.2,  
 3808560.5, 993.2, 1989.7, 0.0);  
 ( 387929.6, 3808540.0, 984.0, 1989.7, 0.0); ( 387941.1,  
 3808519.6, 977.2, 1989.7, 0.0);  
 ( 387952.5, 3808499.1, 978.5, 1989.7, 0.0); ( 387963.9,  
 3808478.6, 981.0, 1989.7, 0.0);  
 ( 387975.3, 3808458.2, 982.9, 1989.7, 0.0); ( 387986.7,  
 3808437.7, 993.3, 1989.7, 0.0);  
 ( 387998.2, 3808417.3, 1004.0, 1989.7, 0.0); ( 388009.6,  
 3808396.8, 1016.8, 1989.7, 0.0);  
 ( 388021.0, 3808376.3, 1020.4, 1989.7, 0.0); ( 388032.4,  
 3808355.9, 1022.9, 1989.7, 0.0);  
 ( 388043.8, 3808335.4, 1023.9, 1989.7, 0.0); ( 388055.3,  
 3808314.9, 1018.1, 1989.7, 0.0);  
 ( 388066.7, 3808294.5, 1011.4, 1989.7, 0.0); ( 388078.1,  
 3808274.0, 1003.7, 1989.7, 0.0);  
 ( 388089.5, 3808253.6, 997.8, 1989.7, 0.0); ( 388101.0,  
 3808233.1, 991.3, 1989.7, 0.0);  
 ( 388112.4, 3808212.6, 984.7, 1989.7, 0.0); ( 388123.8,  
 3808192.2, 978.0, 1989.7, 0.0);  
 ( 388135.2, 3808171.7, 978.1, 1989.7, 0.0); ( 388146.6,  
 3808151.3, 985.7, 1989.7, 0.0);  
 ( 388158.1, 3808130.8, 987.8, 1989.7, 0.0); ( 388169.5,  
 3808110.3, 985.1, 1989.7, 0.0);  
 ( 388180.9, 3808089.9, 981.3, 1989.7, 0.0); ( 388192.3,  
 3808069.4, 982.2, 1989.7, 0.0);  
 ( 388203.7, 3808048.9, 982.0, 1989.7, 0.0); ( 388215.2,  
 3808028.5, 979.8, 1989.7, 0.0);  
 ( 388226.6, 3808008.0, 983.3, 1989.7, 0.0); ( 388238.0,  
 3807987.6, 988.5, 1989.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 327

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 388249.4, 3807967.1, 990.4, 1989.7, 0.0); ( 388260.8,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807946.6,  | 993.6,     | 1989.7, | 0.0);   |       |             |
| ( 388272.3, | 3807926.2, | 996.3,  | 1989.7, | 0.0); | ( 388283.7, |
| 3807905.7,  | 1005.0,    | 1989.7, | 0.0);   |       |             |
| ( 388295.1, | 3807885.2, | 1015.2, | 1989.7, | 0.0); | ( 388306.5, |
| 3807864.8,  | 1026.5,    | 1989.7, | 0.0);   |       |             |
| ( 388318.0, | 3807844.3, | 1035.9, | 1989.7, | 0.0); | ( 388329.4, |
| 3807823.9,  | 1046.5,    | 1989.7, | 0.0);   |       |             |
| ( 388340.8, | 3807803.4, | 1057.5, | 1989.7, | 0.0); | ( 388352.2, |
| 3807782.9,  | 1067.3,    | 1989.7, | 0.0);   |       |             |
| ( 388363.6, | 3807762.5, | 1066.7, | 1989.7, | 0.0); | ( 388375.1, |
| 3807742.0,  | 1060.5,    | 1989.7, | 0.0);   |       |             |
| ( 388386.5, | 3807721.6, | 1058.6, | 1989.7, | 0.0); | ( 388397.9, |
| 3807701.1,  | 1061.8,    | 1989.7, | 0.0);   |       |             |
| ( 388409.3, | 3807680.6, | 1066.1, | 1989.7, | 0.0); | ( 388420.8, |
| 3807660.2,  | 1070.0,    | 1989.7, | 0.0);   |       |             |
| ( 388432.2, | 3807639.7, | 1078.7, | 1989.7, | 0.0); | ( 388443.6, |
| 3807619.2,  | 1084.1,    | 1989.7, | 0.0);   |       |             |
| ( 388455.0, | 3807598.8, | 1077.1, | 1989.7, | 0.0); | ( 388466.4, |
| 3807578.3,  | 1067.9,    | 1989.7, | 0.0);   |       |             |
| ( 388477.9, | 3807557.9, | 1065.6, | 1989.7, | 0.0); | ( 388489.3, |
| 3807537.4,  | 1066.7,    | 1989.7, | 0.0);   |       |             |
| ( 388500.7, | 3807516.9, | 1063.9, | 1989.7, | 0.0); | ( 388512.1, |
| 3807496.5,  | 1059.9,    | 1989.7, | 0.0);   |       |             |
| ( 388523.5, | 3807476.0, | 1062.3, | 1989.7, | 0.0); | ( 388535.0, |
| 3807455.6,  | 1074.0,    | 1989.7, | 0.0);   |       |             |
| ( 388546.4, | 3807435.1, | 1089.7, | 1989.7, | 0.0); | ( 388557.8, |
| 3807414.6,  | 1102.0,    | 1989.7, | 0.0);   |       |             |
| ( 388569.2, | 3807394.2, | 1104.0, | 1989.7, | 0.0); | ( 388580.6, |
| 3807373.7,  | 1099.1,    | 1989.7, | 0.0);   |       |             |
| ( 388592.1, | 3807353.2, | 1090.7, | 1989.7, | 0.0); | ( 388603.5, |
| 3807332.8,  | 1087.3,    | 1989.7, | 0.0);   |       |             |
| ( 388638.2, | 3807309.7, | 1098.7, | 1989.7, | 0.0); | ( 388661.5, |
| 3807307.2,  | 1109.3,    | 1989.7, | 0.0);   |       |             |
| ( 388684.8, | 3807304.6, | 1122.1, | 1989.7, | 0.0); | ( 388708.1, |
| 3807302.0,  | 1134.9,    | 1989.7, | 0.0);   |       |             |
| ( 388731.4, | 3807299.4, | 1147.0, | 1989.7, | 0.0); | ( 388754.6, |
| 3807296.8,  | 1159.2,    | 1989.7, | 0.0);   |       |             |
| ( 388778.0, | 3807294.2, | 1171.7, | 1989.7, | 0.0); | ( 388801.2, |
| 3807291.7,  | 1183.6,    | 1989.7, | 0.0);   |       |             |
| ( 388824.5, | 3807289.1, | 1193.4, | 1989.7, | 0.0); | ( 388847.8, |
| 3807286.5,  | 1194.8,    | 1989.7, | 0.0);   |       |             |
| ( 388871.1, | 3807283.9, | 1186.7, | 1989.7, | 0.0); | ( 388894.4, |
| 3807281.3,  | 1177.0,    | 1989.7, | 0.0);   |       |             |
| ( 388917.7, | 3807278.8, | 1168.8, | 1989.7, | 0.0); | ( 388941.0, |
| 3807276.2,  | 1166.2,    | 1989.7, | 0.0);   |       |             |
| ( 388964.3, | 3807273.6, | 1170.1, | 1989.7, | 0.0); | ( 388987.6, |
| 3807271.0,  | 1178.2,    | 1989.7, | 0.0);   |       |             |
| ( 389010.8, | 3807268.4, | 1187.4, | 1989.7, | 0.0); | ( 389034.1, |
| 3807265.8,  | 1195.5,    | 1989.7, | 0.0);   |       |             |
| ( 389057.4, | 3807263.2, | 1203.3, | 1989.7, | 0.0); | ( 389080.7, |

```

3807260.7, 1213.2, 1989.7, 0.0);
(389104.0, 3807258.1, 1219.7, 1989.7, 0.0); (389127.3,
3807255.5, 1223.0, 1989.7, 0.0);
(389150.6, 3807252.9, 1229.6, 1989.7, 0.0); (389173.9,
3807250.3, 1232.6, 1989.7, 0.0);
(389197.2, 3807247.8, 1226.9, 1989.7, 0.0); (389220.5,
3807245.2, 1218.8, 1989.7, 0.0);
(389243.8, 3807242.6, 1211.3, 1989.7, 0.0); (389267.0,
3807240.0, 1210.4, 1989.7, 0.0);
(389290.3, 3807237.4, 1218.5, 1989.7, 0.0); (389313.6,
3807234.8, 1229.3, 1989.7, 0.0);
(389336.9, 3807232.3, 1236.5, 1989.7, 0.0); (389360.2,
3807229.7, 1235.5, 1989.7, 0.0);
(389383.5, 3807227.1, 1234.1, 1989.7, 0.0); (389406.8,
3807224.5, 1232.9, 1989.7, 0.0);
(389430.1, 3807221.9, 1223.7, 1989.7, 0.0); (389453.4,
3807219.3, 1210.2, 1989.7, 0.0);
(389476.7, 3807216.8, 1197.3, 1989.7, 0.0); (389500.0,
3807214.2, 1189.4, 1989.7, 0.0);
(389523.2, 3807211.6, 1188.7, 1989.7, 0.0); (389546.5,
3807209.0, 1191.7, 1989.7, 0.0);
(389569.8, 3807206.4, 1193.9, 1989.7, 0.0); (389593.1,
3807203.8, 1195.2, 1989.7, 0.0);
(389616.4, 3807201.3, 1196.8, 1989.7, 0.0); (389639.7,
3807198.7, 1198.9, 1989.7, 0.0);
(389663.0, 3807196.1, 1203.3, 1989.7, 0.0); (389686.3,
3807193.5, 1211.2, 1989.7, 0.0);
(389709.6, 3807190.9, 1218.5, 1989.7, 0.0); (389732.9,
3807188.4, 1221.7, 1989.7, 0.0);
(389756.2, 3807185.8, 1224.7, 1989.7, 0.0); (389779.5,
3807183.2, 1231.4, 1989.7, 0.0);
(389802.7, 3807180.6, 1241.3, 1989.7, 0.0); (389826.0,
3807178.0, 1252.5, 1989.7, 0.0);
(389849.3, 3807175.4, 1263.8, 1989.7, 0.0); (389872.6,
3807172.9, 1272.0, 1989.7, 0.0);
(389895.9, 3807170.3, 1276.0, 1989.7, 0.0); (389919.2,
3807167.7, 1277.3, 1989.7, 0.0);
(389942.5, 3807165.1, 1278.8, 1989.7, 0.0); (389965.8,
3807162.5, 1280.6, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 328

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 389989.1, 3807159.9, 1284.7, 1989.7, | 0.0); | ( 390012.4, |
| 3807157.4, 1293.9, 1989.7, 0.0);       |       |             |
| ( 390035.6, 3807154.8, 1306.4, 1989.7, | 0.0); | ( 390058.9, |
| 3807152.2, 1316.3, 1989.7, 0.0);       |       |             |
| ( 390082.2, 3807149.6, 1320.6, 1989.7, | 0.0); | ( 390105.5, |
| 3807147.0, 1319.6, 1989.7, 0.0);       |       |             |
| ( 390128.8, 3807144.4, 1313.8, 1989.7, | 0.0); | ( 390152.1, |
| 3807141.9, 1306.4, 1989.7, 0.0);       |       |             |
| ( 390175.4, 3807139.3, 1304.5, 1989.7, | 0.0); | ( 390198.7, |
| 3807136.7, 1315.4, 1989.7, 0.0);       |       |             |
| ( 390222.0, 3807134.1, 1326.8, 1989.7, | 0.0); | ( 390245.3, |
| 3807131.5, 1338.3, 1989.7, 0.0);       |       |             |
| ( 390268.5, 3807129.0, 1350.5, 1989.7, | 0.0); | ( 390291.8, |
| 3807126.4, 1363.4, 1989.7, 0.0);       |       |             |
| ( 390315.1, 3807123.8, 1377.1, 1989.7, | 0.0); | ( 390338.4, |
| 3807121.2, 1391.7, 1989.7, 0.0);       |       |             |
| ( 390361.7, 3807118.6, 1407.4, 1989.7, | 0.0); | ( 390385.0, |
| 3807116.0, 1423.7, 1989.7, 0.0);       |       |             |
| ( 390408.3, 3807113.5, 1439.8, 1989.7, | 0.0); | ( 390431.6, |
| 3807110.9, 1454.5, 1989.7, 0.0);       |       |             |
| ( 390454.9, 3807108.3, 1467.8, 1989.7, | 0.0); | ( 390478.2, |
| 3807105.7, 1480.6, 1989.7, 0.0);       |       |             |
| ( 390501.5, 3807103.1, 1492.5, 1989.7, | 0.0); | ( 390524.8, |
| 3807100.5, 1504.2, 1989.7, 0.0);       |       |             |
| ( 390548.0, 3807098.0, 1515.8, 1989.7, | 0.0); | ( 390571.3, |
| 3807095.4, 1526.6, 1989.7, 0.0);       |       |             |
| ( 390594.6, 3807092.8, 1536.2, 1989.7, | 0.0); | ( 390617.9, |
| 3807090.2, 1544.8, 1989.7, 0.0);       |       |             |
| ( 390641.2, 3807087.6, 1553.6, 1989.7, | 0.0); | ( 390664.5, |
| 3807085.0, 1562.6, 1989.7, 0.0);       |       |             |
| ( 390687.8, 3807082.5, 1570.7, 1989.7, | 0.0); | ( 390711.1, |
| 3807079.9, 1574.1, 1989.7, 0.0);       |       |             |
| ( 390734.4, 3807077.3, 1570.5, 1989.7, | 0.0); | ( 390757.7, |
| 3807074.7, 1562.0, 1989.7, 0.0);       |       |             |
| ( 390781.0, 3807072.1, 1550.0, 1989.7, | 0.0); | ( 390804.2, |
| 3807069.6, 1534.9, 1989.7, 0.0);       |       |             |
| ( 390827.5, 3807067.0, 1517.6, 1989.7, | 0.0); | ( 390850.8, |
| 3807064.4, 1500.4, 1989.7, 0.0);       |       |             |
| ( 390874.1, 3807061.8, 1485.3, 1989.7, | 0.0); | ( 390897.4, |
| 3807059.2, 1474.8, 1989.7, 0.0);       |       |             |
| ( 390920.7, 3807056.6, 1470.5, 1989.7, | 0.0); | ( 390944.0, |
| 3807054.1, 1469.4, 1989.7, 0.0);       |       |             |
| ( 390967.3, 3807051.5, 1468.3, 1989.7, | 0.0); | ( 390990.6, |
| 3807048.9, 1462.6, 1989.7, 0.0);       |       |             |
| ( 391013.9, 3807046.3, 1452.7, 1989.7, | 0.0); | ( 391037.1, |
| 3807043.7, 1444.2, 1989.7, 0.0);       |       |             |
| ( 391060.4, 3807041.1, 1437.7, 1989.7, | 0.0); | ( 391083.7, |
| 3807038.6, 1434.9, 1989.7, 0.0);       |       |             |
| ( 391107.0, 3807036.0, 1430.1, 1989.7, | 0.0); | ( 391130.3, |

```

3807033.4, 1420.1, 1989.7, 0.0);
(391153.6, 3807030.8, 1409.0, 1989.7, 0.0); (391176.9,
3807028.2, 1405.1, 1989.7, 0.0);
(391200.2, 3807025.6, 1410.2, 1989.7, 0.0); (391223.5,
3807023.1, 1413.5, 1989.7, 0.0);
(391246.8, 3807020.5, 1410.4, 1989.7, 0.0); (391270.1,
3807017.9, 1403.3, 1989.7, 0.0);
(391293.3, 3807015.3, 1397.4, 1989.7, 0.0); (391316.6,
3807012.7, 1388.4, 1989.7, 0.0);
(391339.9, 3807010.2, 1378.9, 1989.7, 0.0); (391363.2,
3807007.6, 1372.0, 1989.7, 0.0);
(391386.5, 3807005.0, 1366.1, 1989.7, 0.0); (391409.8,
3807002.4, 1359.6, 1989.7, 0.0);
(391433.1, 3806999.8, 1352.7, 1989.7, 0.0); (391456.4,
3806997.2, 1345.1, 1989.7, 0.0);
(391479.7, 3806994.7, 1336.6, 1989.7, 0.0); (391503.0,
3806992.1, 1327.2, 1989.7, 0.0);
(391526.2, 3806989.5, 1324.9, 1989.7, 0.0); (391549.5,
3806986.9, 1327.2, 1989.7, 0.0);
(391572.8, 3806984.3, 1329.5, 1989.7, 0.0); (391596.1,
3806981.8, 1331.5, 1989.7, 0.0);
(391619.4, 3806979.2, 1336.7, 1989.7, 0.0); (391642.7,
3806976.6, 1341.9, 1989.7, 0.0);
(391666.0, 3806974.0, 1346.3, 1989.7, 0.0); (391689.3,
3806971.4, 1351.4, 1989.7, 0.0);
(391712.6, 3806968.8, 1357.4, 1989.7, 0.0); (391735.9,
3806966.3, 1363.5, 1989.7, 0.0);
(391759.2, 3806963.7, 1365.5, 1989.7, 0.0); (391782.5,
3806961.1, 1358.5, 1989.7, 0.0);
(391805.7, 3806958.5, 1354.4, 1989.7, 0.0); (391829.0,
3806955.9, 1360.5, 1989.7, 0.0);
(391852.3, 3806953.3, 1368.6, 1989.7, 0.0); (391875.6,
3806950.8, 1371.0, 1989.7, 0.0);
(391898.9, 3806948.2, 1373.3, 1989.7, 0.0); (391922.2,
3806945.6, 1377.4, 1989.7, 0.0);
(391945.5, 3806943.0, 1377.2, 1989.7, 0.0); (391968.8,
3806940.4, 1371.3, 1989.7, 0.0);
(391992.1, 3806937.8, 1366.9, 1989.7, 0.0); (392015.4,
3806935.3, 1365.7, 1989.7, 0.0);
(392038.6, 3806932.7, 1357.0, 1989.7, 0.0); (392061.9,
3806930.1, 1341.1, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 329

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 392085.2, 3806927.5, 1327.2, 1989.7, 0.0); | ( 392108.5, |
| 3806924.9, 1328.5, 1989.7, 0.0);             |             |
| ( 392131.8, 3806922.3, 1337.3, 1989.7, 0.0); | ( 392155.1, |
| 3806919.8, 1347.4, 1989.7, 0.0);             |             |
| ( 392178.4, 3806917.2, 1354.2, 1989.7, 0.0); | ( 392201.7, |
| 3806914.6, 1352.8, 1989.7, 0.0);             |             |
| ( 392225.0, 3806912.0, 1345.0, 1989.7, 0.0); | ( 392248.3, |
| 3806909.4, 1335.0, 1989.7, 0.0);             |             |
| ( 392271.6, 3806906.9, 1323.8, 1989.7, 0.0); | ( 392294.8, |
| 3806904.3, 1311.3, 1989.7, 0.0);             |             |
| ( 392318.1, 3806901.7, 1298.1, 1989.7, 0.0); | ( 392341.4, |
| 3806899.1, 1284.4, 1989.7, 0.0);             |             |
| ( 392364.7, 3806896.5, 1269.9, 1989.7, 0.0); | ( 392388.0, |
| 3806893.9, 1255.8, 1989.7, 0.0);             |             |
| ( 392411.3, 3806891.4, 1242.6, 1989.7, 0.0); | ( 392434.6, |
| 3806888.8, 1231.1, 1989.7, 0.0);             |             |
| ( 392457.9, 3806886.2, 1225.4, 1989.7, 0.0); | ( 392481.2, |
| 3806883.6, 1223.1, 1989.7, 0.0);             |             |
| ( 392504.5, 3806881.0, 1219.9, 1989.7, 0.0); | ( 392527.8, |
| 3806878.4, 1215.0, 1989.7, 0.0);             |             |
| ( 392551.0, 3806875.9, 1212.3, 1989.7, 0.0); | ( 392574.3, |
| 3806873.3, 1218.7, 1989.7, 0.0);             |             |
| ( 392597.6, 3806870.7, 1227.9, 1989.7, 0.0); | ( 392620.9, |
| 3806868.1, 1234.2, 1989.7, 0.0);             |             |
| ( 392644.2, 3806865.5, 1237.0, 1989.7, 0.0); | ( 392667.5, |
| 3806862.9, 1241.3, 1989.7, 0.0);             |             |
| ( 392690.8, 3806860.4, 1249.3, 1989.7, 0.0); | ( 392714.1, |
| 3806857.8, 1261.8, 1989.7, 0.0);             |             |
| ( 392737.4, 3806855.2, 1276.2, 1989.7, 0.0); | ( 393156.6, |
| 3806808.7, 1494.5, 1989.7, 0.0);             |             |
| ( 393179.9, 3806806.1, 1507.0, 1989.7, 0.0); | ( 393203.2, |
| 3806803.5, 1520.9, 1989.7, 0.0);             |             |
| ( 393226.5, 3806801.0, 1534.0, 1989.7, 0.0); | ( 393249.8, |
| 3806798.4, 1540.8, 1989.7, 0.0);             |             |
| ( 393273.1, 3806795.8, 1539.1, 1989.7, 0.0); | ( 393296.3, |
| 3806793.2, 1533.0, 1989.7, 0.0);             |             |
| ( 393319.6, 3806790.6, 1529.7, 1989.7, 0.0); | ( 393342.9, |
| 3806788.1, 1532.2, 1989.7, 0.0);             |             |
| ( 393366.2, 3806785.5, 1536.7, 1989.7, 0.0); | ( 393389.5, |
| 3806782.9, 1536.2, 1989.7, 0.0);             |             |
| ( 393412.8, 3806780.3, 1532.0, 1989.7, 0.0); | ( 393436.1, |
| 3806777.7, 1526.1, 1989.7, 0.0);             |             |
| ( 393459.4, 3806775.1, 1519.7, 1989.7, 0.0); | ( 393482.7, |
| 3806772.6, 1511.1, 1989.7, 0.0);             |             |
| ( 393506.0, 3806770.0, 1500.8, 1989.7, 0.0); | ( 393529.3, |
| 3806767.4, 1488.9, 1989.7, 0.0);             |             |
| ( 393552.5, 3806764.8, 1478.5, 1989.7, 0.0); | ( 393575.8, |



```

3806762.2, 1474.1, 1989.7, 0.0);
(393599.1, 3806759.6, 1475.8, 1989.7, 0.0); (393622.4,
3806757.1, 1477.1, 1989.7, 0.0);
(393645.7, 3806754.5, 1476.0, 1989.7, 0.0); (393669.0,
3806751.9, 1473.9, 1989.7, 0.0);
(393692.3, 3806749.3, 1468.1, 1989.7, 0.0); (393715.6,
3806746.7, 1457.2, 1989.7, 0.0);
(393738.9, 3806744.1, 1444.1, 1989.7, 0.0); (393762.2,
3806741.6, 1431.4, 1989.7, 0.0);
(393785.5, 3806739.0, 1421.5, 1989.7, 0.0); (393808.8,
3806736.4, 1416.4, 1989.7, 0.0);
(393832.0, 3806733.8, 1415.4, 1989.7, 0.0); (393855.3,
3806731.2, 1413.0, 1989.7, 0.0);
(393878.6, 3806728.7, 1404.3, 1989.7, 0.0); (393901.9,
3806726.1, 1392.5, 1989.7, 0.0);
(393925.2, 3806723.5, 1378.8, 1989.7, 0.0); (393948.5,
3806720.9, 1364.3, 1989.7, 0.0);
(393971.8, 3806718.3, 1349.6, 1989.7, 0.0); (393995.1,
3806715.7, 1335.1, 1989.7, 0.0);
(394018.4, 3806713.2, 1322.7, 1989.7, 0.0); (394041.7,
3806710.6, 1310.9, 1989.7, 0.0);
(394065.0, 3806708.0, 1300.2, 1989.7, 0.0); (394088.2,
3806705.4, 1295.4, 1989.7, 0.0);
(394111.5, 3806702.8, 1297.0, 1989.7, 0.0); (394134.8,
3806700.2, 1300.3, 1989.7, 0.0);
(394158.1, 3806697.7, 1303.0, 1989.7, 0.0); (394181.4,
3806695.1, 1302.8, 1989.7, 0.0);
(394204.7, 3806692.5, 1302.2, 1989.7, 0.0); (394228.0,
3806689.9, 1309.0, 1989.7, 0.0);
(394251.3, 3806687.3, 1316.0, 1989.7, 0.0); (394274.6,
3806684.8, 1321.2, 1989.7, 0.0);
(394297.9, 3806682.2, 1327.5, 1989.7, 0.0); (394321.1,
3806679.6, 1338.1, 1989.7, 0.0);
(394344.4, 3806677.0, 1349.0, 1989.7, 0.0); (394367.7,
3806674.4, 1355.6, 1989.7, 0.0);
(394391.0, 3806671.8, 1359.2, 1989.7, 0.0); (394414.3,
3806669.3, 1365.2, 1989.7, 0.0);
(394437.6, 3806666.7, 1376.4, 1989.7, 0.0); (394460.9,
3806664.1, 1390.3, 1989.7, 0.0);
(394484.2, 3806661.5, 1402.5, 1989.7, 0.0); (394507.5,
3806658.9, 1413.1, 1989.7, 0.0);
(394530.8, 3806656.3, 1425.7, 1989.7, 0.0); (394554.0,
3806653.8, 1439.9, 1989.7, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 330

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 394577.3, 3806651.2, 1454.0, 1989.7, 0.0); | ( 394600.6, |
| 3806648.6, 1467.4, 1989.7, 0.0);             |             |
| ( 394623.9, 3806646.0, 1480.7, 1989.7, 0.0); | ( 394647.2, |
| 3806643.4, 1493.6, 1989.7, 0.0);             |             |
| ( 394670.5, 3806640.8, 1505.8, 1989.7, 0.0); | ( 394693.8, |
| 3806638.3, 1517.4, 1989.7, 0.0);             |             |
| ( 394717.1, 3806635.7, 1528.4, 1989.7, 0.0); | ( 394740.4, |
| 3806633.1, 1538.7, 1989.7, 0.0);             |             |
| ( 394763.7, 3806630.5, 1547.3, 1989.7, 0.0); | ( 394787.0, |
| 3806627.9, 1553.4, 1989.7, 0.0);             |             |
| ( 394810.2, 3806625.3, 1559.7, 1989.7, 0.0); | ( 394833.5, |
| 3806622.8, 1564.2, 1989.7, 0.0);             |             |
| ( 394856.8, 3806620.2, 1568.4, 1989.7, 0.0); | ( 394880.1, |
| 3806617.6, 1570.0, 1989.7, 0.0);             |             |
| ( 394903.4, 3806615.0, 1569.2, 1989.7, 0.0); | ( 394926.7, |
| 3806612.4, 1570.7, 1989.7, 0.0);             |             |
| ( 394950.0, 3806609.9, 1577.6, 1989.7, 0.0); | ( 394973.3, |
| 3806607.3, 1589.0, 1989.7, 0.0);             |             |
| ( 394996.6, 3806604.7, 1602.0, 1989.7, 0.0); | ( 395019.9, |
| 3806602.1, 1613.9, 1830.9, 0.0);             |             |
| ( 395043.2, 3806599.5, 1620.0, 1830.9, 0.0); | ( 395066.5, |
| 3806596.9, 1616.7, 1830.9, 0.0);             |             |
| ( 395089.7, 3806594.4, 1611.2, 1830.9, 0.0); | ( 395113.0, |
| 3806591.8, 1603.2, 1830.9, 0.0);             |             |
| ( 395136.3, 3806589.2, 1592.8, 1980.8, 0.0); | ( 395159.6, |
| 3806586.6, 1581.9, 1989.7, 0.0);             |             |
| ( 395182.9, 3806584.0, 1569.6, 1989.7, 0.0); | ( 395206.2, |
| 3806581.4, 1554.2, 1989.7, 0.0);             |             |
| ( 395229.5, 3806578.9, 1537.3, 1989.7, 0.0); | ( 395252.8, |
| 3806576.3, 1520.5, 1989.7, 0.0);             |             |
| ( 395276.1, 3806573.7, 1503.0, 1989.7, 0.0); | ( 395299.4, |
| 3806571.1, 1488.5, 1989.7, 0.0);             |             |
| ( 395322.6, 3806568.5, 1481.1, 1989.7, 0.0); | ( 395345.9, |
| 3806565.9, 1483.0, 1989.7, 0.0);             |             |
| ( 395369.2, 3806563.4, 1480.0, 1989.7, 0.0); | ( 395392.5, |
| 3806560.8, 1475.5, 1989.7, 0.0);             |             |
| ( 395415.8, 3806558.2, 1474.8, 1989.7, 0.0); | ( 395439.1, |
| 3806555.6, 1477.9, 1989.7, 0.0);             |             |
| ( 395462.4, 3806553.0, 1482.8, 1989.7, 0.0); | ( 395485.7, |
| 3806550.5, 1486.1, 1989.7, 0.0);             |             |
| ( 395509.0, 3806547.9, 1482.6, 1989.7, 0.0); | ( 395532.3, |
| 3806545.3, 1472.4, 1989.7, 0.0);             |             |
| ( 395555.6, 3806542.7, 1463.5, 1989.7, 0.0); | ( 395578.8, |
| 3806540.1, 1467.2, 1989.7, 0.0);             |             |
| ( 395602.1, 3806537.5, 1476.9, 1989.7, 0.0); | ( 395625.4, |

```

3806535.0, 1488.0, 1989.7, 0.0);
(395648.7, 3806532.4, 1495.8, 1989.7, 0.0); (395672.0,
3806529.8, 1495.6, 1989.7, 0.0);
(395695.3, 3806527.2, 1488.1, 1989.7, 0.0); (395718.6,
3806524.6, 1477.7, 1989.7, 0.0);
(395741.9, 3806522.0, 1468.1, 1989.7, 0.0); (395765.2,
3806519.5, 1460.7, 1989.7, 0.0);
(395788.5, 3806516.9, 1453.6, 1989.7, 0.0); (395811.8,
3806514.3, 1443.8, 1989.7, 0.0);
(395835.0, 3806511.7, 1429.9, 1989.7, 0.0); (395858.3,
3806509.1, 1414.4, 1989.7, 0.0);
(395881.6, 3806506.5, 1399.8, 1989.7, 0.0); (395904.9,
3806504.0, 1386.7, 2009.6, 0.0);
(395928.2, 3806501.4, 1374.2, 2009.6, 0.0); (395951.5,
3806498.8, 1362.5, 2009.6, 0.0);
(395974.8, 3806496.2, 1351.1, 2009.6, 0.0); (395998.1,
3806493.6, 1339.7, 2009.6, 0.0);
(396021.4, 3806491.1, 1331.4, 2009.6, 0.0); (396044.7,
3806488.5, 1333.2, 2009.6, 0.0);
(396068.0, 3806485.9, 1343.2, 2009.6, 0.0); (396091.2,
3806483.3, 1350.6, 2009.6, 0.0);
(396114.5, 3806480.7, 1360.5, 2009.6, 0.0); (396137.8,
3806478.1, 1375.9, 2009.6, 0.0);
(396161.1, 3806475.6, 1389.9, 2009.6, 0.0); (396184.4,
3806473.0, 1393.3, 2009.6, 0.0);
(396207.7, 3806470.4, 1387.0, 2009.6, 0.0); (396231.0,
3806467.8, 1376.6, 2009.6, 0.0);
(396254.3, 3806465.2, 1365.5, 2009.6, 0.0); (396277.6,
3806462.6, 1354.9, 2058.5, 0.0);
(396300.9, 3806460.1, 1346.9, 2084.1, 0.0); (396324.1,
3806457.5, 1343.5, 2084.1, 0.0);
(396347.4, 3806454.9, 1343.7, 2084.1, 0.0); (396370.7,
3806452.3, 1346.0, 2084.1, 0.0);
(396394.0, 3806449.7, 1346.7, 2084.1, 0.0); (396417.3,
3806447.1, 1342.3, 2084.1, 0.0);
(396440.6, 3806444.6, 1342.0, 2084.1, 0.0); (396463.9,
3806442.0, 1348.0, 2084.1, 0.0);
(396487.2, 3806439.4, 1358.2, 2084.1, 0.0); (396510.5,
3806436.8, 1369.8, 2084.1, 0.0);
(396533.8, 3806434.2, 1381.1, 2009.6, 0.0); (396557.1,
3806431.7, 1391.3, 2009.6, 0.0);
(396580.3, 3806429.1, 1401.4, 2009.6, 0.0); (396603.6,
3806426.5, 1411.4, 2009.6, 0.0);
(396626.9, 3806423.9, 1425.1, 2009.6, 0.0); (396650.2,
3806421.3, 1440.0, 2009.6, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 396673.5, 3806418.7, 1455.4, 2009.6, 0.0); | ( 396696.8, |
| 3806416.2, 1468.6, 2002.8, 0.0);             |             |
| ( 396720.1, 3806413.6, 1478.4, 1830.9, 0.0); | ( 396743.4, |
| 3806411.0, 1485.4, 1830.9, 0.0);             |             |
| ( 396766.7, 3806408.4, 1490.1, 1830.9, 0.0); | ( 396790.0, |
| 3806405.8, 1494.5, 1830.9, 0.0);             |             |
| ( 396813.3, 3806403.2, 1499.7, 1830.9, 0.0); | ( 396836.5, |
| 3806400.7, 1505.6, 1830.9, 0.0);             |             |
| ( 396859.8, 3806398.1, 1512.0, 1830.9, 0.0); | ( 396883.1, |
| 3806395.5, 1517.5, 1830.9, 0.0);             |             |
| ( 396906.4, 3806392.9, 1522.6, 1830.9, 0.0); | ( 396929.7, |
| 3806390.3, 1527.9, 1830.9, 0.0);             |             |
| ( 396953.0, 3806387.8, 1534.2, 1830.9, 0.0); | ( 396976.3, |
| 3806385.2, 1540.4, 1830.9, 0.0);             |             |
| ( 396999.6, 3806382.6, 1545.8, 1830.9, 0.0); | ( 397022.9, |
| 3806380.0, 1551.2, 1830.9, 0.0);             |             |
| ( 397046.2, 3806377.4, 1557.5, 1830.9, 0.0); | ( 397069.5, |
| 3806374.8, 1565.4, 1830.9, 0.0);             |             |
| ( 397092.8, 3806372.3, 1575.2, 1830.9, 0.0); | ( 397116.0, |
| 3806369.7, 1586.0, 1830.9, 0.0);             |             |
| ( 397139.3, 3806367.1, 1597.4, 1830.9, 0.0); | ( 397162.6, |
| 3806364.5, 1610.3, 1830.9, 0.0);             |             |
| ( 397185.9, 3806361.9, 1623.3, 1830.9, 0.0); | ( 397209.2, |
| 3806359.3, 1635.2, 1830.9, 0.0);             |             |
| ( 397232.5, 3806356.8, 1647.3, 1830.9, 0.0); | ( 397255.8, |
| 3806354.2, 1658.0, 1830.9, 0.0);             |             |
| ( 397279.1, 3806351.6, 1661.5, 1830.9, 0.0); | ( 397302.4, |
| 3806349.0, 1657.3, 1830.9, 0.0);             |             |
| ( 397325.6, 3806346.4, 1647.6, 1830.9, 0.0); | ( 397348.9, |
| 3806343.8, 1635.2, 1830.9, 0.0);             |             |
| ( 397372.2, 3806341.3, 1624.5, 1830.9, 0.0); | ( 397395.5, |
| 3806338.7, 1618.8, 1830.9, 0.0);             |             |
| ( 397418.8, 3806336.1, 1616.1, 1830.9, 0.0); | ( 397442.1, |
| 3806333.5, 1610.6, 1830.9, 0.0);             |             |
| ( 397465.4, 3806330.9, 1600.5, 1830.9, 0.0); | ( 397488.7, |
| 3806328.3, 1590.5, 1830.9, 0.0);             |             |
| ( 397512.0, 3806325.8, 1579.8, 1830.9, 0.0); | ( 397535.3, |
| 3806323.2, 1569.8, 1830.9, 0.0);             |             |
| ( 397558.6, 3806320.6, 1562.9, 1830.9, 0.0); | ( 397581.8, |
| 3806318.0, 1563.8, 1830.9, 0.0);             |             |
| ( 397605.1, 3806315.4, 1573.2, 1830.9, 0.0); | ( 397628.4, |
| 3806312.9, 1585.5, 1830.9, 0.0);             |             |
| ( 397651.7, 3806310.3, 1597.6, 1830.9, 0.0); | ( 397675.0, |

```

3806307.7, 1610.2, 1830.9, 0.0);
(397698.3, 3806305.1, 1624.6, 1830.9, 0.0); (397721.6,
3806302.5, 1640.5, 1830.9, 0.0);
(397744.9, 3806299.9, 1657.4, 1813.1, 0.0); (397768.2,
3806297.4, 1673.6, 1767.4, 0.0);
(397791.5, 3806294.8, 1689.0, 1767.4, 0.0); (397814.8,
3806292.2, 1703.6, 1767.4, 0.0);
(397838.0, 3806289.6, 1713.6, 1717.3, 0.0); (397861.3,
3806287.0, 1714.6, 1717.3, 0.0);
(397884.6, 3806284.4, 1708.2, 1729.3, 0.0); (397907.9,
3806281.9, 1701.5, 1736.1, 0.0);
(397931.2, 3806279.3, 1698.5, 1736.1, 0.0); (397954.5,
3806276.7, 1697.1, 1736.1, 0.0);
(397977.8, 3806274.1, 1696.1, 1736.1, 0.0); (398001.1,
3806271.5, 1690.8, 1767.4, 0.0);
(398024.4, 3806268.9, 1687.1, 1767.4, 0.0); (398047.7,
3806266.4, 1682.9, 1767.4, 0.0);
(398071.0, 3806263.8, 1676.4, 1767.4, 0.0); (398094.2,
3806261.2, 1669.6, 1767.4, 0.0);
(398117.5, 3806258.6, 1663.0, 1767.4, 0.0); (398140.8,
3806256.0, 1656.7, 1767.4, 0.0);
(398164.1, 3806253.5, 1650.6, 1767.4, 0.0); (383920.8,
3815722.1, 893.8, 1104.6, 0.0);
(383920.0, 3815745.6, 889.6, 1104.6, 0.0); (383919.2,
3815769.1, 882.9, 1104.6, 0.0);
(383918.4, 3815792.5, 876.7, 1104.6, 0.0); (383917.6,
3815816.0, 873.1, 1147.8, 0.0);
(383916.8, 3815839.5, 875.6, 1104.6, 0.0); (383916.1,
3815862.9, 879.0, 1104.6, 0.0);
(383915.3, 3815886.4, 882.1, 1104.6, 0.0); (383914.5,
3815909.9, 884.8, 1104.6, 0.0);
(383913.7, 3815933.4, 887.5, 1104.6, 0.0); (383912.9,
3815956.8, 891.8, 1104.6, 0.0);
(383912.1, 3815980.3, 896.5, 1104.6, 0.0); (383911.3,
3816003.8, 901.6, 1104.6, 0.0);
(382599.6, 3815657.0, 837.6, 1151.4, 0.0); (382611.0,
3815636.6, 840.2, 1151.4, 0.0);
(382622.5, 3815616.1, 842.6, 1151.4, 0.0); (382633.9,
3815595.6, 846.3, 1151.4, 0.0);
(382645.3, 3815575.2, 847.9, 1151.4, 0.0); (382656.7,
3815554.7, 853.8, 1151.4, 0.0);
(382668.1, 3815534.2, 862.6, 1104.6, 0.0); (382679.6,
3815513.8, 872.9, 1104.6, 0.0);
(382691.0, 3815493.3, 881.3, 1104.6, 0.0); (382702.4,
3815472.8, 881.3, 1104.6, 0.0);
(382713.8, 3815452.4, 880.6, 1104.6, 0.0); (382725.3,
3815431.9, 888.1, 1104.6, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 332

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 382736.7, 3815411.4, 894.9, 1104.6, 0.0); | ( 382748.1, |
| 3815391.0, 902.5, 1104.6, 0.0);             |             |
| ( 382759.5, 3815370.5, 907.8, 1059.7, 0.0); | ( 382771.0, |
| 3815350.0, 913.9, 984.5, 0.0);              |             |
| ( 382782.4, 3815329.6, 918.8, 984.5, 0.0);  | ( 382793.8, |
| 3815309.1, 919.6, 984.5, 0.0);              |             |
| ( 382805.2, 3815288.6, 920.8, 984.5, 0.0);  | ( 382816.7, |
| 3815268.2, 922.4, 984.5, 0.0);              |             |
| ( 382828.1, 3815247.7, 930.6, 984.5, 0.0);  | ( 382839.5, |
| 3815227.2, 940.0, 984.5, 0.0);              |             |
| ( 382850.9, 3815206.8, 946.1, 984.5, 0.0);  | ( 382862.4, |
| 3815186.3, 942.9, 984.5, 0.0);              |             |
| ( 382873.8, 3815165.8, 935.5, 984.5, 0.0);  | ( 382885.2, |
| 3815145.4, 926.7, 984.5, 0.0);              |             |
| ( 382896.6, 3815124.9, 917.4, 984.5, 0.0);  | ( 382908.1, |
| 3815104.4, 910.8, 984.5, 0.0);              |             |
| ( 382919.5, 3815084.0, 905.4, 984.5, 0.0);  | ( 382930.9, |
| 3815063.5, 900.6, 984.5, 0.0);              |             |
| ( 382942.3, 3815043.0, 895.4, 984.5, 0.0);  | ( 382953.8, |
| 3815022.6, 888.6, 1059.7, 0.0);             |             |
| ( 382965.2, 3815002.1, 891.1, 984.5, 0.0);  | ( 382976.6, |
| 3814981.6, 894.4, 984.5, 0.0);              |             |
| ( 382988.0, 3814961.2, 895.7, 984.5, 0.0);  | ( 382999.5, |
| 3814940.7, 897.1, 984.5, 0.0);              |             |
| ( 383010.9, 3814920.2, 899.4, 984.5, 0.0);  | ( 383022.3, |
| 3814899.8, 899.2, 984.5, 0.0);              |             |
| ( 383033.7, 3814879.3, 892.5, 984.5, 0.0);  | ( 383045.1, |
| 3814858.8, 885.7, 984.5, 0.0);              |             |
| ( 383056.6, 3814838.4, 881.3, 984.5, 0.0);  | ( 383068.0, |
| 3814817.9, 880.7, 984.5, 0.0);              |             |
| ( 383079.4, 3814797.4, 877.8, 984.5, 0.0);  | ( 383090.8, |
| 3814777.0, 874.5, 984.5, 0.0);              |             |
| ( 383102.3, 3814756.5, 867.0, 1059.7, 0.0); | ( 383113.7, |
| 3814736.0, 861.2, 1059.7, 0.0);             |             |
| ( 383125.1, 3814715.6, 854.8, 1104.6, 0.0); | ( 383136.5, |
| 3814695.1, 854.4, 1104.6, 0.0);             |             |
| ( 383148.0, 3814674.6, 855.8, 1059.7, 0.0); | ( 383159.4, |
| 3814654.2, 857.4, 1059.7, 0.0);             |             |
| ( 383170.8, 3814633.7, 853.8, 1059.7, 0.0); | ( 383182.2, |
| 3814613.2, 850.6, 1059.7, 0.0);             |             |
| ( 383193.6, 3814592.8, 852.0, 1059.7, 0.0); | ( 383205.1, |

3814572.3, 851.5, 1059.7, 0.0);  
 ( 383216.5, 3814551.8, 849.5, 1059.7, 0.0); ( 383227.9,  
 3814531.4, 846.6, 1059.7, 0.0);  
 ( 383239.3, 3814510.9, 842.4, 1059.7, 0.0); ( 383250.8,  
 3814490.4, 837.7, 1104.6, 0.0);  
 ( 383262.2, 3814470.0, 834.4, 1104.6, 0.0); ( 383273.6,  
 3814449.5, 832.5, 1104.6, 0.0);  
 ( 383285.0, 3814429.0, 830.9, 1104.6, 0.0); ( 383296.5,  
 3814408.6, 830.6, 1104.6, 0.0);  
 ( 383307.9, 3814388.1, 829.5, 1059.7, 0.0); ( 383319.3,  
 3814367.6, 828.7, 1059.7, 0.0);  
 ( 383330.7, 3814347.2, 824.9, 1104.6, 0.0); ( 383342.2,  
 3814326.7, 822.4, 1104.6, 0.0);  
 ( 383353.6, 3814306.2, 818.5, 1104.6, 0.0); ( 383365.0,  
 3814285.8, 815.2, 1104.6, 0.0);  
 ( 383376.4, 3814265.3, 813.3, 1104.6, 0.0); ( 383387.9,  
 3814244.8, 814.5, 1104.6, 0.0);  
 ( 383399.3, 3814224.4, 814.0, 1104.6, 0.0); ( 383410.7,  
 3814203.9, 811.3, 1104.6, 0.0);  
 ( 383422.1, 3814183.4, 808.9, 1104.6, 0.0); ( 383433.6,  
 3814163.0, 803.1, 1104.6, 0.0);  
 ( 383445.0, 3814142.5, 799.3, 1104.6, 0.0); ( 383456.4,  
 3814122.0, 795.8, 1255.1, 0.0);  
 ( 383467.8, 3814101.6, 792.4, 1934.2, 0.0); ( 383479.2,  
 3814081.1, 786.0, 1937.2, 0.0);  
 ( 383490.7, 3814060.6, 779.8, 1937.2, 0.0); ( 383502.1,  
 3814040.2, 776.6, 1955.9, 0.0);  
 ( 383513.5, 3814019.7, 780.6, 1955.9, 0.0); ( 383525.0,  
 3813999.2, 787.2, 1937.2, 0.0);  
 ( 383536.4, 3813978.8, 783.2, 1956.1, 0.0); ( 383547.8,  
 3813958.3, 781.9, 1956.1, 0.0);  
 ( 383559.2, 3813937.8, 785.0, 1956.1, 0.0); ( 383570.6,  
 3813917.4, 788.5, 1956.1, 0.0);  
 ( 383582.1, 3813896.9, 787.5, 1956.1, 0.0); ( 383593.5,  
 3813876.4, 783.8, 1979.6, 0.0);  
 ( 383604.9, 3813856.0, 786.1, 1979.6, 0.0); ( 383616.3,  
 3813835.5, 785.2, 1980.1, 0.0);  
 ( 383627.8, 3813815.0, 778.3, 1980.1, 0.0); ( 383639.2,  
 3813794.6, 769.3, 1980.1, 0.0);  
 ( 383650.6, 3813774.1, 762.7, 1989.5, 0.0); ( 383662.0,  
 3813753.6, 763.5, 1989.7, 0.0);  
 ( 383673.5, 3813733.2, 773.7, 1983.1, 0.0); ( 383684.9,  
 3813712.7, 783.8, 1980.1, 0.0);  
 ( 383696.3, 3813692.2, 789.4, 1980.1, 0.0); ( 383707.7,  
 3813671.8, 792.6, 1980.1, 0.0);  
 ( 383719.1, 3813651.3, 797.8, 1980.1, 0.0); ( 383730.6,  
 3813630.8, 802.4, 1980.1, 0.0);  
 ( 383742.0, 3813610.4, 801.9, 1980.1, 0.0); ( 383753.4,  
 3813589.9, 795.9, 1980.1, 0.0);

Study

\*\*\*

02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\*  
\*\*\* Prairie Song BESS Plume Study  
17:54:19

PAGE 333

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| ( 383764.8, 3813569.4, 784.5, 1989.7, 0.0); | ( 383776.3, 3813549.0, 782.9, 1989.7, 0.0); |
| ( 383787.7, 3813528.5, 788.5, 1989.7, 0.0); | ( 383799.1, 3813508.0, 798.7, 1983.1, 0.0); |
| ( 383810.5, 3813487.6, 806.3, 1980.1, 0.0); | ( 383822.0, 3813467.1, 810.8, 1980.1, 0.0); |
| ( 383833.4, 3813446.6, 806.5, 1981.6, 0.0); | ( 383844.8, 3813426.2, 798.6, 1989.7, 0.0); |
| ( 383856.2, 3813405.7, 791.8, 1989.7, 0.0); | ( 383867.7, 3813385.2, 783.8, 1989.7, 0.0); |
| ( 383879.1, 3813364.8, 779.0, 1989.7, 0.0); | ( 383890.5, 3813344.3, 773.0, 1989.7, 0.0); |
| ( 383901.9, 3813323.8, 772.0, 1989.7, 0.0); | ( 383913.4, 3813303.4, 770.4, 1989.7, 0.0); |
| ( 383924.8, 3813282.9, 770.2, 1989.7, 0.0); | ( 383936.2, 3813262.4, 766.1, 1989.7, 0.0); |
| ( 383947.6, 3813242.0, 764.4, 1989.7, 0.0); | ( 383959.1, 3813221.5, 764.9, 1989.7, 0.0); |
| ( 383970.5, 3813201.0, 767.2, 1989.7, 0.0); | ( 383981.9, 3813180.6, 764.0, 1989.7, 0.0); |
| ( 383993.3, 3813160.1, 758.5, 1989.7, 0.0); | ( 384004.8, 3813139.6, 752.6, 1989.7, 0.0); |
| ( 384016.2, 3813119.2, 752.3, 1989.7, 0.0); | ( 384027.6, 3813098.7, 759.4, 1989.7, 0.0); |
| ( 384039.0, 3813078.2, 761.1, 1989.7, 0.0); | ( 384050.5, 3813057.8, 758.8, 1989.7, 0.0); |
| ( 384061.9, 3813037.3, 756.1, 1989.7, 0.0); | ( 384073.3, 3813016.8, 749.6, 1989.7, 0.0); |
| ( 384084.7, 3812996.4, 742.9, 1989.7, 0.0); | ( 384096.1, 3812975.9, 734.9, 1989.7, 0.0); |
| ( 384107.6, 3812955.4, 730.8, 1989.7, 0.0); | ( 384119.0, 3812935.0, 729.9, 1989.7, 0.0); |
| ( 384130.4, 3812914.5, 733.1, 1989.7, 0.0); | ( 384141.8, 3812894.0, 735.7, 1989.7, 0.0); |
| ( 384153.3, 3812873.6, 736.0, 1989.7, 0.0); | ( 384164.7, 3812853.1, 734.2, 1989.7, 0.0); |
| ( 384176.1, 3812832.6, 727.8, 1989.7, 0.0); | ( 384187.5, 3812812.2, 720.7, 1989.7, 0.0); |
| ( 384199.0, 3812791.7, 713.5, 1989.7, 0.0); | ( 384210.4, 3812770.0, 706.4, 1989.7, 0.0); |



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3812771.2,  | 710.9,     | 1989.7, | 0.0);   |       |             |
| ( 384221.8, | 3812750.8, | 710.6,  | 1989.7, | 0.0); | ( 384233.2, |
| 3812730.3,  | 711.6,     | 1989.7, | 0.0);   |       |             |
| ( 384244.6, | 3812709.8, | 716.9,  | 1989.7, | 0.0); | ( 384256.1, |
| 3812689.4,  | 722.6,     | 1989.7, | 0.0);   |       |             |
| ( 384267.5, | 3812668.9, | 723.1,  | 1989.7, | 0.0); | ( 384278.9, |
| 3812648.4,  | 717.1,     | 1989.7, | 0.0);   |       |             |
| ( 384290.3, | 3812628.0, | 715.5,  | 1989.7, | 0.0); | ( 384301.8, |
| 3812607.5,  | 721.1,     | 1989.7, | 0.0);   |       |             |
| ( 384313.2, | 3812587.0, | 728.8,  | 1989.7, | 0.0); | ( 384324.6, |
| 3812566.6,  | 737.0,     | 1989.7, | 0.0);   |       |             |
| ( 384336.0, | 3812546.1, | 740.7,  | 1989.7, | 0.0); | ( 384347.5, |
| 3812525.6,  | 746.9,     | 1989.7, | 0.0);   |       |             |
| ( 384358.9, | 3812505.2, | 753.6,  | 1989.7, | 0.0); | ( 384370.3, |
| 3812484.7,  | 762.9,     | 1989.7, | 0.0);   |       |             |
| ( 384381.7, | 3812464.2, | 768.3,  | 1989.7, | 0.0); | ( 384393.2, |
| 3812443.8,  | 772.4,     | 1989.7, | 0.0);   |       |             |
| ( 384404.6, | 3812423.3, | 779.3,  | 1989.7, | 0.0); | ( 384416.0, |
| 3812402.8,  | 782.6,     | 1989.7, | 0.0);   |       |             |
| ( 384427.4, | 3812382.4, | 781.2,  | 1989.7, | 0.0); | ( 384438.9, |
| 3812361.9,  | 779.9,     | 1989.7, | 0.0);   |       |             |
| ( 384450.3, | 3812341.4, | 784.0,  | 1989.7, | 0.0); | ( 384461.7, |
| 3812321.0,  | 788.5,     | 1989.7, | 0.0);   |       |             |
| ( 384473.1, | 3812300.5, | 787.0,  | 1989.7, | 0.0); | ( 384484.6, |
| 3812280.0,  | 780.9,     | 1989.7, | 0.0);   |       |             |
| ( 384496.0, | 3812259.6, | 773.4,  | 1989.7, | 0.0); | ( 384507.4, |
| 3812239.1,  | 767.2,     | 1989.7, | 0.0);   |       |             |
| ( 384518.8, | 3812218.6, | 761.6,  | 1989.7, | 0.0); | ( 384530.2, |
| 3812198.2,  | 756.9,     | 1989.7, | 0.0);   |       |             |
| ( 384541.7, | 3812177.7, | 750.1,  | 1989.7, | 0.0); | ( 384553.1, |
| 3812157.2,  | 745.5,     | 1989.7, | 0.0);   |       |             |
| ( 384564.5, | 3812136.8, | 741.9,  | 1989.7, | 0.0); | ( 384576.0, |
| 3812116.3,  | 742.7,     | 1989.7, | 0.0);   |       |             |
| ( 384587.4, | 3812095.8, | 743.8,  | 1989.7, | 0.0); | ( 384598.8, |
| 3812075.4,  | 742.6,     | 1989.7, | 0.0);   |       |             |
| ( 384610.2, | 3812054.9, | 739.0,  | 1989.7, | 0.0); | ( 384621.6, |
| 3812034.4,  | 734.9,     | 1989.7, | 0.0);   |       |             |
| ( 384633.1, | 3812014.0, | 733.2,  | 1989.7, | 0.0); | ( 384644.5, |
| 3811993.5,  | 734.3,     | 1989.7, | 0.0);   |       |             |
| ( 384655.9, | 3811973.0, | 732.7,  | 1989.7, | 0.0); | ( 384667.3, |
| 3811952.6,  | 729.5,     | 1989.7, | 0.0);   |       |             |
| ( 384678.8, | 3811932.1, | 723.3,  | 1989.7, | 0.0); | ( 384690.2, |
| 3811911.7,  | 717.4,     | 1989.7, | 0.0);   |       |             |
| ( 384701.6, | 3811891.2, | 711.8,  | 1989.7, | 0.0); | ( 384713.0, |
| 3811870.7,  | 708.1,     | 1989.7, | 0.0);   |       |             |
| ( 384724.5, | 3811850.3, | 706.3,  | 1989.7, | 0.0); | ( 384735.9, |
| 3811829.8,  | 701.9,     | 1989.7, | 0.0);   |       |             |
| ( 384747.3, | 3811809.3, | 699.7,  | 1989.7, | 0.0); | ( 384758.7, |
| 3811788.9,  | 698.2,     | 1989.7, | 0.0);   |       |             |
| ( 384770.1, | 3811768.4, | 698.2,  | 1989.7, | 0.0); | ( 384781.6, |

3811747.9, 698.2, 1989.7, 0.0);  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 334

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 384793.0, 3811727.5, 698.0, 1989.7, 0.0); | ( 384804.4, |
| 3811707.0, 699.0, 1989.7, 0.0);             |             |
| ( 384815.8, 3811686.5, 701.3, 1989.7, 0.0); | ( 384827.3, |
| 3811666.1, 705.4, 1989.7, 0.0);             |             |
| ( 384838.7, 3811645.6, 711.8, 1989.7, 0.0); | ( 384850.1, |
| 3811625.1, 719.1, 1989.7, 0.0);             |             |
| ( 384861.5, 3811604.7, 727.0, 1989.7, 0.0); | ( 384873.0, |
| 3811584.2, 738.1, 1989.7, 0.0);             |             |
| ( 384884.4, 3811563.7, 748.0, 1989.7, 0.0); | ( 384895.8, |
| 3811543.3, 756.2, 1989.7, 0.0);             |             |
| ( 384907.2, 3811522.8, 762.0, 1989.7, 0.0); | ( 384918.7, |
| 3811502.3, 764.5, 1989.7, 0.0);             |             |
| ( 384930.1, 3811481.9, 764.2, 1989.7, 0.0); | ( 384941.5, |
| 3811461.4, 760.2, 1989.7, 0.0);             |             |
| ( 384952.9, 3811440.9, 757.3, 1989.7, 0.0); | ( 384964.4, |
| 3811420.5, 755.2, 1989.7, 0.0);             |             |
| ( 384975.8, 3811400.0, 752.6, 1989.7, 0.0); | ( 384987.2, |
| 3811379.5, 749.8, 1989.7, 0.0);             |             |
| ( 384998.6, 3811359.1, 749.0, 1989.7, 0.0); | ( 385010.1, |
| 3811338.6, 748.8, 1989.7, 0.0);             |             |
| ( 385021.5, 3811318.1, 746.8, 1989.7, 0.0); | ( 385032.9, |
| 3811297.7, 744.1, 1989.7, 0.0);             |             |
| ( 385044.3, 3811277.2, 742.0, 1989.7, 0.0); | ( 385055.8, |
| 3811256.7, 741.4, 1989.7, 0.0);             |             |
| ( 385067.2, 3811236.3, 742.4, 1989.7, 0.0); | ( 385078.6, |
| 3811215.8, 746.3, 1989.7, 0.0);             |             |
| ( 385090.0, 3811195.3, 750.8, 1989.7, 0.0); | ( 385101.5, |
| 3811174.9, 751.6, 1989.7, 0.0);             |             |
| ( 385112.9, 3811154.4, 752.2, 1989.7, 0.0); | ( 385124.3, |
| 3811133.9, 753.4, 1989.7, 0.0);             |             |
| ( 385135.7, 3811113.5, 754.8, 1989.7, 0.0); | ( 385147.1, |
| 3811093.0, 753.8, 1989.7, 0.0);             |             |
| ( 385158.6, 3811072.5, 752.8, 1989.7, 0.0); | ( 385170.0, |
| 3811052.1, 752.0, 1989.7, 0.0);             |             |
| ( 385181.4, 3811031.6, 751.3, 1989.7, 0.0); | ( 385192.8, |
| 3811011.1, 751.7, 1989.7, 0.0);             |             |
| ( 385204.3, 3810990.7, 753.0, 1989.7, 0.0); | ( 385215.7, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3810970.2,  | 754.5,     | 1989.7, | 0.0);   |       |             |
| ( 385227.1, | 3810949.7, | 755.1,  | 1989.7, | 0.0); | ( 385238.5, |
| 3810929.3,  | 755.2,     | 1989.7, | 0.0);   |       |             |
| ( 385250.0, | 3810908.8, | 755.6,  | 1989.7, | 0.0); | ( 385261.4, |
| 3810888.3,  | 755.8,     | 1989.7, | 0.0);   |       |             |
| ( 385272.8, | 3810867.9, | 755.6,  | 1989.7, | 0.0); | ( 385284.2, |
| 3810847.4,  | 752.6,     | 1989.7, | 0.0);   |       |             |
| ( 385295.6, | 3810826.9, | 746.0,  | 1989.7, | 0.0); | ( 385307.1, |
| 3810806.5,  | 737.7,     | 1989.7, | 0.0);   |       |             |
| ( 385318.5, | 3810786.0, | 732.7,  | 1989.7, | 0.0); | ( 385329.9, |
| 3810765.5,  | 731.2,     | 1989.7, | 0.0);   |       |             |
| ( 385341.3, | 3810745.1, | 730.5,  | 1989.7, | 0.0); | ( 385352.8, |
| 3810724.6,  | 733.5,     | 1989.7, | 0.0);   |       |             |
| ( 385364.2, | 3810704.1, | 737.7,  | 1989.7, | 0.0); | ( 385375.6, |
| 3810683.7,  | 742.7,     | 1989.7, | 0.0);   |       |             |
| ( 385387.0, | 3810663.2, | 751.8,  | 1989.7, | 0.0); | ( 385398.5, |
| 3810642.7,  | 762.7,     | 1989.7, | 0.0);   |       |             |
| ( 385409.9, | 3810622.3, | 772.3,  | 1989.7, | 0.0); | ( 385421.3, |
| 3810601.8,  | 773.4,     | 1989.7, | 0.0);   |       |             |
| ( 385432.7, | 3810581.3, | 767.0,  | 1989.7, | 0.0); | ( 385444.2, |
| 3810560.9,  | 762.4,     | 1989.7, | 0.0);   |       |             |
| ( 385455.6, | 3810540.4, | 759.0,  | 1989.7, | 0.0); | ( 385467.0, |
| 3810519.9,  | 756.9,     | 1989.7, | 0.0);   |       |             |
| ( 385478.4, | 3810499.5, | 763.5,  | 1989.7, | 0.0); | ( 385489.9, |
| 3810479.0,  | 772.5,     | 1989.7, | 0.0);   |       |             |
| ( 385501.3, | 3810458.5, | 781.5,  | 1989.7, | 0.0); | ( 385512.7, |
| 3810438.1,  | 780.7,     | 1989.7, | 0.0);   |       |             |
| ( 385524.1, | 3810417.6, | 770.6,  | 1989.7, | 0.0); | ( 385535.6, |
| 3810397.1,  | 759.6,     | 1989.7, | 0.0);   |       |             |
| ( 385547.0, | 3810376.7, | 749.4,  | 1989.7, | 0.0); | ( 385558.4, |
| 3810356.2,  | 746.0,     | 1989.7, | 0.0);   |       |             |
| ( 385569.8, | 3810335.7, | 750.6,  | 1989.7, | 0.0); | ( 385581.2, |
| 3810315.3,  | 760.5,     | 1989.7, | 0.0);   |       |             |
| ( 385592.7, | 3810294.8, | 765.9,  | 1989.7, | 0.0); | ( 385604.1, |
| 3810274.3,  | 768.9,     | 1989.7, | 0.0);   |       |             |
| ( 385615.5, | 3810253.9, | 776.6,  | 1989.7, | 0.0); | ( 385627.0, |
| 3810233.4,  | 783.3,     | 1989.7, | 0.0);   |       |             |
| ( 385638.4, | 3810212.9, | 790.3,  | 1989.7, | 0.0); | ( 385649.8, |
| 3810192.5,  | 799.0,     | 1989.7, | 0.0);   |       |             |
| ( 385661.2, | 3810172.0, | 808.1,  | 1989.7, | 0.0); | ( 385672.6, |
| 3810151.5,  | 815.8,     | 1989.7, | 0.0);   |       |             |
| ( 385684.1, | 3810131.1, | 822.3,  | 1989.7, | 0.0); | ( 385695.5, |
| 3810110.6,  | 827.3,     | 1989.7, | 0.0);   |       |             |
| ( 385706.9, | 3810090.1, | 830.0,  | 1989.7, | 0.0); | ( 385718.3, |
| 3810069.7,  | 831.9,     | 1989.7, | 0.0);   |       |             |
| ( 385729.8, | 3810049.2, | 835.1,  | 1989.7, | 0.0); | ( 385741.2, |
| 3810028.7,  | 840.8,     | 1989.7, | 0.0);   |       |             |
| ( 385752.6, | 3810008.3, | 843.3,  | 1989.7, | 0.0); | ( 385764.0, |
| 3809987.8,  | 841.5,     | 1989.7, | 0.0);   |       |             |
| ( 385775.5, | 3809967.3, | 838.0,  | 1989.7, | 0.0); | ( 385786.9, |

3809946.9, 840.1, 1989.7, 0.0);  
 ( 385798.3, 3809926.4, 841.3, 1989.7, 0.0); ( 385809.7,  
 3809905.9, 844.9, 1989.7, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 335

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 385821.1, 3809885.5, 855.2, 1989.7, 0.0); | ( 385832.6, |
| 3809865.0, 862.9, 1989.7, 0.0);             |             |
| ( 385844.0, 3809844.5, 865.3, 1989.7, 0.0); | ( 385855.4, |
| 3809824.1, 865.2, 1989.7, 0.0);             |             |
| ( 385866.8, 3809803.6, 863.5, 1989.7, 0.0); | ( 385878.3, |
| 3809783.1, 860.9, 1989.7, 0.0);             |             |
| ( 385889.7, 3809762.7, 853.2, 1989.7, 0.0); | ( 385901.1, |
| 3809742.2, 843.9, 1989.7, 0.0);             |             |
| ( 385912.5, 3809721.7, 832.3, 1989.7, 0.0); | ( 385924.0, |
| 3809701.3, 826.2, 1989.7, 0.0);             |             |
| ( 385935.4, 3809680.8, 823.6, 1989.7, 0.0); | ( 385946.8, |
| 3809660.3, 826.9, 1989.7, 0.0);             |             |
| ( 385958.2, 3809639.9, 827.0, 1989.7, 0.0); | ( 385969.7, |
| 3809619.4, 825.6, 1989.7, 0.0);             |             |
| ( 385981.1, 3809598.9, 823.0, 1989.7, 0.0); | ( 385992.5, |
| 3809578.5, 821.4, 1989.7, 0.0);             |             |
| ( 386003.9, 3809558.0, 821.7, 1989.7, 0.0); | ( 386015.4, |
| 3809537.5, 820.8, 1989.7, 0.0);             |             |
| ( 386026.8, 3809517.1, 814.5, 1989.7, 0.0); | ( 386038.2, |
| 3809496.6, 807.4, 1989.7, 0.0);             |             |
| ( 386049.6, 3809476.1, 799.5, 1989.7, 0.0); | ( 386061.1, |
| 3809455.7, 791.2, 1989.7, 0.0);             |             |
| ( 386072.5, 3809435.2, 783.0, 1989.7, 0.0); | ( 386083.9, |
| 3809414.7, 778.5, 1989.7, 0.0);             |             |
| ( 386095.3, 3809394.3, 781.7, 1989.7, 0.0); | ( 386106.8, |
| 3809373.8, 791.4, 1989.7, 0.0);             |             |
| ( 386118.2, 3809353.3, 794.5, 1989.7, 0.0); | ( 386129.6, |
| 3809332.9, 798.0, 1989.7, 0.0);             |             |
| ( 386141.0, 3809312.4, 803.0, 1989.7, 0.0); | ( 386152.5, |
| 3809291.9, 806.7, 1989.7, 0.0);             |             |
| ( 386163.9, 3809271.5, 802.2, 1989.7, 0.0); | ( 386175.3, |
| 3809251.0, 795.4, 1989.7, 0.0);             |             |
| ( 386186.7, 3809230.5, 794.4, 1989.7, 0.0); | ( 386198.1, |
| 3809210.1, 795.1, 1989.7, 0.0);             |             |
| ( 386209.6, 3809189.6, 798.3, 1989.7, 0.0); | ( 386221.0, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3809169.1,  | 803.7,     | 1989.7, | 0.0);   |       |             |
| ( 386232.4, | 3809148.7, | 814.0,  | 1989.7, | 0.0); | ( 386243.8, |
| 3809128.2,  | 823.5,     | 1989.7, | 0.0);   |       |             |
| ( 386255.3, | 3809107.7, | 832.9,  | 1989.7, | 0.0); | ( 386266.7, |
| 3809087.3,  | 838.4,     | 1989.7, | 0.0);   |       |             |
| ( 386278.1, | 3809066.8, | 841.7,  | 1989.7, | 0.0); | ( 386289.5, |
| 3809046.3,  | 844.0,     | 1989.7, | 0.0);   |       |             |
| ( 386301.0, | 3809025.9, | 843.4,  | 1989.7, | 0.0); | ( 386312.4, |
| 3809005.4,  | 838.2,     | 1989.7, | 0.0);   |       |             |
| ( 386323.8, | 3808984.9, | 836.3,  | 1989.7, | 0.0); | ( 386335.2, |
| 3808964.5,  | 835.9,     | 1989.7, | 0.0);   |       |             |
| ( 386346.6, | 3808944.0, | 833.6,  | 1989.7, | 0.0); | ( 386358.1, |
| 3808923.5,  | 836.8,     | 1989.7, | 0.0);   |       |             |
| ( 386369.5, | 3808903.1, | 840.4,  | 1989.7, | 0.0); | ( 386380.9, |
| 3808882.6,  | 842.2,     | 1989.7, | 0.0);   |       |             |
| ( 386392.3, | 3808862.1, | 844.6,  | 1989.7, | 0.0); | ( 386403.8, |
| 3808841.7,  | 841.2,     | 1989.7, | 0.0);   |       |             |
| ( 386415.2, | 3808821.2, | 833.0,  | 1989.7, | 0.0); | ( 386426.6, |
| 3808800.7,  | 829.0,     | 1989.7, | 0.0);   |       |             |
| ( 386438.0, | 3808780.3, | 826.0,  | 1989.7, | 0.0); | ( 386449.5, |
| 3808759.8,  | 823.9,     | 1989.7, | 0.0);   |       |             |
| ( 386460.9, | 3808739.3, | 823.3,  | 1989.7, | 0.0); | ( 386472.3, |
| 3808718.9,  | 822.4,     | 1989.7, | 0.0);   |       |             |
| ( 386483.7, | 3808698.4, | 823.8,  | 1989.7, | 0.0); | ( 386495.2, |
| 3808677.9,  | 830.6,     | 1989.7, | 0.0);   |       |             |
| ( 386506.6, | 3808657.5, | 839.5,  | 1989.7, | 0.0); | ( 386518.0, |
| 3808637.0,  | 845.2,     | 1989.7, | 0.0);   |       |             |
| ( 386529.4, | 3808616.5, | 850.7,  | 1989.7, | 0.0); | ( 386540.9, |
| 3808596.1,  | 854.8,     | 1989.7, | 0.0);   |       |             |
| ( 386552.3, | 3808575.6, | 856.6,  | 1989.7, | 0.0); | ( 386563.7, |
| 3808555.1,  | 859.6,     | 1989.7, | 0.0);   |       |             |
| ( 386575.1, | 3808534.7, | 861.7,  | 1989.7, | 0.0); | ( 386586.6, |
| 3808514.2,  | 863.8,     | 1989.7, | 0.0);   |       |             |
| ( 386598.0, | 3808493.7, | 864.2,  | 1989.7, | 0.0); | ( 386609.4, |
| 3808473.3,  | 862.3,     | 1989.7, | 0.0);   |       |             |
| ( 386620.8, | 3808452.8, | 858.1,  | 1989.7, | 0.0); | ( 386632.2, |
| 3808432.3,  | 850.4,     | 1989.7, | 0.0);   |       |             |
| ( 386643.7, | 3808411.9, | 843.2,  | 1989.7, | 0.0); | ( 386655.1, |
| 3808391.4,  | 845.0,     | 1989.7, | 0.0);   |       |             |
| ( 386666.5, | 3808370.9, | 849.6,  | 1989.7, | 0.0); | ( 386678.0, |
| 3808350.5,  | 854.6,     | 1989.7, | 0.0);   |       |             |
| ( 386689.4, | 3808330.0, | 859.9,  | 1989.7, | 0.0); | ( 386700.8, |
| 3808309.5,  | 867.8,     | 1989.7, | 0.0);   |       |             |
| ( 386712.2, | 3808289.1, | 875.4,  | 1989.7, | 0.0); | ( 386723.6, |
| 3808268.6,  | 876.8,     | 1989.7, | 0.0);   |       |             |
| ( 386735.1, | 3808248.1, | 877.4,  | 1989.7, | 0.0); | ( 386746.5, |
| 3808227.7,  | 877.2,     | 1989.7, | 0.0);   |       |             |
| ( 386757.9, | 3808207.2, | 876.7,  | 1989.7, | 0.0); | ( 386769.3, |
| 3808186.8,  | 878.4,     | 1989.7, | 0.0);   |       |             |
| ( 386780.8, | 3808166.3, | 879.6,  | 1989.7, | 0.0); | ( 386792.2, |

```

3808145.8, 878.1, 1989.7, 0.0);
(386803.6, 3808125.3, 876.6, 1989.7, 0.0); (386815.0,
3808104.9, 878.3, 1989.7, 0.0);
(386826.5, 3808084.4, 874.7, 1989.7, 0.0); (386837.9,
3808063.9, 869.2, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 336

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(386849.3, 3808043.5, 868.8, 1989.7, 0.0); (386860.7,
3808023.0, 871.9, 1989.7, 0.0);
(386872.1, 3808002.5, 878.3, 1989.7, 0.0); (386883.6,
3807982.1, 886.8, 1989.7, 0.0);
(386895.0, 3807961.6, 893.3, 1989.7, 0.0); (386906.4,
3807941.1, 896.3, 1989.7, 0.0);
(386917.8, 3807920.7, 897.0, 1989.7, 0.0); (386929.3,
3807900.2, 900.8, 1989.7, 0.0);
(386940.7, 3807879.8, 903.8, 1989.7, 0.0); (386952.1,
3807859.3, 903.5, 1989.7, 0.0);
(386963.5, 3807838.8, 903.3, 1989.7, 0.0); (386975.0,
3807818.3, 902.5, 1989.7, 0.0);
(386986.4, 3807797.9, 903.9, 1989.7, 0.0); (386997.8,
3807777.4, 904.6, 1989.7, 0.0);
(387009.2, 3807756.9, 906.6, 1989.7, 0.0); (387020.7,
3807736.5, 905.4, 1989.7, 0.0);
(387032.1, 3807716.0, 909.7, 1989.7, 0.0); (387043.5,
3807695.5, 915.1, 1989.7, 0.0);
(387054.9, 3807675.1, 921.2, 1989.7, 0.0); (387066.4,
3807654.6, 925.5, 1989.7, 0.0);
(387077.8, 3807634.1, 926.9, 1989.7, 0.0); (387089.2,
3807613.7, 931.2, 1989.7, 0.0);
(387100.6, 3807593.2, 938.7, 1989.7, 0.0); (387112.1,
3807572.8, 943.3, 1989.7, 0.0);
(387123.5, 3807552.3, 941.6, 1989.7, 0.0); (387134.9,
3807531.8, 936.1, 1989.7, 0.0);
(387146.3, 3807511.3, 933.3, 1989.7, 0.0); (387157.8,
3807490.9, 933.5, 1989.7, 0.0);
(387169.2, 3807470.4, 938.1, 1989.7, 0.0); (387180.6,
3807449.9, 945.2, 1989.7, 0.0);
(387192.0, 3807429.5, 953.9, 1989.7, 0.0); (387203.5,
3807409.0, 959.0, 1989.7, 0.0);
(387214.9, 3807388.5, 960.8, 1989.7, 0.0); (387226.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3807368.1,  | 962.3,     | 1989.7, | 0.0);   |       |             |
| ( 387237.7, | 3807347.6, | 968.5,  | 1989.7, | 0.0); | ( 387249.1, |
| 3807327.1,  | 973.7,     | 1989.7, | 0.0);   |       |             |
| ( 387260.6, | 3807306.7, | 978.1,  | 1989.7, | 0.0); | ( 387272.0, |
| 3807286.2,  | 981.7,     | 1989.7, | 0.0);   |       |             |
| ( 387283.4, | 3807265.8, | 985.3,  | 1989.7, | 0.0); | ( 387294.8, |
| 3807245.3,  | 984.8,     | 1989.7, | 0.0);   |       |             |
| ( 387306.3, | 3807224.8, | 980.1,  | 1989.7, | 0.0); | ( 387317.7, |
| 3807204.3,  | 976.4,     | 1989.7, | 0.0);   |       |             |
| ( 387329.1, | 3807183.9, | 975.9,  | 1989.7, | 0.0); | ( 387340.5, |
| 3807163.4,  | 975.6,     | 1989.7, | 0.0);   |       |             |
| ( 387352.0, | 3807142.9, | 972.5,  | 1989.7, | 0.0); | ( 387363.4, |
| 3807122.5,  | 974.6,     | 1989.7, | 0.0);   |       |             |
| ( 387374.8, | 3807102.0, | 979.2,  | 1989.7, | 0.0); | ( 387386.2, |
| 3807081.5,  | 983.7,     | 1989.7, | 0.0);   |       |             |
| ( 387397.7, | 3807061.1, | 989.3,  | 1989.7, | 0.0); | ( 387409.1, |
| 3807040.6,  | 993.2,     | 1989.7, | 0.0);   |       |             |
| ( 387420.5, | 3807020.1, | 995.8,  | 1989.7, | 0.0); | ( 387431.9, |
| 3806999.7,  | 998.4,     | 1989.7, | 0.0);   |       |             |
| ( 387443.3, | 3806979.2, | 1000.7, | 1989.7, | 0.0); | ( 387454.8, |
| 3806958.8,  | 1005.6,    | 1989.7, | 0.0);   |       |             |
| ( 387466.2, | 3806938.3, | 1013.7, | 1989.7, | 0.0); | ( 387477.6, |
| 3806917.8,  | 1019.9,    | 1989.7, | 0.0);   |       |             |
| ( 387489.0, | 3806897.3, | 1022.5, | 1989.7, | 0.0); | ( 387500.5, |
| 3806876.9,  | 1026.3,    | 1989.7, | 0.0);   |       |             |
| ( 387511.9, | 3806856.4, | 1031.7, | 1989.7, | 0.0); | ( 387523.3, |
| 3806836.0,  | 1035.1,    | 1989.7, | 0.0);   |       |             |
| ( 387534.7, | 3806815.5, | 1039.5, | 1989.7, | 0.0); | ( 387546.2, |
| 3806795.0,  | 1045.1,    | 1989.7, | 0.0);   |       |             |
| ( 387557.6, | 3806774.6, | 1049.9, | 1989.7, | 0.0); | ( 387569.0, |
| 3806754.1,  | 1053.2,    | 1989.7, | 0.0);   |       |             |
| ( 387580.4, | 3806733.6, | 1056.0, | 1989.7, | 0.0); | ( 387591.9, |
| 3806713.2,  | 1058.4,    | 1989.7, | 0.0);   |       |             |
| ( 387603.3, | 3806692.7, | 1066.9, | 1989.7, | 0.0); | ( 387614.7, |
| 3806672.2,  | 1076.1,    | 1989.7, | 0.0);   |       |             |
| ( 387626.1, | 3806651.8, | 1086.3, | 1989.7, | 0.0); | ( 387637.6, |
| 3806631.3,  | 1095.7,    | 1989.7, | 0.0);   |       |             |
| ( 387649.0, | 3806610.8, | 1099.5, | 1989.7, | 0.0); | ( 387660.4, |
| 3806590.4,  | 1102.9,    | 1989.7, | 0.0);   |       |             |
| ( 387671.8, | 3806569.9, | 1107.5, | 1989.7, | 0.0); | ( 387683.2, |
| 3806549.4,  | 1111.3,    | 1989.7, | 0.0);   |       |             |
| ( 387694.7, | 3806529.0, | 1110.5, | 1989.7, | 0.0); | ( 387706.1, |
| 3806508.5,  | 1108.2,    | 1989.7, | 0.0);   |       |             |
| ( 387717.5, | 3806488.0, | 1110.4, | 1989.7, | 0.0); | ( 387729.0, |
| 3806467.6,  | 1118.5,    | 1989.7, | 0.0);   |       |             |
| ( 387740.4, | 3806447.1, | 1126.3, | 1989.7, | 0.0); | ( 387751.8, |
| 3806426.6,  | 1131.4,    | 1989.7, | 0.0);   |       |             |
| ( 387763.2, | 3806406.2, | 1134.6, | 1989.7, | 0.0); | ( 387774.6, |
| 3806385.7,  | 1139.8,    | 1989.7, | 0.0);   |       |             |
| ( 387786.1, | 3806365.2, | 1144.8, | 1989.7, | 0.0); | ( 387797.5, |

```

3806344.8, 1158.5, 1989.7, 0.0);
(387808.9, 3806324.3, 1173.3, 1989.7, 0.0); (387820.3,
3806303.8, 1188.2, 1989.7, 0.0);
(387831.8, 3806283.4, 1197.6, 1989.7, 0.0); (387843.2,
3806262.9, 1207.9, 1989.7, 0.0);
(387854.6, 3806242.4, 1217.9, 1989.7, 0.0); (387866.0,
3806222.0, 1231.7, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 337

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(387900.8, 3806198.9, 1257.1, 1989.7, 0.0); (387924.0,
3806196.3, 1263.1, 1989.7, 0.0);
(387947.3, 3806193.7, 1263.6, 1989.7, 0.0); (387970.6,
3806191.2, 1261.6, 1989.7, 0.0);
(387993.9, 3806188.6, 1259.8, 1989.7, 0.0); (388017.2,
3806186.0, 1257.6, 1989.7, 0.0);
(388040.5, 3806183.4, 1253.7, 1989.7, 0.0); (388063.8,
3806180.8, 1248.7, 1989.7, 0.0);
(388087.1, 3806178.2, 1251.4, 1989.7, 0.0); (388110.4,
3806175.7, 1263.6, 1989.7, 0.0);
(388133.7, 3806173.1, 1280.6, 1989.7, 0.0); (388157.0,
3806170.5, 1298.3, 1989.7, 0.0);
(388180.3, 3806167.9, 1315.5, 1989.7, 0.0); (388203.6,
3806165.3, 1331.9, 1989.7, 0.0);
(388226.9, 3806162.7, 1346.9, 1989.7, 0.0); (388250.2,
3806160.2, 1358.2, 1989.7, 0.0);
(388273.5, 3806157.6, 1359.6, 1989.7, 0.0); (388296.8,
3806155.0, 1350.8, 1989.7, 0.0);
(388320.1, 3806152.4, 1340.3, 1989.7, 0.0); (388343.4,
3806149.8, 1330.3, 1989.7, 0.0);
(388366.7, 3806147.2, 1322.6, 1989.7, 0.0); (388390.0,
3806144.7, 1319.0, 1989.7, 0.0);
(388413.3, 3806142.1, 1322.3, 1989.7, 0.0); (388436.6,
3806139.5, 1332.1, 1989.7, 0.0);
(388459.9, 3806136.9, 1345.3, 1989.7, 0.0); (388483.2,
3806134.3, 1358.9, 1989.7, 0.0);
(388506.5, 3806131.8, 1369.8, 1989.7, 0.0); (388529.8,
3806129.2, 1370.3, 1989.7, 0.0);
(388553.0, 3806126.6, 1358.3, 1989.7, 0.0); (388576.3,
3806124.0, 1344.0, 1989.7, 0.0);
(388599.6, 3806121.4, 1333.8, 1989.7, 0.0); (388622.9,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3806118.8,  | 1339.2,    | 1989.7, | 0.0);   |       |             |
| ( 388646.2, | 3806116.2, | 1349.4, | 1989.7, | 0.0); | ( 388669.5, |
| 3806113.7,  | 1354.7,    | 1989.7, | 0.0);   |       |             |
| ( 388692.8, | 3806111.1, | 1354.2, | 1989.7, | 0.0); | ( 388716.1, |
| 3806108.5,  | 1351.3,    | 1989.7, | 0.0);   |       |             |
| ( 388739.4, | 3806105.9, | 1348.4, | 1989.7, | 0.0); | ( 388762.7, |
| 3806103.3,  | 1346.3,    | 1989.7, | 0.0);   |       |             |
| ( 388786.0, | 3806100.8, | 1346.5, | 1989.7, | 0.0); | ( 388809.3, |
| 3806098.2,  | 1351.7,    | 1989.7, | 0.0);   |       |             |
| ( 388832.6, | 3806095.6, | 1365.3, | 1989.7, | 0.0); | ( 388855.9, |
| 3806093.0,  | 1384.0,    | 1989.7, | 0.0);   |       |             |
| ( 388879.2, | 3806090.4, | 1402.0, | 1989.7, | 0.0); | ( 388902.5, |
| 3806087.8,  | 1419.2,    | 1989.7, | 0.0);   |       |             |
| ( 388925.8, | 3806085.2, | 1434.8, | 1989.7, | 0.0); | ( 388949.1, |
| 3806082.7,  | 1449.0,    | 1989.7, | 0.0);   |       |             |
| ( 388972.4, | 3806080.1, | 1462.8, | 1989.7, | 0.0); | ( 388995.7, |
| 3806077.5,  | 1477.8,    | 1989.7, | 0.0);   |       |             |
| ( 389019.0, | 3806074.9, | 1494.6, | 1989.7, | 0.0); | ( 389042.3, |
| 3806072.3,  | 1511.6,    | 1989.7, | 0.0);   |       |             |
| ( 389065.6, | 3806069.8, | 1522.9, | 1989.7, | 0.0); | ( 389088.9, |
| 3806067.2,  | 1517.8,    | 1989.7, | 0.0);   |       |             |
| ( 389112.2, | 3806064.6, | 1506.0, | 1989.7, | 0.0); | ( 389135.5, |
| 3806062.0,  | 1501.6,    | 1989.7, | 0.0);   |       |             |
| ( 389158.8, | 3806059.4, | 1511.5, | 1989.7, | 0.0); | ( 389182.0, |
| 3806056.8,  | 1524.7,    | 1989.7, | 0.0);   |       |             |
| ( 389205.3, | 3806054.2, | 1536.5, | 1989.7, | 0.0); | ( 389228.6, |
| 3806051.7,  | 1545.1,    | 1989.7, | 0.0);   |       |             |
| ( 389251.9, | 3806049.1, | 1549.5, | 1989.7, | 0.0); | ( 389275.2, |
| 3806046.5,  | 1548.2,    | 1989.7, | 0.0);   |       |             |
| ( 389298.5, | 3806043.9, | 1539.9, | 1989.7, | 0.0); | ( 389321.8, |
| 3806041.3,  | 1526.3,    | 1989.7, | 0.0);   |       |             |
| ( 389345.1, | 3806038.8, | 1514.9, | 1989.7, | 0.0); | ( 389368.4, |
| 3806036.2,  | 1516.8,    | 1989.7, | 0.0);   |       |             |
| ( 389391.7, | 3806033.6, | 1526.6, | 1989.7, | 0.0); | ( 389415.0, |
| 3806031.0,  | 1530.7,    | 1989.7, | 0.0);   |       |             |
| ( 389438.3, | 3806028.4, | 1528.4, | 1989.7, | 0.0); | ( 389461.6, |
| 3806025.8,  | 1524.6,    | 1989.7, | 0.0);   |       |             |
| ( 389484.9, | 3806023.2, | 1519.6, | 1989.7, | 0.0); | ( 389508.2, |
| 3806020.7,  | 1510.6,    | 1989.7, | 0.0);   |       |             |
| ( 389531.5, | 3806018.1, | 1497.9, | 1989.7, | 0.0); | ( 389554.8, |
| 3806015.5,  | 1483.9,    | 1989.7, | 0.0);   |       |             |
| ( 389578.1, | 3806012.9, | 1469.8, | 1989.7, | 0.0); | ( 389601.4, |
| 3806010.3,  | 1456.2,    | 1989.7, | 0.0);   |       |             |
| ( 389624.7, | 3806007.8, | 1442.5, | 1989.7, | 0.0); | ( 389648.0, |
| 3806005.2,  | 1428.9,    | 1989.7, | 0.0);   |       |             |
| ( 389671.3, | 3806002.6, | 1414.0, | 1989.7, | 0.0); | ( 389694.6, |
| 3806000.0,  | 1405.8,    | 1989.7, | 0.0);   |       |             |
| ( 389717.9, | 3805997.4, | 1406.5, | 1989.7, | 0.0); | ( 389741.1, |
| 3805994.8,  | 1411.9,    | 1989.7, | 0.0);   |       |             |
| ( 389764.5, | 3805992.2, | 1419.2, | 1989.7, | 0.0); | ( 389787.8, |

```

3805989.7, 1427.1, 1989.7, 0.0);
(389811.0, 3805987.1, 1434.9, 1989.7, 0.0); (389834.3,
3805984.5, 1443.1, 1989.7, 0.0);
(389857.6, 3805981.9, 1451.9, 1989.7, 0.0); (389880.9,
3805979.3, 1459.6, 1989.7, 0.0);
(389904.2, 3805976.8, 1460.8, 1989.7, 0.0); (389927.5,
3805974.2, 1453.7, 1989.7, 0.0);
(389950.8, 3805971.6, 1447.0, 1989.7, 0.0); (389974.1,
3805969.0, 1442.5, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 338

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(389997.4, 3805966.4, 1437.9, 1989.7, 0.0); (390020.7,
3805963.8, 1432.1, 1989.7, 0.0);
(390044.0, 3805961.3, 1425.1, 1989.7, 0.0); (390067.3,
3805958.7, 1419.1, 1989.7, 0.0);
(390090.6, 3805956.1, 1415.2, 1989.7, 0.0); (390113.9,
3805953.5, 1412.1, 1989.7, 0.0);
(390137.2, 3805950.9, 1411.0, 1989.7, 0.0); (390160.5,
3805948.3, 1411.0, 1989.7, 0.0);
(390183.8, 3805945.8, 1412.0, 1989.7, 0.0); (390207.1,
3805943.2, 1415.8, 1989.7, 0.0);
(390230.4, 3805940.6, 1420.9, 1989.7, 0.0); (390253.7,
3805938.0, 1425.9, 1989.7, 0.0);
(390277.0, 3805935.4, 1431.6, 1989.7, 0.0); (390300.3,
3805932.8, 1437.8, 1989.7, 0.0);
(390323.6, 3805930.3, 1445.0, 1989.7, 0.0); (390346.8,
3805927.7, 1453.3, 1989.7, 0.0);
(390370.1, 3805925.1, 1462.4, 1989.7, 0.0); (390393.5,
3805922.5, 1472.0, 1989.7, 0.0);
(390416.7, 3805919.9, 1482.4, 1989.7, 0.0); (390440.0,
3805917.3, 1492.9, 1989.7, 0.0);
(390463.3, 3805914.8, 1503.3, 1989.7, 0.0); (390486.6,
3805912.2, 1516.3, 1989.7, 0.0);
(390509.9, 3805909.6, 1531.0, 1989.7, 0.0); (390533.2,
3805907.0, 1545.6, 1989.7, 0.0);
(390556.5, 3805904.4, 1559.8, 1989.7, 0.0); (390579.8,
3805901.8, 1573.8, 1989.7, 0.0);
(390603.1, 3805899.3, 1588.0, 1989.7, 0.0); (390626.4,
3805896.7, 1602.1, 1989.7, 0.0);
(390649.7, 3805894.1, 1615.0, 1989.7, 0.0); (390673.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805891.5,  | 1625.6,    | 1989.7, | 0.0);   |       |             |
| ( 390696.3, | 3805888.9, | 1636.2, | 1989.7, | 0.0); | ( 390719.6, |
| 3805886.3,  | 1647.5,    | 1989.7, | 0.0);   |       |             |
| ( 390742.9, | 3805883.8, | 1658.7, | 1989.7, | 0.0); | ( 390766.2, |
| 3805881.2,  | 1670.3,    | 1989.7, | 0.0);   |       |             |
| ( 390789.5, | 3805878.6, | 1683.3, | 1989.7, | 0.0); | ( 390812.8, |
| 3805876.0,  | 1696.8,    | 1989.7, | 0.0);   |       |             |
| ( 390836.1, | 3805873.4, | 1708.8, | 1989.7, | 0.0); | ( 390859.4, |
| 3805870.8,  | 1718.4,    | 1989.7, | 0.0);   |       |             |
| ( 390882.7, | 3805868.3, | 1726.4, | 1989.7, | 0.0); | ( 390906.0, |
| 3805865.7,  | 1736.3,    | 1989.7, | 0.0);   |       |             |
| ( 390929.3, | 3805863.1, | 1750.6, | 1989.7, | 0.0); | ( 390952.6, |
| 3805860.5,  | 1767.3,    | 1989.7, | 0.0);   |       |             |
| ( 390975.8, | 3805857.9, | 1784.0, | 1989.7, | 0.0); | ( 390999.1, |
| 3805855.3,  | 1800.8,    | 1989.7, | 0.0);   |       |             |
| ( 391022.4, | 3805852.8, | 1818.9, | 1989.7, | 0.0); | ( 391045.7, |
| 3805850.2,  | 1837.6,    | 1989.7, | 0.0);   |       |             |
| ( 391069.0, | 3805847.6, | 1855.6, | 1980.1, | 0.0); | ( 391092.3, |
| 3805845.0,  | 1872.7,    | 1980.1, | 0.0);   |       |             |
| ( 391115.6, | 3805842.4, | 1885.0, | 1955.9, | 0.0); | ( 391138.9, |
| 3805839.8,  | 1887.5,    | 1953.2, | 0.0);   |       |             |
| ( 391162.2, | 3805837.3, | 1880.5, | 1956.1, | 0.0); | ( 391185.5, |
| 3805834.7,  | 1870.2,    | 1980.1, | 0.0);   |       |             |
| ( 391208.8, | 3805832.1, | 1859.3, | 1980.1, | 0.0); | ( 391232.1, |
| 3805829.5,  | 1849.0,    | 1989.7, | 0.0);   |       |             |
| ( 391255.4, | 3805826.9, | 1838.8, | 1989.7, | 0.0); | ( 391278.7, |
| 3805824.3,  | 1829.4,    | 1989.7, | 0.0);   |       |             |
| ( 391302.0, | 3805821.8, | 1822.9, | 1989.7, | 0.0); | ( 391325.3, |
| 3805819.2,  | 1816.5,    | 1989.7, | 0.0);   |       |             |
| ( 391348.6, | 3805816.6, | 1809.9, | 1989.7, | 0.0); | ( 391371.9, |
| 3805814.0,  | 1804.9,    | 1989.7, | 0.0);   |       |             |
| ( 391395.2, | 3805811.4, | 1802.4, | 1989.7, | 0.0); | ( 391418.5, |
| 3805808.8,  | 1800.3,    | 1989.7, | 0.0);   |       |             |
| ( 391441.8, | 3805806.3, | 1796.0, | 1989.7, | 0.0); | ( 391465.1, |
| 3805803.7,  | 1790.3,    | 1989.7, | 0.0);   |       |             |
| ( 391488.4, | 3805801.1, | 1785.3, | 1989.7, | 0.0); | ( 391511.7, |
| 3805798.5,  | 1780.2,    | 1989.7, | 0.0);   |       |             |
| ( 391535.0, | 3805795.9, | 1775.7, | 1989.7, | 0.0); | ( 391558.3, |
| 3805793.3,  | 1770.7,    | 1989.7, | 0.0);   |       |             |
| ( 391581.5, | 3805790.8, | 1765.3, | 1989.7, | 0.0); | ( 391604.8, |
| 3805788.2,  | 1761.6,    | 1989.7, | 0.0);   |       |             |
| ( 391628.1, | 3805785.6, | 1758.9, | 1989.7, | 0.0); | ( 391651.4, |
| 3805783.0,  | 1755.5,    | 1989.7, | 0.0);   |       |             |
| ( 391674.7, | 3805780.4, | 1750.5, | 1989.7, | 0.0); | ( 391698.0, |
| 3805777.8,  | 1743.8,    | 1989.7, | 0.0);   |       |             |
| ( 391721.3, | 3805775.3, | 1735.7, | 1989.7, | 0.0); | ( 391744.6, |
| 3805772.7,  | 1728.9,    | 1989.7, | 0.0);   |       |             |
| ( 391767.9, | 3805770.1, | 1725.4, | 1989.7, | 0.0); | ( 391791.2, |
| 3805767.5,  | 1725.5,    | 1989.7, | 0.0);   |       |             |
| ( 391814.5, | 3805764.9, | 1725.1, | 1989.7, | 0.0); | ( 391837.8, |

```

3805762.3, 1718.3, 1989.7, 0.0);
(391861.1, 3805759.8, 1707.8, 1989.7, 0.0); (391884.4,
3805757.2, 1698.3, 1989.7, 0.0);
(391907.7, 3805754.6, 1693.7, 1989.7, 0.0); (391931.0,
3805752.0, 1691.5, 1989.7, 0.0);
(391954.3, 3805749.4, 1688.3, 1989.7, 0.0); (391977.6,
3805746.8, 1684.6, 1989.7, 0.0);
(392000.9, 3805744.3, 1682.0, 1989.7, 0.0); (392024.2,
3805741.7, 1677.4, 1989.7, 0.0);
(392047.5, 3805739.1, 1670.7, 1989.7, 0.0); (392070.8,
3805736.5, 1664.8, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 339

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392094.1, 3805733.9, 1657.0, 1989.7, 0.0); (392117.4,
3805731.3, 1646.8, 1989.7, 0.0);
(392140.7, 3805728.8, 1639.6, 1989.7, 0.0); (392164.0,
3805726.2, 1636.9, 1989.7, 0.0);
(392187.2, 3805723.6, 1639.2, 1989.7, 0.0); (392210.5,
3805721.0, 1644.8, 1989.7, 0.0);
(392233.8, 3805718.4, 1647.4, 1989.7, 0.0); (392257.1,
3805715.8, 1642.6, 1989.7, 0.0);
(392280.4, 3805713.3, 1632.0, 1989.7, 0.0); (392303.7,
3805710.7, 1622.2, 1989.7, 0.0);
(392327.0, 3805708.1, 1615.6, 1989.7, 0.0); (392746.4,
3805661.6, 1521.4, 1989.7, 0.0);
(392769.7, 3805659.0, 1527.6, 1989.7, 0.0); (392793.0,
3805656.4, 1528.7, 1989.7, 0.0);
(392816.2, 3805653.8, 1521.6, 1989.7, 0.0); (392839.5,
3805651.3, 1514.0, 1989.7, 0.0);
(392862.8, 3805648.7, 1517.1, 1989.7, 0.0); (392886.1,
3805646.1, 1520.7, 1989.7, 0.0);
(392909.4, 3805643.5, 1524.8, 1989.7, 0.0); (392932.7,
3805640.9, 1526.9, 1989.7, 0.0);
(392956.0, 3805638.4, 1523.9, 1989.7, 0.0); (392979.3,
3805635.8, 1519.4, 1989.7, 0.0);
(393002.6, 3805633.2, 1519.0, 1989.7, 0.0); (393025.9,
3805630.6, 1519.2, 1989.7, 0.0);
(393049.2, 3805628.0, 1513.5, 1989.7, 0.0); (393072.5,
3805625.4, 1507.7, 1989.7, 0.0);
(393095.8, 3805622.9, 1511.4, 1989.7, 0.0); (393119.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805620.3,  | 1514.2,    | 1989.7, | 0.0);   |       |             |
| ( 393142.4, | 3805617.7, | 1510.9, | 1989.7, | 0.0); | ( 393165.7, |
| 3805615.1,  | 1504.0,    | 1989.7, | 0.0);   |       |             |
| ( 393189.0, | 3805612.5, | 1495.3, | 1989.7, | 0.0); | ( 393212.3, |
| 3805609.9,  | 1484.8,    | 1989.7, | 0.0);   |       |             |
| ( 393235.6, | 3805607.4, | 1473.0, | 1989.7, | 0.0); | ( 393258.9, |
| 3805604.8,  | 1461.6,    | 1989.7, | 0.0);   |       |             |
| ( 393282.2, | 3805602.2, | 1459.2, | 1989.7, | 0.0); | ( 393305.5, |
| 3805599.6,  | 1467.1,    | 1989.7, | 0.0);   |       |             |
| ( 393328.8, | 3805597.0, | 1471.9, | 1989.7, | 0.0); | ( 393352.1, |
| 3805594.4,  | 1468.5,    | 1989.7, | 0.0);   |       |             |
| ( 393375.4, | 3805591.9, | 1464.9, | 1989.7, | 0.0); | ( 393398.6, |
| 3805589.3,  | 1477.3,    | 1989.7, | 0.0);   |       |             |
| ( 393422.0, | 3805586.7, | 1495.3, | 1989.7, | 0.0); | ( 393445.2, |
| 3805584.1,  | 1513.7,    | 1989.7, | 0.0);   |       |             |
| ( 393468.5, | 3805581.5, | 1530.8, | 1989.7, | 0.0); | ( 393491.8, |
| 3805578.9,  | 1544.5,    | 1989.7, | 0.0);   |       |             |
| ( 393515.1, | 3805576.4, | 1554.3, | 1989.7, | 0.0); | ( 393538.4, |
| 3805573.8,  | 1563.5,    | 1989.7, | 0.0);   |       |             |
| ( 393561.7, | 3805571.2, | 1574.4, | 1989.7, | 0.0); | ( 393585.0, |
| 3805568.6,  | 1586.6,    | 1989.7, | 0.0);   |       |             |
| ( 393608.3, | 3805566.0, | 1598.5, | 1989.7, | 0.0); | ( 393631.6, |
| 3805563.4,  | 1609.5,    | 1989.7, | 0.0);   |       |             |
| ( 393654.9, | 3805560.9, | 1618.8, | 1989.7, | 0.0); | ( 393678.2, |
| 3805558.3,  | 1628.5,    | 1989.7, | 0.0);   |       |             |
| ( 393701.5, | 3805555.7, | 1638.9, | 1989.7, | 0.0); | ( 393724.8, |
| 3805553.1,  | 1645.6,    | 1989.7, | 0.0);   |       |             |
| ( 393748.1, | 3805550.5, | 1648.7, | 1989.7, | 0.0); | ( 393771.4, |
| 3805547.9,  | 1651.6,    | 1989.7, | 0.0);   |       |             |
| ( 393794.7, | 3805545.4, | 1657.2, | 1989.7, | 0.0); | ( 393818.0, |
| 3805542.8,  | 1666.3,    | 1989.7, | 0.0);   |       |             |
| ( 393841.3, | 3805540.2, | 1677.6, | 1989.7, | 0.0); | ( 393864.6, |
| 3805537.6,  | 1689.0,    | 1989.7, | 0.0);   |       |             |
| ( 393887.9, | 3805535.0, | 1697.3, | 1989.7, | 0.0); | ( 393911.2, |
| 3805532.4,  | 1697.7,    | 1989.7, | 0.0);   |       |             |
| ( 393934.5, | 3805529.9, | 1693.3, | 1989.7, | 0.0); | ( 393957.8, |
| 3805527.3,  | 1688.1,    | 1989.7, | 0.0);   |       |             |
| ( 393981.1, | 3805524.7, | 1684.5, | 1989.7, | 0.0); | ( 394004.3, |
| 3805522.1,  | 1682.3,    | 1989.7, | 0.0);   |       |             |
| ( 394027.6, | 3805519.5, | 1680.0, | 1989.7, | 0.0); | ( 394051.0, |
| 3805516.9,  | 1675.9,    | 1989.7, | 0.0);   |       |             |
| ( 394074.2, | 3805514.4, | 1669.6, | 1989.7, | 0.0); | ( 394097.5, |
| 3805511.8,  | 1661.2,    | 1989.7, | 0.0);   |       |             |
| ( 394120.8, | 3805509.2, | 1651.7, | 1989.7, | 0.0); | ( 394144.1, |
| 3805506.6,  | 1642.3,    | 1989.7, | 0.0);   |       |             |
| ( 394167.4, | 3805504.0, | 1633.8, | 1989.7, | 0.0); | ( 394190.7, |
| 3805501.4,  | 1625.8,    | 1989.7, | 0.0);   |       |             |
| ( 394214.0, | 3805498.9, | 1616.0, | 1989.7, | 0.0); | ( 394237.3, |
| 3805496.3,  | 1606.6,    | 1989.7, | 0.0);   |       |             |
| ( 394260.6, | 3805493.7, | 1598.0, | 1989.7, | 0.0); | ( 394283.9, |

```

3805491.1, 1589.6, 1989.7, 0.0);
(394307.2, 3805488.5, 1579.0, 1989.7, 0.0); (394330.5,
3805485.9, 1571.1, 1989.7, 0.0);
(394353.8, 3805483.4, 1571.9, 1989.7, 0.0); (394377.1,
3805480.8, 1580.6, 1989.7, 0.0);
(394400.4, 3805478.2, 1588.5, 1989.7, 0.0); (394423.7,
3805475.6, 1587.8, 1989.7, 0.0);
(394447.0, 3805473.0, 1582.3, 1989.7, 0.0); (394470.3,
3805470.4, 1580.4, 1989.7, 0.0);
(394493.6, 3805467.9, 1575.8, 1989.7, 0.0); (394516.9,
3805465.3, 1569.5, 1989.7, 0.0);
(394540.2, 3805462.7, 1562.1, 1989.7, 0.0); (394563.5,
3805460.1, 1551.5, 1989.7, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 340

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394586.8, 3805457.5, 1539.4, 1989.7, 0.0); (394610.1,
3805454.9, 1529.1, 1989.7, 0.0);
(394633.3, 3805452.4, 1522.0, 1989.7, 0.0); (394656.6,
3805449.8, 1519.9, 1989.7, 0.0);
(394679.9, 3805447.2, 1524.6, 1989.7, 0.0); (394703.2,
3805444.6, 1532.0, 1989.7, 0.0);
(394726.5, 3805442.0, 1541.6, 1989.7, 0.0); (394749.8,
3805439.4, 1555.5, 1989.7, 0.0);
(394773.1, 3805436.9, 1571.1, 1989.7, 0.0); (394796.4,
3805434.3, 1586.8, 1989.7, 0.0);
(394819.7, 3805431.7, 1602.3, 1989.7, 0.0); (394843.0,
3805429.1, 1617.4, 1989.7, 0.0);
(394866.3, 3805426.5, 1632.9, 1989.7, 0.0); (394889.6,
3805423.9, 1648.0, 1989.7, 0.0);
(394912.9, 3805421.4, 1661.3, 1984.1, 0.0); (394936.2,
3805418.8, 1672.5, 1830.9, 0.0);
(394959.5, 3805416.2, 1680.5, 1830.9, 0.0); (394982.8,
3805413.6, 1684.4, 1830.9, 0.0);
(395006.1, 3805411.0, 1685.4, 1830.9, 0.0); (395029.4,
3805408.4, 1684.7, 1830.9, 0.0);
(395052.7, 3805405.9, 1681.9, 1830.9, 0.0); (395076.0,
3805403.3, 1681.0, 1830.9, 0.0);
(395099.3, 3805400.7, 1685.5, 1830.9, 0.0); (395122.6,
3805398.1, 1691.6, 1830.9, 0.0);
(395145.9, 3805395.5, 1697.5, 1830.9, 0.0); (395169.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805392.9,  | 1702.7,    | 1830.9, | 0.0);   |       |             |
| ( 395192.5, | 3805390.4, | 1707.2, | 1830.9, | 0.0); | ( 395215.8, |
| 3805387.8,  | 1712.8,    | 1830.9, | 0.0);   |       |             |
| ( 395239.0, | 3805385.2, | 1720.7, | 1830.9, | 0.0); | ( 395262.3, |
| 3805382.6,  | 1729.7,    | 1829.9, | 0.0);   |       |             |
| ( 395285.6, | 3805380.0, | 1737.1, | 1819.0, | 0.0); | ( 395308.9, |
| 3805377.4,  | 1740.5,    | 1805.6, | 0.0);   |       |             |
| ( 395332.2, | 3805374.9, | 1740.8, | 1821.0, | 0.0); | ( 395355.5, |
| 3805372.3,  | 1740.0,    | 1821.0, | 0.0);   |       |             |
| ( 395378.8, | 3805369.7, | 1740.2, | 1829.9, | 0.0); | ( 395402.1, |
| 3805367.1,  | 1742.1,    | 1830.9, | 0.0);   |       |             |
| ( 395425.4, | 3805364.5, | 1745.2, | 1829.9, | 0.0); | ( 395448.7, |
| 3805361.9,  | 1748.8,    | 1821.0, | 0.0);   |       |             |
| ( 395472.0, | 3805359.4, | 1753.3, | 1821.0, | 0.0); | ( 395495.3, |
| 3805356.8,  | 1759.9,    | 1788.5, | 0.0);   |       |             |
| ( 395518.6, | 3805354.2, | 1767.2, | 1781.6, | 0.0); | ( 395541.9, |
| 3805351.6,  | 1775.4,    | 1781.6, | 0.0);   |       |             |
| ( 395565.2, | 3805349.0, | 1778.6, | 1779.2, | 0.0); | ( 395588.5, |
| 3805346.4,  | 1777.0,    | 1781.6, | 0.0);   |       |             |
| ( 395611.8, | 3805343.9, | 1775.1, | 1781.6, | 0.0); | ( 395635.1, |
| 3805341.3,  | 1772.5,    | 1788.5, | 0.0);   |       |             |
| ( 395658.4, | 3805338.7, | 1770.6, | 1821.0, | 0.0); | ( 395681.7, |
| 3805336.1,  | 1773.1,    | 1821.0, | 0.0);   |       |             |
| ( 395705.0, | 3805333.5, | 1779.2, | 1788.5, | 0.0); | ( 395728.3, |
| 3805330.9,  | 1783.6,    | 1788.3, | 0.0);   |       |             |
| ( 395751.6, | 3805328.4, | 1783.7, | 1819.0, | 0.0); | ( 395774.9, |
| 3805325.8,  | 1781.7,    | 1821.0, | 0.0);   |       |             |
| ( 395798.2, | 3805323.2, | 1780.1, | 1830.9, | 0.0); | ( 395821.5, |
| 3805320.6,  | 1780.2,    | 1830.9, | 0.0);   |       |             |
| ( 395844.8, | 3805318.0, | 1786.0, | 1830.9, | 0.0); | ( 395868.0, |
| 3805315.5,  | 1792.4,    | 1821.0, | 0.0);   |       |             |
| ( 395891.3, | 3805312.9, | 1795.2, | 1821.0, | 0.0); | ( 395914.6, |
| 3805310.3,  | 1793.9,    | 1830.9, | 0.0);   |       |             |
| ( 395937.9, | 3805307.7, | 1791.5, | 1830.9, | 0.0); | ( 395961.2, |
| 3805305.1,  | 1791.5,    | 1830.9, | 0.0);   |       |             |
| ( 395984.5, | 3805302.5, | 1795.0, | 1830.9, | 0.0); | ( 396007.8, |
| 3805300.0,  | 1800.3,    | 1830.9, | 0.0);   |       |             |
| ( 396031.1, | 3805297.4, | 1805.7, | 1830.9, | 0.0); | ( 396054.4, |
| 3805294.8,  | 1809.8,    | 1821.0, | 0.0);   |       |             |
| ( 396077.7, | 3805292.2, | 1810.6, | 1829.9, | 0.0); | ( 396101.0, |
| 3805289.6,  | 1810.1,    | 1830.9, | 0.0);   |       |             |
| ( 396124.3, | 3805287.0, | 1810.1, | 1830.9, | 0.0); | ( 396147.6, |
| 3805284.5,  | 1810.4,    | 1830.9, | 0.0);   |       |             |
| ( 396170.9, | 3805281.9, | 1813.6, | 1830.9, | 0.0); | ( 396194.2, |
| 3805279.3,  | 1818.5,    | 1830.9, | 0.0);   |       |             |
| ( 396217.5, | 3805276.7, | 1822.8, | 1830.9, | 0.0); | ( 396240.8, |
| 3805274.1,  | 1826.0,    | 1830.9, | 0.0);   |       |             |
| ( 396264.1, | 3805271.5, | 1827.5, | 1830.9, | 0.0); | ( 396287.4, |
| 3805269.0,  | 1825.8,    | 1830.9, | 0.0);   |       |             |
| ( 396310.7, | 3805266.4, | 1821.1, | 1830.9, | 0.0); | ( 396334.0, |

```

3805263.8, 1816.6, 1830.9, 0.0);
(396357.3, 3805261.2, 1813.2, 1830.9, 0.0); (396380.6,
3805258.6, 1812.4, 1830.9, 0.0);
(396403.9, 3805256.0, 1815.6, 1830.9, 0.0); (396427.2,
3805253.5, 1818.1, 1818.1, 0.0);
(396450.5, 3805250.9, 1818.3, 1818.3, 0.0); (396473.8,
3805248.3, 1815.8, 1818.0, 0.0);
(396497.0, 3805245.7, 1812.7, 1820.3, 0.0); (396520.3,
3805243.1, 1810.5, 1820.3, 0.0);
(396543.6, 3805240.5, 1810.1, 1810.1, 0.0); (396566.9,
3805238.0, 1811.0, 1811.0, 0.0);
(396590.2, 3805235.4, 1810.3, 1810.3, 0.0); (396613.5,
3805232.8, 1808.7, 1811.9, 0.0);
(396636.8, 3805230.2, 1806.6, 1811.9, 0.0); (396660.1,
3805227.6, 1803.6, 1811.9, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 341

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(396683.4, 3805225.0, 1800.3, 1811.9, 0.0); (396706.7,
3805222.5, 1798.4, 1813.1, 0.0);
(396730.0, 3805219.9, 1798.8, 1813.1, 0.0); (396753.3,
3805217.3, 1801.3, 1813.1, 0.0);
(396776.6, 3805214.7, 1804.8, 1813.1, 0.0); (396799.9,
3805212.1, 1809.0, 1812.5, 0.0);
(396823.2, 3805209.5, 1812.4, 1812.4, 0.0); (396846.5,
3805207.0, 1812.6, 1812.6, 0.0);
(396869.8, 3805204.4, 1809.4, 1813.1, 0.0); (396893.1,
3805201.8, 1803.5, 1813.1, 0.0);
(396916.4, 3805199.2, 1794.8, 1813.1, 0.0); (396939.7,
3805196.6, 1785.1, 1813.1, 0.0);
(396963.0, 3805194.0, 1775.3, 1813.1, 0.0); (396986.3,
3805191.5, 1764.8, 1818.6, 0.0);
(397009.6, 3805188.9, 1753.6, 1830.9, 0.0); (397032.9,
3805186.3, 1742.9, 1830.9, 0.0);
(397056.1, 3805183.7, 1735.0, 1830.9, 0.0); (397079.5,
3805181.1, 1729.5, 1830.9, 0.0);
(397102.8, 3805178.5, 1722.8, 1830.9, 0.0); (397126.0,
3805176.0, 1712.5, 1830.9, 0.0);
(397149.3, 3805173.4, 1699.6, 1830.9, 0.0); (397172.6,
3805170.8, 1686.6, 1830.9, 0.0);
(397195.9, 3805168.2, 1674.2, 1830.9, 0.0); (397219.2,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3805165.6,  | 1661.9,    | 1830.9, | 0.0);   |       |             |
| ( 397242.5, | 3805163.0, | 1648.2, | 1830.9, | 0.0); | ( 397265.8, |
| 3805160.5,  | 1633.6,    | 1830.9, | 0.0);   |       |             |
| ( 397289.1, | 3805157.9, | 1620.1, | 1830.9, | 0.0); | ( 397312.4, |
| 3805155.3,  | 1608.9,    | 1830.9, | 0.0);   |       |             |
| ( 397335.7, | 3805152.7, | 1598.2, | 1830.9, | 0.0); | ( 397359.0, |
| 3805150.1,  | 1584.7,    | 1830.9, | 0.0);   |       |             |
| ( 397382.3, | 3805147.5, | 1570.2, | 2009.6, | 0.0); | ( 397405.6, |
| 3805145.0,  | 1555.9,    | 2009.6, | 0.0);   |       |             |
| ( 397428.9, | 3805142.4, | 1542.5, | 2009.6, | 0.0); | ( 397452.2, |
| 3805139.8,  | 1528.9,    | 2009.6, | 0.0);   |       |             |
| ( 397475.5, | 3805137.2, | 1520.0, | 2009.6, | 0.0); | ( 397498.8, |
| 3805134.6,  | 1511.4,    | 2009.6, | 0.0);   |       |             |
| ( 397522.1, | 3805132.0, | 1502.1, | 2009.6, | 0.0); | ( 397545.4, |
| 3805129.5,  | 1495.6,    | 2009.6, | 0.0);   |       |             |
| ( 397568.7, | 3805126.9, | 1492.8, | 2009.6, | 0.0); | ( 397592.0, |
| 3805124.3,  | 1491.3,    | 2009.6, | 0.0);   |       |             |
| ( 397615.3, | 3805121.7, | 1490.8, | 2060.8, | 0.0); | ( 397638.6, |
| 3805119.1,  | 1492.5,    | 2060.8, | 0.0);   |       |             |
| ( 397661.9, | 3805116.5, | 1490.4, | 2060.8, | 0.0); | ( 397685.1, |
| 3805114.0,  | 1479.2,    | 2084.1, | 0.0);   |       |             |
| ( 397708.5, | 3805111.4, | 1474.9, | 2084.1, | 0.0); | ( 397731.7, |
| 3805108.8,  | 1478.8,    | 2084.1, | 0.0);   |       |             |
| ( 397755.0, | 3805106.2, | 1476.2, | 2084.1, | 0.0); | ( 397778.3, |
| 3805103.6,  | 1472.6,    | 2084.1, | 0.0);   |       |             |
| ( 397801.6, | 3805101.0, | 1469.2, | 2084.1, | 0.0); | ( 397824.9, |
| 3805098.5,  | 1469.1,    | 2084.1, | 0.0);   |       |             |
| ( 397848.2, | 3805095.9, | 1469.8, | 2084.1, | 0.0); | ( 397871.5, |
| 3805093.3,  | 1466.6,    | 2167.1, | 0.0);   |       |             |
| ( 397894.8, | 3805090.7, | 1460.0, | 2167.9, | 0.0); | ( 397918.1, |
| 3805088.1,  | 1451.3,    | 2167.9, | 0.0);   |       |             |
| ( 397941.4, | 3805085.5, | 1439.4, | 2167.9, | 0.0); | ( 397964.7, |
| 3805083.0,  | 1427.5,    | 2167.9, | 0.0);   |       |             |
| ( 397988.0, | 3805080.4, | 1427.0, | 2167.9, | 0.0); | ( 398011.3, |
| 3805077.8,  | 1431.3,    | 2167.9, | 0.0);   |       |             |
| ( 398034.6, | 3805075.2, | 1427.0, | 2167.9, | 0.0); | ( 398057.9, |
| 3805072.6,  | 1416.4,    | 2167.9, | 0.0);   |       |             |
| ( 398081.2, | 3805070.0, | 1405.3, | 2167.9, | 0.0); | ( 398104.5, |
| 3805067.5,  | 1397.4,    | 2167.9, | 0.0);   |       |             |
| ( 398127.8, | 3805064.9, | 1392.0, | 2167.9, | 0.0); | ( 398151.1, |
| 3805062.3,  | 1383.7,    | 2167.9, | 0.0);   |       |             |
| ( 398174.4, | 3805059.7, | 1370.6, | 2167.9, | 0.0); | ( 398197.7, |
| 3805057.1,  | 1368.8,    | 2167.9, | 0.0);   |       |             |
| ( 398221.0, | 3805054.5, | 1379.6, | 2167.9, | 0.0); | ( 398244.3, |
| 3805052.0,  | 1390.3,    | 2167.9, | 0.0);   |       |             |
| ( 398267.6, | 3805049.4, | 1393.7, | 2167.9, | 0.0); | ( 398290.8, |
| 3805046.8,  | 1394.9,    | 2167.9, | 0.0);   |       |             |
| ( 398314.1, | 3805044.2, | 1400.7, | 2167.9, | 0.0); | ( 398337.4, |
| 3805041.6,  | 1410.9,    | 2167.9, | 0.0);   |       |             |
| ( 398360.7, | 3805039.0, | 1420.0, | 2167.9, | 0.0); | ( 398384.0, |

```

3805036.5, 1428.3, 2167.9, 0.0);
(398407.3, 3805033.9, 1439.1, 2167.9, 0.0); (398430.6,
3805031.3, 1452.3, 2167.9, 0.0);
(398453.9, 3805028.7, 1464.0, 2167.9, 0.0); (398477.2,
3805026.1, 1469.8, 2167.9, 0.0);
(398500.5, 3805023.5, 1474.5, 2167.9, 0.0); (398523.8,
3805021.0, 1482.2, 2167.9, 0.0);
(398547.1, 3805018.4, 1487.8, 2167.9, 0.0); (398570.4,
3805015.8, 1495.1, 2167.9, 0.0);
(398593.7, 3805013.2, 1504.5, 2167.9, 0.0); (398617.0,
3805010.6, 1511.6, 2167.9, 0.0);
(398640.3, 3805008.0, 1513.6, 2167.9, 0.0); (382588.2,
3815677.5, 837.6, 1151.4, 0.0);
(382587.4, 3815701.0, 834.5, 1151.4, 0.0); (382586.6,
3815724.4, 829.5, 1151.4, 0.0);
(382585.8, 3815747.9, 825.2, 1151.4, 0.0); (382585.0,
3815771.4, 821.8, 1151.4, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 342

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(382584.3, 3815794.9, 817.7, 1151.4, 0.0); (382583.5,
3815818.3, 816.7, 1151.4, 0.0);
(382582.7, 3815841.8, 820.2, 1151.4, 0.0); (382581.9,
3815865.3, 827.0, 1151.4, 0.0);
(382581.1, 3815888.8, 833.6, 1151.4, 0.0); (382580.3,
3815912.2, 837.7, 1151.4, 0.0);
(382579.5, 3815935.7, 839.9, 1151.4, 0.0); (382578.8,
3815959.2, 840.9, 1151.4, 0.0);
(394421.7, 3816380.7, 908.8, 1439.5, 0.0); (394444.7,
3816381.1, 909.5, 1439.5, 0.0);
(394467.8, 3816381.5, 910.2, 1439.5, 0.0); (394490.8,
3816381.9, 911.0, 1439.5, 0.0);
(394513.9, 3816382.3, 911.7, 1439.5, 0.0); (394537.0,
3816382.8, 912.5, 1439.5, 0.0);
(394560.0, 3816383.2, 913.4, 1439.5, 0.0); (394583.1,
3816383.6, 914.2, 1439.5, 0.0);
(394606.1, 3816384.0, 915.1, 1439.5, 0.0); (394629.2,
3816384.4, 916.0, 1439.5, 0.0);
(394403.5, 3816397.9, 908.4, 1439.5, 0.0); (394444.3,
3816406.1, 909.8, 1439.5, 0.0);
(394467.3, 3816406.5, 910.5, 1439.5, 0.0); (394490.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816406.9,  | 911.4,     | 1439.5, | 0.0);   |       |             |
| ( 394513.4, | 3816407.3, | 912.2,  | 1439.5, | 0.0); | ( 394536.5, |
| 3816407.8,  | 913.1,     | 1439.5, | 0.0);   |       |             |
| ( 394559.6, | 3816408.2, | 914.0,  | 1439.5, | 0.0); | ( 394582.6, |
| 3816408.6,  | 914.8,     | 1439.5, | 0.0);   |       |             |
| ( 394605.7, | 3816409.0, | 915.7,  | 1439.5, | 0.0); | ( 394628.7, |
| 3816409.4,  | 916.7,     | 1439.5, | 0.0);   |       |             |
| ( 394403.1, | 3816422.9, | 908.9,  | 1439.5, | 0.0); | ( 394360.9, |
| 3816389.3,  | 907.1,     | 1439.5, | 0.0);   |       |             |
| ( 394443.8, | 3816431.1, | 910.2,  | 1439.5, | 0.0); | ( 394466.9, |
| 3816431.5,  | 910.9,     | 1439.5, | 0.0);   |       |             |
| ( 394489.9, | 3816431.9, | 911.9,  | 1439.5, | 0.0); | ( 394513.0, |
| 3816432.3,  | 912.8,     | 1439.5, | 0.0);   |       |             |
| ( 394536.0, | 3816432.8, | 913.7,  | 1439.5, | 0.0); | ( 394559.1, |
| 3816433.2,  | 914.6,     | 1439.5, | 0.0);   |       |             |
| ( 394582.2, | 3816433.6, | 915.5,  | 1439.5, | 0.0); | ( 394605.2, |
| 3816434.0,  | 916.4,     | 1439.5, | 0.0);   |       |             |
| ( 394628.3, | 3816434.4, | 917.4,  | 1439.5, | 0.0); | ( 394402.6, |
| 3816447.9,  | 910.0,     | 1439.5, | 0.0);   |       |             |
| ( 394367.3, | 3816432.3, | 908.5,  | 1439.5, | 0.0); | ( 394342.8, |
| 3816406.5,  | 907.1,     | 1439.5, | 0.0);   |       |             |
| ( 394443.4, | 3816456.1, | 911.0,  | 1439.5, | 0.0); | ( 394466.4, |
| 3816456.5,  | 911.7,     | 1439.5, | 0.0);   |       |             |
| ( 394512.5, | 3816457.3, | 913.4,  | 1439.5, | 0.0); | ( 394558.6, |
| 3816458.2,  | 915.2,     | 1439.5, | 0.0);   |       |             |
| ( 394366.4, | 3816482.3, | 912.5,  | 1439.5, | 0.0); | ( 394306.5, |
| 3816440.9,  | 908.3,     | 1439.5, | 0.0);   |       |             |
| ( 394292.8, | 3816404.8, | 906.3,  | 1439.5, | 0.0); | ( 394269.3, |
| 3816472.8,  | 911.5,     | 1439.5, | 0.0);   |       |             |
| ( 394253.6, | 3816431.5, | 907.6,  | 1439.5, | 0.0); | ( 394237.9, |
| 3816390.2,  | 904.9,     | 1439.5, | 0.0);   |       |             |
| ( 394533.8, | 3816557.7, | 925.8,  | 1439.5, | 0.0); | ( 394556.8, |
| 3816558.1,  | 926.1,     | 1439.5, | 0.0);   |       |             |
| ( 394579.9, | 3816558.6, | 926.6,  | 1439.5, | 0.0); | ( 394378.3, |
| 3816588.3,  | 928.1,     | 1439.5, | 0.0);   |       |             |
| ( 394280.1, | 3816545.1, | 921.7,  | 1439.5, | 0.0); | ( 394233.2, |
| 3816507.8,  | 916.0,     | 1439.5, | 0.0);   |       |             |
| ( 394218.0, | 3816467.6, | 911.3,  | 1439.5, | 0.0); | ( 394202.7, |
| 3816427.5,  | 907.1,     | 1439.5, | 0.0);   |       |             |
| ( 394187.5, | 3816387.4, | 904.1,  | 1439.5, | 0.0); | ( 394417.6, |
| 3816605.6,  | 931.4,     | 1439.5, | 0.0);   |       |             |
| ( 394486.8, | 3816606.9, | 931.8,  | 1439.5, | 0.0); | ( 394555.9, |
| 3816608.1,  | 932.0,     | 1439.5, | 0.0);   |       |             |
| ( 394320.3, | 3816613.2, | 932.6,  | 1439.5, | 0.0); | ( 394281.7, |
| 3816596.2,  | 929.6,     | 1439.5, | 0.0);   |       |             |
| ( 394174.7, | 3816483.5, | 913.1,  | 1439.5, | 0.0); | ( 394159.7, |
| 3816444.1,  | 908.8,     | 1439.5, | 0.0);   |       |             |
| ( 394144.7, | 3816404.7, | 905.4,  | 1439.5, | 0.0); | ( 394439.7, |
| 3816656.0,  | 938.4,     | 1439.5, | 0.0);   |       |             |
| ( 394578.1, | 3816658.5, | 935.4,  | 1439.5, | 0.0); | ( 394333.3, |

```

3816669.3, 943.2, 1439.5, 0.0);
(394312.7, 3816660.2, 941.4, 1439.5, 0.0); (394292.0,
3816651.1, 939.5, 1439.5, 0.0);
(394271.4, 3816642.1, 936.6, 1439.5, 0.0); (394209.6,
3816614.8, 932.6, 1439.5, 0.0);
(394189.0, 3816605.8, 931.2, 1439.5, 0.0); (394160.3,
3816575.6, 927.1, 1439.5, 0.0);
(394152.3, 3816554.6, 923.7, 1439.5, 0.0); (394136.3,
3816512.4, 916.9, 1439.5, 0.0);
(394120.3, 3816470.3, 911.8, 1439.5, 0.0); (394104.3,
3816428.2, 907.7, 1439.5, 0.0);
(394088.3, 3816386.1, 904.3, 1439.5, 0.0); (394334.4,
3816770.6, 979.0, 1439.5, 0.0);
(394274.8, 3816744.3, 972.6, 1439.5, 0.0); (394235.0,
3816726.8, 961.9, 1439.5, 0.0);
(394135.6, 3816683.0, 942.0, 1439.5, 0.0); (394088.1,
3816645.2, 933.7, 1439.5, 0.0);
(394072.7, 3816604.6, 929.8, 1439.5, 0.0); (394057.2,
3816564.0, 924.5, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 343

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(394041.8, 3816523.4, 918.4, 1439.5, 0.0); (394026.4,
3816482.8, 913.6, 1439.5, 0.0);
(394011.0, 3816442.2, 909.7, 1439.5, 0.0); (393995.5,
3816401.5, 906.3, 1439.5, 0.0);
(394460.1, 3816806.4, 969.7, 1439.5, 0.0); (394483.1,
3816806.8, 967.7, 1439.5, 0.0);
(394506.2, 3816807.3, 966.3, 1439.5, 0.0); (394529.2,
3816807.7, 965.0, 1439.5, 0.0);
(394552.3, 3816808.1, 963.0, 1439.5, 0.0); (394575.3,
3816808.5, 960.6, 1439.5, 0.0);
(394187.0, 3816806.5, 969.8, 1439.5, 0.0); (394146.1,
3816788.5, 957.9, 1439.5, 0.0);
(394064.2, 3816752.4, 944.9, 1439.5, 0.0); (394015.4,
3816713.5, 937.8, 1439.5, 0.0);
(393999.5, 3816671.7, 932.6, 1439.5, 0.0); (393983.6,
3816629.9, 929.6, 1439.5, 0.0);
(393967.7, 3816588.1, 925.1, 1439.5, 0.0); (393951.8,
3816546.3, 920.0, 1439.5, 0.0);
(393936.0, 3816504.5, 913.7, 1439.5, 0.0); (393920.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816462.7,  | 909.4,     | 1439.5, | 0.0);   |       |             |
| ( 393904.2, | 3816420.9, | 905.6,  | 1439.5, | 0.0); | ( 393888.3, |
| 3816379.1,  | 902.0,     | 1439.5, | 0.0);   |       |             |
| ( 394458.2, | 3816906.4, | 1003.7, | 1426.7, | 0.0); | ( 394481.3, |
| 3816906.8,  | 998.8,     | 1439.5, | 0.0);   |       |             |
| ( 394504.4, | 3816907.2, | 996.3,  | 1439.5, | 0.0); | ( 394527.4, |
| 3816907.7,  | 995.6,     | 1439.5, | 0.0);   |       |             |
| ( 394550.5, | 3816908.1, | 993.4,  | 1439.5, | 0.0); | ( 394573.5, |
| 3816908.5,  | 989.3,     | 1439.5, | 0.0);   |       |             |
| ( 394117.9, | 3816876.8, | 967.3,  | 1439.5, | 0.0); | ( 394097.0, |
| 3816867.6,  | 962.9,     | 1439.5, | 0.0);   |       |             |
| ( 394076.1, | 3816858.4, | 959.1,  | 1439.5, | 0.0); | ( 393992.6, |
| 3816821.7,  | 949.0,     | 1439.5, | 0.0);   |       |             |
| ( 393971.7, | 3816812.5, | 947.2,  | 1439.5, | 0.0); | ( 393942.7, |
| 3816781.9,  | 942.4,     | 1439.5, | 0.0);   |       |             |
| ( 393934.6, | 3816760.6, | 939.8,  | 1439.5, | 0.0); | ( 393926.5, |
| 3816739.3,  | 937.0,     | 1439.5, | 0.0);   |       |             |
| ( 393918.4, | 3816717.9, | 934.6,  | 1439.5, | 0.0); | ( 393910.3, |
| 3816696.6,  | 932.1,     | 1439.5, | 0.0);   |       |             |
| ( 393902.2, | 3816675.3, | 929.6,  | 1439.5, | 0.0); | ( 393894.1, |
| 3816653.9,  | 927.8,     | 1439.5, | 0.0);   |       |             |
| ( 393886.0, | 3816632.6, | 926.5,  | 1439.5, | 0.0); | ( 393877.8, |
| 3816611.3,  | 924.5,     | 1439.5, | 0.0);   |       |             |
| ( 393869.7, | 3816589.9, | 921.5,  | 1439.5, | 0.0); | ( 393861.6, |
| 3816568.6,  | 918.8,     | 1439.5, | 0.0);   |       |             |
| ( 393853.5, | 3816547.3, | 915.8,  | 1439.5, | 0.0); | ( 393845.4, |
| 3816525.9,  | 912.9,     | 1439.5, | 0.0);   |       |             |
| ( 393837.3, | 3816504.6, | 910.8,  | 1439.5, | 0.0); | ( 393829.2, |
| 3816483.3,  | 908.7,     | 1439.5, | 0.0);   |       |             |
| ( 393821.1, | 3816461.9, | 906.5,  | 1439.5, | 0.0); | ( 393813.0, |
| 3816440.6,  | 904.4,     | 1439.5, | 0.0);   |       |             |
| ( 393804.9, | 3816419.3, | 902.3,  | 1439.5, | 0.0); | ( 393796.8, |
| 3816397.9,  | 900.3,     | 1439.5, | 0.0);   |       |             |
| ( 393788.7, | 3816376.6, | 898.4,  | 1439.5, | 0.0); | ( 393780.6, |
| 3816355.3,  | 896.6,     | 1439.5, | 0.0);   |       |             |
| ( 394456.4, | 3817006.4, | 1042.1, | 1186.5, | 0.0); | ( 394479.5, |
| 3817006.8,  | 1037.9,    | 1186.5, | 0.0);   |       |             |
| ( 394502.5, | 3817007.2, | 1036.0, | 1186.5, | 0.0); | ( 394525.6, |
| 3817007.7,  | 1032.4,    | 1186.5, | 0.0);   |       |             |
| ( 394548.7, | 3817008.1, | 1024.3, | 1186.5, | 0.0); | ( 394571.7, |
| 3817008.5,  | 1014.8,    | 1186.5, | 0.0);   |       |             |
| ( 394061.8, | 3816952.9, | 965.5,  | 1439.5, | 0.0); | ( 394021.0, |
| 3816935.0,  | 961.9,     | 1439.5, | 0.0);   |       |             |
| ( 393939.5, | 3816899.1, | 951.5,  | 1439.5, | 0.0); | ( 393898.7, |
| 3816881.1,  | 948.5,     | 1439.5, | 0.0);   |       |             |
| ( 393870.4, | 3816851.3, | 944.9,  | 1439.5, | 0.0); | ( 393854.5, |
| 3816809.6,  | 937.2,     | 1439.5, | 0.0);   |       |             |
| ( 393838.7, | 3816768.0, | 932.4,  | 1439.5, | 0.0); | ( 393822.9, |
| 3816726.3,  | 929.1,     | 1439.5, | 0.0);   |       |             |
| ( 393807.1, | 3816684.7, | 925.3,  | 1439.5, | 0.0); | ( 393791.2, |

```

3816643.0, 922.1, 1439.5, 0.0);
(393775.4, 3816601.3, 917.5, 1439.5, 0.0); (393759.6,
3816559.7, 912.6, 1439.5, 0.0);
(393743.8, 3816518.0, 908.5, 1439.5, 0.0); (393727.9,
3816476.4, 904.5, 1439.5, 0.0);
(393712.1, 3816434.7, 900.7, 1439.5, 0.0); (393696.3,
3816393.1, 897.1, 1439.5, 0.0);
(394454.6, 3817106.4, 1056.1, 1186.5, 0.0); (394477.7,
3817106.8, 1048.1, 1186.5, 0.0);
(394500.7, 3817107.2, 1036.8, 1186.5, 0.0); (394523.8,
3817107.6, 1026.1, 1186.5, 0.0);
(394546.8, 3817108.1, 1017.3, 1439.5, 0.0); (394569.9,
3817108.5, 1010.2, 1439.5, 0.0);
(393992.3, 3817023.1, 966.7, 1439.5, 0.0); (393971.5,
3817014.0, 964.6, 1439.5, 0.0);
(393950.8, 3817004.8, 962.7, 1439.5, 0.0); (393930.1,
3816995.7, 960.2, 1439.5, 0.0);
(393909.4, 3816986.6, 957.2, 1439.5, 0.0); (393888.6,
3816977.5, 955.0, 1439.5, 0.0);
(393867.9, 3816968.4, 953.3, 1439.5, 0.0); (393847.2,
3816959.2, 950.7, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 344

\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393826.5, 3816950.1, 947.4, 1439.5, 0.0); (393797.7,
3816919.8, 941.3, 1439.5, 0.0);
(393781.6, 3816877.5, 935.6, 1439.5, 0.0); (393773.6,
3816856.3, 932.8, 1439.5, 0.0);
(393757.5, 3816814.0, 927.4, 1439.5, 0.0); (393749.5,
3816792.8, 925.1, 1439.5, 0.0);
(393733.4, 3816750.5, 922.0, 1439.5, 0.0); (393725.4,
3816729.3, 921.0, 1439.5, 0.0);
(393709.3, 3816687.0, 919.3, 1439.5, 0.0); (393701.2,
3816665.9, 917.6, 1439.5, 0.0);
(393685.2, 3816623.5, 913.9, 1439.5, 0.0); (393677.1,
3816602.4, 911.7, 1439.5, 0.0);
(393661.0, 3816560.0, 908.1, 1439.5, 0.0); (393653.0,
3816538.9, 906.4, 1439.5, 0.0);
(393636.9, 3816496.5, 902.6, 1439.5, 0.0); (393620.8,
3816454.2, 899.0, 1439.5, 0.0);
(393612.8, 3816433.0, 897.3, 1439.5, 0.0); (393596.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816390.7,  | 894.3,     | 1439.5, | 0.0);   |       |             |
| ( 393588.7, | 3816369.6, | 892.9,  | 1439.5, | 0.0); | ( 394452.8, |
| 3817206.4,  | 1032.6,    | 1426.7, | 0.0);   |       |             |
| ( 394475.8, | 3817206.8, | 1027.2, | 1439.5, | 0.0); | ( 394498.9, |
| 3817207.2,  | 1021.9,    | 1439.5, | 0.0);   |       |             |
| ( 394522.0, | 3817207.6, | 1017.0, | 1439.5, | 0.0); | ( 394545.0, |
| 3817208.0,  | 1012.7,    | 1439.5, | 0.0);   |       |             |
| ( 394568.1, | 3817208.5, | 1008.8, | 1439.5, | 0.0); | ( 393813.6, |
| 3817196.4,  | 965.2,     | 1439.5, | 0.0);   |       |             |
| ( 393792.6, | 3817187.2, | 960.5,  | 1439.5, | 0.0); | ( 393771.6, |
| 3817177.9,  | 957.2,     | 1439.5, | 0.0);   |       |             |
| ( 393750.6, | 3817168.7, | 954.4,  | 1439.5, | 0.0); | ( 393729.6, |
| 3817159.4,  | 952.4,     | 1439.5, | 0.0);   |       |             |
| ( 393708.5, | 3817150.2, | 951.1,  | 1439.5, | 0.0); | ( 393687.5, |
| 3817140.9,  | 946.1,     | 1439.5, | 0.0);   |       |             |
| ( 393666.5, | 3817131.7, | 942.4,  | 1439.5, | 0.0); | ( 393645.5, |
| 3817122.4,  | 939.3,     | 1439.5, | 0.0);   |       |             |
| ( 393616.3, | 3817091.7, | 934.7,  | 1439.5, | 0.0); | ( 393608.2, |
| 3817070.2,  | 932.8,     | 1439.5, | 0.0);   |       |             |
| ( 393600.0, | 3817048.8, | 930.8,  | 1439.5, | 0.0); | ( 393591.9, |
| 3817027.3,  | 928.6,     | 1439.5, | 0.0);   |       |             |
| ( 393583.7, | 3817005.8, | 926.5,  | 1439.5, | 0.0); | ( 393575.5, |
| 3816984.3,  | 924.5,     | 1439.5, | 0.0);   |       |             |
| ( 393567.4, | 3816962.9, | 922.6,  | 1439.5, | 0.0); | ( 393559.2, |
| 3816941.4,  | 920.8,     | 1439.5, | 0.0);   |       |             |
| ( 393551.1, | 3816919.9, | 919.1,  | 1439.5, | 0.0); | ( 393542.9, |
| 3816898.5,  | 917.2,     | 1439.5, | 0.0);   |       |             |
| ( 393534.8, | 3816877.0, | 915.4,  | 1439.5, | 0.0); | ( 393526.6, |
| 3816855.5,  | 913.8,     | 1439.5, | 0.0);   |       |             |
| ( 393518.5, | 3816834.1, | 912.8,  | 1439.5, | 0.0); | ( 393510.3, |
| 3816812.6,  | 912.4,     | 1439.5, | 0.0);   |       |             |
| ( 393502.1, | 3816791.1, | 911.0,  | 1439.5, | 0.0); | ( 393494.0, |
| 3816769.7,  | 909.9,     | 1439.5, | 0.0);   |       |             |
| ( 393485.8, | 3816748.2, | 908.8,  | 1439.5, | 0.0); | ( 393477.7, |
| 3816726.7,  | 906.6,     | 1439.5, | 0.0);   |       |             |
| ( 393469.5, | 3816705.3, | 905.0,  | 1439.5, | 0.0); | ( 393461.4, |
| 3816683.8,  | 903.9,     | 1439.5, | 0.0);   |       |             |
| ( 393453.2, | 3816662.3, | 902.9,  | 1439.5, | 0.0); | ( 393445.1, |
| 3816640.9,  | 902.0,     | 1439.5, | 0.0);   |       |             |
| ( 393436.9, | 3816619.4, | 901.0,  | 1439.5, | 0.0); | ( 393428.8, |
| 3816597.9,  | 899.8,     | 1439.5, | 0.0);   |       |             |
| ( 393420.6, | 3816576.5, | 898.7,  | 1439.5, | 0.0); | ( 393412.4, |
| 3816555.0,  | 897.7,     | 1439.5, | 0.0);   |       |             |
| ( 393404.3, | 3816533.5, | 896.9,  | 1439.5, | 0.0); | ( 393396.1, |
| 3816512.1,  | 895.8,     | 1439.5, | 0.0);   |       |             |
| ( 393388.0, | 3816490.6, | 894.9,  | 1439.5, | 0.0); | ( 393379.8, |
| 3816469.1,  | 894.2,     | 1439.5, | 0.0);   |       |             |
| ( 393371.7, | 3816447.7, | 893.8,  | 1439.5, | 0.0); | ( 393363.5, |
| 3816426.2,  | 893.3,     | 1439.5, | 0.0);   |       |             |
| ( 393355.4, | 3816404.7, | 892.7,  | 1439.5, | 0.0); | ( 393347.2, |

```

3816383.3, 891.9, 1439.5, 0.0);
(393339.0, 3816361.8, 891.1, 1439.5, 0.0); (393330.9,
3816340.3, 890.3, 1439.5, 0.0);
(394448.3, 3817456.3, 1031.2, 1439.5, 0.0); (394471.3,
3817456.8, 1028.2, 1439.5, 0.0);
(394494.4, 3817457.2, 1026.3, 1439.5, 0.0); (394517.4,
3817457.6, 1025.5, 1439.5, 0.0);
(393629.9, 3817367.5, 945.4, 1439.5, 0.0); (393609.2,
3817358.4, 943.6, 1439.5, 0.0);
(393588.4, 3817349.2, 941.0, 1439.5, 0.0); (393567.7,
3817340.1, 939.2, 1439.5, 0.0);
(393546.9, 3817331.0, 937.8, 1439.5, 0.0); (393526.2,
3817321.8, 936.8, 1439.5, 0.0);
(393505.5, 3817312.7, 935.8, 1439.5, 0.0); (393484.7,
3817303.6, 934.0, 1439.5, 0.0);
(393464.0, 3817294.4, 931.1, 1439.5, 0.0); (393435.1,
3817264.1, 928.9, 1439.5, 0.0);
(393419.0, 3817221.7, 927.8, 1439.5, 0.0); (393411.0,
3817200.5, 925.9, 1439.5, 0.0);
(393403.0, 3817179.3, 923.3, 1439.5, 0.0); (393386.8,
3817137.0, 922.2, 1439.5, 0.0);
(393378.8, 3817115.8, 921.7, 1439.5, 0.0); (393370.8,
3817094.6, 921.4, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 345

\*\*\* MODELOPTs:    RegDFAULT   CONC   ELEV   RURAL   ADJ\_U\*   BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(393354.6, 3817052.2, 918.9, 1439.5, 0.0); (393346.6,
3817031.0, 918.8, 1439.5, 0.0);
(393338.5, 3817009.8, 918.0, 1439.5, 0.0); (393322.4,
3816967.4, 915.4, 1439.5, 0.0);
(393314.4, 3816946.2, 914.9, 1439.5, 0.0); (393306.3,
3816925.0, 914.2, 1439.5, 0.0);
(393298.3, 3816903.9, 912.8, 1439.5, 0.0); (393282.2,
3816861.5, 910.1, 1439.5, 0.0);
(393274.1, 3816840.3, 909.0, 1439.5, 0.0); (393266.1,
3816819.1, 907.9, 1439.5, 0.0);
(393250.0, 3816776.7, 905.7, 1439.5, 0.0); (393241.9,
3816755.5, 904.8, 1439.5, 0.0);
(393233.9, 3816734.3, 903.6, 1439.5, 0.0); (393217.8,
3816691.9, 899.6, 1439.5, 0.0);
(393209.7, 3816670.8, 896.9, 1439.5, 0.0); (393201.7,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816649.6,  | 895.2,     | 1439.5, | 0.0);   |       |             |
| ( 393193.6, | 3816628.4, | 894.3,  | 1439.5, | 0.0); | ( 393177.5, |
| 3816586.0,  | 893.5,     | 1439.5, | 0.0);   |       |             |
| ( 393169.5, | 3816564.8, | 893.2,  | 1439.5, | 0.0); | ( 393161.4, |
| 3816543.6,  | 892.7,     | 1439.5, | 0.0);   |       |             |
| ( 393145.3, | 3816501.2, | 890.7,  | 1439.5, | 0.0); | ( 393137.3, |
| 3816480.0,  | 890.0,     | 1439.5, | 0.0);   |       |             |
| ( 393129.2, | 3816458.8, | 889.8,  | 1439.5, | 0.0); | ( 393113.1, |
| 3816416.5,  | 887.8,     | 1439.5, | 0.0);   |       |             |
| ( 393105.1, | 3816395.3, | 886.9,  | 1439.5, | 0.0); | ( 393097.0, |
| 3816374.1,  | 885.6,     | 1439.5, | 0.0);   |       |             |
| ( 393080.9, | 3816331.7, | 884.2,  | 1439.5, | 0.0); | ( 394443.7, |
| 3817706.3,  | 1059.5,    | 1439.5, | 0.0);   |       |             |
| ( 394559.0, | 3817708.4, | 1068.1, | 1439.5, | 0.0); | ( 394582.1, |
| 3817708.8,  | 1072.3,    | 1439.5, | 0.0);   |       |             |
| ( 394605.1, | 3817709.2, | 1075.6, | 1186.5, | 0.0); | ( 393618.0, |
| 3817614.2,  | 947.3,     | 1439.5, | 0.0);   |       |             |
| ( 393597.1, | 3817605.0, | 945.7,  | 1439.5, | 0.0); | ( 393576.1, |
| 3817595.8,  | 944.8,     | 1439.5, | 0.0);   |       |             |
| ( 393555.2, | 3817586.6, | 944.4,  | 1439.5, | 0.0); | ( 393534.2, |
| 3817577.3,  | 944.2,     | 1439.5, | 0.0);   |       |             |
| ( 393450.4, | 3817540.4, | 944.7,  | 1439.5, | 0.0); | ( 393429.5, |
| 3817531.2,  | 944.3,     | 1439.5, | 0.0);   |       |             |
| ( 393408.5, | 3817522.0, | 944.4,  | 1439.5, | 0.0); | ( 393387.6, |
| 3817512.8,  | 943.8,     | 1439.5, | 0.0);   |       |             |
| ( 393366.7, | 3817503.6, | 942.3,  | 1439.5, | 0.0); | ( 393345.7, |
| 3817494.3,  | 940.8,     | 1439.5, | 0.0);   |       |             |
| ( 393324.8, | 3817485.1, | 940.0,  | 1439.5, | 0.0); | ( 393303.8, |
| 3817475.9,  | 940.3,     | 1439.5, | 0.0);   |       |             |
| ( 393282.9, | 3817466.7, | 939.9,  | 1439.5, | 0.0); | ( 393253.8, |
| 3817436.1,  | 935.9,     | 1439.5, | 0.0);   |       |             |
| ( 393245.7, | 3817414.7, | 934.2,  | 1439.5, | 0.0); | ( 393237.5, |
| 3817393.3,  | 932.6,     | 1439.5, | 0.0);   |       |             |
| ( 393229.4, | 3817371.9, | 931.1,  | 1439.5, | 0.0); | ( 393221.3, |
| 3817350.5,  | 929.6,     | 1439.5, | 0.0);   |       |             |
| ( 393213.1, | 3817329.1, | 928.0,  | 1439.5, | 0.0); | ( 393205.0, |
| 3817307.7,  | 926.6,     | 1439.5, | 0.0);   |       |             |
| ( 393196.9, | 3817286.3, | 925.3,  | 1439.5, | 0.0); | ( 393188.8, |
| 3817264.9,  | 923.9,     | 1439.5, | 0.0);   |       |             |
| ( 393180.6, | 3817243.5, | 922.6,  | 1439.5, | 0.0); | ( 393172.5, |
| 3817222.1,  | 921.6,     | 1439.5, | 0.0);   |       |             |
| ( 393164.4, | 3817200.7, | 920.5,  | 1439.5, | 0.0); | ( 393156.3, |
| 3817179.3,  | 919.2,     | 1439.5, | 0.0);   |       |             |
| ( 393148.1, | 3817157.9, | 917.5,  | 1439.5, | 0.0); | ( 393140.0, |
| 3817136.5,  | 915.6,     | 1439.5, | 0.0);   |       |             |
| ( 393131.9, | 3817115.1, | 914.4,  | 1439.5, | 0.0); | ( 393123.8, |
| 3817093.8,  | 915.1,     | 1439.5, | 0.0);   |       |             |
| ( 393115.6, | 3817072.3, | 916.8,  | 1439.5, | 0.0); | ( 393107.5, |
| 3817051.0,  | 916.6,     | 1439.5, | 0.0);   |       |             |
| ( 393099.4, | 3817029.6, | 914.5,  | 1439.5, | 0.0); | ( 393091.2, |

```

3817008.2, 913.5, 1439.5, 0.0);
 (393083.1, 3816986.8, 911.4, 1439.5, 0.0); (393075.0,
3816965.4, 909.2, 1439.5, 0.0);
 (393066.8, 3816944.0, 910.6, 1439.5, 0.0); (393058.7,
3816922.6, 912.5, 1439.5, 0.0);
 (393050.6, 3816901.2, 914.3, 1439.5, 0.0); (393042.5,
3816879.8, 915.5, 1439.5, 0.0);
 (393034.3, 3816858.4, 916.7, 1439.5, 0.0); (393026.2,
3816837.0, 917.5, 1439.5, 0.0);
 (393018.1, 3816815.6, 918.1, 1439.5, 0.0); (393010.0,
3816794.2, 919.9, 1439.5, 0.0);
 (393001.8, 3816772.8, 923.1, 1439.5, 0.0); (392993.7,
3816751.4, 927.9, 1439.5, 0.0);
 (392985.6, 3816730.0, 930.8, 1439.5, 0.0); (392977.5,
3816708.6, 930.2, 1439.5, 0.0);
 (392969.3, 3816687.2, 926.6, 1439.5, 0.0); (392961.2,
3816665.8, 923.7, 1439.5, 0.0);
 (392953.1, 3816644.4, 920.8, 1439.5, 0.0); (392944.9,
3816623.1, 917.5, 1439.5, 0.0);
 (392936.8, 3816601.7, 914.1, 1439.5, 0.0); (392928.7,
3816580.3, 911.8, 1439.5, 0.0);
 (392920.5, 3816558.9, 909.9, 1439.5, 0.0); (392912.4,
3816537.5, 908.0, 1439.5, 0.0);
 (392904.3, 3816516.1, 905.8, 1439.5, 0.0); (392896.2,
3816494.7, 903.4, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 346

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (392888.0, 3816473.3, 900.6, 1439.5, 0.0); (392879.9,
3816451.9, 897.9, 1439.5, 0.0);
 (392871.8, 3816430.5, 896.4, 1439.5, 0.0); (392863.7,
3816409.1, 895.5, 1439.5, 0.0);
 (392855.5, 3816387.7, 893.9, 1439.5, 0.0); (392847.4,
3816366.3, 893.3, 1439.5, 0.0);
 (392839.3, 3816344.9, 893.1, 1439.5, 0.0); (392831.1,
3816323.5, 892.9, 1439.5, 0.0);
 (394462.2, 3817956.7, 1117.6, 1186.5, 0.0); (394485.3,
3817957.1, 1119.1, 1186.5, 0.0);
 (394508.3, 3817957.5, 1117.6, 1186.5, 0.0); (394531.4,
3817957.9, 1113.6, 1186.5, 0.0);
 (393629.1, 3817871.1, 964.7, 1439.5, 0.0); (393608.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817861.8,  | 969.4,     | 1439.5, | 0.0);   |       |             |
| ( 393586.9, | 3817852.5, | 974.1,  | 1439.5, | 0.0); | ( 393565.8, |
| 3817843.2,  | 975.0,     | 1439.5, | 0.0);   |       |             |
| ( 393544.7, | 3817833.9, | 974.6,  | 1439.5, | 0.0); | ( 393523.6, |
| 3817824.6,  | 972.4,     | 1439.5, | 0.0);   |       |             |
| ( 393502.5, | 3817815.3, | 969.7,  | 1439.5, | 0.0); | ( 393481.4, |
| 3817806.0,  | 967.7,     | 1439.5, | 0.0);   |       |             |
| ( 393460.3, | 3817796.8, | 967.0,  | 1439.5, | 0.0); | ( 393439.2, |
| 3817787.5,  | 967.0,     | 1439.5, | 0.0);   |       |             |
| ( 393418.2, | 3817778.2, | 968.8,  | 1439.5, | 0.0); | ( 393397.1, |
| 3817768.9,  | 971.5,     | 1439.5, | 0.0);   |       |             |
| ( 393376.0, | 3817759.6, | 972.7,  | 1439.5, | 0.0); | ( 393354.9, |
| 3817750.3,  | 971.7,     | 1439.5, | 0.0);   |       |             |
| ( 393270.5, | 3817713.2, | 960.4,  | 1439.5, | 0.0); | ( 393249.4, |
| 3817703.9,  | 958.5,     | 1439.5, | 0.0);   |       |             |
| ( 393228.3, | 3817694.6, | 955.8,  | 1439.5, | 0.0); | ( 393207.2, |
| 3817685.3,  | 953.1,     | 1439.5, | 0.0);   |       |             |
| ( 393186.1, | 3817676.0, | 951.0,  | 1439.5, | 0.0); | ( 393165.0, |
| 3817666.8,  | 948.5,     | 1439.5, | 0.0);   |       |             |
| ( 393143.9, | 3817657.5, | 945.8,  | 1439.5, | 0.0); | ( 393122.8, |
| 3817648.2,  | 943.1,     | 1439.5, | 0.0);   |       |             |
| ( 393101.7, | 3817638.9, | 941.0,  | 1439.5, | 0.0); | ( 393072.5, |
| 3817608.1,  | 939.1,     | 1439.5, | 0.0);   |       |             |
| ( 393064.3, | 3817586.5, | 939.4,  | 1439.5, | 0.0); | ( 393056.1, |
| 3817565.0,  | 941.4,     | 1439.5, | 0.0);   |       |             |
| ( 393047.9, | 3817543.4, | 942.1,  | 1439.5, | 0.0); | ( 393039.7, |
| 3817521.9,  | 939.7,     | 1439.5, | 0.0);   |       |             |
| ( 393031.5, | 3817500.3, | 937.9,  | 1439.5, | 0.0); | ( 393023.3, |
| 3817478.8,  | 937.2,     | 1439.5, | 0.0);   |       |             |
| ( 393015.2, | 3817457.2, | 936.7,  | 1439.5, | 0.0); | ( 393007.0, |
| 3817435.7,  | 932.0,     | 1439.5, | 0.0);   |       |             |
| ( 392998.8, | 3817414.2, | 928.5,  | 1439.5, | 0.0); | ( 392990.6, |
| 3817392.6,  | 926.9,     | 1439.5, | 0.0);   |       |             |
| ( 392982.4, | 3817371.1, | 926.2,  | 1439.5, | 0.0); | ( 392974.2, |
| 3817349.5,  | 925.4,     | 1439.5, | 0.0);   |       |             |
| ( 392966.0, | 3817328.0, | 924.7,  | 1439.5, | 0.0); | ( 392957.9, |
| 3817306.4,  | 923.7,     | 1439.5, | 0.0);   |       |             |
| ( 392949.7, | 3817284.9, | 923.2,  | 1439.5, | 0.0); | ( 392941.5, |
| 3817263.3,  | 922.4,     | 1439.5, | 0.0);   |       |             |
| ( 392933.3, | 3817241.8, | 920.9,  | 1439.5, | 0.0); | ( 392925.1, |
| 3817220.2,  | 920.4,     | 1439.5, | 0.0);   |       |             |
| ( 392916.9, | 3817198.7, | 922.1,  | 1439.5, | 0.0); | ( 392908.8, |
| 3817177.1,  | 922.9,     | 1439.5, | 0.0);   |       |             |
| ( 392900.6, | 3817155.6, | 921.6,  | 1439.5, | 0.0); | ( 392892.4, |
| 3817134.1,  | 922.8,     | 1439.5, | 0.0);   |       |             |
| ( 392884.2, | 3817112.5, | 926.4,  | 1439.5, | 0.0); | ( 392876.0, |
| 3817091.0,  | 931.9,     | 1439.5, | 0.0);   |       |             |
| ( 392867.8, | 3817069.4, | 939.1,  | 1439.5, | 0.0); | ( 392859.6, |
| 3817047.9,  | 945.3,     | 1439.5, | 0.0);   |       |             |
| ( 392851.5, | 3817026.3, | 951.3,  | 1439.5, | 0.0); | ( 392843.3, |

```

3817004.8, 955.0, 1439.5, 0.0);
 (392835.1, 3816983.2, 959.3, 1439.5, 0.0); (392826.9,
3816961.7, 963.9, 1439.5, 0.0);
 (392818.7, 3816940.1, 967.9, 1439.5, 0.0); (392810.5,
3816918.6, 972.4, 1439.5, 0.0);
 (392802.3, 3816897.0, 977.0, 1439.5, 0.0); (392794.2,
3816875.5, 982.0, 1439.5, 0.0);
 (392786.0, 3816854.0, 986.3, 1439.5, 0.0); (392777.8,
3816832.4, 990.3, 1439.5, 0.0);
 (392769.6, 3816810.9, 992.8, 1439.5, 0.0); (392761.4,
3816789.3, 990.2, 1439.5, 0.0);
 (392753.2, 3816767.8, 982.6, 1439.5, 0.0); (392745.0,
3816746.2, 973.7, 1439.5, 0.0);
 (392736.9, 3816724.7, 965.1, 1439.5, 0.0); (392728.7,
3816703.1, 957.6, 1439.5, 0.0);
 (392720.5, 3816681.6, 950.4, 1439.5, 0.0); (392712.3,
3816660.0, 943.3, 1439.5, 0.0);
 (392704.1, 3816638.5, 937.1, 1439.5, 0.0); (392695.9,
3816617.0, 931.4, 1439.5, 0.0);
 (392687.8, 3816595.4, 926.0, 1439.5, 0.0); (392679.6,
3816573.9, 921.9, 1439.5, 0.0);
 (392671.4, 3816552.3, 918.7, 1439.5, 0.0); (392663.2,
3816530.8, 915.9, 1439.5, 0.0);
 (392655.0, 3816509.2, 913.4, 1439.5, 0.0); (392646.8,
3816487.7, 911.1, 1439.5, 0.0);
 (392638.6, 3816466.1, 909.7, 1439.5, 0.0); (392630.5,
3816444.6, 909.0, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 347

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (392622.3, 3816423.0, 909.5, 1439.5, 0.0); (392614.1,
3816401.5, 909.1, 1439.5, 0.0);
 (392605.9, 3816379.9, 908.2, 1439.5, 0.0); (392597.7,
3816358.4, 906.5, 1439.5, 0.0);
 (392589.5, 3816336.9, 904.2, 1439.5, 0.0); (392581.3,
3816315.3, 902.4, 1439.5, 0.0);
 (394434.6, 3818206.2, 1080.5, 1439.5, 0.0); (394457.7,
3818206.6, 1083.8, 1439.5, 0.0);
 (394549.9, 3818208.3, 1102.0, 1439.5, 0.0); (394573.0,
3818208.7, 1110.2, 1439.5, 0.0);
 (394596.0, 3818209.1, 1119.1, 1439.5, 0.0); (393559.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818344.2,  | 1003.3,    | 1439.5, | 0.0);   |       |             |
| ( 393538.2, | 3818335.0, | 1001.2, | 1439.5, | 0.0); | ( 393517.2, |
| 3818325.7,  | 1000.6,    | 1439.5, | 0.0);   |       |             |
| ( 393496.2, | 3818316.5, | 998.1,  | 1439.5, | 0.0); | ( 393475.1, |
| 3818307.2,  | 994.5,     | 1439.5, | 0.0);   |       |             |
| ( 393454.1, | 3818297.9, | 992.3,  | 1439.5, | 0.0); | ( 393433.1, |
| 3818288.7,  | 990.3,     | 1439.5, | 0.0);   |       |             |
| ( 393412.1, | 3818279.4, | 987.8,  | 1439.5, | 0.0); | ( 393391.0, |
| 3818270.2,  | 985.0,     | 1439.5, | 0.0);   |       |             |
| ( 393370.0, | 3818260.9, | 982.6,  | 1439.5, | 0.0); | ( 393349.0, |
| 3818251.7,  | 980.6,     | 1439.5, | 0.0);   |       |             |
| ( 393327.9, | 3818242.4, | 979.6,  | 1439.5, | 0.0); | ( 393306.9, |
| 3818233.1,  | 979.2,     | 1439.5, | 0.0);   |       |             |
| ( 393285.9, | 3818223.9, | 978.9,  | 1439.5, | 0.0); | ( 393264.8, |
| 3818214.6,  | 977.6,     | 1439.5, | 0.0);   |       |             |
| ( 393243.8, | 3818205.4, | 976.5,  | 1439.5, | 0.0); | ( 393222.8, |
| 3818196.1,  | 974.8,     | 1439.5, | 0.0);   |       |             |
| ( 393201.8, | 3818186.8, | 972.8,  | 1439.5, | 0.0); | ( 393180.7, |
| 3818177.6,  | 971.2,     | 1439.5, | 0.0);   |       |             |
| ( 393159.7, | 3818168.3, | 970.5,  | 1439.5, | 0.0); | ( 393138.7, |
| 3818159.1,  | 969.6,     | 1439.5, | 0.0);   |       |             |
| ( 393117.6, | 3818149.8, | 968.2,  | 1439.5, | 0.0); | ( 393096.6, |
| 3818140.6,  | 967.4,     | 1439.5, | 0.0);   |       |             |
| ( 393075.6, | 3818131.3, | 967.2,  | 1439.5, | 0.0); | ( 393054.6, |
| 3818122.0,  | 966.9,     | 1439.5, | 0.0);   |       |             |
| ( 393033.5, | 3818112.8, | 965.6,  | 1439.5, | 0.0); | ( 393012.5, |
| 3818103.5,  | 963.9,     | 1439.5, | 0.0);   |       |             |
| ( 392991.5, | 3818094.3, | 962.1,  | 1439.5, | 0.0); | ( 392907.3, |
| 3818057.2,  | 958.3,     | 1439.5, | 0.0);   |       |             |
| ( 392886.3, | 3818048.0, | 959.2,  | 1439.5, | 0.0); | ( 392865.3, |
| 3818038.7,  | 961.1,     | 1439.5, | 0.0);   |       |             |
| ( 392844.3, | 3818029.5, | 961.8,  | 1439.5, | 0.0); | ( 392823.2, |
| 3818020.2,  | 961.4,     | 1439.5, | 0.0);   |       |             |
| ( 392802.2, | 3818010.9, | 960.5,  | 1439.5, | 0.0); | ( 392781.2, |
| 3818001.7,  | 959.7,     | 1439.5, | 0.0);   |       |             |
| ( 392760.1, | 3817992.4, | 958.9,  | 1439.5, | 0.0); | ( 392739.1, |
| 3817983.2,  | 957.9,     | 1439.5, | 0.0);   |       |             |
| ( 392709.9, | 3817952.4, | 956.5,  | 1439.5, | 0.0); | ( 392701.8, |
| 3817931.0,  | 955.6,     | 1439.5, | 0.0);   |       |             |
| ( 392693.6, | 3817909.5, | 954.7,  | 1439.5, | 0.0); | ( 392685.4, |
| 3817888.0,  | 954.0,     | 1439.5, | 0.0);   |       |             |
| ( 392677.3, | 3817866.5, | 953.2,  | 1439.5, | 0.0); | ( 392669.1, |
| 3817845.0,  | 952.2,     | 1439.5, | 0.0);   |       |             |
| ( 392661.0, | 3817823.6, | 951.2,  | 1439.5, | 0.0); | ( 392652.8, |
| 3817802.1,  | 950.3,     | 1439.5, | 0.0);   |       |             |
| ( 392644.6, | 3817780.6, | 949.3,  | 1439.5, | 0.0); | ( 392636.5, |
| 3817759.1,  | 948.1,     | 1439.5, | 0.0);   |       |             |
| ( 392628.3, | 3817737.6, | 946.8,  | 1439.5, | 0.0); | ( 392620.2, |
| 3817716.2,  | 945.2,     | 1439.5, | 0.0);   |       |             |
| ( 392612.0, | 3817694.7, | 944.1,  | 1439.5, | 0.0); | ( 392603.8, |

```

3817673.2, 943.1, 1439.5, 0.0);
 (392595.7, 3817651.7, 942.2, 1439.5, 0.0); (392587.5,
3817630.2, 941.2, 1439.5, 0.0);
 (392579.4, 3817608.8, 940.0, 1439.5, 0.0); (392571.2,
3817587.3, 938.8, 1439.5, 0.0);
 (392563.0, 3817565.8, 937.8, 1439.5, 0.0); (392554.9,
3817544.3, 937.2, 1439.5, 0.0);
 (392546.7, 3817522.8, 936.8, 1439.5, 0.0); (392538.6,
3817501.4, 936.1, 1439.5, 0.0);
 (392530.4, 3817479.9, 935.4, 1439.5, 0.0); (392522.2,
3817458.4, 935.8, 1439.5, 0.0);
 (392514.1, 3817436.9, 938.1, 1439.5, 0.0); (392505.9,
3817415.5, 938.9, 1439.5, 0.0);
 (392497.8, 3817394.0, 940.3, 1439.5, 0.0); (392489.6,
3817372.5, 941.8, 1439.5, 0.0);
 (392481.4, 3817351.0, 945.2, 1439.5, 0.0); (392473.3,
3817329.5, 949.1, 1439.5, 0.0);
 (392465.1, 3817308.1, 953.3, 1439.5, 0.0); (392457.0,
3817286.6, 958.1, 1439.5, 0.0);
 (392448.8, 3817265.1, 962.2, 1439.5, 0.0); (392440.6,
3817243.6, 966.8, 1439.5, 0.0);
 (392432.5, 3817222.1, 973.4, 1439.5, 0.0); (392424.3,
3817200.7, 982.2, 1439.5, 0.0);
 (392416.2, 3817179.2, 991.9, 1439.5, 0.0); (392408.0,
3817157.7, 1001.7, 1439.5, 0.0);
 (392399.8, 3817136.2, 1007.7, 1439.5, 0.0); (392391.7,
3817114.7, 1008.8, 1439.5, 0.0);
 (392383.5, 3817093.3, 1004.9, 1439.5, 0.0); (392375.4,
3817071.8, 995.2, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 348

\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (392367.2, 3817050.3, 987.0, 1439.5, 0.0); (392359.0,
3817028.8, 980.2, 1439.5, 0.0);
 (392350.9, 3817007.3, 975.4, 1439.5, 0.0); (392342.7,
3816985.9, 972.4, 1439.5, 0.0);
 (392334.6, 3816964.4, 969.2, 1439.5, 0.0); (392326.4,
3816942.9, 964.1, 1439.5, 0.0);
 (392318.2, 3816921.4, 957.3, 1439.5, 0.0); (392310.1,
3816899.9, 952.4, 1439.5, 0.0);
 (392301.9, 3816878.5, 950.1, 1439.5, 0.0); (392293.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816857.0,  | 950.2,     | 1439.5, | 0.0);   |       |             |
| ( 392285.6, | 3816835.5, | 951.3,  | 1439.5, | 0.0); | ( 392277.4, |
| 3816814.0,  | 952.6,     | 1439.5, | 0.0);   |       |             |
| ( 392269.3, | 3816792.5, | 952.9,  | 1439.5, | 0.0); | ( 392261.1, |
| 3816771.1,  | 952.3,     | 1439.5, | 0.0);   |       |             |
| ( 392253.0, | 3816749.6, | 952.3,  | 1439.5, | 0.0); | ( 392244.8, |
| 3816728.1,  | 952.7,     | 1439.5, | 0.0);   |       |             |
| ( 392236.6, | 3816706.6, | 952.7,  | 1439.5, | 0.0); | ( 392228.5, |
| 3816685.1,  | 952.9,     | 1439.5, | 0.0);   |       |             |
| ( 392220.3, | 3816663.7, | 953.9,  | 1439.5, | 0.0); | ( 392212.2, |
| 3816642.2,  | 955.5,     | 1439.5, | 0.0);   |       |             |
| ( 392204.0, | 3816620.7, | 957.4,  | 1439.5, | 0.0); | ( 392195.8, |
| 3816599.2,  | 959.2,     | 1439.5, | 0.0);   |       |             |
| ( 392187.7, | 3816577.8, | 960.6,  | 1439.5, | 0.0); | ( 392179.5, |
| 3816556.3,  | 962.6,     | 1439.5, | 0.0);   |       |             |
| ( 392171.4, | 3816534.8, | 966.7,  | 1439.5, | 0.0); | ( 392163.2, |
| 3816513.3,  | 973.1,     | 1439.5, | 0.0);   |       |             |
| ( 392155.0, | 3816491.8, | 981.2,  | 1034.8, | 0.0); | ( 392146.9, |
| 3816470.3,  | 990.0,     | 1034.8, | 0.0);   |       |             |
| ( 392138.7, | 3816448.9, | 999.7,  | 1032.8, | 0.0); | ( 392130.6, |
| 3816427.4,  | 1010.3,    | 1032.8, | 0.0);   |       |             |
| ( 392122.4, | 3816405.9, | 1021.1, | 1032.8, | 0.0); | ( 392114.2, |
| 3816384.4,  | 1029.5,    | 1032.8, | 0.0);   |       |             |
| ( 392106.1, | 3816363.0, | 1032.1, | 1032.1, | 0.0); | ( 392097.9, |
| 3816341.5,  | 1028.7,    | 1032.8, | 0.0);   |       |             |
| ( 392089.8, | 3816320.0, | 1021.8, | 1032.8, | 0.0); | ( 392081.6, |
| 3816298.5,  | 1013.4,    | 1032.8, | 0.0);   |       |             |
| ( 394425.5, | 3818706.1, | 1029.8, | 1439.5, | 0.0); | ( 394448.6, |
| 3818706.5,  | 1033.9,    | 1439.5, | 0.0);   |       |             |
| ( 394471.7, | 3818707.0, | 1036.8, | 1439.5, | 0.0); | ( 394494.7, |
| 3818707.4,  | 1040.1,    | 1439.5, | 0.0);   |       |             |
| ( 394517.8, | 3818707.8, | 1043.6, | 1439.5, | 0.0); | ( 394540.8, |
| 3818708.2,  | 1046.4,    | 1439.5, | 0.0);   |       |             |
| ( 394563.9, | 3818708.6, | 1046.9, | 1439.5, | 0.0); | ( 394587.0, |
| 3818709.0,  | 1044.5,    | 1439.5, | 0.0);   |       |             |
| ( 393488.9, | 3818817.1, | 1030.6, | 1439.5, | 0.0); | ( 393467.9, |
| 3818807.9,  | 1034.0,    | 1439.5, | 0.0);   |       |             |
| ( 393446.9, | 3818798.7, | 1041.0, | 1439.5, | 0.0); | ( 393425.9, |
| 3818789.4,  | 1047.3,    | 1439.5, | 0.0);   |       |             |
| ( 393404.9, | 3818780.2, | 1050.4, | 1439.5, | 0.0); | ( 393383.9, |
| 3818771.0,  | 1052.0,    | 1439.5, | 0.0);   |       |             |
| ( 393362.9, | 3818761.7, | 1051.6, | 1439.5, | 0.0); | ( 393342.0, |
| 3818752.5,  | 1047.8,    | 1439.5, | 0.0);   |       |             |
| ( 393321.0, | 3818743.2, | 1040.7, | 1439.5, | 0.0); | ( 393300.0, |
| 3818734.0,  | 1038.6,    | 1439.5, | 0.0);   |       |             |
| ( 393279.0, | 3818724.8, | 1040.8, | 1439.5, | 0.0); | ( 393258.0, |
| 3818715.5,  | 1045.3,    | 1439.5, | 0.0);   |       |             |
| ( 393237.0, | 3818706.3, | 1048.2, | 1439.5, | 0.0); | ( 393216.0, |
| 3818697.0,  | 1048.8,    | 1439.5, | 0.0);   |       |             |
| ( 393195.0, | 3818687.8, | 1048.8, | 1439.5, | 0.0); | ( 393174.0, |

```

3818678.6, 1048.6, 1439.5, 0.0);
(393153.1, 3818669.3, 1047.2, 1439.5, 0.0); (393132.1,
3818660.1, 1043.4, 1439.5, 0.0);
(393111.1, 3818650.8, 1036.4, 1439.5, 0.0); (393090.1,
3818641.6, 1028.5, 1439.5, 0.0);
(393069.1, 3818632.4, 1021.4, 1439.5, 0.0); (393048.1,
3818623.1, 1017.1, 1439.5, 0.0);
(393027.1, 3818613.9, 1013.6, 1439.5, 0.0); (393006.1,
3818604.6, 1010.4, 1439.5, 0.0);
(392985.1, 3818595.4, 1007.8, 1439.5, 0.0); (392964.2,
3818586.2, 1004.7, 1439.5, 0.0);
(392943.2, 3818576.9, 1002.3, 1439.5, 0.0); (392922.2,
3818567.7, 1001.7, 1439.5, 0.0);
(392901.2, 3818558.4, 1001.2, 1439.5, 0.0); (392880.2,
3818549.2, 999.0, 1439.5, 0.0);
(392859.2, 3818540.0, 993.3, 1439.5, 0.0); (392838.2,
3818530.7, 992.1, 1439.5, 0.0);
(392817.2, 3818521.5, 992.3, 1439.5, 0.0); (392796.3,
3818512.3, 994.5, 1439.5, 0.0);
(392775.3, 3818503.0, 998.8, 1439.5, 0.0); (392754.3,
3818493.8, 1003.8, 1439.5, 0.0);
(392733.3, 3818484.5, 1009.0, 1439.5, 0.0); (392712.3,
3818475.3, 1012.4, 1439.5, 0.0);
(392691.3, 3818466.1, 1012.0, 1439.5, 0.0); (392670.3,
3818456.8, 1007.9, 1439.5, 0.0);
(392649.3, 3818447.6, 1001.6, 1439.5, 0.0); (392628.4,
3818438.3, 996.9, 1439.5, 0.0);
(392565.4, 3818410.6, 989.8, 1439.5, 0.0); (392544.4,
3818401.4, 987.5, 1439.5, 0.0);
(392523.4, 3818392.1, 986.9, 1439.5, 0.0); (392502.4,
3818382.9, 988.3, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 349

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392481.5, 3818373.7, 988.2, 1439.5, 0.0); (392460.5,
3818364.4, 987.6, 1439.5, 0.0);
(392439.5, 3818355.2, 986.7, 1439.5, 0.0); (392418.5,
3818345.9, 985.7, 1439.5, 0.0);
(392397.5, 3818336.7, 984.5, 1439.5, 0.0); (392376.5,
3818327.5, 984.1, 1439.5, 0.0);
(392347.4, 3818296.8, 982.3, 1439.5, 0.0); (392339.2,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818275.4,  | 980.9,     | 1439.5, | 0.0);   |       |             |
| ( 392331.1, | 3818253.9, | 979.5,  | 1439.5, | 0.0); | ( 392322.9, |
| 3818232.5,  | 978.2,     | 1439.5, | 0.0);   |       |             |
| ( 392314.8, | 3818211.0, | 976.7,  | 1439.5, | 0.0); | ( 392306.7, |
| 3818189.6,  | 975.2,     | 1439.5, | 0.0);   |       |             |
| ( 392298.5, | 3818168.2, | 973.6,  | 1439.5, | 0.0); | ( 392290.4, |
| 3818146.7,  | 972.1,     | 1439.5, | 0.0);   |       |             |
| ( 392282.2, | 3818125.3, | 970.7,  | 1439.5, | 0.0); | ( 392274.1, |
| 3818103.9,  | 969.1,     | 1439.5, | 0.0);   |       |             |
| ( 392265.9, | 3818082.4, | 967.3,  | 1439.5, | 0.0); | ( 392257.8, |
| 3818061.0,  | 965.9,     | 1439.5, | 0.0);   |       |             |
| ( 392249.6, | 3818039.6, | 964.4,  | 1439.5, | 0.0); | ( 392241.5, |
| 3818018.1,  | 962.3,     | 1439.5, | 0.0);   |       |             |
| ( 392233.4, | 3817996.7, | 961.2,  | 1439.5, | 0.0); | ( 392225.2, |
| 3817975.2,  | 960.4,     | 1439.5, | 0.0);   |       |             |
| ( 392217.1, | 3817953.8, | 959.1,  | 1439.5, | 0.0); | ( 392208.9, |
| 3817932.4,  | 957.0,     | 1439.5, | 0.0);   |       |             |
| ( 392200.8, | 3817910.9, | 955.7,  | 1439.5, | 0.0); | ( 392192.6, |
| 3817889.5,  | 954.0,     | 1439.5, | 0.0);   |       |             |
| ( 392184.5, | 3817868.1, | 952.7,  | 1439.5, | 0.0); | ( 392176.3, |
| 3817846.6,  | 951.8,     | 1439.5, | 0.0);   |       |             |
| ( 392168.2, | 3817825.2, | 950.6,  | 1439.5, | 0.0); | ( 392160.1, |
| 3817803.8,  | 949.2,     | 1439.5, | 0.0);   |       |             |
| ( 392151.9, | 3817782.3, | 948.3,  | 1439.5, | 0.0); | ( 392143.8, |
| 3817760.9,  | 947.1,     | 1439.5, | 0.0);   |       |             |
| ( 392135.6, | 3817739.4, | 945.7,  | 1439.5, | 0.0); | ( 392127.5, |
| 3817718.0,  | 944.7,     | 1439.5, | 0.0);   |       |             |
| ( 392119.3, | 3817696.6, | 943.6,  | 1439.5, | 0.0); | ( 392111.2, |
| 3817675.1,  | 942.4,     | 1439.5, | 0.0);   |       |             |
| ( 392103.1, | 3817653.7, | 941.6,  | 1439.5, | 0.0); | ( 392094.9, |
| 3817632.3,  | 940.6,     | 1439.5, | 0.0);   |       |             |
| ( 392086.8, | 3817610.8, | 940.0,  | 1439.5, | 0.0); | ( 392078.6, |
| 3817589.4,  | 939.8,     | 1439.5, | 0.0);   |       |             |
| ( 392070.5, | 3817567.9, | 939.8,  | 1439.5, | 0.0); | ( 392062.3, |
| 3817546.5,  | 939.6,     | 1439.5, | 0.0);   |       |             |
| ( 392054.2, | 3817525.1, | 939.8,  | 1439.5, | 0.0); | ( 392046.0, |
| 3817503.6,  | 940.2,     | 1439.5, | 0.0);   |       |             |
| ( 392037.9, | 3817482.2, | 942.0,  | 1439.5, | 0.0); | ( 392029.8, |
| 3817460.8,  | 942.8,     | 1439.5, | 0.0);   |       |             |
| ( 392021.6, | 3817439.3, | 942.7,  | 1439.5, | 0.0); | ( 392013.5, |
| 3817417.9,  | 945.1,     | 1439.5, | 0.0);   |       |             |
| ( 392005.3, | 3817396.4, | 951.7,  | 1439.5, | 0.0); | ( 391997.2, |
| 3817375.0,  | 960.8,     | 1439.5, | 0.0);   |       |             |
| ( 391989.0, | 3817353.6, | 964.0,  | 1439.5, | 0.0); | ( 391980.9, |
| 3817332.1,  | 966.8,     | 1439.5, | 0.0);   |       |             |
| ( 391972.8, | 3817310.7, | 969.8,  | 1439.5, | 0.0); | ( 391964.6, |
| 3817289.3,  | 973.9,     | 1439.5, | 0.0);   |       |             |
| ( 391956.5, | 3817267.8, | 978.8,  | 1439.5, | 0.0); | ( 391948.3, |
| 3817246.4,  | 981.9,     | 1439.5, | 0.0);   |       |             |
| ( 391940.2, | 3817225.0, | 981.2,  | 1439.5, | 0.0); | ( 391932.0, |

```

3817203.5, 978.0, 1439.5, 0.0);
 (391923.9, 3817182.1, 977.0, 1439.5, 0.0); (391915.8,
3817160.6, 980.2, 1439.5, 0.0);
 (391907.6, 3817139.2, 986.2, 1439.5, 0.0); (391899.5,
3817117.8, 990.5, 1439.5, 0.0);
 (391891.3, 3817096.3, 993.5, 1439.5, 0.0); (391883.2,
3817074.9, 995.4, 1439.5, 0.0);
 (391875.0, 3817053.5, 998.5, 1439.5, 0.0); (391866.9,
3817032.0, 1004.9, 1439.5, 0.0);
 (391858.8, 3817010.6, 1012.4, 1439.5, 0.0); (391850.6,
3816989.2, 1012.1, 1439.5, 0.0);
 (391842.5, 3816967.7, 1007.0, 1439.5, 0.0); (391834.3,
3816946.3, 999.0, 1439.5, 0.0);
 (391826.2, 3816924.8, 990.6, 1439.5, 0.0); (391818.0,
3816903.4, 984.8, 1439.5, 0.0);
 (391809.9, 3816882.0, 982.2, 1439.5, 0.0); (391801.7,
3816860.5, 984.2, 1439.5, 0.0);
 (391793.6, 3816839.1, 981.9, 1439.5, 0.0); (391785.5,
3816817.7, 979.4, 1439.5, 0.0);
 (391777.3, 3816796.2, 979.0, 1439.5, 0.0); (391769.2,
3816774.8, 983.9, 1439.5, 0.0);
 (391761.0, 3816753.3, 988.5, 1034.8, 0.0); (391752.9,
3816731.9, 992.0, 1034.8, 0.0);
 (391744.7, 3816710.5, 990.4, 1034.8, 0.0); (391736.6,
3816689.0, 986.1, 1034.8, 0.0);
 (391728.5, 3816667.6, 982.6, 1034.8, 0.0); (391720.3,
3816646.2, 984.1, 1034.8, 0.0);
 (391712.2, 3816624.7, 989.1, 1034.8, 0.0); (391704.0,
3816603.3, 994.5, 1034.8, 0.0);
 (391695.9, 3816581.9, 999.8, 1034.8, 0.0); (391687.7,
3816560.4, 1001.8, 1034.8, 0.0);
 (391679.6, 3816539.0, 1002.9, 1034.8, 0.0); (391671.4,
3816517.5, 1005.1, 1034.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 350

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

 (391663.3, 3816496.1, 1006.0, 1034.8, 0.0); (391655.1,
3816474.7, 1002.2, 1034.8, 0.0);
 (391647.0, 3816453.2, 998.5, 1034.8, 0.0); (391638.9,
3816431.8, 1000.4, 1034.8, 0.0);
 (391630.7, 3816410.4, 999.1, 1034.8, 0.0); (391622.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816388.9,  | 995.5,     | 1034.8, | 0.0);   |       |             |
| ( 391614.4, | 3816367.5, | 990.3,  | 1034.8, | 0.0); | ( 391606.3, |
| 3816346.1,  | 985.7,     | 1034.8, | 0.0);   |       |             |
| ( 391598.1, | 3816324.6, | 980.9,  | 1034.8, | 0.0); | ( 391590.0, |
| 3816303.2,  | 976.2,     | 1034.8, | 0.0);   |       |             |
| ( 391581.9, | 3816281.8, | 969.3,  | 1034.8, | 0.0); | ( 394416.5, |
| 3819206.0,  | 1093.3,    | 1439.5, | 0.0);   |       |             |
| ( 394439.5, | 3819206.5, | 1090.8, | 1439.5, | 0.0); | ( 394462.6, |
| 3819206.9,  | 1088.9,    | 1439.5, | 0.0);   |       |             |
| ( 394485.6, | 3819207.3, | 1087.2, | 1439.5, | 0.0); | ( 394508.7, |
| 3819207.7,  | 1085.5,    | 1439.5, | 0.0);   |       |             |
| ( 394531.8, | 3819208.1, | 1084.3, | 1439.5, | 0.0); | ( 394554.8, |
| 3819208.5,  | 1083.8,    | 1439.5, | 0.0);   |       |             |
| ( 394577.9, | 3819209.0, | 1081.8, | 1439.5, | 0.0); | ( 393543.9, |
| 3819345.3,  | 1093.1,    | 1439.5, | 0.0);   |       |             |
| ( 393522.9, | 3819336.1, | 1094.2, | 1439.5, | 0.0); | ( 393502.0, |
| 3819326.8,  | 1094.8,    | 1439.5, | 0.0);   |       |             |
| ( 393481.0, | 3819317.6, | 1094.2, | 1439.5, | 0.0); | ( 393460.0, |
| 3819308.4,  | 1092.2,    | 1439.5, | 0.0);   |       |             |
| ( 393439.1, | 3819299.2, | 1090.2, | 1439.5, | 0.0); | ( 393418.1, |
| 3819289.9,  | 1090.8,    | 1439.5, | 0.0);   |       |             |
| ( 393397.2, | 3819280.7, | 1093.2, | 1439.5, | 0.0); | ( 393376.2, |
| 3819271.5,  | 1093.3,    | 1439.5, | 0.0);   |       |             |
| ( 393355.3, | 3819262.2, | 1092.5, | 1439.5, | 0.0); | ( 393334.3, |
| 3819253.0,  | 1093.0,    | 1439.5, | 0.0);   |       |             |
| ( 393313.3, | 3819243.8, | 1093.3, | 1439.5, | 0.0); | ( 393292.4, |
| 3819234.6,  | 1095.5,    | 1439.5, | 0.0);   |       |             |
| ( 393271.4, | 3819225.3, | 1099.7, | 1439.5, | 0.0); | ( 393250.5, |
| 3819216.1,  | 1099.9,    | 1439.5, | 0.0);   |       |             |
| ( 393229.5, | 3819206.9, | 1097.8, | 1439.5, | 0.0); | ( 393208.5, |
| 3819197.7,  | 1101.0,    | 1439.5, | 0.0);   |       |             |
| ( 393187.6, | 3819188.4, | 1104.6, | 1439.5, | 0.0); | ( 393166.6, |
| 3819179.2,  | 1104.8,    | 1439.5, | 0.0);   |       |             |
| ( 393145.7, | 3819170.0, | 1099.1, | 1439.5, | 0.0); | ( 393124.7, |
| 3819160.8,  | 1093.6,    | 1439.5, | 0.0);   |       |             |
| ( 393103.8, | 3819151.5, | 1091.9, | 1439.5, | 0.0); | ( 393082.8, |
| 3819142.3,  | 1088.9,    | 1439.5, | 0.0);   |       |             |
| ( 393061.8, | 3819133.1, | 1085.2, | 1439.5, | 0.0); | ( 393040.9, |
| 3819123.9,  | 1079.2,    | 1439.5, | 0.0);   |       |             |
| ( 393019.9, | 3819114.6, | 1071.5, | 1439.5, | 0.0); | ( 392999.0, |
| 3819105.4,  | 1062.9,    | 1439.5, | 0.0);   |       |             |
| ( 392978.0, | 3819096.2, | 1056.8, | 1439.5, | 0.0); | ( 392957.0, |
| 3819086.9,  | 1053.7,    | 1439.5, | 0.0);   |       |             |
| ( 392936.1, | 3819077.7, | 1053.0, | 1439.5, | 0.0); | ( 392915.1, |
| 3819068.5,  | 1053.8,    | 1439.5, | 0.0);   |       |             |
| ( 392894.2, | 3819059.3, | 1058.2, | 1439.5, | 0.0); | ( 392873.2, |
| 3819050.0,  | 1060.2,    | 1439.5, | 0.0);   |       |             |
| ( 392852.3, | 3819040.8, | 1060.9, | 1439.5, | 0.0); | ( 392831.3, |
| 3819031.6,  | 1061.1,    | 1439.5, | 0.0);   |       |             |
| ( 392810.3, | 3819022.4, | 1062.9, | 1439.5, | 0.0); | ( 392789.4, |

```

3819013.1, 1063.0, 1439.5, 0.0);
(392768.4, 3819003.9, 1062.7, 1439.5, 0.0); (392747.5,
3818994.7, 1062.6, 1439.5, 0.0);
(392726.5, 3818985.5, 1061.4, 1439.5, 0.0); (392705.5,
3818976.2, 1058.4, 1439.5, 0.0);
(392684.6, 3818967.0, 1054.1, 1439.5, 0.0); (392663.6,
3818957.8, 1047.6, 1439.5, 0.0);
(392642.7, 3818948.6, 1042.7, 1439.5, 0.0); (392621.7,
3818939.3, 1039.5, 1439.5, 0.0);
(392600.8, 3818930.1, 1039.1, 1439.5, 0.0); (392579.8,
3818920.9, 1039.1, 1439.5, 0.0);
(392558.8, 3818911.6, 1038.1, 1439.5, 0.0); (392537.9,
3818902.4, 1035.2, 1439.5, 0.0);
(392516.9, 3818893.2, 1031.1, 1439.5, 0.0); (392496.0,
3818884.0, 1026.2, 1439.5, 0.0);
(392475.0, 3818874.8, 1021.1, 1439.5, 0.0); (392454.0,
3818865.5, 1018.1, 1439.5, 0.0);
(392433.1, 3818856.3, 1016.8, 1439.5, 0.0); (392412.1,
3818847.1, 1014.9, 1439.5, 0.0);
(392391.2, 3818837.8, 1013.0, 1439.5, 0.0); (392370.2,
3818828.6, 1010.8, 1439.5, 0.0);
(392349.2, 3818819.4, 1009.1, 1439.5, 0.0); (392202.5,
3818754.8, 1006.8, 1439.5, 0.0);
(392181.6, 3818745.6, 1005.6, 1439.5, 0.0); (392160.6,
3818736.3, 1004.5, 1439.5, 0.0);
(392139.7, 3818727.1, 1003.4, 1439.5, 0.0); (392118.7,
3818717.9, 1002.2, 1439.5, 0.0);
(392097.8, 3818708.7, 1001.1, 1439.5, 0.0); (392076.8,
3818699.4, 1000.2, 1439.5, 0.0);
(392055.8, 3818690.2, 999.2, 1439.5, 0.0); (392034.9,
3818681.0, 998.2, 1439.5, 0.0);
(392013.9, 3818671.8, 997.3, 1439.5, 0.0); (391984.8,
3818641.1, 995.8, 1439.5, 0.0);
(391976.7, 3818619.7, 994.9, 1439.5, 0.0); (391968.6,
3818598.3, 994.1, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 351

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391960.4, 3818576.9, 993.1, 1439.5, 0.0); (391952.3,
3818555.5, 991.6, 1439.5, 0.0);
(391944.2, 3818534.1, 990.4, 1439.5, 0.0); (391936.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3818512.7,  | 989.3,     | 1439.5, | 0.0);   |       |             |
| ( 391927.9, | 3818491.3, | 989.4,  | 1439.5, | 0.0); | ( 391919.8, |
| 3818469.9,  | 991.5,     | 1439.5, | 0.0);   |       |             |
| ( 391911.6, | 3818448.5, | 994.4,  | 1439.5, | 0.0); | ( 391903.5, |
| 3818427.1,  | 997.1,     | 1439.5, | 0.0);   |       |             |
| ( 391895.4, | 3818405.7, | 998.6,  | 1439.5, | 0.0); | ( 391887.2, |
| 3818384.2,  | 1000.2,    | 1439.5, | 0.0);   |       |             |
| ( 391879.1, | 3818362.8, | 1003.0, | 1439.5, | 0.0); | ( 391871.0, |
| 3818341.4,  | 1006.6,    | 1439.5, | 0.0);   |       |             |
| ( 391862.8, | 3818320.0, | 1009.9, | 1439.5, | 0.0); | ( 391854.7, |
| 3818298.6,  | 1013.3,    | 1439.5, | 0.0);   |       |             |
| ( 391846.6, | 3818277.2, | 1015.4, | 1439.5, | 0.0); | ( 391838.4, |
| 3818255.8,  | 1016.4,    | 1439.5, | 0.0);   |       |             |
| ( 391830.3, | 3818234.4, | 1015.3, | 1439.5, | 0.0); | ( 391822.2, |
| 3818213.0,  | 1013.3,    | 1439.5, | 0.0);   |       |             |
| ( 391814.0, | 3818191.6, | 1009.9, | 1439.5, | 0.0); | ( 391805.9, |
| 3818170.2,  | 1006.2,    | 1439.5, | 0.0);   |       |             |
| ( 391797.8, | 3818148.8, | 1002.6, | 1439.5, | 0.0); | ( 391789.6, |
| 3818127.4,  | 1001.3,    | 1439.5, | 0.0);   |       |             |
| ( 391781.5, | 3818106.0, | 1000.4, | 1439.5, | 0.0); | ( 391773.4, |
| 3818084.6,  | 998.5,     | 1439.5, | 0.0);   |       |             |
| ( 391765.2, | 3818063.1, | 997.8,  | 1439.5, | 0.0); | ( 391757.1, |
| 3818041.8,  | 995.5,     | 1439.5, | 0.0);   |       |             |
| ( 391749.0, | 3818020.3, | 991.8,  | 1439.5, | 0.0); | ( 391740.8, |
| 3817998.9,  | 988.3,     | 1439.5, | 0.0);   |       |             |
| ( 391732.7, | 3817977.5, | 984.9,  | 1439.5, | 0.0); | ( 391724.6, |
| 3817956.1,  | 981.4,     | 1439.5, | 0.0);   |       |             |
| ( 391716.5, | 3817934.7, | 980.1,  | 1439.5, | 0.0); | ( 391708.3, |
| 3817913.3,  | 981.2,     | 1439.5, | 0.0);   |       |             |
| ( 391700.2, | 3817891.9, | 980.4,  | 1439.5, | 0.0); | ( 391692.1, |
| 3817870.5,  | 978.7,     | 1439.5, | 0.0);   |       |             |
| ( 391683.9, | 3817849.1, | 977.5,  | 1439.5, | 0.0); | ( 391675.8, |
| 3817827.7,  | 975.8,     | 1439.5, | 0.0);   |       |             |
| ( 391667.7, | 3817806.3, | 974.9,  | 1439.5, | 0.0); | ( 391659.5, |
| 3817784.9,  | 974.9,     | 1439.5, | 0.0);   |       |             |
| ( 391651.4, | 3817763.5, | 973.2,  | 1439.5, | 0.0); | ( 391643.3, |
| 3817742.0,  | 969.3,     | 1439.5, | 0.0);   |       |             |
| ( 391635.1, | 3817720.6, | 964.5,  | 1439.5, | 0.0); | ( 391627.0, |
| 3817699.2,  | 960.8,     | 1439.5, | 0.0);   |       |             |
| ( 391618.9, | 3817677.8, | 957.1,  | 1439.5, | 0.0); | ( 391610.7, |
| 3817656.4,  | 953.2,     | 1439.5, | 0.0);   |       |             |
| ( 391602.6, | 3817635.0, | 949.1,  | 1439.5, | 0.0); | ( 391594.5, |
| 3817613.6,  | 945.5,     | 1439.5, | 0.0);   |       |             |
| ( 391586.3, | 3817592.2, | 942.5,  | 1439.5, | 0.0); | ( 391578.2, |
| 3817570.8,  | 940.7,     | 1439.5, | 0.0);   |       |             |
| ( 391570.1, | 3817549.4, | 940.4,  | 1439.5, | 0.0); | ( 391561.9, |
| 3817528.0,  | 940.1,     | 1439.5, | 0.0);   |       |             |
| ( 391553.8, | 3817506.6, | 939.7,  | 1439.5, | 0.0); | ( 391545.7, |
| 3817485.2,  | 936.3,     | 1439.5, | 0.0);   |       |             |
| ( 391537.5, | 3817463.8, | 932.3,  | 1439.5, | 0.0); | ( 391529.4, |

```

3817442.4, 928.7, 1439.5, 0.0);
 (391521.3, 3817420.9, 926.3, 1439.5, 0.0); (391513.1,
3817399.5, 925.0, 1439.5, 0.0);
 (391505.0, 3817378.1, 924.3, 1439.5, 0.0); (391496.9,
3817356.7, 925.2, 1439.5, 0.0);
 (391488.8, 3817335.3, 927.1, 1439.5, 0.0); (391480.6,
3817313.9, 928.7, 1439.5, 0.0);
 (391472.5, 3817292.5, 927.5, 1439.5, 0.0); (391464.3,
3817271.1, 923.1, 1439.5, 0.0);
 (391456.2, 3817249.7, 918.2, 1439.5, 0.0); (391448.1,
3817228.3, 914.4, 1439.5, 0.0);
 (391440.0, 3817206.9, 911.8, 1439.5, 0.0); (391431.8,
3817185.5, 909.2, 1439.5, 0.0);
 (391423.7, 3817164.1, 907.0, 1439.5, 0.0); (391415.6,
3817142.7, 906.2, 1439.5, 0.0);
 (391407.4, 3817121.3, 905.8, 1439.5, 0.0); (391399.3,
3817099.8, 906.0, 1439.5, 0.0);
 (391391.2, 3817078.4, 907.6, 1439.5, 0.0); (391383.0,
3817057.0, 910.1, 1439.5, 0.0);
 (391374.9, 3817035.6, 912.3, 1439.5, 0.0); (391366.8,
3817014.2, 914.0, 1439.5, 0.0);
 (391358.6, 3816992.8, 915.4, 1439.5, 0.0); (391350.5,
3816971.4, 916.8, 1439.5, 0.0);
 (391342.4, 3816950.0, 918.0, 1439.5, 0.0); (391334.2,
3816928.6, 918.7, 1439.5, 0.0);
 (391326.1, 3816907.2, 917.8, 1439.5, 0.0); (391318.0,
3816885.8, 916.2, 1439.5, 0.0);
 (391309.8, 3816864.4, 914.4, 1439.5, 0.0); (391301.7,
3816843.0, 912.5, 1439.5, 0.0);
 (391293.6, 3816821.6, 910.9, 1439.5, 0.0); (391285.4,
3816800.1, 909.7, 1439.5, 0.0);
 (391277.3, 3816778.8, 909.2, 1439.5, 0.0); (391269.2,
3816757.3, 908.6, 1439.5, 0.0);
 (391261.0, 3816735.9, 907.7, 1439.5, 0.0); (391252.9,
3816714.5, 906.4, 1439.5, 0.0);
 (391244.8, 3816693.1, 904.4, 1439.5, 0.0); (391236.6,
3816671.7, 902.5, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 352

\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    RURAL    ADJ\_U\*    BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391228.5, 3816650.3, 900.4, 1439.5, 0.0); (391220.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816628.9,  | 898.6,     | 1439.5, | 0.0);   |       |             |
| ( 391212.2, | 3816607.5, | 896.7,  | 1439.5, | 0.0); | ( 391204.1, |
| 3816586.1,  | 894.3,     | 1439.5, | 0.0);   |       |             |
| ( 391196.0, | 3816564.7, | 892.8,  | 1439.5, | 0.0); | ( 391187.8, |
| 3816543.3,  | 891.5,     | 1439.5, | 0.0);   |       |             |
| ( 391179.7, | 3816521.9, | 890.6,  | 1439.5, | 0.0); | ( 391171.6, |
| 3816500.5,  | 891.4,     | 1439.5, | 0.0);   |       |             |
| ( 391163.5, | 3816479.0, | 892.6,  | 1439.5, | 0.0); | ( 391155.3, |
| 3816457.6,  | 893.4,     | 1439.5, | 0.0);   |       |             |
| ( 391147.2, | 3816436.2, | 893.5,  | 1439.5, | 0.0); | ( 391139.0, |
| 3816414.8,  | 891.7,     | 1439.5, | 0.0);   |       |             |
| ( 391130.9, | 3816393.4, | 889.6,  | 1439.5, | 0.0); | ( 391122.8, |
| 3816372.0,  | 887.7,     | 1439.5, | 0.0);   |       |             |
| ( 391114.7, | 3816350.6, | 886.2,  | 1439.5, | 0.0); | ( 391106.5, |
| 3816329.2,  | 887.0,     | 1439.5, | 0.0);   |       |             |
| ( 391098.4, | 3816307.8, | 890.8,  | 1439.5, | 0.0); | ( 391090.3, |
| 3816286.4,  | 897.0,     | 1439.5, | 0.0);   |       |             |
| ( 391082.1, | 3816265.0, | 903.1,  | 1439.5, | 0.0); | ( 394407.4, |
| 3819706.0,  | 1141.4,    | 1439.5, | 0.0);   |       |             |
| ( 394430.4, | 3819706.4, | 1135.9, | 1439.5, | 0.0); | ( 394453.5, |
| 3819706.8,  | 1131.7,    | 1439.5, | 0.0);   |       |             |
| ( 394476.6, | 3819707.2, | 1128.0, | 1439.5, | 0.0); | ( 394499.6, |
| 3819707.6,  | 1124.5,    | 1439.5, | 0.0);   |       |             |
| ( 394522.7, | 3819708.0, | 1121.0, | 1439.5, | 0.0); | ( 394545.7, |
| 3819708.5,  | 1117.6,    | 1439.5, | 0.0);   |       |             |
| ( 394568.8, | 3819708.9, | 1114.5, | 1439.5, | 0.0); | ( 393381.6, |
| 3819777.8,  | 1148.5,    | 1439.5, | 0.0);   |       |             |
| ( 393360.5, | 3819768.5, | 1140.7, | 1439.5, | 0.0); | ( 393339.4, |
| 3819759.2,  | 1133.9,    | 1439.5, | 0.0);   |       |             |
| ( 393318.3, | 3819749.9, | 1127.1, | 1439.5, | 0.0); | ( 393297.2, |
| 3819740.6,  | 1121.9,    | 1439.5, | 0.0);   |       |             |
| ( 393276.1, | 3819731.3, | 1119.2, | 1439.5, | 0.0); | ( 393255.0, |
| 3819722.0,  | 1120.6,    | 1439.5, | 0.0);   |       |             |
| ( 393233.9, | 3819712.8, | 1122.8, | 1439.5, | 0.0); | ( 393212.8, |
| 3819703.5,  | 1125.2,    | 1439.5, | 0.0);   |       |             |
| ( 393191.7, | 3819694.2, | 1127.6, | 1439.5, | 0.0); | ( 393170.6, |
| 3819684.9,  | 1129.8,    | 1439.5, | 0.0);   |       |             |
| ( 393149.5, | 3819675.6, | 1132.7, | 1439.5, | 0.0); | ( 393128.4, |
| 3819666.3,  | 1137.1,    | 1439.5, | 0.0);   |       |             |
| ( 393107.3, | 3819657.0, | 1137.5, | 1439.5, | 0.0); | ( 393086.2, |
| 3819647.7,  | 1134.9,    | 1439.5, | 0.0);   |       |             |
| ( 393065.1, | 3819638.4, | 1130.2, | 1439.5, | 0.0); | ( 393044.0, |
| 3819629.2,  | 1124.8,    | 1439.5, | 0.0);   |       |             |
| ( 393022.9, | 3819619.9, | 1119.3, | 1439.5, | 0.0); | ( 393001.8, |
| 3819610.6,  | 1112.5,    | 1439.5, | 0.0);   |       |             |
| ( 392980.7, | 3819601.3, | 1105.4, | 1439.5, | 0.0); | ( 392959.6, |
| 3819592.0,  | 1099.3,    | 1439.5, | 0.0);   |       |             |
| ( 392938.5, | 3819582.7, | 1094.5, | 1439.5, | 0.0); | ( 392917.4, |
| 3819573.4,  | 1091.0,    | 1439.5, | 0.0);   |       |             |
| ( 392896.3, | 3819564.1, | 1088.3, | 1439.5, | 0.0); | ( 392875.2, |

```

3819554.9, 1086.0, 1439.5, 0.0);
(392854.1, 3819545.6, 1084.0, 1439.5, 0.0); (392833.0,
3819536.3, 1082.2, 1439.5, 0.0);
(392812.0, 3819527.0, 1080.5, 1439.5, 0.0); (392790.8,
3819517.7, 1078.9, 1439.5, 0.0);
(392769.8, 3819508.4, 1077.2, 1439.5, 0.0); (392748.6,
3819499.1, 1075.3, 1439.5, 0.0);
(392727.5, 3819489.8, 1073.4, 1439.5, 0.0); (392706.5,
3819480.5, 1071.4, 1439.5, 0.0);
(392685.3, 3819471.3, 1069.4, 1439.5, 0.0); (392664.2,
3819462.0, 1067.2, 1439.5, 0.0);
(392643.2, 3819452.7, 1065.1, 1439.5, 0.0); (392622.1,
3819443.4, 1061.0, 1439.5, 0.0);
(392601.0, 3819434.1, 1057.3, 1439.5, 0.0); (392579.9,
3819424.8, 1054.8, 1439.5, 0.0);
(392558.8, 3819415.5, 1053.6, 1439.5, 0.0); (392537.7,
3819406.2, 1053.1, 1439.5, 0.0);
(392516.6, 3819397.0, 1054.6, 1439.5, 0.0); (392495.5,
3819387.7, 1054.6, 1439.5, 0.0);
(392474.4, 3819378.4, 1054.2, 1439.5, 0.0); (392453.3,
3819369.1, 1053.2, 1439.5, 0.0);
(392432.2, 3819359.8, 1051.5, 1439.5, 0.0); (392411.1,
3819350.5, 1049.8, 1439.5, 0.0);
(392390.0, 3819341.2, 1047.1, 1439.5, 0.0); (392368.9,
3819331.9, 1043.1, 1439.5, 0.0);
(392347.8, 3819322.6, 1039.4, 1439.5, 0.0); (392326.7,
3819313.4, 1036.3, 1439.5, 0.0);
(392305.6, 3819304.1, 1034.2, 1439.5, 0.0); (392284.5,
3819294.8, 1032.7, 1439.5, 0.0);
(392263.4, 3819285.5, 1031.7, 1439.5, 0.0); (392242.3,
3819276.2, 1031.1, 1439.5, 0.0);
(392221.2, 3819266.9, 1030.3, 1439.5, 0.0); (392200.1,
3819257.6, 1029.2, 1439.5, 0.0);
(392179.0, 3819248.3, 1027.8, 1524.6, 0.0); (392157.9,
3819239.1, 1026.5, 1525.3, 0.0);
(392136.8, 3819229.8, 1024.9, 1525.3, 0.0); (392115.7,
3819220.5, 1022.3, 1529.1, 0.0);
(392094.6, 3819211.2, 1019.4, 1529.1, 0.0); (392073.5,
3819201.9, 1017.4, 1586.3, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 353

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)



|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 392052.4, 3819192.6, 1016.6, 1586.8, | 0.0); | ( 392031.3, |
| 3819183.3, 1015.6, 1586.8, 0.0);       |       |             |
| ( 392010.2, 3819174.0, 1017.4, 1586.8, | 0.0); | ( 391989.1, |
| 3819164.8, 1021.2, 1586.3, 0.0);       |       |             |
| ( 391968.0, 3819155.5, 1025.8, 1529.1, | 0.0); | ( 391946.9, |
| 3819146.2, 1028.8, 1525.3, 0.0);       |       |             |
| ( 391925.8, 3819136.9, 1029.8, 1525.3, | 0.0); | ( 391841.4, |
| 3819099.7, 1019.9, 1586.8, 0.0);       |       |             |
| ( 391820.3, 3819090.4, 1020.3, 1586.8, | 0.0); | ( 391799.2, |
| 3819081.2, 1020.3, 1586.8, 0.0);       |       |             |
| ( 391778.1, 3819071.9, 1019.4, 1586.8, | 0.0); | ( 391757.0, |
| 3819062.6, 1018.3, 1586.8, 0.0);       |       |             |
| ( 391735.9, 3819053.3, 1016.5, 1586.8, | 0.0); | ( 391714.8, |
| 3819044.0, 1013.6, 1586.8, 0.0);       |       |             |
| ( 391693.7, 3819034.7, 1010.5, 1586.8, | 0.0); | ( 391672.6, |
| 3819025.4, 1008.0, 1586.8, 0.0);       |       |             |
| ( 391651.5, 3819016.1, 1005.6, 1586.8, | 0.0); | ( 391622.2, |
| 3818985.3, 1001.6, 1586.8, 0.0);       |       |             |
| ( 391614.0, 3818963.8, 1000.5, 1586.8, | 0.0); | ( 391605.8, |
| 3818942.2, 998.9, 1586.8, 0.0);        |       |             |
| ( 391597.6, 3818920.6, 996.8, 1586.8,  | 0.0); | ( 391589.5, |
| 3818899.1, 994.5, 1586.8, 0.0);        |       |             |
| ( 391581.3, 3818877.5, 992.7, 1586.8,  | 0.0); | ( 391573.1, |
| 3818856.0, 990.8, 1586.8, 0.0);        |       |             |
| ( 391564.9, 3818834.4, 989.2, 1586.8,  | 0.0); | ( 391556.7, |
| 3818812.9, 987.6, 1586.8, 0.0);        |       |             |
| ( 391548.5, 3818791.3, 985.8, 1586.8,  | 0.0); | ( 391540.3, |
| 3818769.8, 984.2, 1586.8, 0.0);        |       |             |
| ( 391532.1, 3818748.2, 982.4, 1586.8,  | 0.0); | ( 391524.0, |
| 3818726.7, 980.8, 1586.8, 0.0);        |       |             |
| ( 391515.8, 3818705.1, 979.1, 1586.8,  | 0.0); | ( 391507.6, |
| 3818683.6, 977.5, 1586.8, 0.0);        |       |             |
| ( 391499.4, 3818662.0, 976.1, 1586.8,  | 0.0); | ( 391491.2, |
| 3818640.5, 974.9, 1586.8, 0.0);        |       |             |
| ( 391483.0, 3818618.9, 973.9, 1586.8,  | 0.0); | ( 391474.8, |
| 3818597.4, 974.0, 1586.8, 0.0);        |       |             |
| ( 391466.6, 3818575.8, 974.3, 1586.8,  | 0.0); | ( 391458.5, |
| 3818554.3, 974.2, 1586.8, 0.0);        |       |             |
| ( 391450.3, 3818532.7, 975.1, 1586.8,  | 0.0); | ( 391442.1, |
| 3818511.2, 975.3, 1586.8, 0.0);        |       |             |
| ( 391433.9, 3818489.6, 974.6, 1586.8,  | 0.0); | ( 391425.7, |
| 3818468.1, 973.3, 1586.8, 0.0);        |       |             |
| ( 391417.5, 3818446.5, 971.8, 1586.8,  | 0.0); | ( 391409.3, |
| 3818425.0, 970.0, 1586.8, 0.0);        |       |             |
| ( 391401.2, 3818403.4, 968.5, 1586.8,  | 0.0); | ( 391393.0, |
| 3818381.9, 967.3, 1586.8, 0.0);        |       |             |
| ( 391384.8, 3818360.3, 965.9, 1586.8,  | 0.0); | ( 391376.6, |
| 3818338.8, 964.1, 1586.8, 0.0);        |       |             |
| ( 391368.4, 3818317.2, 962.0, 1586.8,  | 0.0); | ( 391360.2, |

```

3818295.7, 959.8, 1586.8, 0.0);
 (391352.0, 3818274.1, 957.3, 1586.8, 0.0); (391343.8,
3818252.6, 955.3, 1586.8, 0.0);
 (391335.7, 3818231.0, 953.8, 1586.8, 0.0); (391327.5,
3818209.5, 952.5, 1586.8, 0.0);
 (391319.3, 3818187.9, 951.8, 1586.8, 0.0); (391311.1,
3818166.4, 950.7, 1586.8, 0.0);
 (391302.9, 3818144.8, 949.7, 1586.8, 0.0); (391294.7,
3818123.3, 948.6, 1586.8, 0.0);
 (391286.5, 3818101.7, 947.5, 1586.8, 0.0); (391278.3,
3818080.2, 946.4, 1586.8, 0.0);
 (391270.2, 3818058.6, 945.3, 1586.8, 0.0); (391262.0,
3818037.1, 944.2, 1586.8, 0.0);
 (391253.8, 3818015.5, 942.8, 1586.8, 0.0); (391245.6,
3817994.0, 940.8, 1586.8, 0.0);
 (391237.4, 3817972.4, 938.0, 1586.8, 0.0); (391229.2,
3817950.9, 936.3, 1586.8, 0.0);
 (391221.0, 3817929.3, 936.2, 1586.8, 0.0); (391212.9,
3817907.8, 936.9, 1586.8, 0.0);
 (391204.7, 3817886.2, 936.2, 1586.8, 0.0); (391196.5,
3817864.7, 936.4, 1586.8, 0.0);
 (391188.3, 3817843.1, 938.0, 1586.8, 0.0); (391180.1,
3817821.6, 940.7, 1586.8, 0.0);
 (391171.9, 3817800.0, 944.1, 1586.8, 0.0); (391163.7,
3817778.5, 948.5, 1586.8, 0.0);
 (391155.5, 3817756.9, 953.9, 1439.5, 0.0); (391147.4,
3817735.4, 958.4, 1439.5, 0.0);
 (391139.2, 3817713.8, 958.0, 1439.5, 0.0); (391131.0,
3817692.3, 953.5, 1439.5, 0.0);
 (391122.8, 3817670.7, 946.5, 1439.5, 0.0); (391114.6,
3817649.2, 941.1, 1586.3, 0.0);
 (391106.4, 3817627.6, 937.3, 1586.8, 0.0); (391098.2,
3817606.1, 935.1, 1586.8, 0.0);
 (391090.0, 3817584.5, 931.7, 1586.8, 0.0); (391081.9,
3817563.0, 928.2, 1586.8, 0.0);
 (391073.7, 3817541.4, 925.2, 1586.8, 0.0); (391065.5,
3817519.9, 923.2, 1586.8, 0.0);
 (391057.3, 3817498.3, 921.8, 1586.8, 0.0); (391049.1,
3817476.8, 920.2, 1586.8, 0.0);
 (391040.9, 3817455.2, 918.4, 1586.8, 0.0); (391032.8,
3817433.7, 918.6, 1586.8, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 354

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 391024.6, 3817412.1, 919.6, 1586.8, 0.0); | ( 391016.4, |
| 3817390.6, 919.5, 1586.8, 0.0);             |             |
| ( 391008.2, 3817369.0, 918.7, 1586.3, 0.0); | ( 391000.0, |
| 3817347.5, 917.5, 1586.3, 0.0);             |             |
| ( 390991.8, 3817325.9, 915.7, 1586.3, 0.0); | ( 390983.6, |
| 3817304.4, 914.1, 1586.3, 0.0);             |             |
| ( 390975.4, 3817282.8, 912.7, 1586.3, 0.0); | ( 390967.2, |
| 3817261.3, 910.9, 1586.3, 0.0);             |             |
| ( 390959.1, 3817239.7, 908.8, 1586.3, 0.0); | ( 390950.9, |
| 3817218.2, 908.1, 1586.3, 0.0);             |             |
| ( 390942.7, 3817196.6, 907.4, 1439.5, 0.0); | ( 390934.5, |
| 3817175.1, 905.9, 1439.5, 0.0);             |             |
| ( 390926.3, 3817153.5, 903.7, 1586.3, 0.0); | ( 390918.1, |
| 3817132.0, 900.9, 1586.3, 0.0);             |             |
| ( 390909.9, 3817110.4, 898.2, 1586.8, 0.0); | ( 390901.8, |
| 3817088.9, 895.8, 1586.8, 0.0);             |             |
| ( 390893.6, 3817067.3, 893.1, 1586.8, 0.0); | ( 390885.4, |
| 3817045.8, 891.1, 1586.8, 0.0);             |             |
| ( 390877.2, 3817024.2, 890.2, 1586.8, 0.0); | ( 390869.0, |
| 3817002.7, 889.0, 1586.8, 0.0);             |             |
| ( 390860.8, 3816981.1, 887.4, 1586.8, 0.0); | ( 390852.6, |
| 3816959.6, 885.5, 1586.8, 0.0);             |             |
| ( 390844.5, 3816938.0, 883.8, 1586.8, 0.0); | ( 390836.3, |
| 3816916.5, 882.3, 1586.8, 0.0);             |             |
| ( 390828.1, 3816894.9, 881.6, 1586.3, 0.0); | ( 390819.9, |
| 3816873.4, 880.9, 1586.3, 0.0);             |             |
| ( 390811.7, 3816851.8, 880.5, 1439.5, 0.0); | ( 390803.5, |
| 3816830.3, 880.2, 1439.5, 0.0);             |             |
| ( 390795.3, 3816808.7, 880.1, 1439.5, 0.0); | ( 390787.1, |
| 3816787.2, 880.7, 1439.5, 0.0);             |             |
| ( 390779.0, 3816765.6, 880.1, 1439.5, 0.0); | ( 390770.8, |
| 3816744.1, 877.2, 1439.5, 0.0);             |             |
| ( 390762.6, 3816722.5, 875.4, 1439.5, 0.0); | ( 390754.4, |
| 3816701.0, 874.1, 1439.5, 0.0);             |             |
| ( 390746.2, 3816679.4, 873.5, 1439.5, 0.0); | ( 390738.0, |
| 3816657.9, 872.9, 1439.5, 0.0);             |             |
| ( 390729.8, 3816636.3, 873.0, 1439.5, 0.0); | ( 390721.6, |
| 3816614.8, 873.3, 1439.5, 0.0);             |             |
| ( 390713.5, 3816593.2, 873.7, 1439.5, 0.0); | ( 390705.3, |
| 3816571.7, 873.1, 1439.5, 0.0);             |             |
| ( 390697.1, 3816550.1, 872.5, 1439.5, 0.0); | ( 390688.9, |
| 3816528.5, 871.8, 1439.5, 0.0);             |             |
| ( 390680.7, 3816507.0, 871.1, 1439.5, 0.0); | ( 390672.5, |
| 3816485.4, 870.4, 1439.5, 0.0);             |             |
| ( 390664.3, 3816463.9, 869.7, 1439.5, 0.0); | ( 390656.1, |
| 3816442.3, 869.1, 1439.5, 0.0);             |             |
| ( 390648.0, 3816420.8, 868.4, 1439.5, 0.0); | ( 390639.8, |

```

3816399.2, 867.7, 1439.5, 0.0);
(390631.6, 3816377.7, 867.0, 1439.5, 0.0); (390623.4,
3816356.1, 866.3, 1439.5, 0.0);
(390615.2, 3816334.6, 865.8, 1439.5, 0.0); (390607.0,
3816313.0, 865.2, 1439.5, 0.0);
(390598.8, 3816291.5, 864.6, 1937.2, 0.0); (390590.6,
3816269.9, 864.0, 1937.2, 0.0);
(390582.5, 3816248.4, 863.3, 1937.2, 0.0); (394398.3,
3820205.9, 1141.3, 1439.5, 0.0);
(394421.4, 3820206.3, 1140.8, 1439.5, 0.0); (394444.4,
3820206.7, 1140.2, 1439.5, 0.0);
(394467.5, 3820207.1, 1139.3, 1439.5, 0.0); (394490.5,
3820207.5, 1137.9, 1439.5, 0.0);
(394513.6, 3820208.0, 1136.4, 1439.5, 0.0); (394536.6,
3820208.4, 1135.4, 1439.5, 0.0);
(394559.7, 3820208.8, 1134.2, 1439.5, 0.0); (393232.9,
3821056.1, 1408.5, 1439.5, 0.0);
(393211.8, 3821046.8, 1419.6, 1439.5, 0.0); (393190.7,
3821037.5, 1429.0, 1439.5, 0.0);
(393169.7, 3821028.2, 1434.1, 1439.5, 0.0); (393148.6,
3821019.0, 1433.4, 1439.5, 0.0);
(393127.6, 3821009.7, 1428.4, 1439.5, 0.0); (393106.5,
3821000.4, 1421.1, 1439.5, 0.0);
(393085.4, 3820991.2, 1412.3, 1439.5, 0.0); (393064.4,
3820981.9, 1402.7, 1439.5, 0.0);
(393043.3, 3820972.6, 1392.7, 1439.5, 0.0); (393022.3,
3820963.3, 1382.2, 1439.5, 0.0);
(393001.2, 3820954.1, 1371.5, 1439.5, 0.0); (392980.1,
3820944.8, 1361.1, 1439.5, 0.0);
(392959.1, 3820935.5, 1350.6, 1439.5, 0.0); (392938.0,
3820926.3, 1340.5, 1439.5, 0.0);
(392917.0, 3820917.0, 1331.3, 1439.5, 0.0); (392895.9,
3820907.7, 1323.1, 1439.5, 0.0);
(392874.8, 3820898.5, 1314.8, 1439.5, 0.0); (392853.8,
3820889.2, 1306.2, 1439.5, 0.0);
(392832.7, 3820879.9, 1299.3, 1439.5, 0.0); (392811.7,
3820870.6, 1300.2, 1439.5, 0.0);
(392790.6, 3820861.4, 1302.2, 1439.5, 0.0); (392769.5,
3820852.1, 1303.7, 1439.5, 0.0);
(392622.1, 3820787.2, 1284.1, 1439.5, 0.0); (392601.1,
3820777.9, 1275.1, 1439.5, 0.0);
(392580.0, 3820768.7, 1266.0, 1439.5, 0.0); (392559.0,
3820759.4, 1262.9, 1439.5, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 355

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 392537.9, 3820750.1, 1267.6, 1439.5, | 0.0); | ( 392516.8, |
| 3820740.8, 1274.5, 1439.5, 0.0);       |       |             |
| ( 392495.8, 3820731.6, 1280.9, 1439.5, | 0.0); | ( 392474.7, |
| 3820722.3, 1287.1, 1439.5, 0.0);       |       |             |
| ( 392453.6, 3820713.0, 1293.4, 1439.5, | 0.0); | ( 392432.6, |
| 3820703.8, 1301.1, 1439.5, 0.0);       |       |             |
| ( 392411.5, 3820694.5, 1310.0, 1439.5, | 0.0); | ( 392390.5, |
| 3820685.2, 1319.1, 1439.5, 0.0);       |       |             |
| ( 392369.4, 3820675.9, 1327.6, 1439.5, | 0.0); | ( 392348.3, |
| 3820666.7, 1334.9, 1439.5, 0.0);       |       |             |
| ( 392327.3, 3820657.4, 1338.7, 1439.5, | 0.0); | ( 392306.2, |
| 3820648.1, 1339.3, 1439.5, 0.0);       |       |             |
| ( 392285.2, 3820638.9, 1337.3, 1439.5, | 0.0); | ( 392264.1, |
| 3820629.6, 1333.3, 1439.5, 0.0);       |       |             |
| ( 392243.0, 3820620.3, 1327.7, 1439.5, | 0.0); | ( 392222.0, |
| 3820611.1, 1320.6, 1439.5, 0.0);       |       |             |
| ( 392200.9, 3820601.8, 1312.6, 1439.5, | 0.0); | ( 392179.9, |
| 3820592.5, 1304.8, 1439.5, 0.0);       |       |             |
| ( 392158.8, 3820583.2, 1300.6, 1439.5, | 0.0); | ( 392137.8, |
| 3820574.0, 1300.7, 1439.5, 0.0);       |       |             |
| ( 392116.7, 3820564.7, 1299.5, 1439.5, | 0.0); | ( 392095.6, |
| 3820555.4, 1291.3, 1439.5, 0.0);       |       |             |
| ( 392074.6, 3820546.2, 1280.5, 1439.5, | 0.0); | ( 392053.5, |
| 3820536.9, 1267.2, 1439.5, 0.0);       |       |             |
| ( 392032.5, 3820527.6, 1253.9, 1439.5, | 0.0); | ( 392011.4, |
| 3820518.3, 1244.2, 1439.5, 0.0);       |       |             |
| ( 391990.3, 3820509.1, 1242.0, 1439.5, | 0.0); | ( 391969.3, |
| 3820499.8, 1239.7, 1439.5, 0.0);       |       |             |
| ( 391948.2, 3820490.5, 1235.8, 1439.5, | 0.0); | ( 391927.1, |
| 3820481.3, 1231.1, 1439.5, 0.0);       |       |             |
| ( 391906.1, 3820472.0, 1227.0, 1439.5, | 0.0); | ( 391885.0, |
| 3820462.7, 1223.9, 1439.5, 0.0);       |       |             |
| ( 391864.0, 3820453.4, 1216.9, 1439.5, | 0.0); | ( 391842.9, |
| 3820444.2, 1207.5, 1439.5, 0.0);       |       |             |
| ( 391821.8, 3820434.9, 1197.8, 1439.5, | 0.0); | ( 391800.8, |
| 3820425.6, 1189.8, 1439.5, 0.0);       |       |             |
| ( 391779.7, 3820416.4, 1183.6, 1439.5, | 0.0); | ( 391758.7, |
| 3820407.1, 1177.2, 1439.5, 0.0);       |       |             |
| ( 391737.6, 3820397.8, 1174.4, 1439.5, | 0.0); | ( 391716.5, |
| 3820388.6, 1168.7, 1439.5, 0.0);       |       |             |
| ( 391695.5, 3820379.3, 1161.0, 1439.5, | 0.0); | ( 391674.4, |
| 3820370.0, 1152.1, 1439.5, 0.0);       |       |             |
| ( 391653.4, 3820360.7, 1144.0, 1525.3, | 0.0); | ( 391632.3, |
| 3820351.5, 1136.9, 1529.1, 0.0);       |       |             |
| ( 391611.2, 3820342.2, 1132.2, 1586.3, | 0.0); | ( 391590.2, |

```

3820332.9, 1128.2, 1586.8, 0.0);
(391569.1, 3820323.7, 1124.8, 1586.8, 0.0); (391548.1,
3820314.4, 1123.2, 1586.8, 0.0);
(391527.0, 3820305.1, 1123.7, 1586.8, 0.0); (391506.0,
3820295.8, 1122.7, 1586.8, 0.0);
(391484.9, 3820286.6, 1122.4, 1586.8, 0.0); (391463.8,
3820277.3, 1121.9, 1586.8, 0.0);
(391442.8, 3820268.0, 1120.8, 1586.8, 0.0); (391421.7,
3820258.8, 1119.6, 1586.8, 0.0);
(391400.7, 3820249.5, 1117.4, 1586.8, 0.0); (391379.6,
3820240.2, 1111.6, 1586.8, 0.0);
(391358.5, 3820230.9, 1105.5, 1586.8, 0.0); (391337.5,
3820221.7, 1098.7, 1586.8, 0.0);
(391316.4, 3820212.4, 1090.2, 1586.8, 0.0); (391295.4,
3820203.1, 1082.1, 1587.8, 0.0);
(391274.3, 3820193.9, 1075.7, 1587.8, 0.0); (391253.2,
3820184.6, 1070.0, 1588.1, 0.0);
(391232.2, 3820175.3, 1064.3, 1588.1, 0.0); (391211.1,
3820166.0, 1059.5, 1590.0, 0.0);
(391190.1, 3820156.8, 1055.9, 1590.0, 0.0); (391169.0,
3820147.5, 1053.7, 1590.0, 0.0);
(391147.9, 3820138.2, 1052.1, 1590.1, 0.0); (391126.9,
3820129.0, 1050.2, 1590.1, 0.0);
(391105.8, 3820119.7, 1048.2, 1590.1, 0.0); (391084.8,
3820110.4, 1046.2, 1590.1, 0.0);
(391063.7, 3820101.2, 1044.2, 1590.1, 0.0); (391042.6,
3820091.9, 1042.3, 1590.1, 0.0);
(391021.6, 3820082.6, 1040.6, 1590.1, 0.0); (391000.5,
3820073.3, 1039.2, 1590.1, 0.0);
(390979.5, 3820064.1, 1037.6, 1590.1, 0.0); (390895.2,
3820027.0, 1029.7, 1590.1, 0.0);
(390874.2, 3820017.7, 1027.7, 1590.1, 0.0); (390853.1,
3820008.4, 1025.9, 1590.1, 0.0);
(390832.0, 3819999.2, 1025.0, 1590.1, 0.0); (390811.0,
3819989.9, 1024.4, 1590.1, 0.0);
(390789.9, 3819980.6, 1024.6, 1590.1, 0.0); (390768.9,
3819971.4, 1024.3, 1590.1, 0.0);
(390747.8, 3819962.1, 1023.6, 1590.1, 0.0); (390726.7,
3819952.8, 1022.2, 1590.1, 0.0);
(390705.7, 3819943.5, 1019.9, 1590.1, 0.0); (390684.6,
3819934.3, 1016.1, 1590.1, 0.0);
(390655.4, 3819903.5, 1011.9, 1590.1, 0.0); (390647.2,
3819882.0, 1011.4, 1590.1, 0.0);
(390639.0, 3819860.5, 1011.7, 1590.1, 0.0); (390630.9,
3819839.0, 1013.0, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 390622.7, 3819817.5, 1013.8, 1590.1, 0.0); | ( 390614.5, |
| 3819795.9, 1013.7, 1590.1, 0.0);             |             |
| ( 390606.4, 3819774.4, 1012.9, 1590.1, 0.0); | ( 390598.2, |
| 3819752.9, 1011.6, 1590.1, 0.0);             |             |
| ( 390590.0, 3819731.4, 1010.2, 1590.1, 0.0); | ( 390581.8, |
| 3819709.9, 1009.1, 1590.1, 0.0);             |             |
| ( 390573.7, 3819688.4, 1008.0, 1590.1, 0.0); | ( 390565.5, |
| 3819666.9, 1006.9, 1590.1, 0.0);             |             |
| ( 390557.3, 3819645.4, 1005.7, 1590.1, 0.0); | ( 390549.2, |
| 3819623.9, 1004.5, 1590.1, 0.0);             |             |
| ( 390541.0, 3819602.4, 1003.3, 1590.1, 0.0); | ( 390532.8, |
| 3819580.8, 1002.1, 1590.1, 0.0);             |             |
| ( 390524.6, 3819559.3, 1000.9, 1590.1, 0.0); | ( 390516.5, |
| 3819537.8, 999.6, 1590.1, 0.0);              |             |
| ( 390508.3, 3819516.3, 998.3, 1590.1, 0.0);  | ( 390500.1, |
| 3819494.8, 996.9, 1590.1, 0.0);              |             |
| ( 390492.0, 3819473.3, 995.5, 1590.1, 0.0);  | ( 390483.8, |
| 3819451.8, 994.2, 1590.1, 0.0);              |             |
| ( 390475.6, 3819430.3, 992.8, 1590.1, 0.0);  | ( 390467.4, |
| 3819408.8, 991.4, 1590.1, 0.0);              |             |
| ( 390459.3, 3819387.3, 990.0, 1590.1, 0.0);  | ( 390451.1, |
| 3819365.8, 988.6, 1590.1, 0.0);              |             |
| ( 390442.9, 3819344.2, 987.2, 1590.1, 0.0);  | ( 390434.8, |
| 3819322.7, 986.0, 1590.1, 0.0);              |             |
| ( 390426.6, 3819301.2, 984.8, 1590.1, 0.0);  | ( 390418.4, |
| 3819279.7, 983.6, 1590.1, 0.0);              |             |
| ( 390410.2, 3819258.2, 982.4, 1590.1, 0.0);  | ( 390402.1, |
| 3819236.7, 981.2, 1590.1, 0.0);              |             |
| ( 390393.9, 3819215.2, 979.9, 1590.1, 0.0);  | ( 390385.7, |
| 3819193.7, 978.7, 1590.1, 0.0);              |             |
| ( 390377.5, 3819172.1, 977.4, 1590.1, 0.0);  | ( 390369.4, |
| 3819150.6, 976.1, 1590.1, 0.0);              |             |
| ( 390361.2, 3819129.1, 974.9, 1590.1, 0.0);  | ( 390353.0, |
| 3819107.6, 973.8, 1590.1, 0.0);              |             |
| ( 390344.9, 3819086.1, 972.6, 1590.1, 0.0);  | ( 390336.7, |
| 3819064.6, 971.4, 1590.1, 0.0);              |             |
| ( 390328.5, 3819043.1, 970.4, 1590.1, 0.0);  | ( 390320.3, |
| 3819021.6, 969.3, 1590.1, 0.0);              |             |
| ( 390312.2, 3819000.1, 968.2, 1590.1, 0.0);  | ( 390304.0, |
| 3818978.6, 967.4, 1590.1, 0.0);              |             |
| ( 390295.8, 3818957.0, 966.7, 1590.1, 0.0);  | ( 390287.7, |
| 3818935.5, 966.3, 1590.1, 0.0);              |             |
| ( 390279.5, 3818914.0, 966.6, 1590.1, 0.0);  | ( 390271.3, |

```

3818892.5, 965.8, 1590.1, 0.0);
 (390263.1, 3818871.0, 964.0, 1590.1, 0.0); (390255.0,
3818849.5, 962.5, 1590.1, 0.0);
 (390246.8, 3818828.0, 961.8, 1590.1, 0.0); (390238.6,
3818806.5, 961.1, 1590.1, 0.0);
 (390230.5, 3818785.0, 960.8, 1590.1, 0.0); (390222.3,
3818763.5, 960.4, 1590.1, 0.0);
 (390214.1, 3818741.9, 960.1, 1590.1, 0.0); (390206.0,
3818720.4, 959.7, 1590.1, 0.0);
 (390197.8, 3818698.9, 959.0, 1590.1, 0.0); (390189.6,
3818677.4, 958.4, 1590.1, 0.0);
 (390181.4, 3818655.9, 957.5, 1590.1, 0.0); (390173.3,
3818634.4, 955.8, 1590.1, 0.0);
 (390165.1, 3818612.9, 954.8, 1590.1, 0.0); (390156.9,
3818591.4, 954.2, 1590.1, 0.0);
 (390148.8, 3818569.9, 953.3, 1590.1, 0.0); (390140.6,
3818548.4, 951.8, 1590.1, 0.0);
 (390132.4, 3818526.8, 950.9, 1590.1, 0.0); (390124.2,
3818505.3, 949.9, 1590.1, 0.0);
 (390116.1, 3818483.8, 948.5, 1590.1, 0.0); (390107.9,
3818462.3, 947.2, 1590.1, 0.0);
 (390099.7, 3818440.8, 946.0, 1590.1, 0.0); (390091.5,
3818419.3, 945.2, 1590.1, 0.0);
 (390083.4, 3818397.8, 944.2, 1590.1, 0.0); (390075.2,
3818376.3, 943.0, 1590.1, 0.0);
 (390067.0, 3818354.8, 941.6, 1590.1, 0.0); (390058.9,
3818333.3, 940.7, 1590.1, 0.0);
 (390050.7, 3818311.8, 939.5, 1590.1, 0.0); (390042.5,
3818290.2, 938.3, 1590.1, 0.0);
 (390034.3, 3818268.7, 937.3, 1590.1, 0.0); (390026.2,
3818247.2, 936.5, 1590.1, 0.0);
 (390018.0, 3818225.7, 935.9, 1590.1, 0.0); (390009.8,
3818204.2, 935.3, 1590.1, 0.0);
 (390001.7, 3818182.7, 934.7, 1590.1, 0.0); (389993.5,
3818161.2, 934.1, 1590.1, 0.0);
 (389985.3, 3818139.7, 933.5, 1590.1, 0.0); (389977.1,
3818118.1, 933.0, 1590.1, 0.0);
 (389969.0, 3818096.6, 932.4, 1590.1, 0.0); (389960.8,
3818075.1, 931.8, 1590.1, 0.0);
 (389952.6, 3818053.6, 931.0, 1590.1, 0.0); (389944.5,
3818032.1, 929.6, 1590.1, 0.0);
 (389936.3, 3818010.6, 928.2, 1590.1, 0.0); (389928.1,
3817989.1, 927.5, 1590.1, 0.0);
 (389919.9, 3817967.6, 926.4, 1590.1, 0.0); (389911.8,
3817946.1, 925.5, 1590.1, 0.0);
 (389903.6, 3817924.6, 924.7, 1590.1, 0.0); (389895.4,
3817903.0, 923.5, 1590.1, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```



\*\*\*

17:54:19

PAGE 357

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 389887.2, 3817881.5, 922.3, 1590.1, 0.0); | ( 389879.1, |
| 3817860.0, 921.3, 1590.1, 0.0);             |             |
| ( 389870.9, 3817838.5, 920.5, 1590.1, 0.0); | ( 389862.7, |
| 3817817.0, 920.0, 1590.1, 0.0);             |             |
| ( 389854.6, 3817795.5, 919.4, 1590.1, 0.0); | ( 389846.4, |
| 3817774.0, 918.5, 1590.1, 0.0);             |             |
| ( 389838.2, 3817752.5, 917.5, 1590.1, 0.0); | ( 389830.0, |
| 3817731.0, 916.4, 1590.1, 0.0);             |             |
| ( 389821.9, 3817709.5, 915.3, 1590.1, 0.0); | ( 389813.7, |
| 3817687.9, 914.3, 1590.1, 0.0);             |             |
| ( 389805.5, 3817666.4, 913.5, 1590.1, 0.0); | ( 389797.4, |
| 3817644.9, 912.7, 1590.1, 0.0);             |             |
| ( 389789.2, 3817623.4, 911.8, 1590.1, 0.0); | ( 389781.0, |
| 3817601.9, 910.9, 1590.1, 0.0);             |             |
| ( 389772.8, 3817580.4, 909.8, 1590.1, 0.0); | ( 389764.7, |
| 3817558.9, 908.6, 1590.1, 0.0);             |             |
| ( 389756.5, 3817537.4, 907.2, 1590.1, 0.0); | ( 389748.3, |
| 3817515.9, 905.8, 1590.1, 0.0);             |             |
| ( 389740.2, 3817494.4, 904.4, 1590.1, 0.0); | ( 389732.0, |
| 3817472.8, 903.2, 1590.1, 0.0);             |             |
| ( 389723.8, 3817451.3, 902.1, 1590.1, 0.0); | ( 389715.6, |
| 3817429.8, 901.1, 1590.1, 0.0);             |             |
| ( 389707.5, 3817408.3, 900.2, 1590.1, 0.0); | ( 389699.3, |
| 3817386.8, 899.2, 1590.1, 0.0);             |             |
| ( 389691.1, 3817365.3, 898.2, 1590.1, 0.0); | ( 389683.0, |
| 3817343.8, 897.2, 1590.1, 0.0);             |             |
| ( 389674.8, 3817322.3, 895.9, 1590.1, 0.0); | ( 389666.6, |
| 3817300.8, 894.9, 1590.1, 0.0);             |             |
| ( 389658.5, 3817279.3, 894.2, 1590.1, 0.0); | ( 389650.3, |
| 3817257.8, 893.7, 1590.1, 0.0);             |             |
| ( 389642.1, 3817236.2, 892.6, 1590.1, 0.0); | ( 389633.9, |
| 3817214.7, 891.3, 1590.1, 0.0);             |             |
| ( 389625.8, 3817193.2, 889.7, 1590.1, 0.0); | ( 389617.6, |
| 3817171.7, 888.6, 1590.1, 0.0);             |             |
| ( 389609.4, 3817150.2, 887.5, 1590.1, 0.0); | ( 389601.2, |
| 3817128.7, 886.4, 1590.1, 0.0);             |             |
| ( 389593.1, 3817107.2, 885.2, 1590.1, 0.0); | ( 389584.9, |
| 3817085.7, 884.1, 1590.1, 0.0);             |             |
| ( 389576.7, 3817064.1, 883.1, 1590.1, 0.0); | ( 389568.6, |
| 3817042.6, 882.0, 1590.1, 0.0);             |             |
| ( 389560.4, 3817021.1, 880.8, 1590.1, 0.0); | ( 389552.2, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816999.6,  | 879.7,     | 1590.1, | 0.0);   |       |             |
| ( 389544.0, | 3816978.1, | 878.6,  | 1590.1, | 0.0); | ( 389535.9, |
| 3816956.6,  | 877.6,     | 1590.1, | 0.0);   |       |             |
| ( 389527.7, | 3816935.1, | 876.6,  | 1590.1, | 0.0); | ( 389519.5, |
| 3816913.6,  | 875.5,     | 1590.1, | 0.0);   |       |             |
| ( 389511.3, | 3816892.1, | 874.7,  | 1590.1, | 0.0); | ( 389503.2, |
| 3816870.6,  | 873.8,     | 1590.1, | 0.0);   |       |             |
| ( 389495.0, | 3816849.0, | 872.8,  | 1590.1, | 0.0); | ( 389486.8, |
| 3816827.5,  | 872.0,     | 1590.1, | 0.0);   |       |             |
| ( 389478.7, | 3816806.0, | 871.2,  | 1590.1, | 0.0); | ( 389470.5, |
| 3816784.5,  | 870.3,     | 1590.1, | 0.0);   |       |             |
| ( 389462.3, | 3816763.0, | 869.4,  | 1590.1, | 0.0); | ( 389454.1, |
| 3816741.5,  | 868.5,     | 1590.1, | 0.0);   |       |             |
| ( 389446.0, | 3816720.0, | 867.5,  | 1590.1, | 0.0); | ( 389437.8, |
| 3816698.5,  | 866.6,     | 1590.1, | 0.0);   |       |             |
| ( 389429.6, | 3816677.0, | 865.9,  | 1590.1, | 0.0); | ( 389421.5, |
| 3816655.5,  | 865.0,     | 1590.1, | 0.0);   |       |             |
| ( 389413.3, | 3816633.9, | 863.9,  | 1590.1, | 0.0); | ( 389405.1, |
| 3816612.4,  | 862.8,     | 1590.1, | 0.0);   |       |             |
| ( 389397.0, | 3816590.9, | 861.7,  | 1590.1, | 0.0); | ( 389388.8, |
| 3816569.4,  | 860.4,     | 1590.1, | 0.0);   |       |             |
| ( 389380.6, | 3816547.9, | 859.1,  | 1590.1, | 0.0); | ( 389372.4, |
| 3816526.4,  | 858.0,     | 1590.1, | 0.0);   |       |             |
| ( 389364.3, | 3816504.9, | 857.1,  | 1590.1, | 0.0); | ( 389356.1, |
| 3816483.4,  | 855.9,     | 1590.1, | 0.0);   |       |             |
| ( 389347.9, | 3816461.9, | 855.5,  | 1590.1, | 0.0); | ( 389339.8, |
| 3816440.4,  | 855.5,     | 1590.1, | 0.0);   |       |             |
| ( 389331.6, | 3816418.8, | 856.0,  | 1590.1, | 0.0); | ( 389323.4, |
| 3816397.3,  | 855.9,     | 1590.1, | 0.0);   |       |             |
| ( 389315.2, | 3816375.8, | 855.3,  | 1590.1, | 0.0); | ( 389307.1, |
| 3816354.3,  | 855.0,     | 1590.1, | 0.0);   |       |             |
| ( 389298.9, | 3816332.8, | 854.6,  | 1590.1, | 0.0); | ( 389290.7, |
| 3816311.3,  | 853.2,     | 1590.1, | 0.0);   |       |             |
| ( 389282.5, | 3816289.8, | 852.2,  | 1590.1, | 0.0); | ( 389274.4, |
| 3816268.3,  | 852.3,     | 1937.2, | 0.0);   |       |             |
| ( 389266.2, | 3816246.8, | 852.5,  | 1937.2, | 0.0); | ( 389258.0, |
| 3816225.3,  | 851.7,     | 1937.2, | 0.0);   |       |             |
| ( 389249.9, | 3816203.8, | 851.4,  | 1937.2, | 0.0); | ( 394397.1, |
| 3821539.4,  | 1364.2,    | 1378.5, | 0.0);   |       |             |
| ( 394420.2, | 3821539.8, | 1366.1, | 1378.5, | 0.0); | ( 394443.3, |
| 3821540.2,  | 1368.6,    | 1378.5, | 0.0);   |       |             |
| ( 394466.3, | 3821540.7, | 1371.0, | 1378.5, | 0.0); | ( 394489.4, |
| 3821541.1,  | 1373.2,    | 1378.5, | 0.0);   |       |             |
| ( 394512.4, | 3821541.5, | 1375.3, | 1378.5, | 0.0); | ( 394535.5, |
| 3821541.9,  | 1376.8,    | 1376.8, | 0.0);   |       |             |
| ( 393083.6, | 3822334.1, | 1066.3, | 1586.8, | 0.0); | ( 393062.6, |
| 3822324.9,  | 1069.1,    | 1586.8, | 0.0);   |       |             |
| ( 393041.5, | 3822315.6, | 1073.4, | 1586.8, | 0.0); | ( 393020.5, |
| 3822306.4,  | 1078.0,    | 1586.8, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 358

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 392999.5, 3822297.1, 1082.0, 1586.8, 0.0); | ( 392978.4, |
| 3822287.8, 1085.6, 1586.8, 0.0);             |             |
| ( 392957.4, 3822278.6, 1088.7, 1586.8, 0.0); | ( 392936.4, |
| 3822269.3, 1092.5, 1586.8, 0.0);             |             |
| ( 392915.3, 3822260.1, 1096.0, 1586.8, 0.0); | ( 392894.3, |
| 3822250.8, 1099.4, 1586.8, 0.0);             |             |
| ( 392873.3, 3822241.5, 1103.3, 1586.8, 0.0); | ( 392852.2, |
| 3822232.3, 1104.3, 1586.8, 0.0);             |             |
| ( 392831.2, 3822223.0, 1106.1, 1586.8, 0.0); | ( 392810.1, |
| 3822213.8, 1108.6, 1586.8, 0.0);             |             |
| ( 392789.1, 3822204.5, 1111.5, 1586.8, 0.0); | ( 392768.1, |
| 3822195.2, 1117.0, 1586.8, 0.0);             |             |
| ( 392747.0, 3822186.0, 1124.1, 1586.8, 0.0); | ( 392726.0, |
| 3822176.7, 1131.6, 1580.7, 0.0);             |             |
| ( 392705.0, 3822167.4, 1136.8, 1529.1, 0.0); | ( 392683.9, |
| 3822158.2, 1140.8, 1529.1, 0.0);             |             |
| ( 392662.9, 3822148.9, 1145.2, 1529.1, 0.0); | ( 392641.9, |
| 3822139.7, 1149.4, 1529.1, 0.0);             |             |
| ( 392620.8, 3822130.4, 1152.5, 1529.1, 0.0); | ( 392599.8, |
| 3822121.1, 1157.6, 1525.3, 0.0);             |             |
| ( 392578.8, 3822111.9, 1163.6, 1525.3, 0.0); | ( 392557.7, |
| 3822102.6, 1168.2, 1439.5, 0.0);             |             |
| ( 392536.7, 3822093.4, 1171.8, 1439.5, 0.0); | ( 392515.6, |
| 3822084.1, 1176.0, 1439.5, 0.0);             |             |
| ( 392494.6, 3822074.8, 1183.8, 1439.5, 0.0); | ( 392473.6, |
| 3822065.6, 1191.8, 1439.5, 0.0);             |             |
| ( 392452.5, 3822056.3, 1198.9, 1439.5, 0.0); | ( 392431.5, |
| 3822047.1, 1208.1, 1439.5, 0.0);             |             |
| ( 392410.5, 3822037.8, 1218.4, 1439.5, 0.0); | ( 392389.4, |
| 3822028.5, 1229.6, 1439.5, 0.0);             |             |
| ( 392368.4, 3822019.3, 1242.1, 1439.5, 0.0); | ( 392347.3, |
| 3822010.0, 1251.7, 1439.5, 0.0);             |             |
| ( 392326.3, 3822000.8, 1259.0, 1439.5, 0.0); | ( 392305.3, |
| 3821991.5, 1265.2, 1439.5, 0.0);             |             |
| ( 392284.2, 3821982.2, 1271.2, 1439.5, 0.0); | ( 392263.2, |
| 3821973.0, 1273.0, 1439.5, 0.0);             |             |
| ( 392242.2, 3821963.7, 1269.5, 1439.5, 0.0); | ( 392221.1, |
| 3821954.4, 1266.8, 1439.5, 0.0);             |             |
| ( 392200.1, 3821945.2, 1265.2, 1439.5, 0.0); | ( 392179.0, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821935.9,  | 1264.1,    | 1439.5, | 0.0);   |       |             |
| ( 392158.0, | 3821926.7, | 1262.1, | 1439.5, | 0.0); | ( 392137.0, |
| 3821917.4,  | 1266.6,    | 1439.5, | 0.0);   |       |             |
| ( 392115.9, | 3821908.1, | 1275.2, | 1439.5, | 0.0); | ( 392094.9, |
| 3821898.9,  | 1284.9,    | 1439.5, | 0.0);   |       |             |
| ( 392073.9, | 3821889.6, | 1293.9, | 1439.5, | 0.0); | ( 392052.8, |
| 3821880.4,  | 1300.6,    | 1439.5, | 0.0);   |       |             |
| ( 392031.8, | 3821871.1, | 1304.5, | 1422.1, | 0.0); | ( 392010.8, |
| 3821861.8,  | 1307.5,    | 1422.1, | 0.0);   |       |             |
| ( 391863.5, | 3821797.0, | 1347.0, | 1422.1, | 0.0); | ( 391842.5, |
| 3821787.8,  | 1347.0,    | 1422.1, | 0.0);   |       |             |
| ( 391821.4, | 3821778.5, | 1341.2, | 1422.1, | 0.0); | ( 391800.4, |
| 3821769.2,  | 1330.3,    | 1422.1, | 0.0);   |       |             |
| ( 391779.4, | 3821760.0, | 1319.0, | 1422.1, | 0.0); | ( 391758.3, |
| 3821750.7,  | 1308.2,    | 1422.1, | 0.0);   |       |             |
| ( 391737.3, | 3821741.5, | 1297.6, | 1422.1, | 0.0); | ( 391716.2, |
| 3821732.2,  | 1287.9,    | 1422.1, | 0.0);   |       |             |
| ( 391695.2, | 3821722.9, | 1279.9, | 1439.5, | 0.0); | ( 391674.2, |
| 3821713.7,  | 1272.5,    | 1439.5, | 0.0);   |       |             |
| ( 391653.1, | 3821704.4, | 1265.2, | 1439.5, | 0.0); | ( 391632.1, |
| 3821695.1,  | 1260.4,    | 1439.5, | 0.0);   |       |             |
| ( 391611.1, | 3821685.9, | 1258.0, | 1439.5, | 0.0); | ( 391590.0, |
| 3821676.6,  | 1254.1,    | 1439.5, | 0.0);   |       |             |
| ( 391569.0, | 3821667.4, | 1249.2, | 1439.5, | 0.0); | ( 391548.0, |
| 3821658.1,  | 1244.8,    | 1439.5, | 0.0);   |       |             |
| ( 391526.9, | 3821648.8, | 1238.2, | 1525.3, | 0.0); | ( 391505.9, |
| 3821639.6,  | 1230.5,    | 1529.1, | 0.0);   |       |             |
| ( 391484.8, | 3821630.3, | 1223.5, | 1529.1, | 0.0); | ( 391463.8, |
| 3821621.1,  | 1216.8,    | 1586.8, | 0.0);   |       |             |
| ( 391442.8, | 3821611.8, | 1210.7, | 1586.8, | 0.0); | ( 391421.7, |
| 3821602.5,  | 1204.1,    | 1586.8, | 0.0);   |       |             |
| ( 391400.7, | 3821593.3, | 1200.6, | 1586.8, | 0.0); | ( 391379.7, |
| 3821584.0,  | 1198.7,    | 1586.8, | 0.0);   |       |             |
| ( 391358.6, | 3821574.8, | 1196.7, | 1586.8, | 0.0); | ( 391337.6, |
| 3821565.5,  | 1194.9,    | 1586.8, | 0.0);   |       |             |
| ( 391316.5, | 3821556.2, | 1191.5, | 1586.8, | 0.0); | ( 391295.5, |
| 3821547.0,  | 1185.3,    | 1586.8, | 0.0);   |       |             |
| ( 391274.5, | 3821537.7, | 1177.9, | 1586.8, | 0.0); | ( 391253.4, |
| 3821528.5,  | 1170.0,    | 1586.8, | 0.0);   |       |             |
| ( 391232.4, | 3821519.2, | 1161.8, | 1586.8, | 0.0); | ( 391211.4, |
| 3821509.9,  | 1153.9,    | 1587.8, | 0.0);   |       |             |
| ( 391190.3, | 3821500.7, | 1153.4, | 1587.8, | 0.0); | ( 391169.3, |
| 3821491.4,  | 1151.9,    | 1587.8, | 0.0);   |       |             |
| ( 391148.3, | 3821482.2, | 1147.8, | 1587.8, | 0.0); | ( 391127.2, |
| 3821472.9,  | 1142.8,    | 1588.1, | 0.0);   |       |             |
| ( 391106.2, | 3821463.6, | 1139.0, | 1588.1, | 0.0); | ( 391085.1, |
| 3821454.4,  | 1134.5,    | 1590.0, | 0.0);   |       |             |
| ( 391064.1, | 3821445.1, | 1130.2, | 1590.0, | 0.0); | ( 391043.1, |
| 3821435.8,  | 1125.1,    | 1590.0, | 0.0);   |       |             |
| ( 391022.0, | 3821426.6, | 1120.2, | 1590.1, | 0.0); | ( 391001.0, |

3821417.3, 1117.3, 1590.1, 0.0);  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 359

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 390980.0, 3821408.1, 1114.2, 1590.1, 0.0); | ( 390958.9, |
| 3821398.8, 1112.7, 1590.1, 0.0);             |             |
| ( 390937.9, 3821389.5, 1113.8, 1590.1, 0.0); | ( 390916.9, |
| 3821380.3, 1114.9, 1590.1, 0.0);             |             |
| ( 390895.8, 3821371.0, 1114.8, 1590.1, 0.0); | ( 390874.8, |
| 3821361.8, 1113.7, 1590.1, 0.0);             |             |
| ( 390853.8, 3821352.5, 1112.3, 1590.1, 0.0); | ( 390832.7, |
| 3821343.2, 1110.9, 1590.1, 0.0);             |             |
| ( 390811.7, 3821334.0, 1109.5, 1590.1, 0.0); | ( 390790.6, |
| 3821324.7, 1108.0, 1590.1, 0.0);             |             |
| ( 390769.6, 3821315.5, 1106.4, 1590.1, 0.0); | ( 390748.6, |
| 3821306.2, 1104.7, 1590.1, 0.0);             |             |
| ( 390727.5, 3821296.9, 1102.5, 1590.1, 0.0); | ( 390706.5, |
| 3821287.7, 1098.2, 1590.1, 0.0);             |             |
| ( 390685.5, 3821278.4, 1093.4, 1590.1, 0.0); | ( 390664.4, |
| 3821269.2, 1089.7, 1590.1, 0.0);             |             |
| ( 390643.4, 3821259.9, 1089.1, 1590.1, 0.0); | ( 390622.3, |
| 3821250.6, 1092.9, 1590.1, 0.0);             |             |
| ( 390601.3, 3821241.4, 1094.7, 1590.1, 0.0); | ( 390580.3, |
| 3821232.1, 1094.6, 1590.1, 0.0);             |             |
| ( 390559.2, 3821222.9, 1093.8, 1590.1, 0.0); | ( 390538.2, |
| 3821213.6, 1092.8, 1590.1, 0.0);             |             |
| ( 390517.2, 3821204.3, 1092.7, 1590.1, 0.0); | ( 390496.1, |
| 3821195.1, 1093.5, 1590.1, 0.0);             |             |
| ( 390475.1, 3821185.8, 1092.5, 1590.1, 0.0); | ( 390454.0, |
| 3821176.5, 1090.3, 1590.1, 0.0);             |             |
| ( 390433.0, 3821167.3, 1088.8, 1590.1, 0.0); | ( 390412.0, |
| 3821158.0, 1089.1, 1590.1, 0.0);             |             |
| ( 390390.9, 3821148.8, 1092.6, 1590.1, 0.0); | ( 390369.9, |
| 3821139.5, 1100.7, 1590.1, 0.0);             |             |
| ( 390348.9, 3821130.2, 1107.6, 1590.1, 0.0); | ( 390327.8, |
| 3821121.0, 1113.2, 1590.1, 0.0);             |             |
| ( 390306.8, 3821111.7, 1120.2, 1590.1, 0.0); | ( 390285.8, |
| 3821102.5, 1128.9, 1590.1, 0.0);             |             |
| ( 390264.7, 3821093.2, 1137.8, 1590.1, 0.0); | ( 390243.7, |
| 3821083.9, 1146.1, 1590.1, 0.0);             |             |
| ( 390222.6, 3821074.7, 1152.7, 1590.1, 0.0); | ( 390201.6, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821065.4,  | 1157.6,    | 1590.1, | 0.0);   |       |             |
| ( 390180.6, | 3821056.2, | 1158.7, | 1590.1, | 0.0); | ( 390159.5, |
| 3821046.9,  | 1158.6,    | 1590.1, | 0.0);   |       |             |
| ( 390138.5, | 3821037.6, | 1157.4, | 1590.1, | 0.0); | ( 390117.5, |
| 3821028.4,  | 1152.7,    | 1590.1, | 0.0);   |       |             |
| ( 390096.4, | 3821019.1, | 1150.1, | 1590.1, | 0.0); | ( 390075.4, |
| 3821009.9,  | 1151.2,    | 1590.1, | 0.0);   |       |             |
| ( 390054.3, | 3821000.6, | 1152.6, | 1590.1, | 0.0); | ( 390033.3, |
| 3820991.3,  | 1147.5,    | 1590.1, | 0.0);   |       |             |
| ( 389949.2, | 3820954.3, | 1144.2, | 1590.1, | 0.0); | ( 389928.1, |
| 3820945.0,  | 1150.1,    | 1590.1, | 0.0);   |       |             |
| ( 389907.1, | 3820935.8, | 1154.5, | 1590.1, | 0.0); | ( 389886.1, |
| 3820926.5,  | 1159.0,    | 1590.1, | 0.0);   |       |             |
| ( 389865.0, | 3820917.2, | 1163.5, | 1590.1, | 0.0); | ( 389844.0, |
| 3820908.0,  | 1172.7,    | 1590.1, | 0.0);   |       |             |
| ( 389823.0, | 3820898.7, | 1184.0, | 1590.1, | 0.0); | ( 389801.9, |
| 3820889.5,  | 1194.2,    | 1590.1, | 0.0);   |       |             |
| ( 389780.9, | 3820880.2, | 1195.8, | 1590.1, | 0.0); | ( 389759.8, |
| 3820870.9,  | 1188.5,    | 1590.1, | 0.0);   |       |             |
| ( 389738.8, | 3820861.7, | 1179.7, | 1590.1, | 0.0); | ( 389717.8, |
| 3820852.4,  | 1172.2,    | 1590.1, | 0.0);   |       |             |
| ( 389688.6, | 3820821.7, | 1157.9, | 1590.1, | 0.0); | ( 389680.4, |
| 3820800.2,  | 1150.6,    | 1590.1, | 0.0);   |       |             |
| ( 389672.2, | 3820778.7, | 1146.5, | 1590.1, | 0.0); | ( 389664.1, |
| 3820757.2,  | 1145.3,    | 1590.1, | 0.0);   |       |             |
| ( 389655.9, | 3820735.7, | 1149.3, | 1590.1, | 0.0); | ( 389647.8, |
| 3820714.2,  | 1151.6,    | 1590.1, | 0.0);   |       |             |
| ( 389639.6, | 3820692.8, | 1153.8, | 1590.1, | 0.0); | ( 389631.4, |
| 3820671.3,  | 1156.6,    | 1590.1, | 0.0);   |       |             |
| ( 389623.3, | 3820649.8, | 1156.7, | 1590.1, | 0.0); | ( 389615.1, |
| 3820628.3,  | 1154.7,    | 1590.1, | 0.0);   |       |             |
| ( 389606.9, | 3820606.8, | 1151.4, | 1590.1, | 0.0); | ( 389598.8, |
| 3820585.3,  | 1148.6,    | 1590.1, | 0.0);   |       |             |
| ( 389590.6, | 3820563.8, | 1148.6, | 1590.1, | 0.0); | ( 389582.5, |
| 3820542.4,  | 1149.5,    | 1590.1, | 0.0);   |       |             |
| ( 389574.3, | 3820520.9, | 1148.6, | 1590.1, | 0.0); | ( 389566.1, |
| 3820499.4,  | 1140.5,    | 1590.1, | 0.0);   |       |             |
| ( 389558.0, | 3820477.9, | 1130.9, | 1590.1, | 0.0); | ( 389549.8, |
| 3820456.4,  | 1122.0,    | 1590.1, | 0.0);   |       |             |
| ( 389541.6, | 3820434.9, | 1114.9, | 1590.1, | 0.0); | ( 389533.5, |
| 3820413.4,  | 1110.0,    | 1590.1, | 0.0);   |       |             |
| ( 389525.3, | 3820391.9, | 1105.8, | 1590.1, | 0.0); | ( 389517.1, |
| 3820370.5,  | 1101.6,    | 1590.1, | 0.0);   |       |             |
| ( 389509.0, | 3820349.0, | 1098.1, | 1590.1, | 0.0); | ( 389500.8, |
| 3820327.5,  | 1094.9,    | 1590.1, | 0.0);   |       |             |
| ( 389492.7, | 3820306.0, | 1092.5, | 1590.1, | 0.0); | ( 389484.5, |
| 3820284.5,  | 1088.4,    | 1590.1, | 0.0);   |       |             |
| ( 389476.3, | 3820263.0, | 1083.8, | 1590.1, | 0.0); | ( 389468.2, |
| 3820241.5,  | 1079.1,    | 1590.1, | 0.0);   |       |             |
| ( 389460.0, | 3820220.1, | 1076.5, | 1590.1, | 0.0); | ( 389451.8, |

3820198.6, 1074.2, 1590.1, 0.0);  
( 389443.7, 3820177.1, 1071.8, 1590.1, 0.0); ( 389435.5,  
3820155.6, 1069.4, 1590.1, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 360

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 389427.4, 3820134.1, 1068.0, 1590.1, 0.0); ( 389419.2,  
3820112.6, 1067.3, 1590.1, 0.0);  
( 389411.0, 3820091.1, 1068.5, 1590.1, 0.0); ( 389402.9,  
3820069.6, 1069.9, 1590.1, 0.0);  
( 389394.7, 3820048.2, 1069.5, 1590.1, 0.0); ( 389386.5,  
3820026.7, 1067.6, 1590.1, 0.0);  
( 389378.4, 3820005.2, 1062.6, 1590.1, 0.0); ( 389370.2,  
3819983.7, 1059.1, 1590.1, 0.0);  
( 389362.1, 3819962.2, 1057.0, 1590.1, 0.0); ( 389353.9,  
3819940.7, 1058.9, 1590.1, 0.0);  
( 389345.7, 3819919.2, 1058.0, 1590.1, 0.0); ( 389337.6,  
3819897.8, 1056.8, 1590.1, 0.0);  
( 389329.4, 3819876.3, 1054.0, 1590.1, 0.0); ( 389321.2,  
3819854.8, 1053.8, 1590.1, 0.0);  
( 389313.1, 3819833.3, 1052.1, 1590.1, 0.0); ( 389304.9,  
3819811.8, 1049.6, 1590.1, 0.0);  
( 389296.8, 3819790.3, 1049.7, 1590.1, 0.0); ( 389288.6,  
3819768.8, 1049.8, 1590.1, 0.0);  
( 389280.4, 3819747.4, 1049.2, 1590.1, 0.0); ( 389272.3,  
3819725.9, 1047.1, 1590.1, 0.0);  
( 389264.1, 3819704.4, 1047.2, 1590.1, 0.0); ( 389256.0,  
3819682.9, 1048.1, 1590.1, 0.0);  
( 389247.8, 3819661.4, 1049.0, 1590.1, 0.0); ( 389239.6,  
3819639.9, 1050.4, 1590.1, 0.0);  
( 389231.5, 3819618.4, 1050.9, 1590.1, 0.0); ( 389223.3,  
3819596.9, 1050.3, 1590.1, 0.0);  
( 389215.1, 3819575.5, 1051.6, 1590.1, 0.0); ( 389207.0,  
3819554.0, 1054.9, 1590.1, 0.0);  
( 389198.8, 3819532.5, 1059.6, 1590.1, 0.0); ( 389190.6,  
3819511.0, 1066.1, 1590.1, 0.0);  
( 389182.5, 3819489.5, 1073.3, 1590.1, 0.0); ( 389174.3,  
3819468.0, 1080.3, 1590.1, 0.0);  
( 389166.2, 3819446.5, 1086.3, 1590.1, 0.0); ( 389158.0,  
3819425.1, 1090.2, 1590.1, 0.0);  
( 389149.8, 3819403.6, 1093.2, 1590.1, 0.0); ( 389141.7,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819382.1,  | 1094.7,    | 1590.1, | 0.0);   |       |             |
| ( 389133.5, | 3819360.6, | 1094.0, | 1590.1, | 0.0); | ( 389125.3, |
| 3819339.1,  | 1094.3,    | 1590.1, | 0.0);   |       |             |
| ( 389117.2, | 3819317.6, | 1094.1, | 1590.1, | 0.0); | ( 389109.0, |
| 3819296.1,  | 1088.6,    | 1590.1, | 0.0);   |       |             |
| ( 389100.9, | 3819274.6, | 1081.4, | 1590.1, | 0.0); | ( 389092.7, |
| 3819253.2,  | 1074.1,    | 1590.1, | 0.0);   |       |             |
| ( 389084.5, | 3819231.7, | 1067.3, | 1590.1, | 0.0); | ( 389076.4, |
| 3819210.2,  | 1063.3,    | 1590.1, | 0.0);   |       |             |
| ( 389068.2, | 3819188.7, | 1060.2, | 1590.1, | 0.0); | ( 389060.0, |
| 3819167.2,  | 1058.2,    | 1590.1, | 0.0);   |       |             |
| ( 389051.9, | 3819145.7, | 1057.4, | 1590.1, | 0.0); | ( 389043.7, |
| 3819124.2,  | 1057.5,    | 1590.1, | 0.0);   |       |             |
| ( 389035.5, | 3819102.8, | 1058.4, | 1590.1, | 0.0); | ( 389027.4, |
| 3819081.3,  | 1060.2,    | 1590.1, | 0.0);   |       |             |
| ( 389019.2, | 3819059.8, | 1062.6, | 1590.1, | 0.0); | ( 389011.1, |
| 3819038.3,  | 1064.9,    | 1590.1, | 0.0);   |       |             |
| ( 389002.9, | 3819016.8, | 1067.4, | 1590.1, | 0.0); | ( 388994.7, |
| 3818995.3,  | 1070.8,    | 1590.1, | 0.0);   |       |             |
| ( 388986.6, | 3818973.8, | 1076.0, | 1590.1, | 0.0); | ( 388978.4, |
| 3818952.4,  | 1082.6,    | 1590.1, | 0.0);   |       |             |
| ( 388970.2, | 3818930.9, | 1089.4, | 1590.1, | 0.0); | ( 388962.1, |
| 3818909.4,  | 1093.6,    | 1590.1, | 0.0);   |       |             |
| ( 388953.9, | 3818887.9, | 1093.8, | 1590.1, | 0.0); | ( 388945.8, |
| 3818866.4,  | 1088.5,    | 1590.1, | 0.0);   |       |             |
| ( 388937.6, | 3818844.9, | 1081.5, | 1590.1, | 0.0); | ( 388929.4, |
| 3818823.4,  | 1075.0,    | 1590.1, | 0.0);   |       |             |
| ( 388921.3, | 3818801.9, | 1069.8, | 1590.1, | 0.0); | ( 388913.1, |
| 3818780.5,  | 1068.0,    | 1590.1, | 0.0);   |       |             |
| ( 388905.0, | 3818759.0, | 1067.5, | 1590.1, | 0.0); | ( 388896.8, |
| 3818737.5,  | 1067.8,    | 1590.1, | 0.0);   |       |             |
| ( 388888.6, | 3818716.0, | 1067.8, | 1590.1, | 0.0); | ( 388880.5, |
| 3818694.5,  | 1067.6,    | 1590.1, | 0.0);   |       |             |
| ( 388872.3, | 3818673.0, | 1067.5, | 1590.1, | 0.0); | ( 388864.1, |
| 3818651.5,  | 1068.4,    | 1590.1, | 0.0);   |       |             |
| ( 388856.0, | 3818630.1, | 1065.2, | 1590.1, | 0.0); | ( 388847.8, |
| 3818608.6,  | 1059.1,    | 1590.1, | 0.0);   |       |             |
| ( 388839.6, | 3818587.1, | 1048.3, | 1590.1, | 0.0); | ( 388831.5, |
| 3818565.6,  | 1037.3,    | 1590.1, | 0.0);   |       |             |
| ( 388823.3, | 3818544.1, | 1027.7, | 1590.1, | 0.0); | ( 388815.2, |
| 3818522.6,  | 1019.8,    | 1590.1, | 0.0);   |       |             |
| ( 388807.0, | 3818501.1, | 1015.7, | 1590.1, | 0.0); | ( 388798.8, |
| 3818479.6,  | 1014.6,    | 1590.1, | 0.0);   |       |             |
| ( 388790.7, | 3818458.2, | 1014.0, | 1590.1, | 0.0); | ( 388782.5, |
| 3818436.7,  | 1009.6,    | 1590.1, | 0.0);   |       |             |
| ( 388774.3, | 3818415.2, | 1004.1, | 1590.1, | 0.0); | ( 388766.2, |
| 3818393.7,  | 1000.0,    | 1590.1, | 0.0);   |       |             |
| ( 388758.0, | 3818372.2, | 997.1,  | 1590.1, | 0.0); | ( 388749.9, |
| 3818350.7,  | 994.4,     | 1590.1, | 0.0);   |       |             |
| ( 388741.7, | 3818329.2, | 991.7,  | 1590.1, | 0.0); | ( 388733.5, |



```

3818307.8, 987.6, 1590.1, 0.0);
 (388725.4, 3818286.3, 982.2, 1590.1, 0.0); (388717.2,
3818264.8, 976.8, 1590.1, 0.0);
 (388709.0, 3818243.3, 972.1, 1590.1, 0.0); (388700.9,
3818221.8, 968.6, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 361

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (388692.7, 3818200.3, 966.4, 1590.1, 0.0); (388684.6,
3818178.8, 964.7, 1590.1, 0.0);
 (388676.4, 3818157.3, 962.9, 1590.1, 0.0); (388668.2,
3818135.9, 960.5, 1590.1, 0.0);
 (388660.1, 3818114.4, 958.6, 1590.1, 0.0); (388651.9,
3818092.9, 957.3, 1590.1, 0.0);
 (388643.7, 3818071.4, 955.4, 1590.1, 0.0); (388635.6,
3818049.9, 952.8, 1590.1, 0.0);
 (388627.4, 3818028.4, 950.1, 1590.1, 0.0); (388619.3,
3818006.9, 947.7, 1590.1, 0.0);
 (388611.1, 3817985.5, 945.0, 1590.1, 0.0); (388602.9,
3817964.0, 942.3, 1590.1, 0.0);
 (388594.8, 3817942.5, 939.3, 1590.1, 0.0); (388586.6,
3817921.0, 937.5, 1590.1, 0.0);
 (388578.4, 3817899.5, 935.4, 1590.1, 0.0); (388570.3,
3817878.0, 932.8, 1590.1, 0.0);
 (388562.1, 3817856.5, 930.3, 1590.1, 0.0); (388554.0,
3817835.1, 927.8, 1590.1, 0.0);
 (388545.8, 3817813.6, 925.3, 1590.1, 0.0); (388537.6,
3817792.1, 923.3, 1590.1, 0.0);
 (388529.5, 3817770.6, 921.0, 1590.1, 0.0); (388521.3,
3817749.1, 918.8, 1590.1, 0.0);
 (388513.1, 3817727.6, 916.3, 1590.1, 0.0); (388505.0,
3817706.1, 913.5, 1590.1, 0.0);
 (388496.8, 3817684.6, 911.9, 1590.1, 0.0); (388488.6,
3817663.2, 910.8, 1590.1, 0.0);
 (388480.5, 3817641.7, 908.9, 1590.1, 0.0); (388472.3,
3817620.2, 906.8, 1590.1, 0.0);
 (388464.2, 3817598.7, 905.1, 1590.1, 0.0); (388456.0,
3817577.2, 904.3, 1590.1, 0.0);
 (388447.8, 3817555.7, 903.3, 1590.1, 0.0); (388439.7,
3817534.2, 902.3, 1590.1, 0.0);
 (388431.5, 3817512.8, 901.3, 1590.1, 0.0); (388423.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817491.3,  | 900.5,     | 1590.1, | 0.0);   |       |             |
| ( 388415.2, | 3817469.8, | 899.8,  | 1590.1, | 0.0); | ( 388407.0, |
| 3817448.3,  | 898.6,     | 1590.1, | 0.0);   |       |             |
| ( 388398.9, | 3817426.8, | 896.5,  | 1590.1, | 0.0); | ( 388390.7, |
| 3817405.3,  | 895.5,     | 1590.1, | 0.0);   |       |             |
| ( 388382.5, | 3817383.8, | 895.2,  | 1590.1, | 0.0); | ( 388374.4, |
| 3817362.3,  | 895.1,     | 1590.1, | 0.0);   |       |             |
| ( 388366.2, | 3817340.9, | 895.0,  | 1590.1, | 0.0); | ( 388358.0, |
| 3817319.4,  | 894.5,     | 1590.1, | 0.0);   |       |             |
| ( 388349.9, | 3817297.9, | 893.6,  | 1590.1, | 0.0); | ( 388341.7, |
| 3817276.4,  | 891.5,     | 1590.1, | 0.0);   |       |             |
| ( 388333.6, | 3817254.9, | 888.4,  | 1590.1, | 0.0); | ( 388325.4, |
| 3817233.4,  | 884.6,     | 1590.1, | 0.0);   |       |             |
| ( 388317.2, | 3817211.9, | 882.1,  | 1590.1, | 0.0); | ( 388309.1, |
| 3817190.5,  | 881.8,     | 1590.1, | 0.0);   |       |             |
| ( 388300.9, | 3817169.0, | 882.3,  | 1590.1, | 0.0); | ( 388292.8, |
| 3817147.5,  | 882.2,     | 1590.1, | 0.0);   |       |             |
| ( 388284.6, | 3817126.0, | 882.1,  | 1590.1, | 0.0); | ( 388276.4, |
| 3817104.5,  | 882.3,     | 1590.1, | 0.0);   |       |             |
| ( 388268.3, | 3817083.0, | 882.9,  | 1590.1, | 0.0); | ( 388260.1, |
| 3817061.5,  | 885.5,     | 1590.1, | 0.0);   |       |             |
| ( 388251.9, | 3817040.1, | 887.8,  | 1590.1, | 0.0); | ( 388243.8, |
| 3817018.6,  | 889.0,     | 1590.1, | 0.0);   |       |             |
| ( 388235.6, | 3816997.1, | 890.6,  | 1590.1, | 0.0); | ( 388227.5, |
| 3816975.6,  | 895.2,     | 1590.1, | 0.0);   |       |             |
| ( 388219.3, | 3816954.1, | 900.1,  | 1590.1, | 0.0); | ( 388211.1, |
| 3816932.6,  | 904.0,     | 1590.1, | 0.0);   |       |             |
| ( 388203.0, | 3816911.1, | 903.1,  | 1590.1, | 0.0); | ( 388194.8, |
| 3816889.6,  | 900.0,     | 1590.1, | 0.0);   |       |             |
| ( 388186.6, | 3816868.2, | 897.3,  | 1590.1, | 0.0); | ( 388178.5, |
| 3816846.7,  | 901.4,     | 1590.1, | 0.0);   |       |             |
| ( 388170.3, | 3816825.2, | 904.4,  | 1590.1, | 0.0); | ( 388162.1, |
| 3816803.7,  | 905.2,     | 1590.1, | 0.0);   |       |             |
| ( 388154.0, | 3816782.2, | 903.3,  | 1590.1, | 0.0); | ( 388145.8, |
| 3816760.7,  | 905.9,     | 1590.1, | 0.0);   |       |             |
| ( 388137.7, | 3816739.2, | 908.9,  | 1590.1, | 0.0); | ( 388129.5, |
| 3816717.8,  | 908.6,     | 1590.1, | 0.0);   |       |             |
| ( 388121.3, | 3816696.3, | 904.7,  | 1590.1, | 0.0); | ( 388113.2, |
| 3816674.8,  | 900.8,     | 1590.1, | 0.0);   |       |             |
| ( 388105.0, | 3816653.3, | 897.8,  | 1590.1, | 0.0); | ( 388096.8, |
| 3816631.8,  | 895.7,     | 1590.1, | 0.0);   |       |             |
| ( 388088.7, | 3816610.3, | 894.0,  | 1590.1, | 0.0); | ( 388080.5, |
| 3816588.8,  | 892.7,     | 1590.1, | 0.0);   |       |             |
| ( 388072.4, | 3816567.3, | 891.8,  | 1590.1, | 0.0); | ( 388064.2, |
| 3816545.9,  | 891.0,     | 1590.1, | 0.0);   |       |             |
| ( 388056.0, | 3816524.4, | 889.3,  | 1590.1, | 0.0); | ( 388047.9, |
| 3816502.9,  | 886.7,     | 1590.1, | 0.0);   |       |             |
| ( 388039.7, | 3816481.4, | 883.6,  | 1590.1, | 0.0); | ( 388031.5, |
| 3816459.9,  | 882.2,     | 1590.1, | 0.0);   |       |             |
| ( 388023.4, | 3816438.4, | 882.9,  | 1590.1, | 0.0); | ( 388015.2, |

```

3816416.9, 886.8, 1590.1, 0.0);
 (388007.0, 3816395.5, 892.7, 1590.1, 0.0); (387998.9,
3816374.0, 899.2, 1590.1, 0.0);
 (387990.7, 3816352.5, 905.2, 1255.1, 0.0); (387982.6,
3816331.0, 910.4, 1255.1, 0.0);
 (387974.4, 3816309.5, 915.3, 1255.1, 0.0); (387966.2,
3816288.0, 920.7, 1255.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 362

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (387958.1, 3816266.5, 923.8, 1255.1, 0.0); (387949.9,
3816245.0, 925.8, 1255.1, 0.0);
 (387941.8, 3816223.6, 926.6, 1255.1, 0.0); (387933.6,
3816202.1, 924.5, 1255.1, 0.0);
 (387925.4, 3816180.6, 921.8, 1255.1, 0.0); (387917.3,
3816159.1, 919.3, 1255.1, 0.0);
 (394372.9, 3822872.5, 1040.8, 1439.5, 0.0); (394396.0,
3822872.9, 1036.4, 1439.5, 0.0);
 (394419.0, 3822873.4, 1032.9, 1439.5, 0.0); (394442.1,
3822873.8, 1029.6, 1439.5, 0.0);
 (394465.2, 3822874.2, 1027.0, 1439.5, 0.0); (394488.2,
3822874.6, 1025.2, 1439.5, 0.0);
 (394511.3, 3822875.0, 1025.5, 1439.5, 0.0); (392950.1,
3823619.2, 1029.7, 1586.8, 0.0);
 (392929.0, 3823609.9, 1033.4, 1586.8, 0.0); (392908.0,
3823600.6, 1038.0, 1586.8, 0.0);
 (392886.8, 3823591.3, 1043.0, 1586.8, 0.0); (392865.8,
3823582.0, 1048.0, 1586.8, 0.0);
 (392844.6, 3823572.7, 1054.5, 1586.8, 0.0); (392823.5,
3823563.4, 1061.6, 1586.8, 0.0);
 (392802.4, 3823554.1, 1068.5, 1586.8, 0.0); (392781.3,
3823544.8, 1076.1, 1586.8, 0.0);
 (392760.2, 3823535.6, 1084.1, 1586.8, 0.0); (392739.1,
3823526.3, 1092.7, 1586.8, 0.0);
 (392718.0, 3823517.0, 1096.8, 1586.8, 0.0); (392696.9,
3823507.7, 1100.3, 1586.8, 0.0);
 (392675.8, 3823498.4, 1103.5, 1586.8, 0.0); (392654.7,
3823489.1, 1105.7, 1586.8, 0.0);
 (392633.6, 3823479.8, 1105.9, 1586.8, 0.0); (392612.5,
3823470.5, 1106.2, 1586.8, 0.0);
 (392591.4, 3823461.2, 1112.7, 1586.8, 0.0); (392570.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823451.9,  | 1121.8,    | 1586.8, | 0.0);   |       |             |
| ( 392549.2, | 3823442.7, | 1130.7, | 1586.8, | 0.0); | ( 392528.1, |
| 3823433.4,  | 1135.3,    | 1586.8, | 0.0);   |       |             |
| ( 392507.0, | 3823424.1, | 1132.9, | 1586.8, | 0.0); | ( 392485.9, |
| 3823414.8,  | 1133.0,    | 1586.8, | 0.0);   |       |             |
| ( 392464.8, | 3823405.5, | 1135.1, | 1586.8, | 0.0); | ( 392443.7, |
| 3823396.2,  | 1134.3,    | 1586.8, | 0.0);   |       |             |
| ( 392422.6, | 3823386.9, | 1131.6, | 1586.8, | 0.0); | ( 392401.5, |
| 3823377.6,  | 1131.7,    | 1586.8, | 0.0);   |       |             |
| ( 392380.4, | 3823368.3, | 1139.0, | 1586.8, | 0.0); | ( 392359.3, |
| 3823359.1,  | 1148.9,    | 1586.8, | 0.0);   |       |             |
| ( 392338.2, | 3823349.8, | 1157.7, | 1586.8, | 0.0); | ( 392317.1, |
| 3823340.5,  | 1161.9,    | 1586.8, | 0.0);   |       |             |
| ( 392296.0, | 3823331.2, | 1159.7, | 1586.8, | 0.0); | ( 392274.9, |
| 3823321.9,  | 1152.3,    | 1586.8, | 0.0);   |       |             |
| ( 392253.8, | 3823312.6, | 1143.4, | 1586.8, | 0.0); | ( 392232.7, |
| 3823303.3,  | 1135.3,    | 1586.8, | 0.0);   |       |             |
| ( 392211.6, | 3823294.0, | 1128.2, | 1586.8, | 0.0); | ( 392190.5, |
| 3823284.8,  | 1123.4,    | 1586.8, | 0.0);   |       |             |
| ( 392169.4, | 3823275.5, | 1118.5, | 1586.8, | 0.0); | ( 392148.3, |
| 3823266.2,  | 1112.5,    | 1586.8, | 0.0);   |       |             |
| ( 392127.2, | 3823256.9, | 1109.0, | 1586.8, | 0.0); | ( 392106.1, |
| 3823247.6,  | 1103.7,    | 1587.8, | 0.0);   |       |             |
| ( 392085.0, | 3823238.3, | 1094.8, | 1587.8, | 0.0); | ( 392063.9, |
| 3823229.0,  | 1086.0,    | 1588.1, | 0.0);   |       |             |
| ( 392042.8, | 3823219.7, | 1084.1, | 1588.1, | 0.0); | ( 392021.7, |
| 3823210.4,  | 1084.2,    | 1588.1, | 0.0);   |       |             |
| ( 392000.6, | 3823201.1, | 1079.0, | 1588.1, | 0.0); | ( 391979.5, |
| 3823191.9,  | 1075.9,    | 1590.0, | 0.0);   |       |             |
| ( 391958.4, | 3823182.6, | 1078.9, | 1590.0, | 0.0); | ( 391937.3, |
| 3823173.3,  | 1088.1,    | 1588.1, | 0.0);   |       |             |
| ( 391916.2, | 3823164.0, | 1098.3, | 1588.1, | 0.0); | ( 391895.1, |
| 3823154.7,  | 1105.6,    | 1587.8, | 0.0);   |       |             |
| ( 391874.0, | 3823145.4, | 1108.8, | 1587.8, | 0.0); | ( 391852.9, |
| 3823136.1,  | 1110.0,    | 1587.8, | 0.0);   |       |             |
| ( 391831.8, | 3823126.8, | 1114.5, | 1587.8, | 0.0); | ( 391810.7, |
| 3823117.5,  | 1123.4,    | 1587.8, | 0.0);   |       |             |
| ( 391789.6, | 3823108.2, | 1134.5, | 1587.8, | 0.0); | ( 391768.5, |
| 3823099.0,  | 1144.7,    | 1586.8, | 0.0);   |       |             |
| ( 391747.4, | 3823089.7, | 1154.4, | 1586.8, | 0.0); | ( 391726.3, |
| 3823080.4,  | 1162.3,    | 1586.8, | 0.0);   |       |             |
| ( 391705.2, | 3823071.1, | 1164.9, | 1586.8, | 0.0); | ( 391684.1, |
| 3823061.8,  | 1167.5,    | 1586.8, | 0.0);   |       |             |
| ( 391663.0, | 3823052.5, | 1170.4, | 1586.8, | 0.0); | ( 391641.9, |
| 3823043.2,  | 1176.0,    | 1586.8, | 0.0);   |       |             |
| ( 391620.8, | 3823033.9, | 1183.0, | 1586.8, | 0.0); | ( 391599.7, |
| 3823024.6,  | 1190.1,    | 1586.8, | 0.0);   |       |             |
| ( 391578.6, | 3823015.4, | 1198.4, | 1586.8, | 0.0); | ( 391557.5, |
| 3823006.1,  | 1207.1,    | 1586.8, | 0.0);   |       |             |
| ( 391536.4, | 3822996.8, | 1212.1, | 1586.8, | 0.0); | ( 391515.3, |

```

3822987.5, 1208.3, 1586.8, 0.0);
(391494.2, 3822978.2, 1200.6, 1586.8, 0.0); (391473.1,
3822968.9, 1190.4, 1586.8, 0.0);
(391452.0, 3822959.6, 1178.9, 1586.8, 0.0); (391430.9,
3822950.3, 1167.0, 1587.8, 0.0);
(391409.8, 3822941.0, 1155.4, 1587.8, 0.0); (391388.7,
3822931.8, 1147.5, 1588.1, 0.0);
(391367.6, 3822922.5, 1150.4, 1588.1, 0.0); (391346.5,
3822913.2, 1157.8, 1587.8, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 363

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391325.4, 3822903.9, 1161.4, 1587.8, 0.0); (391304.2,
3822894.6, 1156.3, 1588.1, 0.0);
(391283.1, 3822885.3, 1147.5, 1590.0, 0.0); (391262.0,
3822876.0, 1137.8, 1590.0, 0.0);
(391093.2, 3822801.7, 1168.3, 1589.5, 0.0); (391072.1,
3822792.4, 1172.9, 1588.1, 0.0);
(391051.0, 3822783.1, 1180.5, 1588.1, 0.0); (391029.9,
3822773.8, 1188.3, 1587.8, 0.0);
(391008.8, 3822764.6, 1193.6, 1587.8, 0.0); (390987.7,
3822755.3, 1197.0, 1587.8, 0.0);
(390966.6, 3822746.0, 1202.5, 1587.8, 0.0); (390945.5,
3822736.7, 1210.3, 1587.8, 0.0);
(390924.4, 3822727.4, 1217.4, 1587.8, 0.0); (390903.3,
3822718.1, 1225.4, 1586.8, 0.0);
(390882.2, 3822708.8, 1234.3, 1586.8, 0.0); (390861.1,
3822699.5, 1242.6, 1586.8, 0.0);
(390840.0, 3822690.2, 1251.0, 1586.8, 0.0); (390818.9,
3822680.9, 1262.7, 1586.8, 0.0);
(390797.8, 3822671.7, 1273.3, 1586.8, 0.0); (390776.7,
3822662.4, 1283.5, 1586.8, 0.0);
(390755.6, 3822653.1, 1294.2, 1586.8, 0.0); (390734.5,
3822643.8, 1302.8, 1586.8, 0.0);
(390713.4, 3822634.5, 1307.8, 1586.8, 0.0); (390692.3,
3822625.2, 1306.6, 1586.8, 0.0);
(390671.2, 3822615.9, 1304.4, 1586.8, 0.0); (390650.1,
3822606.6, 1302.7, 1586.8, 0.0);
(390629.0, 3822597.3, 1303.2, 1586.8, 0.0); (390607.9,
3822588.1, 1306.8, 1586.8, 0.0);
(390586.8, 3822578.8, 1313.8, 1586.8, 0.0); (390565.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822569.5,  | 1318.4,    | 1586.8, | 0.0);   |       |             |
| ( 390544.6, | 3822560.2, | 1321.3, | 1586.8, | 0.0); | ( 390523.5, |
| 3822550.9,  | 1326.3,    | 1586.8, | 0.0);   |       |             |
| ( 390502.4, | 3822541.6, | 1332.3, | 1586.8, | 0.0); | ( 390481.3, |
| 3822532.3,  | 1335.6,    | 1586.8, | 0.0);   |       |             |
| ( 390460.2, | 3822523.0, | 1335.9, | 1586.8, | 0.0); | ( 390439.1, |
| 3822513.8,  | 1334.0,    | 1586.8, | 0.0);   |       |             |
| ( 390418.0, | 3822504.5, | 1328.9, | 1586.8, | 0.0); | ( 390396.9, |
| 3822495.2,  | 1322.0,    | 1586.8, | 0.0);   |       |             |
| ( 390375.8, | 3822485.9, | 1315.6, | 1586.8, | 0.0); | ( 390354.7, |
| 3822476.6,  | 1310.6,    | 1586.8, | 0.0);   |       |             |
| ( 390333.6, | 3822467.3, | 1306.6, | 1586.8, | 0.0); | ( 390312.5, |
| 3822458.0,  | 1304.9,    | 1586.8, | 0.0);   |       |             |
| ( 390291.4, | 3822448.7, | 1306.4, | 1586.8, | 0.0); | ( 390270.3, |
| 3822439.4,  | 1309.0,    | 1586.8, | 0.0);   |       |             |
| ( 390249.2, | 3822430.1, | 1312.3, | 1586.8, | 0.0); | ( 390228.1, |
| 3822420.9,  | 1316.3,    | 1586.8, | 0.0);   |       |             |
| ( 390207.0, | 3822411.6, | 1315.0, | 1586.8, | 0.0); | ( 390185.9, |
| 3822402.3,  | 1311.1,    | 1586.8, | 0.0);   |       |             |
| ( 390164.8, | 3822393.0, | 1309.1, | 1586.8, | 0.0); | ( 390143.7, |
| 3822383.7,  | 1309.4,    | 1586.8, | 0.0);   |       |             |
| ( 390122.6, | 3822374.4, | 1310.2, | 1586.8, | 0.0); | ( 390101.5, |
| 3822365.1,  | 1311.5,    | 1586.8, | 0.0);   |       |             |
| ( 390080.4, | 3822355.8, | 1314.3, | 1586.8, | 0.0); | ( 390059.3, |
| 3822346.5,  | 1314.5,    | 1586.8, | 0.0);   |       |             |
| ( 390038.2, | 3822337.2, | 1315.7, | 1586.8, | 0.0); | ( 390017.1, |
| 3822328.0,  | 1319.9,    | 1586.8, | 0.0);   |       |             |
| ( 389996.0, | 3822318.7, | 1327.2, | 1586.8, | 0.0); | ( 389974.9, |
| 3822309.4,  | 1333.9,    | 1586.8, | 0.0);   |       |             |
| ( 389953.8, | 3822300.1, | 1336.5, | 1586.8, | 0.0); | ( 389932.7, |
| 3822290.8,  | 1335.7,    | 1586.8, | 0.0);   |       |             |
| ( 389911.6, | 3822281.5, | 1336.2, | 1586.8, | 0.0); | ( 389890.5, |
| 3822272.2,  | 1338.7,    | 1586.8, | 0.0);   |       |             |
| ( 389869.4, | 3822262.9, | 1338.4, | 1586.8, | 0.0); | ( 389848.3, |
| 3822253.6,  | 1336.8,    | 1586.8, | 0.0);   |       |             |
| ( 389827.2, | 3822244.4, | 1335.4, | 1586.8, | 0.0); | ( 389806.1, |
| 3822235.1,  | 1334.7,    | 1586.8, | 0.0);   |       |             |
| ( 389785.0, | 3822225.8, | 1335.3, | 1586.8, | 0.0); | ( 389763.9, |
| 3822216.5,  | 1338.7,    | 1586.8, | 0.0);   |       |             |
| ( 389742.8, | 3822207.2, | 1343.0, | 1586.8, | 0.0); | ( 389721.7, |
| 3822197.9,  | 1347.8,    | 1586.8, | 0.0);   |       |             |
| ( 389700.6, | 3822188.6, | 1352.7, | 1586.8, | 0.0); | ( 389679.5, |
| 3822179.3,  | 1355.6,    | 1586.8, | 0.0);   |       |             |
| ( 389658.4, | 3822170.0, | 1353.9, | 1586.8, | 0.0); | ( 389637.2, |
| 3822160.8,  | 1352.1,    | 1586.8, | 0.0);   |       |             |
| ( 389616.1, | 3822151.5, | 1351.8, | 1586.8, | 0.0); | ( 389595.0, |
| 3822142.2,  | 1349.7,    | 1586.8, | 0.0);   |       |             |
| ( 389574.0, | 3822132.9, | 1347.2, | 1586.8, | 0.0); | ( 389552.8, |
| 3822123.6,  | 1344.0,    | 1586.8, | 0.0);   |       |             |
| ( 389531.8, | 3822114.3, | 1337.8, | 1587.8, | 0.0); | ( 389510.6, |

```

3822105.0, 1330.0, 1587.8, 0.0);
(389489.5, 3822095.7, 1322.1, 1587.8, 0.0); (389468.4,
3822086.4, 1313.7, 1588.1, 0.0);
(389447.3, 3822077.2, 1305.5, 1590.0, 0.0); (389426.2,
3822067.9, 1298.8, 1590.0, 0.0);
(389405.1, 3822058.6, 1292.8, 1590.1, 0.0); (389384.0,
3822049.3, 1286.8, 1590.1, 0.0);
(389362.9, 3822040.0, 1280.1, 1590.1, 0.0); (389341.8,
3822030.7, 1271.9, 1590.1, 0.0);
(389320.7, 3822021.4, 1262.8, 1590.1, 0.0); (389299.6,
3822012.1, 1253.3, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 364

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(389278.5, 3822002.8, 1242.9, 1590.1, 0.0); (389257.4,
3821993.6, 1232.4, 1590.1, 0.0);
(389236.3, 3821984.3, 1226.4, 1590.1, 0.0); (389215.2,
3821975.0, 1222.8, 1590.1, 0.0);
(389194.1, 3821965.7, 1221.9, 1590.1, 0.0); (389173.0,
3821956.4, 1220.5, 1590.1, 0.0);
(389151.9, 3821947.1, 1219.4, 1590.1, 0.0); (389130.8,
3821937.8, 1217.3, 1590.1, 0.0);
(389109.7, 3821928.5, 1214.7, 1590.1, 0.0); (389088.6,
3821919.2, 1212.4, 1590.1, 0.0);
(389004.2, 3821882.1, 1207.8, 1590.1, 0.0); (388983.1,
3821872.8, 1207.0, 1590.1, 0.0);
(388962.0, 3821863.5, 1204.4, 1590.1, 0.0); (388940.9,
3821854.2, 1201.7, 1590.1, 0.0);
(388919.8, 3821844.9, 1198.7, 1590.1, 0.0); (388898.7,
3821835.6, 1194.4, 1590.1, 0.0);
(388877.6, 3821826.3, 1190.6, 1590.1, 0.0); (388856.5,
3821817.1, 1186.0, 1590.1, 0.0);
(388835.4, 3821807.8, 1182.1, 1590.1, 0.0); (388814.3,
3821798.5, 1178.2, 1590.1, 0.0);
(388793.2, 3821789.2, 1173.9, 1590.1, 0.0); (388772.1,
3821779.9, 1171.1, 1590.1, 0.0);
(388751.0, 3821770.6, 1168.1, 1590.1, 0.0); (388721.7,
3821739.8, 1163.5, 1590.1, 0.0);
(388713.5, 3821718.2, 1163.1, 1590.1, 0.0); (388705.3,
3821696.7, 1163.4, 1590.1, 0.0);
(388697.1, 3821675.1, 1164.1, 1590.1, 0.0); (388689.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821653.6,  | 1164.0,    | 1590.1, | 0.0);   |       |             |
| ( 388680.8, | 3821632.0, | 1164.5, | 1590.1, | 0.0); | ( 388672.6, |
| 3821610.5,  | 1164.5,    | 1590.1, | 0.0);   |       |             |
| ( 388664.4, | 3821588.9, | 1168.4, | 1590.1, | 0.0); | ( 388656.2, |
| 3821567.3,  | 1170.5,    | 1590.1, | 0.0);   |       |             |
| ( 388648.0, | 3821545.8, | 1168.7, | 1590.1, | 0.0); | ( 388639.8, |
| 3821524.2,  | 1168.5,    | 1590.1, | 0.0);   |       |             |
| ( 388631.6, | 3821502.7, | 1170.2, | 1590.1, | 0.0); | ( 388623.5, |
| 3821481.1,  | 1172.3,    | 1590.1, | 0.0);   |       |             |
| ( 388615.3, | 3821459.6, | 1171.0, | 1590.1, | 0.0); | ( 388607.1, |
| 3821438.0,  | 1169.1,    | 1590.1, | 0.0);   |       |             |
| ( 388598.9, | 3821416.5, | 1166.8, | 1590.1, | 0.0); | ( 388590.7, |
| 3821394.9,  | 1165.7,    | 1590.1, | 0.0);   |       |             |
| ( 388582.5, | 3821373.4, | 1165.4, | 1590.1, | 0.0); | ( 388574.3, |
| 3821351.8,  | 1162.4,    | 1590.1, | 0.0);   |       |             |
| ( 388566.1, | 3821330.3, | 1156.6, | 1590.1, | 0.0); | ( 388558.0, |
| 3821308.7,  | 1151.2,    | 1590.1, | 0.0);   |       |             |
| ( 388549.8, | 3821287.2, | 1149.6, | 1590.1, | 0.0); | ( 388541.6, |
| 3821265.6,  | 1150.4,    | 1590.1, | 0.0);   |       |             |
| ( 388533.4, | 3821244.1, | 1156.4, | 1590.1, | 0.0); | ( 388525.2, |
| 3821222.5,  | 1156.5,    | 1590.1, | 0.0);   |       |             |
| ( 388517.0, | 3821201.0, | 1150.9, | 1590.1, | 0.0); | ( 388508.8, |
| 3821179.4,  | 1140.9,    | 1590.1, | 0.0);   |       |             |
| ( 388500.6, | 3821157.9, | 1133.2, | 1590.1, | 0.0); | ( 388492.5, |
| 3821136.3,  | 1126.9,    | 1590.1, | 0.0);   |       |             |
| ( 388484.3, | 3821114.8, | 1120.6, | 1590.1, | 0.0); | ( 388476.1, |
| 3821093.2,  | 1113.9,    | 1590.1, | 0.0);   |       |             |
| ( 388467.9, | 3821071.6, | 1110.3, | 1590.1, | 0.0); | ( 388459.7, |
| 3821050.1,  | 1106.8,    | 1590.1, | 0.0);   |       |             |
| ( 388451.5, | 3821028.5, | 1103.6, | 1590.1, | 0.0); | ( 388443.3, |
| 3821007.0,  | 1099.8,    | 1590.1, | 0.0);   |       |             |
| ( 388435.1, | 3820985.4, | 1095.2, | 1590.1, | 0.0); | ( 388427.0, |
| 3820963.9,  | 1092.1,    | 1590.1, | 0.0);   |       |             |
| ( 388418.8, | 3820942.3, | 1094.6, | 1590.1, | 0.0); | ( 388410.6, |
| 3820920.8,  | 1097.6,    | 1590.1, | 0.0);   |       |             |
| ( 388402.4, | 3820899.2, | 1099.9, | 1590.1, | 0.0); | ( 388394.2, |
| 3820877.7,  | 1099.4,    | 1590.1, | 0.0);   |       |             |
| ( 388386.0, | 3820856.1, | 1100.1, | 1590.1, | 0.0); | ( 388377.8, |
| 3820834.6,  | 1100.1,    | 1590.1, | 0.0);   |       |             |
| ( 388369.6, | 3820813.0, | 1098.9, | 1590.1, | 0.0); | ( 388361.5, |
| 3820791.5,  | 1099.9,    | 1590.1, | 0.0);   |       |             |
| ( 388353.3, | 3820769.9, | 1102.2, | 1590.1, | 0.0); | ( 388345.1, |
| 3820748.4,  | 1105.1,    | 1590.1, | 0.0);   |       |             |
| ( 388336.9, | 3820726.8, | 1107.7, | 1590.1, | 0.0); | ( 388328.7, |
| 3820705.2,  | 1111.5,    | 1590.1, | 0.0);   |       |             |
| ( 388320.5, | 3820683.7, | 1115.0, | 1590.1, | 0.0); | ( 388312.3, |
| 3820662.1,  | 1114.8,    | 1590.1, | 0.0);   |       |             |
| ( 388304.1, | 3820640.6, | 1110.3, | 1590.1, | 0.0); | ( 388296.0, |
| 3820619.0,  | 1103.4,    | 1590.1, | 0.0);   |       |             |
| ( 388287.8, | 3820597.5, | 1094.3, | 1590.1, | 0.0); | ( 388279.6, |



```

3820575.9, 1090.2, 1590.1, 0.0);
(388271.4, 3820554.4, 1090.2, 1590.1, 0.0); (388263.2,
3820532.8, 1090.5, 1590.1, 0.0);
(388255.0, 3820511.3, 1085.9, 1590.1, 0.0); (388246.8,
3820489.7, 1082.2, 1590.1, 0.0);
(388238.6, 3820468.2, 1078.2, 1590.1, 0.0); (388230.5,
3820446.6, 1070.5, 1590.1, 0.0);
(388222.3, 3820425.1, 1062.8, 1590.1, 0.0); (388214.1,
3820403.5, 1055.9, 1590.1, 0.0);
(388205.9, 3820382.0, 1052.1, 1590.1, 0.0); (388197.7,
3820360.4, 1055.0, 1590.1, 0.0);
(388189.5, 3820338.9, 1059.7, 1590.1, 0.0); (388181.3,
3820317.3, 1065.0, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 365

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(388173.1, 3820295.8, 1069.8, 1590.1, 0.0); (388164.9,
3820274.2, 1076.2, 1590.1, 0.0);
(388156.8, 3820252.6, 1084.0, 1590.1, 0.0); (388148.6,
3820231.1, 1093.4, 1590.1, 0.0);
(388140.4, 3820209.5, 1102.1, 1590.1, 0.0); (388132.2,
3820188.0, 1107.1, 1590.1, 0.0);
(388124.0, 3820166.4, 1105.1, 1590.1, 0.0); (388115.8,
3820144.9, 1096.9, 1590.1, 0.0);
(388107.6, 3820123.3, 1089.2, 1590.1, 0.0); (388099.4,
3820101.8, 1083.8, 1590.1, 0.0);
(388091.2, 3820080.2, 1082.3, 1590.1, 0.0); (388083.1,
3820058.7, 1082.4, 1590.1, 0.0);
(388074.9, 3820037.1, 1082.8, 1590.1, 0.0); (388066.7,
3820015.6, 1082.1, 1590.1, 0.0);
(388058.5, 3819994.0, 1079.1, 1590.1, 0.0); (388050.3,
3819972.5, 1073.3, 1590.1, 0.0);
(388042.1, 3819950.9, 1066.2, 1590.1, 0.0); (388033.9,
3819929.4, 1061.7, 1590.1, 0.0);
(388025.8, 3819907.8, 1057.3, 1590.1, 0.0); (388017.6,
3819886.3, 1052.1, 1590.1, 0.0);
(388009.4, 3819864.7, 1047.5, 1590.1, 0.0); (388001.2,
3819843.1, 1046.5, 1590.1, 0.0);
(387993.0, 3819821.6, 1049.6, 1590.1, 0.0); (387984.8,
3819800.0, 1057.8, 1590.1, 0.0);
(387976.6, 3819778.5, 1065.4, 1590.1, 0.0); (387968.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819756.9,  | 1068.3,    | 1590.1, | 0.0);   |       |             |
| ( 387960.2, | 3819735.4, | 1067.8, | 1590.1, | 0.0); | ( 387952.1, |
| 3819713.8,  | 1063.1,    | 1590.1, | 0.0);   |       |             |
| ( 387943.9, | 3819692.3, | 1056.8, | 1590.1, | 0.0); | ( 387935.7, |
| 3819670.7,  | 1050.7,    | 1590.1, | 0.0);   |       |             |
| ( 387927.5, | 3819649.2, | 1045.0, | 1590.1, | 0.0); | ( 387919.3, |
| 3819627.6,  | 1036.3,    | 1590.1, | 0.0);   |       |             |
| ( 387911.1, | 3819606.1, | 1029.6, | 1590.1, | 0.0); | ( 387902.9, |
| 3819584.5,  | 1028.1,    | 1590.1, | 0.0);   |       |             |
| ( 387894.8, | 3819563.0, | 1033.1, | 1590.1, | 0.0); | ( 387886.6, |
| 3819541.4,  | 1038.4,    | 1590.1, | 0.0);   |       |             |
| ( 387878.4, | 3819519.9, | 1042.3, | 1590.1, | 0.0); | ( 387870.2, |
| 3819498.3,  | 1041.6,    | 1590.1, | 0.0);   |       |             |
| ( 387862.0, | 3819476.8, | 1038.1, | 1590.1, | 0.0); | ( 387853.8, |
| 3819455.2,  | 1033.0,    | 1590.1, | 0.0);   |       |             |
| ( 387845.6, | 3819433.6, | 1029.9, | 1590.1, | 0.0); | ( 387837.4, |
| 3819412.1,  | 1028.3,    | 1590.1, | 0.0);   |       |             |
| ( 387829.2, | 3819390.5, | 1025.7, | 1590.1, | 0.0); | ( 387821.1, |
| 3819369.0,  | 1021.8,    | 1590.1, | 0.0);   |       |             |
| ( 387812.9, | 3819347.4, | 1021.4, | 1590.1, | 0.0); | ( 387804.7, |
| 3819325.9,  | 1022.7,    | 1590.1, | 0.0);   |       |             |
| ( 387796.5, | 3819304.3, | 1025.6, | 1590.1, | 0.0); | ( 387788.3, |
| 3819282.8,  | 1030.5,    | 1590.1, | 0.0);   |       |             |
| ( 387780.1, | 3819261.2, | 1036.6, | 1590.1, | 0.0); | ( 387771.9, |
| 3819239.7,  | 1043.4,    | 1590.1, | 0.0);   |       |             |
| ( 387763.7, | 3819218.1, | 1051.5, | 1590.1, | 0.0); | ( 387755.5, |
| 3819196.6,  | 1062.3,    | 1590.1, | 0.0);   |       |             |
| ( 387747.4, | 3819175.0, | 1073.3, | 1590.1, | 0.0); | ( 387739.2, |
| 3819153.5,  | 1083.8,    | 1590.1, | 0.0);   |       |             |
| ( 387731.0, | 3819131.9, | 1083.6, | 1590.1, | 0.0); | ( 387722.8, |
| 3819110.4,  | 1076.4,    | 1590.1, | 0.0);   |       |             |
| ( 387714.6, | 3819088.8, | 1065.6, | 1590.1, | 0.0); | ( 387706.4, |
| 3819067.3,  | 1056.0,    | 1590.1, | 0.0);   |       |             |
| ( 387698.2, | 3819045.7, | 1047.7, | 1590.1, | 0.0); | ( 387690.0, |
| 3819024.1,  | 1039.5,    | 1590.1, | 0.0);   |       |             |
| ( 387681.9, | 3819002.6, | 1032.8, | 1590.1, | 0.0); | ( 387673.7, |
| 3818981.0,  | 1026.5,    | 1590.1, | 0.0);   |       |             |
| ( 387665.5, | 3818959.5, | 1020.1, | 1590.1, | 0.0); | ( 387657.3, |
| 3818937.9,  | 1014.7,    | 1590.1, | 0.0);   |       |             |
| ( 387649.1, | 3818916.4, | 1009.9, | 1590.1, | 0.0); | ( 387640.9, |
| 3818894.8,  | 1005.4,    | 1590.1, | 0.0);   |       |             |
| ( 387632.7, | 3818873.3, | 1000.8, | 1590.1, | 0.0); | ( 387624.5, |
| 3818851.7,  | 996.3,     | 1590.1, | 0.0);   |       |             |
| ( 387616.4, | 3818830.2, | 992.5,  | 1590.1, | 0.0); | ( 387608.2, |
| 3818808.6,  | 988.1,     | 1590.1, | 0.0);   |       |             |
| ( 387600.0, | 3818787.1, | 984.4,  | 1590.1, | 0.0); | ( 387591.8, |
| 3818765.5,  | 981.1,     | 1590.1, | 0.0);   |       |             |
| ( 387583.6, | 3818744.0, | 977.5,  | 1590.1, | 0.0); | ( 387575.4, |
| 3818722.4,  | 974.6,     | 1590.1, | 0.0);   |       |             |
| ( 387567.2, | 3818700.9, | 971.7,  | 1590.1, | 0.0); | ( 387559.0, |

```

3818679.3, 968.8, 1590.1, 0.0);
(387550.9, 3818657.8, 965.9, 1590.1, 0.0); (387542.7,
3818636.2, 963.0, 1590.1, 0.0);
(387534.5, 3818614.7, 960.1, 1590.1, 0.0); (387526.3,
3818593.1, 957.3, 1590.1, 0.0);
(387518.1, 3818571.5, 954.6, 1590.1, 0.0); (387509.9,
3818550.0, 951.8, 1590.1, 0.0);
(387501.7, 3818528.4, 949.2, 1590.1, 0.0); (387493.5,
3818506.9, 946.9, 1590.1, 0.0);
(387485.4, 3818485.3, 944.8, 1590.1, 0.0); (387477.2,
3818463.8, 942.7, 1590.1, 0.0);
(387469.0, 3818442.2, 940.6, 1590.1, 0.0); (387460.8,
3818420.7, 938.7, 1590.1, 0.0);
(387452.6, 3818399.1, 937.0, 1590.1, 0.0); (387444.4,
3818377.6, 935.5, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 366

```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(387436.2, 3818356.0, 934.1, 1590.1, 0.0); (387428.0,
3818334.5, 931.4, 1590.1, 0.0);
(387419.9, 3818312.9, 929.2, 1590.1, 0.0); (387411.7,
3818291.4, 927.7, 1590.1, 0.0);
(387403.5, 3818269.8, 927.9, 1590.1, 0.0); (387395.3,
3818248.3, 928.5, 1590.1, 0.0);
(387387.1, 3818226.7, 928.8, 1590.1, 0.0); (387378.9,
3818205.2, 928.8, 1590.1, 0.0);
(387370.7, 3818183.6, 928.6, 1590.1, 0.0); (387362.5,
3818162.0, 927.3, 1590.1, 0.0);
(387354.3, 3818140.5, 924.1, 1590.1, 0.0); (387346.2,
3818118.9, 919.1, 1590.1, 0.0);
(387338.0, 3818097.4, 916.7, 1590.1, 0.0); (387329.8,
3818075.8, 916.5, 1590.1, 0.0);
(387321.6, 3818054.3, 917.9, 1590.1, 0.0); (387313.4,
3818032.7, 920.6, 1590.1, 0.0);
(387305.2, 3818011.2, 924.6, 1590.1, 0.0); (387297.0,
3817989.6, 930.1, 1590.1, 0.0);
(387288.8, 3817968.1, 936.5, 1590.1, 0.0); (387280.7,
3817946.5, 942.3, 1590.1, 0.0);
(387272.5, 3817925.0, 946.7, 1590.1, 0.0); (387264.3,
3817903.4, 949.8, 1590.1, 0.0);
(387256.1, 3817881.9, 952.3, 1590.1, 0.0); (387247.9,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817860.3,  | 953.2,     | 1590.1, | 0.0);   |       |             |
| ( 387239.7, | 3817838.8, | 953.3,  | 1590.1, | 0.0); | ( 387231.5, |
| 3817817.2,  | 953.6,     | 1590.1, | 0.0);   |       |             |
| ( 387223.3, | 3817795.7, | 954.9,  | 1590.1, | 0.0); | ( 387215.2, |
| 3817774.1,  | 956.4,     | 1590.1, | 0.0);   |       |             |
| ( 387207.0, | 3817752.5, | 957.8,  | 1590.1, | 0.0); | ( 387198.8, |
| 3817731.0,  | 957.8,     | 1590.1, | 0.0);   |       |             |
| ( 387190.6, | 3817709.4, | 957.0,  | 1590.1, | 0.0); | ( 387182.4, |
| 3817687.9,  | 956.4,     | 1590.1, | 0.0);   |       |             |
| ( 387174.2, | 3817666.3, | 956.3,  | 1590.1, | 0.0); | ( 387166.0, |
| 3817644.8,  | 956.3,     | 1590.1, | 0.0);   |       |             |
| ( 387157.8, | 3817623.2, | 956.1,  | 1590.1, | 0.0); | ( 387149.7, |
| 3817601.7,  | 956.3,     | 1590.1, | 0.0);   |       |             |
| ( 387141.5, | 3817580.1, | 956.7,  | 1590.1, | 0.0); | ( 387133.3, |
| 3817558.6,  | 956.7,     | 1590.1, | 0.0);   |       |             |
| ( 387125.1, | 3817537.0, | 956.5,  | 1590.1, | 0.0); | ( 387116.9, |
| 3817515.5,  | 954.1,     | 1590.1, | 0.0);   |       |             |
| ( 387108.7, | 3817493.9, | 951.2,  | 1590.1, | 0.0); | ( 387100.5, |
| 3817472.4,  | 950.5,     | 1590.1, | 0.0);   |       |             |
| ( 387092.3, | 3817450.8, | 951.2,  | 1590.1, | 0.0); | ( 387084.2, |
| 3817429.3,  | 952.7,     | 1590.1, | 0.0);   |       |             |
| ( 387076.0, | 3817407.7, | 954.8,  | 1590.1, | 0.0); | ( 387067.8, |
| 3817386.2,  | 958.3,     | 1590.1, | 0.0);   |       |             |
| ( 387059.6, | 3817364.6, | 961.6,  | 1590.1, | 0.0); | ( 387051.4, |
| 3817343.1,  | 966.5,     | 1590.1, | 0.0);   |       |             |
| ( 387043.2, | 3817321.5, | 973.1,  | 1590.1, | 0.0); | ( 387035.0, |
| 3817299.9,  | 980.3,     | 1590.1, | 0.0);   |       |             |
| ( 387026.8, | 3817278.4, | 988.2,  | 1590.1, | 0.0); | ( 387018.7, |
| 3817256.8,  | 995.5,     | 1590.1, | 0.0);   |       |             |
| ( 387010.5, | 3817235.3, | 1000.6, | 1590.1, | 0.0); | ( 387002.3, |
| 3817213.7,  | 1002.1,    | 1147.8, | 0.0);   |       |             |
| ( 386994.1, | 3817192.2, | 997.9,  | 1588.6, | 0.0); | ( 386985.9, |
| 3817170.6,  | 990.9,     | 1590.1, | 0.0);   |       |             |
| ( 386977.7, | 3817149.1, | 985.0,  | 1590.1, | 0.0); | ( 386969.5, |
| 3817127.5,  | 980.0,     | 1590.1, | 0.0);   |       |             |
| ( 386961.3, | 3817106.0, | 975.8,  | 1590.1, | 0.0); | ( 386953.1, |
| 3817084.4,  | 975.9,     | 1590.1, | 0.0);   |       |             |
| ( 386945.0, | 3817062.9, | 979.0,  | 1590.1, | 0.0); | ( 386936.8, |
| 3817041.3,  | 985.0,     | 1147.8, | 0.0);   |       |             |
| ( 386928.6, | 3817019.8, | 983.6,  | 1147.8, | 0.0); | ( 386920.4, |
| 3816998.2,  | 978.3,     | 1588.6, | 0.0);   |       |             |
| ( 386912.2, | 3816976.7, | 970.8,  | 1590.1, | 0.0); | ( 386904.0, |
| 3816955.1,  | 963.7,     | 1590.1, | 0.0);   |       |             |
| ( 386895.8, | 3816933.6, | 957.6,  | 1590.1, | 0.0); | ( 386887.6, |
| 3816912.0,  | 953.0,     | 1590.1, | 0.0);   |       |             |
| ( 386879.5, | 3816890.4, | 951.3,  | 1590.1, | 0.0); | ( 386871.3, |
| 3816868.9,  | 949.6,     | 1590.1, | 0.0);   |       |             |
| ( 386773.0, | 3816610.3, | 966.6,  | 1147.8, | 0.0); | ( 386764.8, |
| 3816588.7,  | 963.1,     | 1147.8, | 0.0);   |       |             |
| ( 386756.6, | 3816567.2, | 957.8,  | 1147.8, | 0.0); | ( 386748.5, |

```

3816545.6, 952.6, 1255.1, 0.0);
 (386740.3, 3816524.1, 950.1, 1255.1, 0.0); (386732.1,
3816502.5, 952.6, 1255.1, 0.0);
 (386723.9, 3816480.9, 957.4, 1255.1, 0.0); (386715.7,
3816459.4, 962.0, 1147.8, 0.0);
 (386707.5, 3816437.8, 966.2, 1147.8, 0.0); (386699.3,
3816416.3, 968.5, 1147.8, 0.0);
 (386691.1, 3816394.7, 967.8, 1147.8, 0.0); (386683.0,
3816373.2, 966.0, 1255.1, 0.0);
 (386674.8, 3816351.6, 965.6, 1255.1, 0.0); (386666.6,
3816330.1, 964.8, 1255.1, 0.0);
 (386658.4, 3816308.5, 960.8, 1255.1, 0.0); (386650.2,
3816287.0, 955.9, 1255.1, 0.0);
 (386642.0, 3816265.4, 951.8, 1255.1, 0.0); (386633.8,
3816243.9, 950.4, 1255.1, 0.0);
 (386625.6, 3816222.3, 952.9, 1255.1, 0.0); (386617.5,
3816200.8, 955.2, 1255.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 367

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (386609.3, 3816179.2, 957.1, 1255.1, 0.0); (386601.1,
3816157.7, 959.8, 1255.1, 0.0);
 (386592.9, 3816136.1, 962.5, 1255.1, 0.0); (386584.7,
3816114.6, 965.5, 1255.1, 0.0);
 (394348.7, 3824205.6, 926.0, 1586.8, 0.0); (394371.8,
3824206.0, 925.0, 1586.8, 0.0);
 (394394.8, 3824206.5, 924.0, 1586.8, 0.0); (394417.9,
3824206.9, 923.1, 1586.8, 0.0);
 (394440.9, 3824207.3, 922.1, 1586.8, 0.0); (394464.0,
3824207.7, 921.1, 1586.8, 0.0);
 (394487.0, 3824208.1, 920.1, 1586.8, 0.0); (392822.0,
3824906.5, 943.1, 1590.1, 0.0);
 (392800.9, 3824897.2, 947.8, 1590.1, 0.0); (392779.8,
3824887.9, 949.7, 1590.1, 0.0);
 (392758.7, 3824878.7, 949.4, 1590.1, 0.0); (392737.6,
3824869.4, 949.1, 1590.1, 0.0);
 (392716.6, 3824860.1, 949.2, 1590.1, 0.0); (392695.5,
3824850.8, 949.5, 1590.1, 0.0);
 (392674.4, 3824841.5, 949.5, 1590.1, 0.0); (392653.3,
3824832.3, 949.8, 1590.1, 0.0);
 (392632.2, 3824823.0, 950.6, 1590.1, 0.0); (392611.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824813.7,  | 950.9,     | 1590.1, | 0.0);   |       |             |
| ( 392590.1, | 3824804.4, | 950.4,  | 1590.1, | 0.0); | ( 392569.0, |
| 3824795.1,  | 949.8,     | 1590.1, | 0.0);   |       |             |
| ( 392547.9, | 3824785.9, | 950.0,  | 1590.1, | 0.0); | ( 392526.9, |
| 3824776.6,  | 951.1,     | 1590.1, | 0.0);   |       |             |
| ( 392505.8, | 3824767.3, | 950.6,  | 1590.1, | 0.0); | ( 392484.7, |
| 3824758.0,  | 950.3,     | 1590.1, | 0.0);   |       |             |
| ( 392463.6, | 3824748.8, | 951.3,  | 1590.1, | 0.0); | ( 392442.5, |
| 3824739.5,  | 953.7,     | 1590.1, | 0.0);   |       |             |
| ( 392421.5, | 3824730.2, | 955.5,  | 1590.1, | 0.0); | ( 392400.4, |
| 3824720.9,  | 955.5,     | 1590.1, | 0.0);   |       |             |
| ( 392379.3, | 3824711.6, | 955.7,  | 1590.1, | 0.0); | ( 392358.2, |
| 3824702.4,  | 957.0,     | 1590.1, | 0.0);   |       |             |
| ( 392337.1, | 3824693.1, | 959.3,  | 1590.1, | 0.0); | ( 392316.1, |
| 3824683.8,  | 959.7,     | 1590.1, | 0.0);   |       |             |
| ( 392295.0, | 3824674.5, | 959.3,  | 1590.1, | 0.0); | ( 392273.9, |
| 3824665.2,  | 958.8,     | 1590.1, | 0.0);   |       |             |
| ( 392252.8, | 3824656.0, | 959.2,  | 1590.1, | 0.0); | ( 392231.8, |
| 3824646.7,  | 962.1,     | 1590.1, | 0.0);   |       |             |
| ( 392210.7, | 3824637.4, | 968.6,  | 1590.1, | 0.0); | ( 392189.6, |
| 3824628.1,  | 975.6,     | 1590.1, | 0.0);   |       |             |
| ( 392168.5, | 3824618.8, | 984.5,  | 1590.1, | 0.0); | ( 392147.4, |
| 3824609.6,  | 993.5,     | 1590.1, | 0.0);   |       |             |
| ( 392126.4, | 3824600.3, | 998.0,  | 1590.1, | 0.0); | ( 392105.3, |
| 3824591.0,  | 997.8,     | 1590.1, | 0.0);   |       |             |
| ( 392084.2, | 3824581.7, | 996.8,  | 1590.1, | 0.0); | ( 392063.1, |
| 3824572.4,  | 997.7,     | 1590.1, | 0.0);   |       |             |
| ( 392042.0, | 3824563.2, | 1000.7, | 1590.1, | 0.0); | ( 392021.0, |
| 3824553.9,  | 1004.7,    | 1590.1, | 0.0);   |       |             |
| ( 391999.9, | 3824544.6, | 1007.1, | 1590.1, | 0.0); | ( 391978.8, |
| 3824535.3,  | 1006.5,    | 1590.1, | 0.0);   |       |             |
| ( 391957.7, | 3824526.0, | 1004.8, | 1590.1, | 0.0); | ( 391936.7, |
| 3824516.8,  | 1005.3,    | 1590.1, | 0.0);   |       |             |
| ( 391915.6, | 3824507.5, | 1004.7, | 1590.1, | 0.0); | ( 391894.5, |
| 3824498.2,  | 1008.0,    | 1590.1, | 0.0);   |       |             |
| ( 391873.4, | 3824488.9, | 1013.5, | 1590.1, | 0.0); | ( 391852.3, |
| 3824479.7,  | 1014.4,    | 1590.1, | 0.0);   |       |             |
| ( 391831.3, | 3824470.4, | 1008.6, | 1590.1, | 0.0); | ( 391810.2, |
| 3824461.1,  | 1002.5,    | 1590.1, | 0.0);   |       |             |
| ( 391789.1, | 3824451.8, | 997.4,  | 1590.1, | 0.0); | ( 391768.0, |
| 3824442.5,  | 992.6,     | 1590.1, | 0.0);   |       |             |
| ( 391747.0, | 3824433.3, | 989.3,  | 1590.1, | 0.0); | ( 391725.9, |
| 3824424.0,  | 988.0,     | 1590.1, | 0.0);   |       |             |
| ( 391704.8, | 3824414.7, | 987.0,  | 1590.1, | 0.0); | ( 391683.7, |
| 3824405.4,  | 986.0,     | 1590.1, | 0.0);   |       |             |
| ( 391662.6, | 3824396.1, | 983.2,  | 1590.1, | 0.0); | ( 391641.5, |
| 3824386.9,  | 982.2,     | 1590.1, | 0.0);   |       |             |
| ( 391620.5, | 3824377.6, | 983.1,  | 1590.1, | 0.0); | ( 391599.4, |
| 3824368.3,  | 984.9,     | 1590.1, | 0.0);   |       |             |
| ( 391578.3, | 3824359.0, | 986.9,  | 1590.1, | 0.0); | ( 391557.2, |

```

3824349.8, 988.9, 1590.1, 0.0);
(391536.2, 3824340.5, 991.0, 1590.1, 0.0); (391515.1,
3824331.2, 993.4, 1590.1, 0.0);
(391494.0, 3824321.9, 995.9, 1590.1, 0.0); (391472.9,
3824312.6, 998.1, 1590.1, 0.0);
(391451.8, 3824303.3, 1001.0, 1590.1, 0.0); (391430.8,
3824294.1, 1003.8, 1590.1, 0.0);
(391409.7, 3824284.8, 1007.1, 1590.1, 0.0); (391388.6,
3824275.5, 1011.4, 1590.1, 0.0);
(391367.5, 3824266.2, 1015.8, 1590.1, 0.0); (391346.5,
3824256.9, 1022.0, 1590.1, 0.0);
(391325.4, 3824247.7, 1029.4, 1590.1, 0.0); (391304.3,
3824238.4, 1035.9, 1590.1, 0.0);
(391283.2, 3824229.1, 1041.2, 1590.1, 0.0); (391262.1,
3824219.8, 1043.2, 1590.1, 0.0);
(391241.1, 3824210.6, 1042.1, 1590.1, 0.0); (391220.0,
3824201.3, 1040.8, 1590.1, 0.0);
(391198.9, 3824192.0, 1044.7, 1590.1, 0.0); (391177.8,
3824182.7, 1049.8, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** ***
17:54:19

```

PAGE 368

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(391156.7, 3824173.4, 1054.1, 1590.1, 0.0); (391135.7,
3824164.2, 1057.8, 1590.1, 0.0);
(391114.6, 3824154.9, 1065.0, 1590.1, 0.0); (391093.5,
3824145.6, 1075.1, 1590.1, 0.0);
(391072.4, 3824136.3, 1086.2, 1590.1, 0.0); (391051.3,
3824127.0, 1098.9, 1590.1, 0.0);
(391030.3, 3824117.8, 1111.1, 1590.1, 0.0); (391009.2,
3824108.5, 1122.4, 1590.1, 0.0);
(390988.1, 3824099.2, 1129.1, 1590.1, 0.0); (390967.0,
3824089.9, 1128.0, 1590.1, 0.0);
(390946.0, 3824080.6, 1120.4, 1590.1, 0.0); (390924.9,
3824071.4, 1111.8, 1590.1, 0.0);
(390903.8, 3824062.1, 1110.2, 1590.1, 0.0); (390882.7,
3824052.8, 1117.8, 1590.1, 0.0);
(390861.6, 3824043.5, 1124.4, 1590.1, 0.0); (390840.6,
3824034.2, 1132.1, 1590.1, 0.0);
(390819.5, 3824025.0, 1140.2, 1590.1, 0.0); (390798.4,
3824015.7, 1145.3, 1590.1, 0.0);
(390777.3, 3824006.4, 1146.2, 1590.1, 0.0); (390756.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823997.1,  | 1151.0,    | 1590.1, | 0.0);   |       |             |
| ( 390735.2, | 3823987.9, | 1158.1, | 1590.1, | 0.0); | ( 390714.1, |
| 3823978.6,  | 1163.4,    | 1590.1, | 0.0);   |       |             |
| ( 390693.0, | 3823969.3, | 1166.1, | 1590.1, | 0.0); | ( 390671.9, |
| 3823960.0,  | 1166.0,    | 1590.1, | 0.0);   |       |             |
| ( 390650.8, | 3823950.7, | 1163.4, | 1590.1, | 0.0); | ( 390629.8, |
| 3823941.5,  | 1159.7,    | 1590.1, | 0.0);   |       |             |
| ( 390608.7, | 3823932.2, | 1159.3, | 1590.1, | 0.0); | ( 390587.6, |
| 3823922.9,  | 1167.0,    | 1590.1, | 0.0);   |       |             |
| ( 390566.5, | 3823913.6, | 1179.7, | 1590.1, | 0.0); | ( 390545.5, |
| 3823904.3,  | 1192.6,    | 1590.1, | 0.0);   |       |             |
| ( 390524.4, | 3823895.1, | 1204.2, | 1590.0, | 0.0); | ( 390503.3, |
| 3823885.8,  | 1216.5,    | 1590.0, | 0.0);   |       |             |
| ( 390482.2, | 3823876.5, | 1229.3, | 1588.1, | 0.0); | ( 390334.7, |
| 3823811.5,  | 1232.3,    | 1590.0, | 0.0);   |       |             |
| ( 390313.6, | 3823802.3, | 1239.5, | 1589.5, | 0.0); | ( 390292.5, |
| 3823793.0,  | 1253.8,    | 1588.1, | 0.0);   |       |             |
| ( 390271.4, | 3823783.7, | 1268.0, | 1587.8, | 0.0); | ( 390250.4, |
| 3823774.4,  | 1280.0,    | 1587.8, | 0.0);   |       |             |
| ( 390229.3, | 3823765.2, | 1289.2, | 1586.8, | 0.0); | ( 390208.2, |
| 3823755.9,  | 1294.2,    | 1586.8, | 0.0);   |       |             |
| ( 390187.1, | 3823746.6, | 1293.9, | 1586.8, | 0.0); | ( 390166.0, |
| 3823737.3,  | 1289.0,    | 1587.8, | 0.0);   |       |             |
| ( 390145.0, | 3823728.0, | 1281.9, | 1587.8, | 0.0); | ( 390123.9, |
| 3823718.8,  | 1276.4,    | 1587.8, | 0.0);   |       |             |
| ( 390102.8, | 3823709.5, | 1281.8, | 1587.8, | 0.0); | ( 390081.7, |
| 3823700.2,  | 1294.1,    | 1587.8, | 0.0);   |       |             |
| ( 390060.6, | 3823690.9, | 1305.8, | 1586.8, | 0.0); | ( 390039.6, |
| 3823681.6,  | 1315.1,    | 1586.8, | 0.0);   |       |             |
| ( 390018.5, | 3823672.4, | 1323.7, | 1586.8, | 0.0); | ( 389997.4, |
| 3823663.1,  | 1332.8,    | 1586.8, | 0.0);   |       |             |
| ( 389976.3, | 3823653.8, | 1341.5, | 1586.8, | 0.0); | ( 389955.3, |
| 3823644.5,  | 1347.6,    | 1586.8, | 0.0);   |       |             |
| ( 389934.2, | 3823635.2, | 1351.9, | 1586.8, | 0.0); | ( 389913.1, |
| 3823626.0,  | 1357.5,    | 1586.8, | 0.0);   |       |             |
| ( 389892.0, | 3823616.7, | 1364.4, | 1586.8, | 0.0); | ( 389870.9, |
| 3823607.4,  | 1372.0,    | 1586.8, | 0.0);   |       |             |
| ( 389849.9, | 3823598.1, | 1380.8, | 1586.8, | 0.0); | ( 389828.8, |
| 3823588.8,  | 1389.9,    | 1586.8, | 0.0);   |       |             |
| ( 389807.7, | 3823579.6, | 1397.9, | 1586.8, | 0.0); | ( 389786.6, |
| 3823570.3,  | 1404.6,    | 1586.8, | 0.0);   |       |             |
| ( 389765.5, | 3823561.0, | 1410.3, | 1586.8, | 0.0); | ( 389744.5, |
| 3823551.7,  | 1414.1,    | 1586.8, | 0.0);   |       |             |
| ( 389723.4, | 3823542.4, | 1416.5, | 1586.8, | 0.0); | ( 389702.3, |
| 3823533.2,  | 1416.3,    | 1586.8, | 0.0);   |       |             |
| ( 389681.2, | 3823523.9, | 1412.6, | 1586.8, | 0.0); | ( 389660.1, |
| 3823514.6,  | 1407.6,    | 1586.8, | 0.0);   |       |             |
| ( 389639.1, | 3823505.3, | 1404.0, | 1586.8, | 0.0); | ( 389618.0, |
| 3823496.1,  | 1404.3,    | 1586.8, | 0.0);   |       |             |
| ( 389596.9, | 3823486.8, | 1411.1, | 1586.8, | 0.0); | ( 389575.8, |



```

3823477.5, 1423.6, 1586.8, 0.0);
(389554.8, 3823468.2, 1434.5, 1586.8, 0.0); (389533.7,
3823458.9, 1442.9, 1586.8, 0.0);
(389512.6, 3823449.7, 1447.5, 1586.8, 0.0); (389491.5,
3823440.4, 1448.5, 1586.8, 0.0);
(389470.4, 3823431.1, 1447.2, 1586.8, 0.0); (389449.4,
3823421.8, 1445.1, 1586.8, 0.0);
(389428.3, 3823412.5, 1444.3, 1586.8, 0.0); (389407.2,
3823403.3, 1449.7, 1586.8, 0.0);
(389386.1, 3823394.0, 1458.3, 1586.8, 0.0); (389365.0,
3823384.7, 1464.6, 1586.8, 0.0);
(389344.0, 3823375.4, 1463.2, 1586.8, 0.0); (389322.9,
3823366.1, 1459.1, 1586.8, 0.0);
(389301.8, 3823356.9, 1460.3, 1586.8, 0.0); (389280.7,
3823347.6, 1463.0, 1586.8, 0.0);
(389259.7, 3823338.3, 1464.3, 1586.8, 0.0); (389238.6,
3823329.0, 1464.7, 1586.8, 0.0);
(389217.5, 3823319.8, 1467.0, 1586.8, 0.0); (389196.4,
3823310.5, 1477.1, 1586.8, 0.0);
(389175.3, 3823301.2, 1488.4, 1586.8, 0.0); (389154.3,
3823291.9, 1497.9, 1586.8, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 369

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(389133.2, 3823282.6, 1504.6, 1584.3, 0.0); (389112.1,
3823273.4, 1508.9, 1581.5, 0.0);
(389091.0, 3823264.1, 1513.5, 1529.1, 0.0); (389070.0,
3823254.8, 1519.9, 1529.1, 0.0);
(389048.9, 3823245.5, 1525.5, 1529.1, 0.0); (389027.8,
3823236.2, 1528.3, 1528.3, 0.0);
(389006.7, 3823227.0, 1525.7, 1529.1, 0.0); (388985.6,
3823217.7, 1520.8, 1529.1, 0.0);
(388964.6, 3823208.4, 1513.4, 1586.8, 0.0); (388943.5,
3823199.1, 1504.4, 1586.8, 0.0);
(388922.4, 3823189.8, 1494.9, 1586.8, 0.0); (388901.3,
3823180.6, 1485.0, 1586.8, 0.0);
(388880.2, 3823171.3, 1475.4, 1586.8, 0.0); (388859.2,
3823162.0, 1466.8, 1586.8, 0.0);
(388838.1, 3823152.7, 1457.6, 1586.8, 0.0); (388817.0,
3823143.4, 1447.0, 1586.8, 0.0);
(388795.9, 3823134.2, 1435.5, 1587.8, 0.0); (388774.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823124.9,  | 1425.0,    | 1587.8, | 0.0);   |       |             |
| ( 388753.8, | 3823115.6, | 1415.5, | 1588.1, | 0.0); | ( 388732.7, |
| 3823106.3,  | 1413.2,    | 1588.1, | 0.0);   |       |             |
| ( 388711.6, | 3823097.0, | 1412.0, | 1588.1, | 0.0); | ( 388690.5, |
| 3823087.8,  | 1410.0,    | 1588.1, | 0.0);   |       |             |
| ( 388669.5, | 3823078.5, | 1408.1, | 1590.0, | 0.0); | ( 388648.4, |
| 3823069.2,  | 1406.5,    | 1590.0, | 0.0);   |       |             |
| ( 388627.3, | 3823059.9, | 1402.8, | 1590.0, | 0.0); | ( 388606.2, |
| 3823050.6,  | 1396.0,    | 1590.1, | 0.0);   |       |             |
| ( 388585.1, | 3823041.4, | 1389.6, | 1590.1, | 0.0); | ( 388564.1, |
| 3823032.1,  | 1382.5,    | 1590.1, | 0.0);   |       |             |
| ( 388543.0, | 3823022.8, | 1373.6, | 1590.1, | 0.0); | ( 388521.9, |
| 3823013.5,  | 1361.5,    | 1590.1, | 0.0);   |       |             |
| ( 388500.8, | 3823004.3, | 1346.3, | 1590.1, | 0.0); | ( 388479.8, |
| 3822995.0,  | 1343.4,    | 1590.1, | 0.0);   |       |             |
| ( 388458.7, | 3822985.7, | 1347.5, | 1590.1, | 0.0); | ( 388437.6, |
| 3822976.4,  | 1352.8,    | 1590.1, | 0.0);   |       |             |
| ( 388416.5, | 3822967.1, | 1357.0, | 1590.1, | 0.0); | ( 388395.4, |
| 3822957.9,  | 1359.9,    | 1590.1, | 0.0);   |       |             |
| ( 388374.3, | 3822948.6, | 1359.3, | 1590.1, | 0.0); | ( 388353.3, |
| 3822939.3,  | 1362.1,    | 1590.1, | 0.0);   |       |             |
| ( 388332.2, | 3822930.0, | 1370.4, | 1590.1, | 0.0); | ( 388311.1, |
| 3822920.8,  | 1380.8,    | 1590.1, | 0.0);   |       |             |
| ( 388290.0, | 3822911.5, | 1390.4, | 1590.1, | 0.0); | ( 388269.0, |
| 3822902.2,  | 1397.2,    | 1590.1, | 0.0);   |       |             |
| ( 388247.9, | 3822892.9, | 1399.0, | 1590.1, | 0.0); | ( 388226.8, |
| 3822883.6,  | 1395.8,    | 1590.1, | 0.0);   |       |             |
| ( 388205.7, | 3822874.3, | 1388.6, | 1590.1, | 0.0); | ( 388184.6, |
| 3822865.1,  | 1378.2,    | 1590.1, | 0.0);   |       |             |
| ( 388163.6, | 3822855.8, | 1366.6, | 1590.1, | 0.0); | ( 388142.5, |
| 3822846.5,  | 1357.5,    | 1590.1, | 0.0);   |       |             |
| ( 388058.2, | 3822809.4, | 1358.3, | 1590.1, | 0.0); | ( 388037.1, |
| 3822800.1,  | 1355.7,    | 1590.1, | 0.0);   |       |             |
| ( 388016.0, | 3822790.8, | 1353.7, | 1590.1, | 0.0); | ( 387994.9, |
| 3822781.6,  | 1351.0,    | 1590.1, | 0.0);   |       |             |
| ( 387973.9, | 3822772.3, | 1352.2, | 1590.1, | 0.0); | ( 387952.8, |
| 3822763.0,  | 1356.6,    | 1590.1, | 0.0);   |       |             |
| ( 387931.7, | 3822753.7, | 1362.4, | 1590.1, | 0.0); | ( 387910.6, |
| 3822744.4,  | 1369.3,    | 1590.1, | 0.0);   |       |             |
| ( 387889.5, | 3822735.2, | 1376.7, | 1590.1, | 0.0); | ( 387868.5, |
| 3822725.9,  | 1382.4,    | 1590.1, | 0.0);   |       |             |
| ( 387847.4, | 3822716.6, | 1385.0, | 1590.1, | 0.0); | ( 387826.3, |
| 3822707.3,  | 1383.0,    | 1590.1, | 0.0);   |       |             |
| ( 387805.2, | 3822698.0, | 1376.7, | 1590.1, | 0.0); | ( 387784.1, |
| 3822688.8,  | 1366.3,    | 1590.1, | 0.0);   |       |             |
| ( 387754.9, | 3822658.0, | 1342.1, | 1590.1, | 0.0); | ( 387746.7, |
| 3822636.4,  | 1332.0,    | 1590.1, | 0.0);   |       |             |
| ( 387738.5, | 3822614.9, | 1321.4, | 1590.1, | 0.0); | ( 387730.3, |
| 3822593.4,  | 1310.1,    | 1590.1, | 0.0);   |       |             |
| ( 387722.2, | 3822571.8, | 1298.0, | 1590.1, | 0.0); | ( 387714.0, |

```

3822550.3, 1285.6, 1590.1, 0.0);
(387705.8, 3822528.8, 1273.3, 1590.1, 0.0); (387697.6,
3822507.2, 1261.1, 1590.1, 0.0);
(387689.5, 3822485.7, 1249.5, 1590.1, 0.0); (387681.3,
3822464.2, 1238.8, 1590.1, 0.0);
(387673.1, 3822442.7, 1229.2, 1590.1, 0.0); (387664.9,
3822421.1, 1220.3, 1590.1, 0.0);
(387656.7, 3822399.6, 1213.9, 1590.1, 0.0); (387648.6,
3822378.1, 1208.8, 1590.1, 0.0);
(387640.4, 3822356.5, 1206.8, 1590.1, 0.0); (387632.2,
3822335.0, 1207.6, 1590.1, 0.0);
(387624.0, 3822313.5, 1208.9, 1590.1, 0.0); (387615.8,
3822291.9, 1208.4, 1590.1, 0.0);
(387607.7, 3822270.4, 1203.8, 1590.1, 0.0); (387599.5,
3822248.9, 1200.4, 1590.1, 0.0);
(387591.3, 3822227.4, 1199.4, 1590.1, 0.0); (387583.1,
3822205.8, 1199.8, 1590.1, 0.0);
(387575.0, 3822184.3, 1198.2, 1590.1, 0.0); (387566.8,
3822162.8, 1195.3, 1590.1, 0.0);
(387558.6, 3822141.2, 1191.3, 1590.1, 0.0); (387550.4,
3822119.7, 1187.1, 1590.1, 0.0);
(387542.2, 3822098.2, 1183.6, 1590.1, 0.0); (387534.1,
3822076.7, 1180.6, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 370

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(387525.9, 3822055.1, 1177.2, 1590.1, 0.0); (387517.7,
3822033.6, 1173.6, 1590.1, 0.0);
(387509.5, 3822012.1, 1170.4, 1590.1, 0.0); (387501.3,
3821990.5, 1167.0, 1590.1, 0.0);
(387493.2, 3821969.0, 1163.7, 1590.1, 0.0); (387485.0,
3821947.5, 1159.8, 1590.1, 0.0);
(387476.8, 3821925.9, 1155.7, 1590.1, 0.0); (387468.6,
3821904.4, 1151.7, 1590.1, 0.0);
(387460.4, 3821882.9, 1147.8, 1590.1, 0.0); (387452.3,
3821861.4, 1144.7, 1590.1, 0.0);
(387444.1, 3821839.8, 1144.4, 1590.1, 0.0); (387435.9,
3821818.3, 1144.4, 1590.1, 0.0);
(387427.7, 3821796.8, 1142.8, 1590.1, 0.0); (387419.5,
3821775.2, 1138.4, 1590.1, 0.0);
(387411.4, 3821753.7, 1133.8, 1590.1, 0.0); (387403.2,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821732.2,  | 1129.3,    | 1590.1, | 0.0);   |       |             |
| ( 387395.0, | 3821710.7, | 1124.6, | 1590.1, | 0.0); | ( 387386.8, |
| 3821689.1,  | 1119.8,    | 1590.1, | 0.0);   |       |             |
| ( 387378.6, | 3821667.6, | 1116.3, | 1590.1, | 0.0); | ( 387370.5, |
| 3821646.1,  | 1113.8,    | 1590.1, | 0.0);   |       |             |
| ( 387362.3, | 3821624.5, | 1111.9, | 1590.1, | 0.0); | ( 387354.1, |
| 3821603.0,  | 1109.0,    | 1590.1, | 0.0);   |       |             |
| ( 387345.9, | 3821581.5, | 1106.0, | 1590.1, | 0.0); | ( 387337.8, |
| 3821559.9,  | 1103.0,    | 1590.1, | 0.0);   |       |             |
| ( 387329.6, | 3821538.4, | 1100.7, | 1590.1, | 0.0); | ( 387321.4, |
| 3821516.9,  | 1098.6,    | 1590.1, | 0.0);   |       |             |
| ( 387313.2, | 3821495.4, | 1096.6, | 1590.1, | 0.0); | ( 387305.0, |
| 3821473.8,  | 1094.9,    | 1590.1, | 0.0);   |       |             |
| ( 387296.9, | 3821452.3, | 1093.0, | 1590.1, | 0.0); | ( 387288.7, |
| 3821430.8,  | 1091.1,    | 1590.1, | 0.0);   |       |             |
| ( 387280.5, | 3821409.2, | 1089.2, | 1590.1, | 0.0); | ( 387272.3, |
| 3821387.7,  | 1087.2,    | 1590.1, | 0.0);   |       |             |
| ( 387264.1, | 3821366.2, | 1085.3, | 1590.1, | 0.0); | ( 387256.0, |
| 3821344.7,  | 1083.4,    | 1590.1, | 0.0);   |       |             |
| ( 387247.8, | 3821323.1, | 1081.7, | 1590.1, | 0.0); | ( 387239.6, |
| 3821301.6,  | 1079.5,    | 1590.1, | 0.0);   |       |             |
| ( 387231.4, | 3821280.1, | 1077.3, | 1590.1, | 0.0); | ( 387223.2, |
| 3821258.5,  | 1075.7,    | 1590.1, | 0.0);   |       |             |
| ( 387215.1, | 3821237.0, | 1074.5, | 1590.1, | 0.0); | ( 387206.9, |
| 3821215.5,  | 1072.8,    | 1590.1, | 0.0);   |       |             |
| ( 387198.7, | 3821193.9, | 1070.5, | 1590.1, | 0.0); | ( 387190.5, |
| 3821172.4,  | 1068.5,    | 1590.1, | 0.0);   |       |             |
| ( 387182.4, | 3821150.9, | 1066.6, | 1590.1, | 0.0); | ( 387174.2, |
| 3821129.4,  | 1064.9,    | 1590.1, | 0.0);   |       |             |
| ( 387166.0, | 3821107.8, | 1063.2, | 1590.1, | 0.0); | ( 387157.8, |
| 3821086.3,  | 1061.5,    | 1590.1, | 0.0);   |       |             |
| ( 387149.6, | 3821064.8, | 1059.9, | 1590.1, | 0.0); | ( 387141.5, |
| 3821043.2,  | 1057.6,    | 1590.1, | 0.0);   |       |             |
| ( 387133.3, | 3821021.7, | 1055.5, | 1590.1, | 0.0); | ( 387125.1, |
| 3821000.2,  | 1053.3,    | 1590.1, | 0.0);   |       |             |
| ( 387116.9, | 3820978.6, | 1051.5, | 1590.1, | 0.0); | ( 387108.8, |
| 3820957.1,  | 1050.7,    | 1590.1, | 0.0);   |       |             |
| ( 387100.6, | 3820935.6, | 1050.1, | 1590.1, | 0.0); | ( 387092.4, |
| 3820914.1,  | 1049.4,    | 1590.1, | 0.0);   |       |             |
| ( 387084.2, | 3820892.5, | 1048.6, | 1590.1, | 0.0); | ( 387076.0, |
| 3820871.0,  | 1047.5,    | 1590.1, | 0.0);   |       |             |
| ( 387067.8, | 3820849.5, | 1046.1, | 1590.1, | 0.0); | ( 387059.7, |
| 3820827.9,  | 1044.9,    | 1590.1, | 0.0);   |       |             |
| ( 387051.5, | 3820806.4, | 1043.7, | 1590.1, | 0.0); | ( 387043.3, |
| 3820784.9,  | 1042.4,    | 1590.1, | 0.0);   |       |             |
| ( 387035.1, | 3820763.4, | 1040.9, | 1590.1, | 0.0); | ( 387027.0, |
| 3820741.8,  | 1039.8,    | 1590.1, | 0.0);   |       |             |
| ( 387018.8, | 3820720.3, | 1038.7, | 1590.1, | 0.0); | ( 387010.6, |
| 3820698.8,  | 1037.3,    | 1590.1, | 0.0);   |       |             |
| ( 387002.4, | 3820677.2, | 1036.0, | 1590.1, | 0.0); | ( 386994.2, |

```

3820655.7, 1035.0, 1590.1, 0.0);
(386986.1, 3820634.2, 1033.6, 1590.1, 0.0); (386977.9,
3820612.6, 1032.4, 1590.1, 0.0);
(386969.7, 3820591.1, 1031.3, 1590.1, 0.0); (386961.5,
3820569.6, 1029.8, 1590.1, 0.0);
(386953.3, 3820548.1, 1028.1, 1590.1, 0.0); (386945.2,
3820526.5, 1026.8, 1590.1, 0.0);
(386937.0, 3820505.0, 1025.2, 1590.1, 0.0); (386928.8,
3820483.5, 1023.7, 1590.1, 0.0);
(386920.6, 3820461.9, 1022.7, 1590.1, 0.0); (386912.5,
3820440.4, 1022.1, 1590.1, 0.0);
(386904.3, 3820418.9, 1021.7, 1590.1, 0.0); (386896.1,
3820397.4, 1021.3, 1590.1, 0.0);
(386887.9, 3820375.8, 1020.3, 1590.1, 0.0); (386879.7,
3820354.3, 1019.2, 1590.1, 0.0);
(386871.5, 3820332.8, 1018.1, 1590.1, 0.0); (386863.4,
3820311.2, 1017.0, 1590.1, 0.0);
(386855.2, 3820289.7, 1015.8, 1590.1, 0.0); (386847.0,
3820268.2, 1014.5, 1590.1, 0.0);
(386838.8, 3820246.6, 1013.3, 1590.1, 0.0); (386830.7,
3820225.1, 1012.1, 1590.1, 0.0);
(386822.5, 3820203.6, 1010.9, 1590.1, 0.0); (386814.3,
3820182.1, 1009.8, 1590.1, 0.0);
(386806.1, 3820160.5, 1008.9, 1590.1, 0.0); (386797.9,
3820139.0, 1007.8, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 371

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(386789.8, 3820117.5, 1006.8, 1590.1, 0.0); (386781.6,
3820095.9, 1005.7, 1590.1, 0.0);
(386773.4, 3820074.4, 1004.5, 1590.1, 0.0); (386765.2,
3820052.9, 1003.2, 1590.1, 0.0);
(386757.0, 3820031.4, 1002.0, 1590.1, 0.0); (386748.9,
3820009.8, 1001.1, 1590.1, 0.0);
(386740.7, 3819988.3, 1000.0, 1590.1, 0.0); (386732.5,
3819966.8, 998.8, 1590.1, 0.0);
(386724.3, 3819945.2, 997.6, 1590.1, 0.0); (386716.1,
3819923.7, 996.5, 1590.1, 0.0);
(386708.0, 3819902.2, 995.3, 1590.1, 0.0); (386699.8,
3819880.6, 994.2, 1590.1, 0.0);
(386691.6, 3819859.1, 993.0, 1590.1, 0.0); (386683.4,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819837.6,  | 991.9,     | 1590.1, | 0.0);   |       |             |
| ( 386675.3, | 3819816.1, | 990.6,  | 1590.1, | 0.0); | ( 386667.1, |
| 3819794.5,  | 989.5,     | 1590.1, | 0.0);   |       |             |
| ( 386658.9, | 3819773.0, | 988.4,  | 1590.1, | 0.0); | ( 386650.7, |
| 3819751.5,  | 987.4,     | 1590.1, | 0.0);   |       |             |
| ( 386642.5, | 3819729.9, | 986.4,  | 1590.1, | 0.0); | ( 386634.4, |
| 3819708.4,  | 985.4,     | 1590.1, | 0.0);   |       |             |
| ( 386626.2, | 3819686.9, | 984.3,  | 1590.1, | 0.0); | ( 386618.0, |
| 3819665.3,  | 983.0,     | 1590.1, | 0.0);   |       |             |
| ( 386609.8, | 3819643.8, | 981.8,  | 1590.1, | 0.0); | ( 386601.6, |
| 3819622.3,  | 980.6,     | 1590.1, | 0.0);   |       |             |
| ( 386593.5, | 3819600.8, | 979.1,  | 1590.1, | 0.0); | ( 386585.3, |
| 3819579.2,  | 977.2,     | 1590.1, | 0.0);   |       |             |
| ( 386577.1, | 3819557.7, | 975.5,  | 1590.1, | 0.0); | ( 386568.9, |
| 3819536.2,  | 974.1,     | 1590.1, | 0.0);   |       |             |
| ( 386560.8, | 3819514.6, | 973.1,  | 1590.1, | 0.0); | ( 386552.6, |
| 3819493.1,  | 972.9,     | 1590.1, | 0.0);   |       |             |
| ( 386544.4, | 3819471.6, | 973.0,  | 1590.1, | 0.0); | ( 386536.2, |
| 3819450.1,  | 972.4,     | 1590.1, | 0.0);   |       |             |
| ( 386528.0, | 3819428.5, | 971.3,  | 1590.1, | 0.0); | ( 386519.9, |
| 3819407.0,  | 970.1,     | 1590.1, | 0.0);   |       |             |
| ( 386511.7, | 3819385.5, | 970.0,  | 1590.1, | 0.0); | ( 386503.5, |
| 3819363.9,  | 970.3,     | 1590.1, | 0.0);   |       |             |
| ( 386495.3, | 3819342.4, | 970.8,  | 1590.1, | 0.0); | ( 386487.1, |
| 3819320.9,  | 970.4,     | 1590.1, | 0.0);   |       |             |
| ( 386479.0, | 3819299.3, | 969.5,  | 1590.1, | 0.0); | ( 386470.8, |
| 3819277.8,  | 968.7,     | 1590.1, | 0.0);   |       |             |
| ( 386462.6, | 3819256.3, | 967.9,  | 1590.1, | 0.0); | ( 386454.4, |
| 3819234.8,  | 967.2,     | 1590.1, | 0.0);   |       |             |
| ( 386446.2, | 3819213.2, | 966.4,  | 1590.1, | 0.0); | ( 386438.1, |
| 3819191.7,  | 965.6,     | 1590.1, | 0.0);   |       |             |
| ( 386429.9, | 3819170.2, | 964.8,  | 1590.1, | 0.0); | ( 386421.7, |
| 3819148.6,  | 964.0,     | 1590.1, | 0.0);   |       |             |
| ( 386413.5, | 3819127.1, | 963.2,  | 1590.1, | 0.0); | ( 386405.3, |
| 3819105.6,  | 962.5,     | 1590.1, | 0.0);   |       |             |
| ( 386397.2, | 3819084.1, | 961.7,  | 1590.1, | 0.0); | ( 386389.0, |
| 3819062.5,  | 960.9,     | 1590.1, | 0.0);   |       |             |
| ( 386380.8, | 3819041.0, | 959.7,  | 1590.1, | 0.0); | ( 386372.6, |
| 3819019.5,  | 957.9,     | 1590.1, | 0.0);   |       |             |
| ( 386364.5, | 3818997.9, | 955.9,  | 1590.1, | 0.0); | ( 386356.3, |
| 3818976.4,  | 954.1,     | 1590.1, | 0.0);   |       |             |
| ( 386348.1, | 3818954.9, | 952.7,  | 1590.1, | 0.0); | ( 386339.9, |
| 3818933.3,  | 951.0,     | 1590.1, | 0.0);   |       |             |
| ( 386331.7, | 3818911.8, | 950.1,  | 1590.1, | 0.0); | ( 386323.6, |
| 3818890.3,  | 949.8,     | 1590.1, | 0.0);   |       |             |
| ( 386315.4, | 3818868.8, | 949.8,  | 1590.1, | 0.0); | ( 386307.2, |
| 3818847.2,  | 949.9,     | 1590.1, | 0.0);   |       |             |
| ( 386299.0, | 3818825.7, | 950.8,  | 1590.1, | 0.0); | ( 386290.8, |
| 3818804.2,  | 953.7,     | 1590.1, | 0.0);   |       |             |
| ( 386282.7, | 3818782.6, | 955.9,  | 1590.1, | 0.0); | ( 386274.5, |

```

3818761.1, 956.6, 1590.1, 0.0);
 (386266.3, 3818739.6, 956.5, 1590.1, 0.0); (386258.1,
3818718.0, 959.4, 1590.1, 0.0);
 (386250.0, 3818696.5, 960.6, 1590.1, 0.0); (386241.8,
3818675.0, 960.7, 1590.1, 0.0);
 (386233.6, 3818653.5, 960.2, 1590.1, 0.0); (386225.4,
3818631.9, 962.6, 1590.1, 0.0);
 (386217.2, 3818610.4, 966.6, 1590.1, 0.0); (386209.0,
3818588.9, 972.0, 1590.1, 0.0);
 (386200.9, 3818567.3, 974.8, 1590.1, 0.0); (386192.7,
3818545.8, 976.8, 1590.1, 0.0);
 (386184.5, 3818524.3, 979.3, 1590.1, 0.0); (386176.3,
3818502.8, 981.0, 1590.1, 0.0);
 (386168.2, 3818481.2, 982.7, 1590.1, 0.0); (386160.0,
3818459.7, 984.8, 1590.1, 0.0);
 (386151.8, 3818438.2, 987.2, 1590.1, 0.0); (386143.6,
3818416.6, 989.4, 1590.1, 0.0);
 (386135.4, 3818395.1, 991.3, 1590.1, 0.0); (386127.3,
3818373.6, 992.5, 1590.1, 0.0);
 (386119.1, 3818352.0, 993.0, 1590.1, 0.0); (386110.9,
3818330.5, 993.5, 1590.1, 0.0);
 (386102.7, 3818309.0, 994.1, 1590.1, 0.0); (386094.5,
3818287.5, 996.1, 1590.1, 0.0);
 (386086.4, 3818265.9, 998.5, 1590.1, 0.0); (386078.2,
3818244.4, 1000.6, 1590.1, 0.0);
 (386070.0, 3818222.9, 1002.2, 1590.1, 0.0); (386061.8,
3818201.3, 1005.5, 1590.1, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 372

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (386053.6, 3818179.8, 1010.1, 1590.1, 0.0); (386045.5,
3818158.3, 1015.8, 1590.1, 0.0);
 (386037.3, 3818136.8, 1020.1, 1590.1, 0.0); (386029.1,
3818115.2, 1024.7, 1590.1, 0.0);
 (386020.9, 3818093.7, 1030.5, 1590.1, 0.0); (386012.8,
3818072.2, 1038.3, 1590.1, 0.0);
 (386004.6, 3818050.6, 1045.3, 1590.1, 0.0); (385996.4,
3818029.1, 1052.2, 1590.1, 0.0);
 (385988.2, 3818007.6, 1057.7, 1590.1, 0.0); (385980.0,
3817986.0, 1063.5, 1590.1, 0.0);
 (385971.9, 3817964.5, 1070.4, 1588.6, 0.0); (385963.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3817943.0,  | 1077.7,    | 1147.8, | 0.0);   |       |             |
| ( 385955.5, | 3817921.5, | 1085.6, | 1147.8, | 0.0); | ( 385947.3, |
| 3817899.9,  | 1093.2,    | 1147.8, | 0.0);   |       |             |
| ( 385939.1, | 3817878.4, | 1100.5, | 1147.8, | 0.0); | ( 385931.0, |
| 3817856.9,  | 1109.2,    | 1147.8, | 0.0);   |       |             |
| ( 385922.8, | 3817835.3, | 1118.7, | 1147.8, | 0.0); | ( 385914.6, |
| 3817813.8,  | 1128.0,    | 1147.8, | 0.0);   |       |             |
| ( 385906.4, | 3817792.3, | 1138.3, | 1147.7, | 0.0); | ( 385898.2, |
| 3817770.8,  | 1143.9,    | 1147.7, | 0.0);   |       |             |
| ( 385890.1, | 3817749.2, | 1146.4, | 1147.7, | 0.0); | ( 385881.9, |
| 3817727.7,  | 1145.5,    | 1146.0, | 0.0);   |       |             |
| ( 385873.7, | 3817706.2, | 1142.3, | 1146.0, | 0.0); | ( 385865.5, |
| 3817684.6,  | 1138.7,    | 1147.7, | 0.0);   |       |             |
| ( 385857.4, | 3817663.1, | 1133.9, | 1147.7, | 0.0); | ( 385849.2, |
| 3817641.6,  | 1126.9,    | 1147.8, | 0.0);   |       |             |
| ( 385841.0, | 3817620.0, | 1119.1, | 1147.8, | 0.0); | ( 385832.8, |
| 3817598.5,  | 1111.6,    | 1147.8, | 0.0);   |       |             |
| ( 385824.6, | 3817577.0, | 1103.2, | 1147.8, | 0.0); | ( 385816.5, |
| 3817555.5,  | 1094.3,    | 1147.8, | 0.0);   |       |             |
| ( 385808.3, | 3817533.9, | 1085.1, | 1147.8, | 0.0); | ( 385800.1, |
| 3817512.4,  | 1076.8,    | 1147.8, | 0.0);   |       |             |
| ( 385791.9, | 3817490.9, | 1069.0, | 1147.8, | 0.0); | ( 385783.7, |
| 3817469.3,  | 1062.1,    | 1147.8, | 0.0);   |       |             |
| ( 385464.8, | 3816629.7, | 1000.3, | 1147.8, | 0.0); | ( 385456.6, |
| 3816608.2,  | 994.4,     | 1147.8, | 0.0);   |       |             |
| ( 385448.4, | 3816586.6, | 988.8,  | 1147.8, | 0.0); | ( 385440.2, |
| 3816565.1,  | 983.5,     | 1147.8, | 0.0);   |       |             |
| ( 385432.0, | 3816543.6, | 978.9,  | 1147.8, | 0.0); | ( 385423.9, |
| 3816522.0,  | 974.7,     | 1147.8, | 0.0);   |       |             |
| ( 385415.7, | 3816500.5, | 971.1,  | 1147.8, | 0.0); | ( 385407.5, |
| 3816479.0,  | 968.6,     | 1147.8, | 0.0);   |       |             |
| ( 385399.3, | 3816457.5, | 966.0,  | 1147.8, | 0.0); | ( 385391.1, |
| 3816435.9,  | 964.6,     | 1147.8, | 0.0);   |       |             |
| ( 385383.0, | 3816414.4, | 968.0,  | 1147.8, | 0.0); | ( 385374.8, |
| 3816392.9,  | 972.9,     | 1147.8, | 0.0);   |       |             |
| ( 385366.6, | 3816371.3, | 978.0,  | 1147.8, | 0.0); | ( 385358.4, |
| 3816349.8,  | 983.9,     | 1147.8, | 0.0);   |       |             |
| ( 385350.3, | 3816328.3, | 993.4,  | 1147.7, | 0.0); | ( 385342.1, |
| 3816306.8,  | 1004.3,    | 1048.8, | 0.0);   |       |             |
| ( 385333.9, | 3816285.2, | 1016.2, | 1048.8, | 0.0); | ( 385325.7, |
| 3816263.7,  | 1027.5,    | 1048.8, | 0.0);   |       |             |
| ( 385317.5, | 3816242.2, | 1037.6, | 1048.8, | 0.0); | ( 385309.4, |
| 3816220.6,  | 1045.4,    | 1048.8, | 0.0);   |       |             |
| ( 385301.2, | 3816199.1, | 1046.5, | 1046.5, | 0.0); | ( 385293.0, |
| 3816177.6,  | 1040.7,    | 1048.8, | 0.0);   |       |             |
| ( 385284.8, | 3816156.0, | 1032.6, | 1048.8, | 0.0); | ( 385276.6, |
| 3816134.5,  | 1022.1,    | 1048.8, | 0.0);   |       |             |
| ( 385268.5, | 3816113.0, | 1011.2, | 1048.8, | 0.0); | ( 385260.3, |
| 3816091.4,  | 1002.3,    | 1048.8, | 0.0);   |       |             |
| ( 385252.1, | 3816069.9, | 994.4,  | 1048.8, | 0.0); | ( 394324.5, |



```

3825538.7, 877.0, 1586.8, 0.0);
(394347.5, 3825539.2, 877.2, 1586.8, 0.0); (394370.6,
3825539.6, 877.5, 1586.8, 0.0);
(394393.7, 3825540.0, 876.8, 1586.8, 0.0); (394416.7,
3825540.4, 875.4, 1586.8, 0.0);
(394439.8, 3825540.8, 875.1, 1586.8, 0.0); (394462.8,
3825541.3, 874.8, 1586.8, 0.0);
(392672.5, 3826184.5, 891.2, 1590.1, 0.0); (392651.5,
3826175.2, 892.1, 1590.1, 0.0);
(392630.4, 3826165.9, 892.7, 1590.1, 0.0); (392609.3,
3826156.7, 892.8, 1590.1, 0.0);
(392588.3, 3826147.4, 892.7, 1590.1, 0.0); (392567.2,
3826138.1, 893.1, 1590.1, 0.0);
(392546.1, 3826128.8, 893.7, 1590.1, 0.0); (392525.1,
3826119.6, 894.6, 1590.1, 0.0);
(392504.0, 3826110.3, 895.5, 1590.1, 0.0); (392483.0,
3826101.0, 896.8, 1590.1, 0.0);
(392461.9, 3826091.8, 898.8, 1590.1, 0.0); (392440.8,
3826082.5, 899.1, 1590.1, 0.0);
(392419.8, 3826073.2, 899.1, 1590.1, 0.0); (392398.7,
3826063.9, 898.9, 1590.1, 0.0);
(392377.6, 3826054.7, 898.9, 1590.1, 0.0); (392356.6,
3826045.4, 898.6, 1590.1, 0.0);
(392335.5, 3826036.1, 898.3, 1590.1, 0.0); (392314.5,
3826026.9, 899.7, 1590.1, 0.0);
(392293.4, 3826017.6, 901.2, 1590.1, 0.0); (392272.3,
3826008.3, 902.9, 1590.1, 0.0);
(392251.3, 3825999.0, 903.9, 1590.1, 0.0); (392230.2,
3825989.8, 903.9, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 373

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(392209.1, 3825980.5, 903.8, 1590.1, 0.0); (392188.1,
3825971.2, 904.2, 1590.1, 0.0);
(392167.0, 3825962.0, 904.6, 1590.1, 0.0); (392146.0,
3825952.7, 905.0, 1590.1, 0.0);
(392124.9, 3825943.4, 905.2, 1590.1, 0.0); (392103.8,
3825934.1, 905.7, 1590.1, 0.0);
(392082.8, 3825924.9, 906.1, 1590.1, 0.0); (392061.7,
3825915.6, 906.2, 1590.1, 0.0);
(392040.7, 3825906.3, 906.7, 1590.1, 0.0); (392019.6,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825897.1,  | 907.4,     | 1590.1, | 0.0);   |       |             |
| ( 391998.5, | 3825887.8, | 908.4,  | 1590.1, | 0.0); | ( 391977.5, |
| 3825878.5,  | 910.0,     | 1590.1, | 0.0);   |       |             |
| ( 391956.4, | 3825869.2, | 911.2,  | 1590.1, | 0.0); | ( 391935.3, |
| 3825860.0,  | 911.8,     | 1590.1, | 0.0);   |       |             |
| ( 391914.3, | 3825850.7, | 912.4,  | 1590.1, | 0.0); | ( 391893.2, |
| 3825841.4,  | 913.0,     | 1590.1, | 0.0);   |       |             |
| ( 391872.2, | 3825832.2, | 914.0,  | 1590.1, | 0.0); | ( 391851.1, |
| 3825822.9,  | 914.7,     | 1590.1, | 0.0);   |       |             |
| ( 391830.0, | 3825813.6, | 914.4,  | 1590.1, | 0.0); | ( 391809.0, |
| 3825804.3,  | 914.0,     | 1590.1, | 0.0);   |       |             |
| ( 391787.9, | 3825795.1, | 913.7,  | 1590.1, | 0.0); | ( 391766.8, |
| 3825785.8,  | 913.5,     | 1590.1, | 0.0);   |       |             |
| ( 391745.8, | 3825776.5, | 913.6,  | 1590.1, | 0.0); | ( 391724.7, |
| 3825767.2,  | 914.1,     | 1590.1, | 0.0);   |       |             |
| ( 391703.7, | 3825758.0, | 914.5,  | 1590.1, | 0.0); | ( 391682.6, |
| 3825748.7,  | 914.8,     | 1590.1, | 0.0);   |       |             |
| ( 391661.5, | 3825739.4, | 914.9,  | 1590.1, | 0.0); | ( 391640.5, |
| 3825730.2,  | 916.4,     | 1590.1, | 0.0);   |       |             |
| ( 391619.4, | 3825720.9, | 919.6,  | 1590.1, | 0.0); | ( 391598.4, |
| 3825711.6,  | 920.4,     | 1590.1, | 0.0);   |       |             |
| ( 391577.3, | 3825702.3, | 920.6,  | 1590.1, | 0.0); | ( 391556.2, |
| 3825693.1,  | 921.2,     | 1590.1, | 0.0);   |       |             |
| ( 391535.2, | 3825683.8, | 921.6,  | 1590.1, | 0.0); | ( 391514.1, |
| 3825674.5,  | 921.4,     | 1590.1, | 0.0);   |       |             |
| ( 391493.0, | 3825665.3, | 921.8,  | 1590.1, | 0.0); | ( 391472.0, |
| 3825656.0,  | 922.5,     | 1590.1, | 0.0);   |       |             |
| ( 391450.9, | 3825646.7, | 923.1,  | 1590.1, | 0.0); | ( 391429.9, |
| 3825637.4,  | 923.7,     | 1590.1, | 0.0);   |       |             |
| ( 391408.8, | 3825628.2, | 924.7,  | 1590.1, | 0.0); | ( 391387.7, |
| 3825618.9,  | 927.1,     | 1590.1, | 0.0);   |       |             |
| ( 391366.7, | 3825609.6, | 929.1,  | 1590.1, | 0.0); | ( 391345.6, |
| 3825600.4,  | 931.5,     | 1590.1, | 0.0);   |       |             |
| ( 391324.5, | 3825591.1, | 934.2,  | 1590.1, | 0.0); | ( 391303.5, |
| 3825581.8,  | 936.2,     | 1590.1, | 0.0);   |       |             |
| ( 391282.4, | 3825572.5, | 936.4,  | 1590.1, | 0.0); | ( 391261.4, |
| 3825563.3,  | 936.3,     | 1590.1, | 0.0);   |       |             |
| ( 391240.3, | 3825554.0, | 936.6,  | 1590.1, | 0.0); | ( 391219.2, |
| 3825544.7,  | 937.3,     | 1590.1, | 0.0);   |       |             |
| ( 391198.2, | 3825535.5, | 938.2,  | 1590.1, | 0.0); | ( 391177.1, |
| 3825526.2,  | 939.2,     | 1590.1, | 0.0);   |       |             |
| ( 391156.1, | 3825516.9, | 940.7,  | 1590.1, | 0.0); | ( 391135.0, |
| 3825507.6,  | 943.2,     | 1590.1, | 0.0);   |       |             |
| ( 391113.9, | 3825498.4, | 946.8,  | 1590.1, | 0.0); | ( 391092.9, |
| 3825489.1,  | 952.2,     | 1590.1, | 0.0);   |       |             |
| ( 391071.8, | 3825479.8, | 957.6,  | 1590.1, | 0.0); | ( 391050.8, |
| 3825470.5,  | 963.3,     | 1590.1, | 0.0);   |       |             |
| ( 391029.7, | 3825461.3, | 968.1,  | 1590.1, | 0.0); | ( 391008.6, |
| 3825452.0,  | 970.2,     | 1590.1, | 0.0);   |       |             |
| ( 390987.6, | 3825442.7, | 972.0,  | 1590.1, | 0.0); | ( 390966.5, |

```

3825433.5, 972.9, 1590.1, 0.0);
(390945.4, 3825424.2, 974.0, 1590.1, 0.0); (390924.4,
3825414.9, 976.0, 1590.1, 0.0);
(390903.3, 3825405.6, 980.8, 1590.1, 0.0); (390882.2,
3825396.4, 987.3, 1590.1, 0.0);
(390861.2, 3825387.1, 993.7, 1590.1, 0.0); (390840.1,
3825377.8, 998.7, 1590.1, 0.0);
(390819.1, 3825368.6, 1003.0, 1590.1, 0.0); (390798.0,
3825359.3, 1011.4, 1590.1, 0.0);
(390776.9, 3825350.0, 1021.1, 1590.1, 0.0); (390755.9,
3825340.8, 1029.5, 1590.1, 0.0);
(390734.8, 3825331.5, 1035.2, 1590.1, 0.0); (390713.8,
3825322.2, 1036.9, 1590.1, 0.0);
(390692.7, 3825312.9, 1034.9, 1590.1, 0.0); (390671.6,
3825303.7, 1031.2, 1590.1, 0.0);
(390650.6, 3825294.4, 1031.0, 1590.1, 0.0); (390629.5,
3825285.1, 1037.4, 1590.1, 0.0);
(390608.5, 3825275.8, 1044.7, 1590.1, 0.0); (390587.4,
3825266.6, 1046.5, 1590.1, 0.0);
(390566.3, 3825257.3, 1041.9, 1590.1, 0.0); (390545.3,
3825248.0, 1035.1, 1590.1, 0.0);
(390524.2, 3825238.8, 1027.4, 1590.1, 0.0); (390503.1,
3825229.5, 1024.0, 1590.1, 0.0);
(390482.1, 3825220.2, 1028.9, 1590.1, 0.0); (390461.0,
3825210.9, 1039.4, 1590.1, 0.0);
(390440.0, 3825201.7, 1048.0, 1590.1, 0.0); (390418.9,
3825192.4, 1049.5, 1590.1, 0.0);
(390397.8, 3825183.1, 1042.8, 1590.1, 0.0); (390376.8,
3825173.9, 1032.1, 1590.1, 0.0);
(390355.7, 3825164.6, 1021.7, 1590.1, 0.0); (390334.6,
3825155.3, 1019.0, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 374

\*\*\* MODELOPTs:    RegDFault   CONC   ELEV   RURAL   ADJ\_U\*   BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(390313.6, 3825146.0, 1026.0, 1590.1, 0.0); (390292.5,
3825136.8, 1027.8, 1590.1, 0.0);
(390271.5, 3825127.5, 1026.4, 1590.1, 0.0); (390250.4,
3825118.2, 1027.9, 1590.1, 0.0);
(390229.3, 3825108.9, 1035.4, 1590.1, 0.0); (390208.3,
3825099.7, 1041.9, 1590.1, 0.0);
(390187.2, 3825090.4, 1052.6, 1590.1, 0.0); (390166.1,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3825081.1,  | 1062.4,    | 1590.1, | 0.0);   |       |             |
| ( 390145.1, | 3825071.9, | 1072.5, | 1590.1, | 0.0); | ( 390124.0, |
| 3825062.6,  | 1083.5,    | 1590.1, | 0.0);   |       |             |
| ( 390103.0, | 3825053.3, | 1093.3, | 1590.1, | 0.0); | ( 390081.9, |
| 3825044.0,  | 1100.1,    | 1590.1, | 0.0);   |       |             |
| ( 390060.8, | 3825034.8, | 1102.6, | 1590.1, | 0.0); | ( 390039.8, |
| 3825025.5,  | 1101.8,    | 1590.1, | 0.0);   |       |             |
| ( 390018.7, | 3825016.2, | 1098.1, | 1590.1, | 0.0); | ( 389997.6, |
| 3825007.0,  | 1092.3,    | 1590.1, | 0.0);   |       |             |
| ( 389976.6, | 3824997.7, | 1087.1, | 1590.1, | 0.0); | ( 389955.5, |
| 3824988.4,  | 1088.3,    | 1590.1, | 0.0);   |       |             |
| ( 389934.5, | 3824979.1, | 1097.0, | 1590.1, | 0.0); | ( 389913.4, |
| 3824969.9,  | 1105.2,    | 1590.1, | 0.0);   |       |             |
| ( 389892.3, | 3824960.6, | 1109.1, | 1590.1, | 0.0); | ( 389871.3, |
| 3824951.3,  | 1106.5,    | 1590.1, | 0.0);   |       |             |
| ( 389850.2, | 3824942.1, | 1100.8, | 1590.1, | 0.0); | ( 389829.1, |
| 3824932.8,  | 1094.7,    | 1590.1, | 0.0);   |       |             |
| ( 389808.1, | 3824923.5, | 1087.5, | 1590.1, | 0.0); | ( 389787.0, |
| 3824914.2,  | 1079.8,    | 1590.1, | 0.0);   |       |             |
| ( 389766.0, | 3824905.0, | 1072.6, | 1590.1, | 0.0); | ( 389744.9, |
| 3824895.7,  | 1065.9,    | 1590.1, | 0.0);   |       |             |
| ( 389723.8, | 3824886.4, | 1059.4, | 1590.1, | 0.0); | ( 389555.3, |
| 3824812.2,  | 1069.1,    | 1590.1, | 0.0);   |       |             |
| ( 389534.3, | 3824803.0, | 1079.7, | 1590.1, | 0.0); | ( 389513.2, |
| 3824793.7,  | 1092.4,    | 1590.1, | 0.0);   |       |             |
| ( 389492.2, | 3824784.4, | 1105.5, | 1590.1, | 0.0); | ( 389471.1, |
| 3824775.2,  | 1118.5,    | 1590.1, | 0.0);   |       |             |
| ( 389450.0, | 3824765.9, | 1130.0, | 1590.1, | 0.0); | ( 389429.0, |
| 3824756.6,  | 1140.0,    | 1590.1, | 0.0);   |       |             |
| ( 389407.9, | 3824747.3, | 1149.7, | 1590.1, | 0.0); | ( 389386.8, |
| 3824738.1,  | 1158.8,    | 1590.1, | 0.0);   |       |             |
| ( 389365.8, | 3824728.8, | 1168.4, | 1590.1, | 0.0); | ( 389344.7, |
| 3824719.5,  | 1177.7,    | 1590.1, | 0.0);   |       |             |
| ( 389323.7, | 3824710.3, | 1186.1, | 1590.1, | 0.0); | ( 389302.6, |
| 3824701.0,  | 1194.0,    | 1590.1, | 0.0);   |       |             |
| ( 389281.5, | 3824691.7, | 1200.0, | 1590.1, | 0.0); | ( 389260.5, |
| 3824682.4,  | 1203.1,    | 1590.1, | 0.0);   |       |             |
| ( 389239.4, | 3824673.2, | 1204.6, | 1590.1, | 0.0); | ( 389218.4, |
| 3824663.9,  | 1204.2,    | 1590.1, | 0.0);   |       |             |
| ( 389197.3, | 3824654.6, | 1201.1, | 1590.1, | 0.0); | ( 389176.2, |
| 3824645.4,  | 1195.8,    | 1590.1, | 0.0);   |       |             |
| ( 389155.2, | 3824636.1, | 1190.3, | 1590.1, | 0.0); | ( 389134.1, |
| 3824626.8,  | 1185.6,    | 1590.1, | 0.0);   |       |             |
| ( 389113.0, | 3824617.5, | 1182.1, | 1590.1, | 0.0); | ( 389092.0, |
| 3824608.3,  | 1177.0,    | 1590.1, | 0.0);   |       |             |
| ( 389070.9, | 3824599.0, | 1172.7, | 1590.1, | 0.0); | ( 389049.9, |
| 3824589.7,  | 1174.2,    | 1590.1, | 0.0);   |       |             |
| ( 389028.8, | 3824580.5, | 1181.8, | 1590.1, | 0.0); | ( 389007.7, |
| 3824571.2,  | 1191.8,    | 1590.1, | 0.0);   |       |             |
| ( 388986.7, | 3824561.9, | 1202.7, | 1590.1, | 0.0); | ( 388965.6, |

```

3824552.6, 1212.1, 1590.1, 0.0);
(388944.5, 3824543.4, 1219.0, 1590.1, 0.0); (388923.5,
3824534.1, 1223.5, 1590.1, 0.0);
(388902.4, 3824524.8, 1226.0, 1590.1, 0.0); (388881.4,
3824515.6, 1227.5, 1590.1, 0.0);
(388860.3, 3824506.3, 1229.1, 1590.1, 0.0); (388839.2,
3824497.0, 1232.7, 1590.1, 0.0);
(388818.2, 3824487.7, 1237.7, 1590.1, 0.0); (388797.1,
3824478.5, 1242.1, 1590.1, 0.0);
(388776.1, 3824469.2, 1244.2, 1590.1, 0.0); (388755.0,
3824459.9, 1246.6, 1590.1, 0.0);
(388733.9, 3824450.6, 1251.0, 1590.1, 0.0); (388712.9,
3824441.4, 1258.0, 1590.1, 0.0);
(388691.8, 3824432.1, 1266.2, 1590.1, 0.0); (388670.8,
3824422.8, 1273.9, 1590.1, 0.0);
(388649.7, 3824413.6, 1277.1, 1590.1, 0.0); (388628.6,
3824404.3, 1275.0, 1590.1, 0.0);
(388607.6, 3824395.0, 1270.7, 1590.1, 0.0); (388586.5,
3824385.8, 1265.8, 1590.1, 0.0);
(388565.4, 3824376.5, 1261.5, 1590.1, 0.0); (388544.4,
3824367.2, 1262.1, 1590.1, 0.0);
(388523.3, 3824357.9, 1270.9, 1590.1, 0.0); (388502.2,
3824348.7, 1282.0, 1590.1, 0.0);
(388481.2, 3824339.4, 1294.3, 1590.1, 0.0); (388460.1,
3824330.1, 1305.4, 1590.1, 0.0);
(388439.1, 3824320.8, 1312.2, 1590.1, 0.0); (388418.0,
3824311.6, 1312.0, 1590.1, 0.0);
(388396.9, 3824302.3, 1309.6, 1590.1, 0.0); (388375.9,
3824293.0, 1307.0, 1590.1, 0.0);
(388354.8, 3824283.8, 1306.0, 1590.1, 0.0); (388333.8,
3824274.5, 1306.3, 1590.1, 0.0);
(388312.7, 3824265.2, 1305.1, 1590.1, 0.0); (388291.6,
3824255.9, 1296.5, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 375

```

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* BUOYLINE

```

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

```

(388270.6, 3824246.7, 1288.3, 1590.1, 0.0); (388249.5,
3824237.4, 1287.3, 1590.1, 0.0);
(388228.5, 3824228.1, 1294.0, 1590.1, 0.0); (388207.4,
3824218.9, 1302.7, 1590.1, 0.0);
(388186.3, 3824209.6, 1309.1, 1590.1, 0.0); (388165.3,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824200.3,  | 1312.5,    | 1590.1, | 0.0);   |       |             |
| ( 388144.2, | 3824191.0, | 1316.9, | 1590.1, | 0.0); | ( 388123.1, |
| 3824181.8,  | 1321.6,    | 1590.1, | 0.0);   |       |             |
| ( 388102.1, | 3824172.5, | 1325.3, | 1590.1, | 0.0); | ( 388081.0, |
| 3824163.2,  | 1326.9,    | 1590.1, | 0.0);   |       |             |
| ( 388060.0, | 3824153.9, | 1320.7, | 1590.1, | 0.0); | ( 388038.9, |
| 3824144.7,  | 1319.4,    | 1590.1, | 0.0);   |       |             |
| ( 388017.8, | 3824135.4, | 1322.8, | 1590.1, | 0.0); | ( 387996.8, |
| 3824126.1,  | 1327.9,    | 1590.1, | 0.0);   |       |             |
| ( 387975.7, | 3824116.9, | 1332.7, | 1590.1, | 0.0); | ( 387954.6, |
| 3824107.6,  | 1338.0,    | 1590.1, | 0.0);   |       |             |
| ( 387933.6, | 3824098.3, | 1342.4, | 1590.1, | 0.0); | ( 387912.5, |
| 3824089.0,  | 1343.6,    | 1590.1, | 0.0);   |       |             |
| ( 387891.5, | 3824079.8, | 1344.3, | 1590.1, | 0.0); | ( 387870.4, |
| 3824070.5,  | 1346.6,    | 1590.1, | 0.0);   |       |             |
| ( 387849.3, | 3824061.2, | 1350.5, | 1590.1, | 0.0); | ( 387828.3, |
| 3824052.0,  | 1354.8,    | 1590.1, | 0.0);   |       |             |
| ( 387807.2, | 3824042.7, | 1357.1, | 1590.1, | 0.0); | ( 387786.1, |
| 3824033.4,  | 1352.1,    | 1590.1, | 0.0);   |       |             |
| ( 387765.1, | 3824024.1, | 1345.1, | 1590.1, | 0.0); | ( 387744.0, |
| 3824014.9,  | 1346.4,    | 1590.1, | 0.0);   |       |             |
| ( 387723.0, | 3824005.6, | 1359.8, | 1590.1, | 0.0); | ( 387701.9, |
| 3823996.3,  | 1372.0,    | 1590.1, | 0.0);   |       |             |
| ( 387680.8, | 3823987.1, | 1383.5, | 1590.1, | 0.0); | ( 387659.8, |
| 3823977.8,  | 1394.8,    | 1590.1, | 0.0);   |       |             |
| ( 387638.7, | 3823968.5, | 1405.2, | 1590.1, | 0.0); | ( 387617.6, |
| 3823959.2,  | 1413.4,    | 1590.1, | 0.0);   |       |             |
| ( 387596.6, | 3823950.0, | 1418.9, | 1590.1, | 0.0); | ( 387575.5, |
| 3823940.7,  | 1421.5,    | 1590.1, | 0.0);   |       |             |
| ( 387554.5, | 3823931.4, | 1421.8, | 1590.1, | 0.0); | ( 387533.4, |
| 3823922.2,  | 1420.9,    | 1590.1, | 0.0);   |       |             |
| ( 387512.3, | 3823912.9, | 1419.9, | 1590.1, | 0.0); | ( 387491.3, |
| 3823903.6,  | 1419.0,    | 1590.1, | 0.0);   |       |             |
| ( 387470.2, | 3823894.3, | 1416.7, | 1590.1, | 0.0); | ( 387449.2, |
| 3823885.1,  | 1415.3,    | 1590.1, | 0.0);   |       |             |
| ( 387428.1, | 3823875.8, | 1414.6, | 1590.1, | 0.0); | ( 387407.0, |
| 3823866.5,  | 1414.9,    | 1590.1, | 0.0);   |       |             |
| ( 387386.0, | 3823857.3, | 1417.7, | 1590.1, | 0.0); | ( 387364.9, |
| 3823848.0,  | 1420.7,    | 1590.1, | 0.0);   |       |             |
| ( 387343.8, | 3823838.7, | 1420.0, | 1590.1, | 0.0); | ( 387322.8, |
| 3823829.4,  | 1414.3,    | 1590.1, | 0.0);   |       |             |
| ( 387301.7, | 3823820.2, | 1405.3, | 1590.1, | 0.0); | ( 387280.7, |
| 3823810.9,  | 1393.9,    | 1590.1, | 0.0);   |       |             |
| ( 387259.6, | 3823801.6, | 1383.0, | 1590.1, | 0.0); | ( 387238.5, |
| 3823792.3,  | 1381.4,    | 1590.1, | 0.0);   |       |             |
| ( 387217.5, | 3823783.1, | 1385.1, | 1590.1, | 0.0); | ( 387196.4, |
| 3823773.8,  | 1386.9,    | 1590.1, | 0.0);   |       |             |
| ( 387175.3, | 3823764.5, | 1386.8, | 1590.1, | 0.0); | ( 387112.2, |
| 3823736.7,  | 1383.3,    | 1590.1, | 0.0);   |       |             |
| ( 387091.1, | 3823727.4, | 1385.3, | 1590.1, | 0.0); | ( 387070.0, |

```

3823718.2, 1388.1, 1590.1, 0.0);
(387049.0, 3823708.9, 1392.5, 1590.1, 0.0); (387027.9,
3823699.6, 1397.3, 1590.1, 0.0);
(387006.9, 3823690.4, 1403.3, 1590.1, 0.0); (386985.8,
3823681.1, 1410.8, 1590.1, 0.0);
(386964.7, 3823671.8, 1417.2, 1590.1, 0.0); (386943.7,
3823662.5, 1419.3, 1590.1, 0.0);
(386922.6, 3823653.3, 1419.2, 1590.1, 0.0); (386901.5,
3823644.0, 1422.7, 1590.1, 0.0);
(386880.5, 3823634.7, 1429.1, 1590.1, 0.0); (386859.4,
3823625.5, 1437.2, 1590.1, 0.0);
(386838.4, 3823616.2, 1445.8, 1590.1, 0.0); (386817.3,
3823606.9, 1452.9, 1590.1, 0.0);
(386788.1, 3823576.1, 1462.1, 1590.1, 0.0); (386779.9,
3823554.6, 1467.3, 1590.1, 0.0);
(386771.7, 3823533.1, 1473.1, 1590.1, 0.0); (386763.5,
3823511.6, 1480.5, 1590.1, 0.0);
(386755.4, 3823490.1, 1487.5, 1590.1, 0.0); (386747.2,
3823468.6, 1495.6, 1590.1, 0.0);
(386739.0, 3823447.1, 1505.8, 1590.1, 0.0); (386730.9,
3823425.5, 1515.0, 1590.1, 0.0);
(386722.7, 3823404.0, 1523.1, 1590.1, 0.0); (386714.5,
3823382.5, 1529.0, 1590.1, 0.0);
(386706.3, 3823361.0, 1534.4, 1590.1, 0.0); (386698.2,
3823339.5, 1539.8, 1590.1, 0.0);
(386690.0, 3823318.0, 1544.9, 1590.1, 0.0); (386681.8,
3823296.5, 1549.8, 1590.1, 0.0);
(386673.6, 3823275.0, 1554.3, 1590.1, 0.0); (386665.5,
3823253.4, 1559.4, 1590.1, 0.0);
(386657.3, 3823231.9, 1565.9, 1590.1, 0.0); (386649.1,
3823210.4, 1571.8, 1590.1, 0.0);
(386641.0, 3823188.9, 1575.7, 1590.1, 0.0); (386632.8,
3823167.4, 1577.6, 1590.1, 0.0);
(386624.6, 3823145.9, 1577.6, 1590.1, 0.0); (386616.4,
3823124.4, 1576.0, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 376

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(386608.3, 3823102.9, 1573.0, 1590.1, 0.0); (386600.1,
3823081.3, 1569.0, 1590.1, 0.0);
(386591.9, 3823059.8, 1564.0, 1590.1, 0.0); (386583.8,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3823038.3,  | 1557.9,    | 1590.1, | 0.0);   |       |             |
| ( 386575.6, | 3823016.8, | 1551.0, | 1590.1, | 0.0); | ( 386567.4, |
| 3822995.3,  | 1544.6,    | 1590.1, | 0.0);   |       |             |
| ( 386559.2, | 3822973.8, | 1539.9, | 1590.1, | 0.0); | ( 386551.1, |
| 3822952.3,  | 1535.7,    | 1590.1, | 0.0);   |       |             |
| ( 386542.9, | 3822930.8, | 1532.7, | 1590.1, | 0.0); | ( 386534.7, |
| 3822909.2,  | 1529.6,    | 1590.1, | 0.0);   |       |             |
| ( 386526.5, | 3822887.7, | 1525.6, | 1590.1, | 0.0); | ( 386518.4, |
| 3822866.2,  | 1521.3,    | 1590.1, | 0.0);   |       |             |
| ( 386510.2, | 3822844.7, | 1515.0, | 1590.1, | 0.0); | ( 386502.0, |
| 3822823.2,  | 1507.6,    | 1590.1, | 0.0);   |       |             |
| ( 386493.8, | 3822801.7, | 1499.9, | 1590.1, | 0.0); | ( 386485.7, |
| 3822780.2,  | 1492.5,    | 1590.1, | 0.0);   |       |             |
| ( 386477.5, | 3822758.7, | 1485.7, | 1590.1, | 0.0); | ( 386469.3, |
| 3822737.1,  | 1479.1,    | 1590.1, | 0.0);   |       |             |
| ( 386461.2, | 3822715.6, | 1473.0, | 1590.1, | 0.0); | ( 386453.0, |
| 3822694.1,  | 1465.9,    | 1590.1, | 0.0);   |       |             |
| ( 386444.8, | 3822672.6, | 1459.1, | 1590.1, | 0.0); | ( 386436.6, |
| 3822651.1,  | 1454.8,    | 1590.1, | 0.0);   |       |             |
| ( 386428.5, | 3822629.6, | 1449.8, | 1590.1, | 0.0); | ( 386420.3, |
| 3822608.1,  | 1442.7,    | 1590.1, | 0.0);   |       |             |
| ( 386412.1, | 3822586.6, | 1435.1, | 1590.1, | 0.0); | ( 386404.0, |
| 3822565.0,  | 1427.5,    | 1590.1, | 0.0);   |       |             |
| ( 386395.8, | 3822543.5, | 1420.3, | 1590.1, | 0.0); | ( 386387.6, |
| 3822522.0,  | 1413.2,    | 1590.1, | 0.0);   |       |             |
| ( 386379.4, | 3822500.5, | 1405.4, | 1590.1, | 0.0); | ( 386371.3, |
| 3822479.0,  | 1396.5,    | 1590.1, | 0.0);   |       |             |
| ( 386363.1, | 3822457.5, | 1388.0, | 1590.1, | 0.0); | ( 386354.9, |
| 3822436.0,  | 1380.3,    | 1590.1, | 0.0);   |       |             |
| ( 386346.8, | 3822414.5, | 1371.6, | 1590.1, | 0.0); | ( 386338.6, |
| 3822392.9,  | 1362.5,    | 1590.1, | 0.0);   |       |             |
| ( 386330.4, | 3822371.4, | 1353.5, | 1590.1, | 0.0); | ( 386322.2, |
| 3822349.9,  | 1344.8,    | 1590.1, | 0.0);   |       |             |
| ( 386314.1, | 3822328.4, | 1336.8, | 1590.1, | 0.0); | ( 386305.9, |
| 3822306.9,  | 1330.8,    | 1590.1, | 0.0);   |       |             |
| ( 386297.7, | 3822285.4, | 1329.3, | 1590.1, | 0.0); | ( 386289.5, |
| 3822263.9,  | 1329.6,    | 1590.1, | 0.0);   |       |             |
| ( 386281.4, | 3822242.4, | 1329.0, | 1590.1, | 0.0); | ( 386273.2, |
| 3822220.8,  | 1328.0,    | 1590.1, | 0.0);   |       |             |
| ( 386265.0, | 3822199.3, | 1321.8, | 1590.1, | 0.0); | ( 386256.8, |
| 3822177.8,  | 1316.1,    | 1590.1, | 0.0);   |       |             |
| ( 386248.7, | 3822156.3, | 1310.2, | 1590.1, | 0.0); | ( 386240.5, |
| 3822134.8,  | 1304.8,    | 1590.1, | 0.0);   |       |             |
| ( 386232.3, | 3822113.3, | 1299.5, | 1590.1, | 0.0); | ( 386224.2, |
| 3822091.8,  | 1294.7,    | 1590.1, | 0.0);   |       |             |
| ( 386216.0, | 3822070.3, | 1291.0, | 1590.1, | 0.0); | ( 386207.8, |
| 3822048.8,  | 1288.2,    | 1590.1, | 0.0);   |       |             |
| ( 386199.6, | 3822027.2, | 1284.9, | 1590.1, | 0.0); | ( 386191.5, |
| 3822005.7,  | 1281.2,    | 1590.1, | 0.0);   |       |             |
| ( 386183.3, | 3821984.2, | 1274.0, | 1590.1, | 0.0); | ( 386175.1, |



3821962.7, 1265.8, 1590.1, 0.0);  
 ( 386167.0, 3821941.2, 1257.7, 1590.1, 0.0); ( 386158.8,  
 3821919.7, 1249.7, 1590.1, 0.0);  
 ( 386150.6, 3821898.2, 1240.2, 1590.1, 0.0); ( 386142.4,  
 3821876.7, 1230.6, 1590.1, 0.0);  
 ( 386134.3, 3821855.1, 1221.0, 1590.1, 0.0); ( 386126.1,  
 3821833.6, 1214.1, 1590.1, 0.0);  
 ( 386117.9, 3821812.1, 1208.4, 1590.1, 0.0); ( 386109.8,  
 3821790.6, 1202.2, 1590.1, 0.0);  
 ( 386101.6, 3821769.1, 1193.7, 1590.1, 0.0); ( 386093.4,  
 3821747.6, 1185.9, 1590.1, 0.0);  
 ( 386085.2, 3821726.1, 1178.0, 1590.1, 0.0); ( 386077.1,  
 3821704.6, 1168.4, 1590.1, 0.0);  
 ( 386068.9, 3821683.0, 1162.5, 1590.1, 0.0); ( 386060.7,  
 3821661.5, 1158.5, 1590.1, 0.0);  
 ( 386052.5, 3821640.0, 1154.7, 1590.1, 0.0); ( 386044.4,  
 3821618.5, 1146.9, 1590.1, 0.0);  
 ( 386036.2, 3821597.0, 1138.4, 1590.1, 0.0); ( 386028.0,  
 3821575.5, 1128.7, 1590.1, 0.0);  
 ( 386019.8, 3821554.0, 1120.5, 1590.1, 0.0); ( 386011.7,  
 3821532.5, 1114.6, 1590.1, 0.0);  
 ( 386003.5, 3821510.9, 1109.0, 1590.1, 0.0); ( 385995.3,  
 3821489.4, 1103.0, 1590.1, 0.0);  
 ( 385987.2, 3821467.9, 1098.0, 1590.1, 0.0); ( 385979.0,  
 3821446.4, 1093.9, 1590.1, 0.0);  
 ( 385970.8, 3821424.9, 1091.1, 1590.1, 0.0); ( 385962.6,  
 3821403.4, 1088.8, 1590.1, 0.0);  
 ( 385954.5, 3821381.9, 1086.8, 1590.1, 0.0); ( 385946.3,  
 3821360.4, 1085.0, 1590.1, 0.0);  
 ( 385938.1, 3821338.8, 1083.5, 1590.1, 0.0); ( 385930.0,  
 3821317.3, 1081.6, 1590.1, 0.0);  
 ( 385921.8, 3821295.8, 1079.9, 1590.1, 0.0); ( 385913.6,  
 3821274.3, 1078.2, 1590.1, 0.0);  
 ( 385905.4, 3821252.8, 1076.3, 1590.1, 0.0); ( 385897.3,  
 3821231.3, 1074.2, 1590.1, 0.0);  
 ( 385889.1, 3821209.8, 1072.1, 1590.1, 0.0); ( 385880.9,  
 3821188.3, 1070.3, 1590.1, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 377

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 385872.7, 3821166.8, 1068.7, 1590.1, 0.0); ( 385864.6,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821145.2,  | 1067.4,    | 1590.1, | 0.0);   |       |             |
| ( 385856.4, | 3821123.7, | 1066.3, | 1590.1, | 0.0); | ( 385848.2, |
| 3821102.2,  | 1065.1,    | 1590.1, | 0.0);   |       |             |
| ( 385840.0, | 3821080.7, | 1063.7, | 1590.1, | 0.0); | ( 385831.9, |
| 3821059.2,  | 1062.3,    | 1590.1, | 0.0);   |       |             |
| ( 385823.7, | 3821037.7, | 1060.9, | 1590.1, | 0.0); | ( 385815.5, |
| 3821016.2,  | 1059.3,    | 1590.1, | 0.0);   |       |             |
| ( 385807.4, | 3820994.6, | 1057.8, | 1590.1, | 0.0); | ( 385799.2, |
| 3820973.1,  | 1056.0,    | 1590.1, | 0.0);   |       |             |
| ( 385791.0, | 3820951.6, | 1054.0, | 1590.1, | 0.0); | ( 385782.8, |
| 3820930.1,  | 1052.0,    | 1590.1, | 0.0);   |       |             |
| ( 385774.7, | 3820908.6, | 1050.0, | 1590.1, | 0.0); | ( 385766.5, |
| 3820887.1,  | 1048.3,    | 1590.1, | 0.0);   |       |             |
| ( 385758.3, | 3820865.6, | 1046.8, | 1590.1, | 0.0); | ( 385750.2, |
| 3820844.1,  | 1045.1,    | 1590.1, | 0.0);   |       |             |
| ( 385742.0, | 3820822.5, | 1043.5, | 1590.1, | 0.0); | ( 385733.8, |
| 3820801.0,  | 1042.0,    | 1590.1, | 0.0);   |       |             |
| ( 385725.6, | 3820779.5, | 1040.6, | 1590.1, | 0.0); | ( 385717.5, |
| 3820758.0,  | 1039.3,    | 1590.1, | 0.0);   |       |             |
| ( 385709.3, | 3820736.5, | 1038.0, | 1590.1, | 0.0); | ( 385701.1, |
| 3820715.0,  | 1036.3,    | 1590.1, | 0.0);   |       |             |
| ( 385693.0, | 3820693.5, | 1034.2, | 1590.1, | 0.0); | ( 385684.8, |
| 3820672.0,  | 1032.0,    | 1590.1, | 0.0);   |       |             |
| ( 385676.6, | 3820650.4, | 1030.6, | 1590.1, | 0.0); | ( 385668.4, |
| 3820628.9,  | 1030.4,    | 1590.1, | 0.0);   |       |             |
| ( 385660.3, | 3820607.4, | 1031.6, | 1590.1, | 0.0); | ( 385652.1, |
| 3820585.9,  | 1033.8,    | 1590.1, | 0.0);   |       |             |
| ( 385643.9, | 3820564.4, | 1036.5, | 1590.1, | 0.0); | ( 385635.7, |
| 3820542.9,  | 1040.3,    | 1590.1, | 0.0);   |       |             |
| ( 385627.6, | 3820521.4, | 1044.5, | 1590.1, | 0.0); | ( 385619.4, |
| 3820499.9,  | 1048.6,    | 1590.1, | 0.0);   |       |             |
| ( 385611.2, | 3820478.3, | 1055.4, | 1590.1, | 0.0); | ( 385603.0, |
| 3820456.8,  | 1060.4,    | 1590.1, | 0.0);   |       |             |
| ( 385594.9, | 3820435.3, | 1065.0, | 1590.1, | 0.0); | ( 385586.7, |
| 3820413.8,  | 1068.0,    | 1590.1, | 0.0);   |       |             |
| ( 385578.5, | 3820392.3, | 1070.3, | 1590.1, | 0.0); | ( 385570.4, |
| 3820370.8,  | 1068.8,    | 1590.1, | 0.0);   |       |             |
| ( 385562.2, | 3820349.3, | 1064.6, | 1590.1, | 0.0); | ( 385554.0, |
| 3820327.8,  | 1063.7,    | 1590.1, | 0.0);   |       |             |
| ( 385545.8, | 3820306.2, | 1061.9, | 1590.1, | 0.0); | ( 385537.7, |
| 3820284.7,  | 1058.8,    | 1590.1, | 0.0);   |       |             |
| ( 385529.5, | 3820263.2, | 1056.4, | 1590.1, | 0.0); | ( 385521.3, |
| 3820241.7,  | 1055.1,    | 1590.1, | 0.0);   |       |             |
| ( 385513.1, | 3820220.2, | 1054.0, | 1590.1, | 0.0); | ( 385505.0, |
| 3820198.7,  | 1052.0,    | 1590.1, | 0.0);   |       |             |
| ( 385496.8, | 3820177.2, | 1048.0, | 1590.1, | 0.0); | ( 385488.6, |
| 3820155.7,  | 1044.8,    | 1590.1, | 0.0);   |       |             |
| ( 385480.5, | 3820134.1, | 1041.8, | 1590.1, | 0.0); | ( 385472.3, |
| 3820112.6,  | 1038.8,    | 1590.1, | 0.0);   |       |             |
| ( 385464.1, | 3820091.1, | 1035.0, | 1590.1, | 0.0); | ( 385456.0, |

```

3820069.6, 1031.7, 1590.1, 0.0);
(385447.8, 3820048.1, 1030.4, 1590.1, 0.0); (385439.6,
3820026.6, 1030.2, 1590.1, 0.0);
(385431.4, 3820005.1, 1030.5, 1590.1, 0.0); (385423.3,
3819983.6, 1028.8, 1590.1, 0.0);
(385415.1, 3819962.1, 1025.5, 1590.1, 0.0); (385406.9,
3819940.5, 1021.9, 1590.1, 0.0);
(385398.7, 3819919.0, 1019.5, 1590.1, 0.0); (385390.6,
3819897.5, 1019.2, 1590.1, 0.0);
(385382.4, 3819876.0, 1019.4, 1590.1, 0.0); (385374.2,
3819854.5, 1020.5, 1590.1, 0.0);
(385366.0, 3819833.0, 1022.9, 1590.1, 0.0); (385357.9,
3819811.5, 1025.5, 1590.1, 0.0);
(385349.7, 3819790.0, 1025.2, 1590.1, 0.0); (385341.5,
3819768.4, 1022.0, 1590.1, 0.0);
(385333.4, 3819746.9, 1017.4, 1590.1, 0.0); (385325.2,
3819725.4, 1016.2, 1590.1, 0.0);
(385317.0, 3819703.9, 1017.3, 1590.1, 0.0); (385308.8,
3819682.4, 1019.3, 1590.1, 0.0);
(385300.7, 3819660.9, 1020.5, 1590.1, 0.0); (385292.5,
3819639.4, 1020.6, 1590.1, 0.0);
(385284.3, 3819617.9, 1020.0, 1590.1, 0.0); (385276.1,
3819596.3, 1022.5, 1590.1, 0.0);
(385268.0, 3819574.8, 1024.4, 1590.1, 0.0); (385259.8,
3819553.3, 1024.8, 1590.1, 0.0);
(385251.6, 3819531.8, 1022.6, 1590.1, 0.0); (385243.5,
3819510.3, 1022.1, 1590.1, 0.0);
(385235.3, 3819488.8, 1023.0, 1590.1, 0.0); (385227.1,
3819467.3, 1024.3, 1590.1, 0.0);
(385218.9, 3819445.8, 1026.6, 1590.1, 0.0); (385210.8,
3819424.2, 1029.8, 1590.1, 0.0);
(385202.6, 3819402.7, 1033.8, 1590.1, 0.0); (385194.4,
3819381.2, 1035.9, 1590.1, 0.0);
(385186.2, 3819359.7, 1035.2, 1590.1, 0.0); (385178.1,
3819338.2, 1031.8, 1590.1, 0.0);
(385169.9, 3819316.7, 1029.8, 1590.1, 0.0); (385161.7,
3819295.2, 1028.5, 1590.1, 0.0);
(385153.6, 3819273.7, 1027.5, 1590.1, 0.0); (385145.4,
3819252.1, 1025.7, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 378

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                        |       |             |
|----------------------------------------|-------|-------------|
| ( 385137.2, 3819230.6, 1024.5, 1590.1, | 0.0); | ( 385129.0, |
| 3819209.1, 1023.4, 1590.1, 0.0);       |       |             |
| ( 385120.9, 3819187.6, 1022.1, 1590.1, | 0.0); | ( 385112.7, |
| 3819166.1, 1020.7, 1590.1, 0.0);       |       |             |
| ( 385104.5, 3819144.6, 1018.9, 1590.1, | 0.0); | ( 385096.4, |
| 3819123.1, 1016.9, 1590.1, 0.0);       |       |             |
| ( 385088.2, 3819101.6, 1015.5, 1590.1, | 0.0); | ( 385080.0, |
| 3819080.0, 1014.1, 1590.1, 0.0);       |       |             |
| ( 385071.8, 3819058.5, 1012.2, 1590.1, | 0.0); | ( 385063.7, |
| 3819037.0, 1009.8, 1590.1, 0.0);       |       |             |
| ( 385055.5, 3819015.5, 1007.5, 1590.1, | 0.0); | ( 385047.3, |
| 3818994.0, 1005.9, 1590.1, 0.0);       |       |             |
| ( 385039.1, 3818972.5, 1005.1, 1590.1, | 0.0); | ( 385031.0, |
| 3818951.0, 1003.7, 1590.1, 0.0);       |       |             |
| ( 385022.8, 3818929.5, 1002.7, 1590.1, | 0.0); | ( 385014.6, |
| 3818907.9, 1002.1, 1590.1, 0.0);       |       |             |
| ( 385006.5, 3818886.4, 1001.8, 1590.1, | 0.0); | ( 384998.3, |
| 3818864.9, 1001.3, 1590.1, 0.0);       |       |             |
| ( 384990.1, 3818843.4, 1000.6, 1590.1, | 0.0); | ( 384981.9, |
| 3818821.9, 998.0, 1590.1, 0.0);        |       |             |
| ( 384973.8, 3818800.4, 996.3, 1590.1,  | 0.0); | ( 384965.6, |
| 3818778.9, 995.1, 1590.1, 0.0);        |       |             |
| ( 384957.4, 3818757.4, 994.4, 1590.1,  | 0.0); | ( 384949.2, |
| 3818735.8, 996.2, 1590.1, 0.0);        |       |             |
| ( 384941.1, 3818714.3, 997.0, 1590.1,  | 0.0); | ( 384932.9, |
| 3818692.8, 998.0, 1590.1, 0.0);        |       |             |
| ( 384924.7, 3818671.3, 997.3, 1590.1,  | 0.0); | ( 384916.6, |
| 3818649.8, 997.0, 1590.1, 0.0);        |       |             |
| ( 384908.4, 3818628.3, 996.0, 1590.1,  | 0.0); | ( 384900.2, |
| 3818606.8, 994.4, 1590.1, 0.0);        |       |             |
| ( 384892.0, 3818585.3, 993.3, 1590.1,  | 0.0); | ( 384883.9, |
| 3818563.8, 992.1, 1590.1, 0.0);        |       |             |
| ( 384875.7, 3818542.2, 991.2, 1590.1,  | 0.0); | ( 384867.5, |
| 3818520.7, 990.3, 1590.1, 0.0);        |       |             |
| ( 384859.3, 3818499.2, 989.3, 1590.1,  | 0.0); | ( 384851.2, |
| 3818477.7, 988.2, 1590.1, 0.0);        |       |             |
| ( 384843.0, 3818456.2, 987.1, 1590.1,  | 0.0); | ( 384834.8, |
| 3818434.7, 986.4, 1590.1, 0.0);        |       |             |
| ( 384826.7, 3818413.2, 986.1, 1590.1,  | 0.0); | ( 384818.5, |
| 3818391.6, 986.6, 1590.1, 0.0);        |       |             |
| ( 384810.3, 3818370.1, 985.6, 1590.1,  | 0.0); | ( 384802.1, |
| 3818348.6, 984.4, 1590.1, 0.0);        |       |             |
| ( 384794.0, 3818327.1, 983.4, 1590.1,  | 0.0); | ( 384785.8, |
| 3818305.6, 982.7, 1590.1, 0.0);        |       |             |
| ( 384777.6, 3818284.1, 982.2, 1590.1,  | 0.0); | ( 384769.5, |
| 3818262.6, 981.8, 1590.1, 0.0);        |       |             |
| ( 384761.3, 3818241.1, 982.1, 1590.1,  | 0.0); | ( 384753.1, |
| 3818219.5, 982.5, 1590.1, 0.0);        |       |             |
| ( 384744.9, 3818198.0, 984.4, 1590.1,  | 0.0); | ( 384736.8, |

```

3818176.5, 988.7, 1590.1, 0.0);
 (384728.6, 3818155.0, 994.4, 1590.1, 0.0); (384720.4,
3818133.5, 999.0, 1590.1, 0.0);
 (384712.2, 3818112.0, 1001.4, 1590.1, 0.0); (384704.1,
3818090.5, 999.9, 1590.1, 0.0);
 (384328.1, 3817100.9, 976.0, 1147.8, 0.0); (384320.0,
3817079.4, 972.8, 1147.8, 0.0);
 (384311.8, 3817057.9, 968.1, 1147.8, 0.0); (384303.6,
3817036.4, 962.4, 1147.8, 0.0);
 (384295.5, 3817014.9, 956.6, 1147.8, 0.0); (384287.3,
3816993.3, 955.9, 1147.8, 0.0);
 (384279.1, 3816971.8, 956.2, 1147.8, 0.0); (384270.9,
3816950.3, 956.2, 1147.8, 0.0);
 (384262.8, 3816928.8, 956.7, 1147.8, 0.0); (384254.6,
3816907.3, 957.6, 1147.8, 0.0);
 (384246.4, 3816885.8, 957.8, 1147.8, 0.0); (384238.2,
3816864.3, 955.3, 1147.8, 0.0);
 (384230.1, 3816842.8, 956.7, 1147.8, 0.0); (384221.9,
3816821.2, 959.5, 1147.8, 0.0);
 (384213.7, 3816799.7, 957.6, 1147.8, 0.0); (384205.5,
3816778.2, 955.6, 1147.8, 0.0);
 (384197.4, 3816756.7, 955.1, 1147.8, 0.0); (384189.2,
3816735.2, 959.1, 1104.6, 0.0);
 (384181.0, 3816713.7, 964.6, 1104.6, 0.0); (384172.9,
3816692.2, 967.2, 1104.6, 0.0);
 (384164.7, 3816670.7, 966.1, 1104.6, 0.0); (384156.5,
3816649.1, 965.9, 1104.6, 0.0);
 (384148.3, 3816627.6, 968.1, 1104.6, 0.0); (384140.2,
3816606.1, 970.8, 1104.6, 0.0);
 (384132.0, 3816584.6, 970.4, 1104.6, 0.0); (384123.8,
3816563.1, 965.2, 1104.6, 0.0);
 (384115.6, 3816541.6, 957.2, 1104.6, 0.0); (384107.5,
3816520.1, 948.3, 1104.6, 0.0);
 (384099.3, 3816498.6, 943.3, 1104.6, 0.0); (384091.1,
3816477.0, 944.2, 1104.6, 0.0);
 (384083.0, 3816455.5, 949.3, 1104.6, 0.0); (384074.8,
3816434.0, 950.9, 1104.6, 0.0);
 (384066.6, 3816412.5, 945.9, 1104.6, 0.0); (384058.5,
3816391.0, 937.4, 1104.6, 0.0);
 (384050.3, 3816369.5, 928.7, 1104.6, 0.0); (384042.1,
3816348.0, 922.0, 1104.6, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 379

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 384033.9, 3816326.5, 916.4, 1147.8, 0.0); | ( 384025.8, |
| 3816304.9, 912.7, 1147.8, 0.0);             |             |
| ( 384017.6, 3816283.4, 914.3, 1104.6, 0.0); | ( 384009.4, |
| 3816261.9, 918.4, 1104.6, 0.0);             |             |
| ( 384001.2, 3816240.4, 922.8, 1104.6, 0.0); | ( 383993.1, |
| 3816218.9, 923.4, 1104.6, 0.0);             |             |
| ( 383984.9, 3816197.4, 922.8, 1104.6, 0.0); | ( 383976.7, |
| 3816175.9, 920.4, 1104.6, 0.0);             |             |
| ( 383968.5, 3816154.4, 916.3, 1104.6, 0.0); | ( 383960.4, |
| 3816132.8, 915.9, 1104.6, 0.0);             |             |
| ( 383952.2, 3816111.3, 916.6, 1104.6, 0.0); | ( 383944.0, |
| 3816089.8, 916.0, 1104.6, 0.0);             |             |
| ( 383935.9, 3816068.3, 913.0, 1104.6, 0.0); | ( 383927.7, |
| 3816046.8, 909.1, 1104.6, 0.0);             |             |
| ( 383919.5, 3816025.3, 905.0, 1104.6, 0.0); | ( 394323.3, |
| 3826872.3, 907.8, 986.8, 0.0);              |             |
| ( 394346.4, 3826872.7, 907.8, 986.8, 0.0);  | ( 394369.4, |
| 3826873.1, 906.5, 986.8, 0.0);              |             |
| ( 394392.5, 3826873.5, 902.6, 986.8, 0.0);  | ( 394415.6, |
| 3826873.9, 897.8, 1580.7, 0.0);             |             |
| ( 394438.6, 3826874.4, 894.2, 1582.1, 0.0); | ( 392497.6, |
| 3827451.3, 856.6, 1590.1, 0.0);             |             |
| ( 392476.5, 3827442.0, 857.5, 1590.1, 0.0); | ( 392455.4, |
| 3827432.7, 858.9, 1590.1, 0.0);             |             |
| ( 392434.3, 3827423.4, 860.1, 1590.1, 0.0); | ( 392413.2, |
| 3827414.1, 861.4, 1590.1, 0.0);             |             |
| ( 392392.1, 3827404.8, 863.6, 1590.1, 0.0); | ( 392371.0, |
| 3827395.5, 867.6, 1590.1, 0.0);             |             |
| ( 392349.9, 3827386.2, 871.2, 1590.1, 0.0); | ( 392328.8, |
| 3827376.9, 870.2, 1590.1, 0.0);             |             |
| ( 392307.7, 3827367.7, 867.0, 1590.1, 0.0); | ( 392286.6, |
| 3827358.4, 864.9, 1590.1, 0.0);             |             |
| ( 392265.5, 3827349.1, 865.2, 1590.1, 0.0); | ( 392244.4, |
| 3827339.8, 865.3, 1590.1, 0.0);             |             |
| ( 392223.3, 3827330.5, 862.9, 1590.1, 0.0); | ( 392202.2, |
| 3827321.2, 861.9, 1590.1, 0.0);             |             |
| ( 392181.1, 3827311.9, 861.3, 1590.1, 0.0); | ( 392160.0, |
| 3827302.6, 860.2, 1590.1, 0.0);             |             |
| ( 392138.9, 3827293.3, 858.9, 1590.1, 0.0); | ( 392117.8, |
| 3827284.1, 857.2, 1590.1, 0.0);             |             |
| ( 392096.7, 3827274.8, 856.9, 1590.1, 0.0); | ( 392075.6, |
| 3827265.5, 857.0, 1590.1, 0.0);             |             |
| ( 392054.5, 3827256.2, 857.2, 1590.1, 0.0); | ( 392033.4, |
| 3827246.9, 857.8, 1590.1, 0.0);             |             |
| ( 392012.3, 3827237.6, 859.4, 1590.1, 0.0); | ( 391991.2, |
| 3827228.3, 861.3, 1590.1, 0.0);             |             |
| ( 391970.1, 3827219.0, 859.9, 1590.1, 0.0); | ( 391949.0, |

```

3827209.7, 858.5, 1590.1, 0.0);
(391927.9, 3827200.4, 858.4, 1590.1, 0.0); (391906.8,
3827191.2, 858.8, 1590.1, 0.0);
(391885.7, 3827181.9, 859.5, 1590.1, 0.0); (391864.6,
3827172.6, 861.0, 1590.1, 0.0);
(391843.5, 3827163.3, 865.7, 1590.1, 0.0); (391822.4,
3827154.0, 871.1, 1590.1, 0.0);
(391801.3, 3827144.7, 876.2, 1590.1, 0.0); (391780.1,
3827135.4, 882.5, 1590.1, 0.0);
(391759.0, 3827126.1, 888.7, 1590.1, 0.0); (391738.0,
3827116.8, 893.5, 1590.1, 0.0);
(391716.8, 3827107.6, 896.6, 1590.1, 0.0); (391695.8,
3827098.3, 898.6, 1590.1, 0.0);
(391674.6, 3827089.0, 900.3, 1590.1, 0.0); (391653.5,
3827079.7, 900.9, 1590.1, 0.0);
(391632.4, 3827070.4, 899.5, 1590.1, 0.0); (391611.3,
3827061.1, 897.2, 1590.1, 0.0);
(391590.2, 3827051.8, 897.0, 1590.1, 0.0); (391569.1,
3827042.5, 898.5, 1590.1, 0.0);
(391548.0, 3827033.2, 899.5, 1590.1, 0.0); (391526.9,
3827023.9, 899.4, 1590.1, 0.0);
(391505.8, 3827014.7, 899.8, 1590.1, 0.0); (391484.7,
3827005.4, 899.3, 1590.1, 0.0);
(391463.6, 3826996.1, 897.4, 1590.1, 0.0); (391442.5,
3826986.8, 897.2, 1590.1, 0.0);
(391421.4, 3826977.5, 899.6, 1590.1, 0.0); (391400.3,
3826968.2, 901.7, 1590.1, 0.0);
(391379.2, 3826958.9, 901.9, 1590.1, 0.0); (391358.1,
3826949.6, 901.7, 1590.1, 0.0);
(391337.0, 3826940.3, 901.5, 1590.1, 0.0); (391315.9,
3826931.1, 901.4, 1590.1, 0.0);
(391294.8, 3826921.8, 901.2, 1590.1, 0.0); (391273.7,
3826912.5, 900.7, 1590.1, 0.0);
(391252.6, 3826903.2, 900.3, 1590.1, 0.0); (391231.5,
3826893.9, 900.0, 1590.1, 0.0);
(391210.4, 3826884.6, 899.9, 1590.1, 0.0); (391189.3,
3826875.3, 900.1, 1590.1, 0.0);
(391168.2, 3826866.0, 900.4, 1590.1, 0.0); (391147.1,
3826856.7, 900.7, 1590.1, 0.0);
(391126.0, 3826847.4, 901.0, 1590.1, 0.0); (391104.9,
3826838.2, 901.3, 1590.1, 0.0);
(391083.8, 3826828.9, 901.6, 1590.1, 0.0); (391062.7,
3826819.6, 901.8, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 380

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                             |             |
|---------------------------------------------|-------------|
| ( 391041.6, 3826810.3, 901.9, 1590.1, 0.0); | ( 391020.5, |
| 3826801.0, 901.6, 1590.1, 0.0);             |             |
| ( 390999.4, 3826791.7, 902.0, 1590.1, 0.0); | ( 390978.3, |
| 3826782.4, 902.6, 1590.1, 0.0);             |             |
| ( 390957.2, 3826773.1, 903.1, 1590.1, 0.0); | ( 390936.1, |
| 3826763.8, 903.5, 1590.1, 0.0);             |             |
| ( 390915.0, 3826754.6, 904.0, 1590.1, 0.0); | ( 390893.9, |
| 3826745.3, 904.3, 1590.1, 0.0);             |             |
| ( 390872.8, 3826736.0, 904.6, 1590.1, 0.0); | ( 390851.7, |
| 3826726.7, 904.9, 1590.1, 0.0);             |             |
| ( 390830.6, 3826717.4, 905.2, 1590.1, 0.0); | ( 390809.5, |
| 3826708.1, 905.5, 1590.1, 0.0);             |             |
| ( 390788.4, 3826698.8, 905.7, 1590.1, 0.0); | ( 390767.3, |
| 3826689.5, 906.3, 1590.1, 0.0);             |             |
| ( 390746.2, 3826680.2, 906.8, 1590.1, 0.0); | ( 390725.1, |
| 3826671.0, 907.3, 1590.1, 0.0);             |             |
| ( 390704.0, 3826661.7, 907.7, 1590.1, 0.0); | ( 390682.8, |
| 3826652.4, 908.1, 1590.1, 0.0);             |             |
| ( 390661.8, 3826643.1, 908.6, 1590.1, 0.0); | ( 390640.6, |
| 3826633.8, 909.2, 1590.1, 0.0);             |             |
| ( 390619.5, 3826624.5, 910.0, 1590.1, 0.0); | ( 390598.5, |
| 3826615.2, 910.8, 1590.1, 0.0);             |             |
| ( 390577.3, 3826605.9, 911.3, 1590.1, 0.0); | ( 390556.2, |
| 3826596.6, 911.6, 1590.1, 0.0);             |             |
| ( 390535.1, 3826587.3, 911.6, 1590.1, 0.0); | ( 390514.0, |
| 3826578.1, 911.6, 1590.1, 0.0);             |             |
| ( 390492.9, 3826568.8, 912.1, 1590.1, 0.0); | ( 390471.8, |
| 3826559.5, 912.9, 1590.1, 0.0);             |             |
| ( 390450.7, 3826550.2, 913.7, 1590.1, 0.0); | ( 390429.6, |
| 3826540.9, 914.2, 1590.1, 0.0);             |             |
| ( 390408.5, 3826531.6, 914.8, 1590.1, 0.0); | ( 390387.4, |
| 3826522.3, 915.3, 1590.1, 0.0);             |             |
| ( 390366.3, 3826513.0, 915.8, 1590.1, 0.0); | ( 390345.2, |
| 3826503.8, 916.2, 1590.1, 0.0);             |             |
| ( 390324.1, 3826494.5, 916.5, 1590.1, 0.0); | ( 390303.0, |
| 3826485.2, 916.7, 1590.1, 0.0);             |             |
| ( 390281.9, 3826475.9, 916.9, 1590.1, 0.0); | ( 390260.8, |
| 3826466.6, 917.0, 1590.1, 0.0);             |             |
| ( 390239.7, 3826457.3, 916.8, 1590.1, 0.0); | ( 390218.6, |
| 3826448.0, 917.5, 1590.1, 0.0);             |             |
| ( 390197.5, 3826438.7, 918.8, 1590.1, 0.0); | ( 390176.4, |
| 3826429.4, 919.5, 1590.1, 0.0);             |             |
| ( 390155.3, 3826420.1, 920.0, 1590.1, 0.0); | ( 390134.2, |
| 3826410.8, 920.6, 1590.1, 0.0);             |             |
| ( 390113.1, 3826401.6, 921.1, 1590.1, 0.0); | ( 390092.0, |



```

3826392.3, 921.8, 1590.1, 0.0);
 (390070.9, 3826383.0, 922.3, 1590.1, 0.0); (390049.8,
3826373.7, 922.9, 1590.1, 0.0);
 (390028.7, 3826364.4, 923.4, 1590.1, 0.0); (390007.6,
3826355.1, 923.9, 1590.1, 0.0);
 (389986.5, 3826345.8, 924.5, 1590.1, 0.0); (389965.4,
3826336.5, 925.3, 1590.1, 0.0);
 (389944.3, 3826327.2, 926.3, 1590.1, 0.0); (389923.2,
3826318.0, 925.8, 1590.1, 0.0);
 (389902.1, 3826308.7, 926.3, 1590.1, 0.0); (389881.0,
3826299.4, 927.3, 1590.1, 0.0);
 (389859.9, 3826290.1, 928.0, 1590.1, 0.0); (389838.8,
3826280.8, 928.7, 1590.1, 0.0);
 (389817.7, 3826271.5, 929.3, 1590.1, 0.0); (389796.6,
3826262.2, 930.0, 1590.1, 0.0);
 (389775.5, 3826252.9, 930.7, 1590.1, 0.0); (389754.4,
3826243.6, 931.3, 1590.1, 0.0);
 (389733.3, 3826234.3, 931.9, 1590.1, 0.0); (389712.2,
3826225.1, 932.6, 1590.1, 0.0);
 (389691.1, 3826215.8, 933.2, 1590.1, 0.0); (389670.0,
3826206.5, 933.8, 1590.1, 0.0);
 (389648.9, 3826197.2, 934.5, 1590.1, 0.0); (389627.8,
3826187.9, 935.2, 1590.1, 0.0);
 (389606.6, 3826178.6, 935.9, 1590.1, 0.0); (389585.5,
3826169.3, 936.6, 1590.1, 0.0);
 (389564.5, 3826160.0, 937.2, 1590.1, 0.0); (389543.3,
3826150.8, 937.9, 1590.1, 0.0);
 (389522.2, 3826141.5, 938.6, 1590.1, 0.0); (389501.1,
3826132.2, 939.2, 1590.1, 0.0);
 (389480.0, 3826122.9, 939.8, 1590.1, 0.0); (389458.9,
3826113.6, 940.3, 1590.1, 0.0);
 (389437.8, 3826104.3, 941.0, 1590.1, 0.0); (389416.7,
3826095.0, 941.7, 1590.1, 0.0);
 (389395.6, 3826085.7, 942.4, 1590.1, 0.0); (389374.5,
3826076.4, 943.1, 1590.1, 0.0);
 (389353.4, 3826067.1, 943.7, 1590.1, 0.0); (389332.3,
3826057.8, 944.2, 1590.1, 0.0);
 (389311.2, 3826048.6, 944.9, 1590.1, 0.0); (389290.1,
3826039.3, 945.7, 1590.1, 0.0);
 (389269.0, 3826030.0, 946.6, 1590.1, 0.0); (389247.9,
3826020.7, 947.6, 1590.1, 0.0);
 (389226.8, 3826011.4, 948.6, 1590.1, 0.0); (389205.7,
3826002.1, 949.2, 1590.1, 0.0);
 (389184.6, 3825992.8, 950.5, 1590.1, 0.0); (389163.5,
3825983.5, 953.5, 1590.1, 0.0);

```

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 389142.4, 3825974.2, 957.9, 1590.1, 0.0);  | ( 389121.3, |
| 3825965.0, 962.2, 1590.1, 0.0);              |             |
| ( 389100.2, 3825955.7, 966.9, 1590.1, 0.0);  | ( 389079.1, |
| 3825946.4, 971.8, 1590.1, 0.0);              |             |
| ( 389058.0, 3825937.1, 972.8, 1590.1, 0.0);  | ( 389036.9, |
| 3825927.8, 969.2, 1590.1, 0.0);              |             |
| ( 389015.8, 3825918.5, 964.0, 1590.1, 0.0);  | ( 388994.7, |
| 3825909.2, 961.6, 1590.1, 0.0);              |             |
| ( 388973.6, 3825899.9, 961.8, 1590.1, 0.0);  | ( 388952.5, |
| 3825890.6, 962.9, 1590.1, 0.0);              |             |
| ( 388804.8, 3825825.6, 991.3, 1590.1, 0.0);  | ( 388783.7, |
| 3825816.3, 993.8, 1590.1, 0.0);              |             |
| ( 388762.6, 3825807.0, 995.4, 1590.1, 0.0);  | ( 388741.5, |
| 3825797.8, 995.3, 1590.1, 0.0);              |             |
| ( 388720.4, 3825788.5, 993.5, 1590.1, 0.0);  | ( 388699.3, |
| 3825779.2, 992.1, 1590.1, 0.0);              |             |
| ( 388678.2, 3825769.9, 991.8, 1590.1, 0.0);  | ( 388657.1, |
| 3825760.6, 995.5, 1590.1, 0.0);              |             |
| ( 388636.0, 3825751.3, 1002.1, 1590.1, 0.0); | ( 388614.9, |
| 3825742.0, 1009.4, 1590.1, 0.0);             |             |
| ( 388593.8, 3825732.7, 1016.7, 1590.1, 0.0); | ( 388572.7, |
| 3825723.4, 1024.1, 1590.1, 0.0);             |             |
| ( 388551.6, 3825714.1, 1031.3, 1590.1, 0.0); | ( 388530.5, |
| 3825704.8, 1037.6, 1590.1, 0.0);             |             |
| ( 388509.3, 3825695.6, 1041.8, 1590.1, 0.0); | ( 388488.2, |
| 3825686.3, 1044.0, 1590.1, 0.0);             |             |
| ( 388467.1, 3825677.0, 1045.0, 1590.1, 0.0); | ( 388446.0, |
| 3825667.7, 1042.0, 1590.1, 0.0);             |             |
| ( 388424.9, 3825658.4, 1040.1, 1590.1, 0.0); | ( 388403.8, |
| 3825649.1, 1041.6, 1590.1, 0.0);             |             |
| ( 388382.7, 3825639.8, 1046.5, 1590.1, 0.0); | ( 388361.6, |
| 3825630.5, 1047.7, 1590.1, 0.0);             |             |
| ( 388340.5, 3825621.2, 1048.1, 1590.1, 0.0); | ( 388319.4, |
| 3825612.0, 1047.4, 1590.1, 0.0);             |             |
| ( 388298.3, 3825602.7, 1044.0, 1590.1, 0.0); | ( 388277.2, |
| 3825593.4, 1038.5, 1590.1, 0.0);             |             |
| ( 388256.1, 3825584.1, 1033.4, 1590.1, 0.0); | ( 388235.0, |
| 3825574.8, 1027.2, 1590.1, 0.0);             |             |
| ( 388213.9, 3825565.5, 1025.0, 1590.1, 0.0); | ( 388192.8, |
| 3825556.2, 1027.6, 1590.1, 0.0);             |             |
| ( 388171.7, 3825546.9, 1032.3, 1590.1, 0.0); | ( 388150.6, |
| 3825537.6, 1034.2, 1590.1, 0.0);             |             |
| ( 388129.5, 3825528.3, 1035.1, 1590.1, 0.0); | ( 388108.4, |

```

3825519.1, 1033.9, 1590.1, 0.0);
 (388087.3, 3825509.8, 1030.9, 1590.1, 0.0); (388066.2,
3825500.5, 1028.3, 1590.1, 0.0);
 (388045.1, 3825491.2, 1026.4, 1590.1, 0.0); (388024.0,
3825481.9, 1027.7, 1590.1, 0.0);
 (388002.9, 3825472.6, 1029.9, 1590.1, 0.0); (387981.8,
3825463.3, 1032.4, 1590.1, 0.0);
 (387960.7, 3825454.0, 1033.5, 1590.1, 0.0); (387939.6,
3825444.8, 1032.8, 1590.1, 0.0);
 (387918.5, 3825435.5, 1031.5, 1590.1, 0.0); (387897.4,
3825426.2, 1032.1, 1590.1, 0.0);
 (387876.3, 3825416.9, 1032.0, 1590.1, 0.0); (387855.2,
3825407.6, 1032.0, 1590.1, 0.0);
 (387834.1, 3825398.3, 1033.4, 1590.1, 0.0); (387813.0,
3825389.0, 1035.2, 1590.1, 0.0);
 (387791.9, 3825379.7, 1037.3, 1590.1, 0.0); (387770.8,
3825370.4, 1040.4, 1590.1, 0.0);
 (387749.7, 3825361.1, 1043.8, 1590.1, 0.0); (387728.6,
3825351.8, 1047.0, 1590.1, 0.0);
 (387707.5, 3825342.6, 1050.2, 1590.1, 0.0); (387686.4,
3825333.3, 1053.5, 1590.1, 0.0);
 (387665.3, 3825324.0, 1055.5, 1590.1, 0.0); (387644.2,
3825314.7, 1054.5, 1590.1, 0.0);
 (387623.1, 3825305.4, 1053.5, 1590.1, 0.0); (387602.0,
3825296.1, 1052.5, 1590.1, 0.0);
 (387580.9, 3825286.8, 1053.2, 1590.1, 0.0); (387559.8,
3825277.5, 1054.8, 1590.1, 0.0);
 (387538.7, 3825268.2, 1056.8, 1590.1, 0.0); (387517.6,
3825259.0, 1058.8, 1590.1, 0.0);
 (387496.5, 3825249.7, 1060.5, 1590.1, 0.0); (387475.4,
3825240.4, 1062.4, 1590.1, 0.0);
 (387454.3, 3825231.1, 1065.8, 1590.1, 0.0); (387433.1,
3825221.8, 1071.9, 1590.1, 0.0);
 (387412.0, 3825212.5, 1080.8, 1590.1, 0.0); (387391.0,
3825203.2, 1091.4, 1590.1, 0.0);
 (387369.8, 3825193.9, 1102.5, 1590.1, 0.0); (387348.8,
3825184.6, 1112.3, 1590.1, 0.0);
 (387327.6, 3825175.3, 1121.6, 1590.1, 0.0); (387306.5,
3825166.1, 1129.5, 1590.1, 0.0);
 (387285.4, 3825156.8, 1136.4, 1590.1, 0.0); (387264.3,
3825147.5, 1144.9, 1590.1, 0.0);
 (387243.2, 3825138.2, 1154.5, 1590.1, 0.0); (387222.1,
3825128.9, 1162.4, 1590.1, 0.0);
 (387201.0, 3825119.6, 1168.3, 1590.1, 0.0); (387179.9,
3825110.3, 1172.2, 1590.1, 0.0);
 (387158.8, 3825101.0, 1174.0, 1590.1, 0.0); (387137.7,
3825091.8, 1174.9, 1590.1, 0.0);

```

```

▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

```

*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study

```

\*\*\*

17:54:19

PAGE 382

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 387116.6, 3825082.5, 1176.0, 1590.1, 0.0); | ( 387095.5, |
| 3825073.2, 1175.7, 1590.1, 0.0);             |             |
| ( 387074.4, 3825063.9, 1171.7, 1590.1, 0.0); | ( 387053.3, |
| 3825054.6, 1165.1, 1590.1, 0.0);             |             |
| ( 387032.2, 3825045.3, 1159.3, 1590.1, 0.0); | ( 387011.1, |
| 3825036.0, 1161.5, 1590.1, 0.0);             |             |
| ( 386990.0, 3825026.7, 1167.9, 1590.1, 0.0); | ( 386968.9, |
| 3825017.4, 1175.4, 1590.1, 0.0);             |             |
| ( 386947.8, 3825008.1, 1179.9, 1590.1, 0.0); | ( 386926.7, |
| 3824998.8, 1181.7, 1590.1, 0.0);             |             |
| ( 386905.6, 3824989.6, 1182.8, 1590.1, 0.0); | ( 386884.5, |
| 3824980.3, 1185.4, 1590.1, 0.0);             |             |
| ( 386863.4, 3824971.0, 1189.5, 1590.1, 0.0); | ( 386842.3, |
| 3824961.7, 1192.6, 1590.1, 0.0);             |             |
| ( 386821.2, 3824952.4, 1195.5, 1590.1, 0.0); | ( 386800.1, |
| 3824943.1, 1198.7, 1590.1, 0.0);             |             |
| ( 386779.0, 3824933.8, 1202.3, 1590.1, 0.0); | ( 386757.9, |
| 3824924.5, 1207.4, 1590.1, 0.0);             |             |
| ( 386736.8, 3824915.2, 1215.4, 1590.1, 0.0); | ( 386715.7, |
| 3824906.0, 1226.1, 1590.1, 0.0);             |             |
| ( 386694.6, 3824896.7, 1235.2, 1590.1, 0.0); | ( 386673.5, |
| 3824887.4, 1240.3, 1590.1, 0.0);             |             |
| ( 386652.4, 3824878.1, 1243.7, 1590.1, 0.0); | ( 386631.3, |
| 3824868.8, 1247.0, 1590.1, 0.0);             |             |
| ( 386610.2, 3824859.5, 1249.3, 1590.1, 0.0); | ( 386589.1, |
| 3824850.2, 1250.2, 1590.1, 0.0);             |             |
| ( 386568.0, 3824840.9, 1248.0, 1590.1, 0.0); | ( 386546.9, |
| 3824831.6, 1248.1, 1590.1, 0.0);             |             |
| ( 386525.8, 3824822.3, 1251.2, 1590.1, 0.0); | ( 386504.7, |
| 3824813.1, 1254.3, 1590.1, 0.0);             |             |
| ( 386483.6, 3824803.8, 1253.6, 1590.1, 0.0); | ( 386462.5, |
| 3824794.5, 1251.7, 1590.1, 0.0);             |             |
| ( 386441.4, 3824785.2, 1250.7, 1590.1, 0.0); | ( 386420.3, |
| 3824775.9, 1250.7, 1590.1, 0.0);             |             |
| ( 386399.2, 3824766.6, 1248.8, 1590.1, 0.0); | ( 386378.1, |
| 3824757.3, 1243.1, 1590.1, 0.0);             |             |
| ( 386357.0, 3824748.0, 1231.6, 1590.1, 0.0); | ( 386335.8, |
| 3824738.8, 1218.9, 1590.1, 0.0);             |             |
| ( 386314.8, 3824729.5, 1210.9, 1590.1, 0.0); | ( 386293.6, |
| 3824720.2, 1206.6, 1590.1, 0.0);             |             |
| ( 386272.5, 3824710.9, 1205.3, 1590.1, 0.0); | ( 386251.4, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3824701.6,  | 1202.1,    | 1590.1, | 0.0);   |       |             |
| ( 386230.3, | 3824692.3, | 1202.3, | 1590.1, | 0.0); | ( 386167.0, |
| 3824664.4,  | 1242.0,    | 1590.1, | 0.0);   |       |             |
| ( 386145.9, | 3824655.1, | 1253.6, | 1590.1, | 0.0); | ( 386124.8, |
| 3824645.8,  | 1260.7,    | 1590.1, | 0.0);   |       |             |
| ( 386103.7, | 3824636.6, | 1263.8, | 1590.1, | 0.0); | ( 386082.6, |
| 3824627.3,  | 1265.1,    | 1590.1, | 0.0);   |       |             |
| ( 386061.5, | 3824618.0, | 1265.7, | 1590.1, | 0.0); | ( 386040.4, |
| 3824608.7,  | 1267.0,    | 1590.1, | 0.0);   |       |             |
| ( 386019.3, | 3824599.4, | 1269.0, | 1590.1, | 0.0); | ( 385998.2, |
| 3824590.1,  | 1271.1,    | 1590.1, | 0.0);   |       |             |
| ( 385977.1, | 3824580.8, | 1271.6, | 1590.1, | 0.0); | ( 385956.0, |
| 3824571.5,  | 1275.3,    | 1590.1, | 0.0);   |       |             |
| ( 385934.9, | 3824562.2, | 1283.6, | 1590.1, | 0.0); | ( 385913.8, |
| 3824553.0,  | 1293.5,    | 1590.1, | 0.0);   |       |             |
| ( 385892.7, | 3824543.7, | 1301.8, | 1590.1, | 0.0); | ( 385871.6, |
| 3824534.4,  | 1308.2,    | 1590.1, | 0.0);   |       |             |
| ( 385850.5, | 3824525.1, | 1311.5, | 1590.1, | 0.0); | ( 385821.2, |
| 3824494.2,  | 1306.7,    | 1590.1, | 0.0);   |       |             |
| ( 385813.0, | 3824472.7, | 1300.5, | 1590.1, | 0.0); | ( 385804.8, |
| 3824451.1,  | 1293.6,    | 1590.1, | 0.0);   |       |             |
| ( 385796.6, | 3824429.6, | 1287.8, | 1590.1, | 0.0); | ( 385788.5, |
| 3824408.0,  | 1285.5,    | 1590.1, | 0.0);   |       |             |
| ( 385780.3, | 3824386.5, | 1286.2, | 1590.1, | 0.0); | ( 385772.1, |
| 3824364.9,  | 1293.8,    | 1590.1, | 0.0);   |       |             |
| ( 385763.9, | 3824343.4, | 1302.1, | 1590.1, | 0.0); | ( 385755.7, |
| 3824321.8,  | 1312.0,    | 1590.1, | 0.0);   |       |             |
| ( 385747.5, | 3824300.3, | 1319.2, | 1590.1, | 0.0); | ( 385739.3, |
| 3824278.7,  | 1324.5,    | 1590.1, | 0.0);   |       |             |
| ( 385731.1, | 3824257.2, | 1327.2, | 1590.1, | 0.0); | ( 385723.0, |
| 3824235.6,  | 1328.9,    | 1590.1, | 0.0);   |       |             |
| ( 385714.8, | 3824214.1, | 1332.2, | 1590.1, | 0.0); | ( 385706.6, |
| 3824192.5,  | 1339.0,    | 1590.1, | 0.0);   |       |             |
| ( 385698.4, | 3824170.9, | 1348.5, | 1590.1, | 0.0); | ( 385690.2, |
| 3824149.4,  | 1357.8,    | 1590.1, | 0.0);   |       |             |
| ( 385682.0, | 3824127.8, | 1365.9, | 1590.1, | 0.0); | ( 385673.8, |
| 3824106.3,  | 1372.2,    | 1590.1, | 0.0);   |       |             |
| ( 385665.6, | 3824084.7, | 1377.0, | 1590.1, | 0.0); | ( 385657.5, |
| 3824063.2,  | 1379.8,    | 1590.1, | 0.0);   |       |             |
| ( 385649.3, | 3824041.6, | 1379.2, | 1590.1, | 0.0); | ( 385641.1, |
| 3824020.1,  | 1374.2,    | 1590.1, | 0.0);   |       |             |
| ( 385632.9, | 3823998.5, | 1367.0, | 1590.1, | 0.0); | ( 385624.7, |
| 3823977.0,  | 1363.0,    | 1590.1, | 0.0);   |       |             |
| ( 385616.5, | 3823955.4, | 1365.0, | 1590.1, | 0.0); | ( 385608.3, |
| 3823933.9,  | 1372.6,    | 1590.1, | 0.0);   |       |             |
| ( 385600.1, | 3823912.3, | 1376.7, | 1590.1, | 0.0); | ( 385592.0, |
| 3823890.8,  | 1376.6,    | 1590.1, | 0.0);   |       |             |
| ( 385583.8, | 3823869.2, | 1372.6, | 1590.1, | 0.0); | ( 385575.6, |
| 3823847.6,  | 1366.3,    | 1590.1, | 0.0);   |       |             |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume

Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 383

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 385567.4, 3823826.1, 1357.8, 1590.1, 0.0); | ( 385559.2, |
| 3823804.5, 1347.5, 1590.1, 0.0);             |             |
| ( 385551.0, 3823783.0, 1335.2, 1590.1, 0.0); | ( 385542.8, |
| 3823761.4, 1327.1, 1590.1, 0.0);             |             |
| ( 385534.6, 3823739.9, 1325.9, 1590.1, 0.0); | ( 385526.5, |
| 3823718.3, 1334.1, 1590.1, 0.0);             |             |
| ( 385518.3, 3823696.8, 1340.2, 1590.1, 0.0); | ( 385510.1, |
| 3823675.2, 1344.4, 1590.1, 0.0);             |             |
| ( 385501.9, 3823653.7, 1345.6, 1590.1, 0.0); | ( 385493.7, |
| 3823632.1, 1347.7, 1590.1, 0.0);             |             |
| ( 385485.5, 3823610.6, 1348.5, 1590.1, 0.0); | ( 385477.3, |
| 3823589.0, 1347.1, 1590.1, 0.0);             |             |
| ( 385469.1, 3823567.5, 1348.8, 1590.1, 0.0); | ( 385460.9, |
| 3823545.9, 1351.0, 1590.1, 0.0);             |             |
| ( 385452.8, 3823524.3, 1351.7, 1590.1, 0.0); | ( 385444.6, |
| 3823502.8, 1350.3, 1590.1, 0.0);             |             |
| ( 385436.4, 3823481.2, 1345.7, 1590.1, 0.0); | ( 385428.2, |
| 3823459.7, 1339.6, 1590.1, 0.0);             |             |
| ( 385420.0, 3823438.1, 1333.4, 1590.1, 0.0); | ( 385411.8, |
| 3823416.6, 1327.9, 1590.1, 0.0);             |             |
| ( 385403.6, 3823395.0, 1323.4, 1590.1, 0.0); | ( 385395.4, |
| 3823373.5, 1319.0, 1590.1, 0.0);             |             |
| ( 385387.2, 3823351.9, 1314.5, 1590.1, 0.0); | ( 385379.1, |
| 3823330.4, 1309.5, 1590.1, 0.0);             |             |
| ( 385370.9, 3823308.8, 1303.7, 1590.1, 0.0); | ( 385362.7, |
| 3823287.3, 1300.0, 1590.1, 0.0);             |             |
| ( 385354.5, 3823265.7, 1296.2, 1590.1, 0.0); | ( 385346.3, |
| 3823244.2, 1293.0, 1590.1, 0.0);             |             |
| ( 385338.1, 3823222.6, 1288.1, 1590.1, 0.0); | ( 385329.9, |
| 3823201.0, 1286.2, 1590.1, 0.0);             |             |
| ( 385321.8, 3823179.5, 1284.7, 1590.1, 0.0); | ( 385313.6, |
| 3823157.9, 1283.0, 1590.1, 0.0);             |             |
| ( 385305.4, 3823136.4, 1287.6, 1590.1, 0.0); | ( 385297.2, |
| 3823114.8, 1294.6, 1590.1, 0.0);             |             |
| ( 385289.0, 3823093.3, 1303.4, 1590.1, 0.0); | ( 385280.8, |
| 3823071.7, 1312.4, 1590.1, 0.0);             |             |
| ( 385272.6, 3823050.2, 1321.5, 1590.1, 0.0); | ( 385264.4, |
| 3823028.6, 1329.1, 1590.1, 0.0);             |             |
| ( 385256.2, 3823007.1, 1331.8, 1590.1, 0.0); | ( 385248.1, |

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3822985.5,  | 1328.8,    | 1590.1, | 0.0);   |       |             |
| ( 385239.9, | 3822964.0, | 1323.5, | 1590.1, | 0.0); | ( 385231.7, |
| 3822942.4,  | 1317.3,    | 1590.1, | 0.0);   |       |             |
| ( 385223.5, | 3822920.9, | 1314.3, | 1590.1, | 0.0); | ( 385215.3, |
| 3822899.3,  | 1319.4,    | 1590.1, | 0.0);   |       |             |
| ( 385207.1, | 3822877.8, | 1329.8, | 1590.1, | 0.0); | ( 385198.9, |
| 3822856.2,  | 1340.2,    | 1590.1, | 0.0);   |       |             |
| ( 385190.7, | 3822834.6, | 1347.8, | 1590.1, | 0.0); | ( 385182.5, |
| 3822813.1,  | 1351.3,    | 1590.1, | 0.0);   |       |             |
| ( 385174.4, | 3822791.5, | 1348.4, | 1590.1, | 0.0); | ( 385166.2, |
| 3822770.0,  | 1342.3,    | 1590.1, | 0.0);   |       |             |
| ( 385158.0, | 3822748.4, | 1340.2, | 1590.1, | 0.0); | ( 385149.8, |
| 3822726.9,  | 1342.1,    | 1590.1, | 0.0);   |       |             |
| ( 385141.6, | 3822705.3, | 1344.7, | 1590.1, | 0.0); | ( 385133.4, |
| 3822683.8,  | 1347.5,    | 1590.1, | 0.0);   |       |             |
| ( 385125.2, | 3822662.2, | 1349.7, | 1590.1, | 0.0); | ( 385117.0, |
| 3822640.7,  | 1352.3,    | 1590.1, | 0.0);   |       |             |
| ( 385108.9, | 3822619.1, | 1354.7, | 1590.1, | 0.0); | ( 385100.7, |
| 3822597.6,  | 1355.6,    | 1590.1, | 0.0);   |       |             |
| ( 385092.5, | 3822576.0, | 1353.9, | 1590.1, | 0.0); | ( 385084.3, |
| 3822554.5,  | 1349.0,    | 1590.1, | 0.0);   |       |             |
| ( 385076.1, | 3822532.9, | 1344.3, | 1590.1, | 0.0); | ( 385067.9, |
| 3822511.3,  | 1339.8,    | 1590.1, | 0.0);   |       |             |
| ( 385059.7, | 3822489.8, | 1334.6, | 1590.1, | 0.0); | ( 385051.5, |
| 3822468.2,  | 1327.0,    | 1590.1, | 0.0);   |       |             |
| ( 385043.3, | 3822446.7, | 1317.6, | 1590.1, | 0.0); | ( 385035.2, |
| 3822425.1,  | 1308.5,    | 1590.1, | 0.0);   |       |             |
| ( 385027.0, | 3822403.6, | 1301.4, | 1590.1, | 0.0); | ( 385018.8, |
| 3822382.0,  | 1295.7,    | 1590.1, | 0.0);   |       |             |
| ( 385010.6, | 3822360.5, | 1291.2, | 1590.1, | 0.0); | ( 385002.4, |
| 3822338.9,  | 1284.0,    | 1590.1, | 0.0);   |       |             |
| ( 384994.2, | 3822317.4, | 1274.8, | 1590.1, | 0.0); | ( 384986.0, |
| 3822295.8,  | 1264.9,    | 1590.1, | 0.0);   |       |             |
| ( 384977.8, | 3822274.3, | 1255.2, | 1590.1, | 0.0); | ( 384969.7, |
| 3822252.7,  | 1245.6,    | 1590.1, | 0.0);   |       |             |
| ( 384961.5, | 3822231.2, | 1236.9, | 1590.1, | 0.0); | ( 384953.3, |
| 3822209.6,  | 1228.7,    | 1590.1, | 0.0);   |       |             |
| ( 384945.1, | 3822188.0, | 1219.5, | 1590.1, | 0.0); | ( 384936.9, |
| 3822166.5,  | 1209.4,    | 1590.1, | 0.0);   |       |             |
| ( 384928.7, | 3822144.9, | 1201.0, | 1590.1, | 0.0); | ( 384920.5, |
| 3822123.4,  | 1197.0,    | 1590.1, | 0.0);   |       |             |
| ( 384912.3, | 3822101.8, | 1189.9, | 1590.1, | 0.0); | ( 384904.2, |
| 3822080.3,  | 1184.3,    | 1590.1, | 0.0);   |       |             |
| ( 384896.0, | 3822058.7, | 1178.9, | 1590.1, | 0.0); | ( 384887.8, |
| 3822037.2,  | 1170.7,    | 1590.1, | 0.0);   |       |             |
| ( 384879.6, | 3822015.6, | 1163.2, | 1590.1, | 0.0); | ( 384871.4, |
| 3821994.1,  | 1157.3,    | 1590.1, | 0.0);   |       |             |
| ( 384863.2, | 3821972.5, | 1153.4, | 1590.1, | 0.0); | ( 384855.0, |
| 3821951.0,  | 1148.1,    | 1590.1, | 0.0);   |       |             |
| ( 384846.8, | 3821929.4, | 1142.5, | 1590.1, | 0.0); | ( 384838.6, |

3821907.9, 1136.3, 1590.1, 0.0);  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 384

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

|                                              |             |
|----------------------------------------------|-------------|
| ( 384830.5, 3821886.3, 1128.2, 1590.1, 0.0); | ( 384822.3, |
| 3821864.8, 1120.1, 1590.1, 0.0);             |             |
| ( 384814.1, 3821843.2, 1111.1, 1590.1, 0.0); | ( 384805.9, |
| 3821821.6, 1100.6, 1590.1, 0.0);             |             |
| ( 384797.7, 3821800.1, 1091.2, 1590.1, 0.0); | ( 384789.5, |
| 3821778.5, 1083.3, 1590.1, 0.0);             |             |
| ( 384781.3, 3821757.0, 1076.6, 1590.1, 0.0); | ( 384773.1, |
| 3821735.4, 1071.6, 1590.1, 0.0);             |             |
| ( 384765.0, 3821713.9, 1066.9, 1590.1, 0.0); | ( 384756.8, |
| 3821692.3, 1063.9, 1590.1, 0.0);             |             |
| ( 384748.6, 3821670.8, 1061.5, 1590.1, 0.0); | ( 384740.4, |
| 3821649.2, 1058.7, 1590.1, 0.0);             |             |
| ( 384732.2, 3821627.7, 1057.4, 1590.1, 0.0); | ( 384724.0, |
| 3821606.1, 1055.7, 1590.1, 0.0);             |             |
| ( 384715.8, 3821584.6, 1053.5, 1590.1, 0.0); | ( 384707.6, |
| 3821563.0, 1050.4, 1590.1, 0.0);             |             |
| ( 384699.5, 3821541.5, 1047.8, 1590.1, 0.0); | ( 384691.3, |
| 3821519.9, 1045.6, 1590.1, 0.0);             |             |
| ( 384683.1, 3821498.3, 1043.5, 1590.1, 0.0); | ( 384674.9, |
| 3821476.8, 1041.3, 1590.1, 0.0);             |             |
| ( 384666.7, 3821455.2, 1039.3, 1590.1, 0.0); | ( 384658.5, |
| 3821433.7, 1037.2, 1590.1, 0.0);             |             |
| ( 384650.3, 3821412.1, 1035.0, 1590.1, 0.0); | ( 384642.1, |
| 3821390.6, 1032.8, 1590.1, 0.0);             |             |
| ( 384634.0, 3821369.0, 1030.6, 1590.1, 0.0); | ( 384625.8, |
| 3821347.5, 1028.5, 1590.1, 0.0);             |             |
| ( 384617.6, 3821325.9, 1026.4, 1590.1, 0.0); | ( 384609.4, |
| 3821304.4, 1024.3, 1590.1, 0.0);             |             |
| ( 384601.2, 3821282.8, 1022.2, 1590.1, 0.0); | ( 384593.0, |
| 3821261.3, 1020.0, 1590.1, 0.0);             |             |
| ( 384584.8, 3821239.7, 1017.8, 1590.1, 0.0); | ( 384576.6, |
| 3821218.2, 1015.6, 1590.1, 0.0);             |             |
| ( 384568.5, 3821196.6, 1013.4, 1590.1, 0.0); | ( 384560.3, |
| 3821175.0, 1011.2, 1590.1, 0.0);             |             |
| ( 384552.1, 3821153.5, 1009.1, 1590.1, 0.0); | ( 384543.9, |
| 3821131.9, 1006.8, 1590.1, 0.0);             |             |
| ( 384535.7, 3821110.4, 1005.0, 1590.1, 0.0); | ( 384527.5, |



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3821088.8,  | 1003.0,    | 1590.1, | 0.0);   |       |             |
| ( 384519.3, | 3821067.3, | 1001.2, | 1590.1, | 0.0); | ( 384511.1, |
| 3821045.7,  | 999.5,     | 1590.1, | 0.0);   |       |             |
| ( 384502.9, | 3821024.2, | 997.7,  | 1590.1, | 0.0); | ( 384494.8, |
| 3821002.6,  | 995.8,     | 1590.1, | 0.0);   |       |             |
| ( 384486.6, | 3820981.1, | 994.0,  | 1590.1, | 0.0); | ( 384478.4, |
| 3820959.5,  | 992.1,     | 1590.1, | 0.0);   |       |             |
| ( 384470.2, | 3820938.0, | 990.2,  | 1590.1, | 0.0); | ( 384462.0, |
| 3820916.4,  | 988.2,     | 1590.1, | 0.0);   |       |             |
| ( 384453.8, | 3820894.9, | 986.1,  | 1590.1, | 0.0); | ( 384445.6, |
| 3820873.3,  | 984.6,     | 1590.1, | 0.0);   |       |             |
| ( 384437.4, | 3820851.8, | 983.5,  | 1590.1, | 0.0); | ( 384429.2, |
| 3820830.2,  | 982.7,     | 1590.1, | 0.0);   |       |             |
| ( 384421.1, | 3820808.6, | 981.1,  | 1590.1, | 0.0); | ( 384412.9, |
| 3820787.1,  | 980.0,     | 1590.1, | 0.0);   |       |             |
| ( 384404.7, | 3820765.5, | 979.3,  | 1590.1, | 0.0); | ( 384396.5, |
| 3820744.0,  | 981.0,     | 1590.1, | 0.0);   |       |             |
| ( 384388.3, | 3820722.4, | 982.7,  | 1590.1, | 0.0); | ( 384380.1, |
| 3820700.9,  | 983.7,     | 1590.1, | 0.0);   |       |             |
| ( 384371.9, | 3820679.3, | 983.5,  | 1590.1, | 0.0); | ( 384363.8, |
| 3820657.8,  | 983.0,     | 1590.1, | 0.0);   |       |             |
| ( 384355.6, | 3820636.2, | 982.4,  | 1590.1, | 0.0); | ( 384347.4, |
| 3820614.7,  | 981.6,     | 1590.1, | 0.0);   |       |             |
| ( 384339.2, | 3820593.1, | 982.6,  | 1590.1, | 0.0); | ( 384331.0, |
| 3820571.6,  | 982.4,     | 1590.1, | 0.0);   |       |             |
| ( 384322.8, | 3820550.0, | 980.9,  | 1590.1, | 0.0); | ( 384314.6, |
| 3820528.4,  | 976.2,     | 1590.1, | 0.0);   |       |             |
| ( 384306.4, | 3820506.9, | 972.5,  | 1590.1, | 0.0); | ( 384298.2, |
| 3820485.3,  | 969.5,     | 1590.1, | 0.0);   |       |             |
| ( 384290.0, | 3820463.8, | 966.9,  | 1590.1, | 0.0); | ( 384281.9, |
| 3820442.2,  | 965.8,     | 1590.1, | 0.0);   |       |             |
| ( 384273.7, | 3820420.7, | 965.8,  | 1590.1, | 0.0); | ( 384265.5, |
| 3820399.1,  | 966.9,     | 1590.1, | 0.0);   |       |             |
| ( 384257.3, | 3820377.6, | 967.9,  | 1590.1, | 0.0); | ( 384249.1, |
| 3820356.0,  | 969.3,     | 1590.1, | 0.0);   |       |             |
| ( 384240.9, | 3820334.5, | 971.2,  | 1590.1, | 0.0); | ( 384232.7, |
| 3820312.9,  | 973.1,     | 1590.1, | 0.0);   |       |             |
| ( 384224.5, | 3820291.4, | 974.4,  | 1590.1, | 0.0); | ( 384216.4, |
| 3820269.8,  | 975.4,     | 1590.1, | 0.0);   |       |             |
| ( 384208.2, | 3820248.3, | 976.0,  | 1590.1, | 0.0); | ( 384200.0, |
| 3820226.7,  | 978.9,     | 1590.1, | 0.0);   |       |             |
| ( 384191.8, | 3820205.1, | 983.3,  | 1590.1, | 0.0); | ( 384183.6, |
| 3820183.6,  | 988.3,     | 1590.1, | 0.0);   |       |             |
| ( 384175.4, | 3820162.0, | 993.0,  | 1590.1, | 0.0); | ( 384167.2, |
| 3820140.5,  | 999.0,     | 1590.1, | 0.0);   |       |             |
| ( 384159.0, | 3820118.9, | 1005.5, | 1590.1, | 0.0); | ( 384150.9, |
| 3820097.4,  | 1011.5,    | 1590.1, | 0.0);   |       |             |
| ( 384142.7, | 3820075.8, | 1012.0, | 1590.1, | 0.0); | ( 384134.5, |
| 3820054.3,  | 1008.9,    | 1590.1, | 0.0);   |       |             |
| ( 384126.3, | 3820032.7, | 1005.3, | 1590.1, | 0.0); | ( 384118.1, |

3820011.2, 1005.6, 1590.1, 0.0);  
( 384109.9, 3819989.6, 1008.9, 1590.1, 0.0); ( 384101.7,  
3819968.1, 1013.6, 1590.1, 0.0);

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 385

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 384093.5, 3819946.5, 1018.0, 1590.1, 0.0); ( 384085.3,  
3819925.0, 1023.6, 1590.1, 0.0);  
( 384077.2, 3819903.4, 1028.0, 1590.1, 0.0); ( 384069.0,  
3819881.9, 1024.2, 1590.1, 0.0);  
( 384060.8, 3819860.3, 1017.6, 1590.1, 0.0); ( 384052.6,  
3819838.8, 1012.4, 1590.1, 0.0);  
( 384044.4, 3819817.2, 1011.4, 1590.1, 0.0); ( 384036.2,  
3819795.6, 1012.8, 1590.1, 0.0);  
( 384028.0, 3819774.1, 1013.7, 1590.1, 0.0); ( 384019.8,  
3819752.5, 1013.8, 1590.1, 0.0);  
( 384011.7, 3819731.0, 1010.9, 1590.1, 0.0); ( 384003.5,  
3819709.4, 1006.3, 1590.1, 0.0);  
( 383995.3, 3819687.9, 1000.5, 1590.1, 0.0); ( 383987.1,  
3819666.3, 996.6, 1590.1, 0.0);  
( 383978.9, 3819644.8, 996.2, 1590.1, 0.0); ( 383970.7,  
3819623.2, 997.3, 1590.1, 0.0);  
( 383962.5, 3819601.7, 1000.0, 1590.1, 0.0); ( 383954.3,  
3819580.1, 1004.4, 1590.1, 0.0);  
( 383946.2, 3819558.6, 1009.0, 1590.1, 0.0); ( 383938.0,  
3819537.0, 1014.3, 1590.1, 0.0);  
( 383929.8, 3819515.4, 1021.3, 1590.1, 0.0); ( 383921.6,  
3819493.9, 1028.1, 1590.1, 0.0);  
( 383913.4, 3819472.3, 1034.0, 1590.1, 0.0); ( 383905.2,  
3819450.8, 1039.7, 1590.1, 0.0);  
( 383897.0, 3819429.2, 1045.8, 1590.1, 0.0); ( 383888.8,  
3819407.7, 1053.1, 1590.1, 0.0);  
( 383880.6, 3819386.1, 1063.1, 1590.1, 0.0); ( 383872.5,  
3819364.6, 1073.5, 1590.1, 0.0);  
( 383864.3, 3819343.0, 1083.2, 1590.1, 0.0); ( 383856.1,  
3819321.5, 1091.5, 1590.1, 0.0);  
( 383847.9, 3819299.9, 1099.4, 1590.1, 0.0); ( 383839.7,  
3819278.4, 1104.1, 1590.1, 0.0);  
( 383831.5, 3819256.8, 1105.4, 1590.1, 0.0); ( 383823.3,  
3819235.3, 1100.0, 1590.1, 0.0);  
( 383815.1, 3819213.7, 1092.1, 1590.1, 0.0); ( 383807.0,

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3819192.1,  | 1085.9,    | 1590.1, | 0.0);   |       |             |
| ( 383798.8, | 3819170.6, | 1080.4, | 1590.1, | 0.0); | ( 383790.6, |
| 3819149.0,  | 1076.1,    | 1590.1, | 0.0);   |       |             |
| ( 383782.4, | 3819127.5, | 1072.2, | 1590.1, | 0.0); | ( 383774.2, |
| 3819105.9,  | 1068.5,    | 1590.1, | 0.0);   |       |             |
| ( 383766.0, | 3819084.4, | 1063.9, | 1590.1, | 0.0); | ( 383757.8, |
| 3819062.8,  | 1060.0,    | 1590.1, | 0.0);   |       |             |
| ( 383749.6, | 3819041.3, | 1058.4, | 1590.1, | 0.0); | ( 383741.5, |
| 3819019.7,  | 1056.9,    | 1590.1, | 0.0);   |       |             |
| ( 383733.3, | 3818998.2, | 1055.0, | 1590.1, | 0.0); | ( 383725.1, |
| 3818976.6,  | 1053.5,    | 1590.1, | 0.0);   |       |             |
| ( 383716.9, | 3818955.1, | 1051.3, | 1590.1, | 0.0); | ( 383708.7, |
| 3818933.5,  | 1048.0,    | 1590.1, | 0.0);   |       |             |
| ( 383700.5, | 3818912.0, | 1045.1, | 1590.1, | 0.0); | ( 383692.3, |
| 3818890.4,  | 1044.1,    | 1590.1, | 0.0);   |       |             |
| ( 383684.1, | 3818868.8, | 1047.4, | 1590.1, | 0.0); | ( 383676.0, |
| 3818847.3,  | 1051.9,    | 1590.1, | 0.0);   |       |             |
| ( 383667.8, | 3818825.8, | 1057.8, | 1590.1, | 0.0); | ( 383659.6, |
| 3818804.2,  | 1065.4,    | 1140.8, | 0.0);   |       |             |
| ( 383651.4, | 3818782.6, | 1075.0, | 1140.8, | 0.0); | ( 383643.2, |
| 3818761.1,  | 1085.0,    | 1125.7, | 0.0);   |       |             |
| ( 383635.0, | 3818739.5, | 1095.1, | 1125.7, | 0.0); | ( 383626.8, |
| 3818718.0,  | 1104.1,    | 1125.7, | 0.0);   |       |             |
| ( 383250.2, | 3817726.5, | 917.2,  | 1590.1, | 0.0); | ( 383242.0, |
| 3817705.0,  | 914.7,     | 1590.1, | 0.0);   |       |             |
| ( 383233.8, | 3817683.4, | 911.7,  | 1590.1, | 0.0); | ( 383225.6, |
| 3817661.9,  | 909.7,     | 1590.1, | 0.0);   |       |             |
| ( 383217.4, | 3817640.3, | 910.4,  | 1590.1, | 0.0); | ( 383209.2, |
| 3817618.8,  | 913.6,     | 1590.1, | 0.0);   |       |             |
| ( 383201.0, | 3817597.2, | 914.9,  | 1590.1, | 0.0); | ( 383192.9, |
| 3817575.7,  | 914.3,     | 1590.1, | 0.0);   |       |             |
| ( 383184.7, | 3817554.1, | 914.5,  | 1590.1, | 0.0); | ( 383176.5, |
| 3817532.5,  | 917.6,     | 1590.1, | 0.0);   |       |             |
| ( 383168.3, | 3817511.0, | 922.6,  | 1590.1, | 0.0); | ( 383160.1, |
| 3817489.4,  | 930.7,     | 1151.4, | 0.0);   |       |             |
| ( 383151.9, | 3817467.9, | 940.6,  | 1151.4, | 0.0); | ( 383143.7, |
| 3817446.3,  | 947.9,     | 1151.4, | 0.0);   |       |             |
| ( 383135.5, | 3817424.8, | 951.5,  | 1151.4, | 0.0); | ( 383127.3, |
| 3817403.2,  | 946.2,     | 1151.4, | 0.0);   |       |             |
| ( 383119.2, | 3817381.7, | 938.7,  | 1151.4, | 0.0); | ( 383111.0, |
| 3817360.1,  | 930.6,     | 1151.4, | 0.0);   |       |             |
| ( 383102.8, | 3817338.6, | 923.4,  | 1151.4, | 0.0); | ( 383094.6, |
| 3817317.0,  | 919.5,     | 1151.4, | 0.0);   |       |             |
| ( 383086.4, | 3817295.5, | 917.8,  | 1151.4, | 0.0); | ( 383078.2, |
| 3817273.9,  | 919.9,     | 1151.4, | 0.0);   |       |             |
| ( 383070.0, | 3817252.4, | 921.2,  | 1151.4, | 0.0); | ( 383061.8, |
| 3817230.8,  | 921.3,     | 1151.4, | 0.0);   |       |             |
| ( 383053.7, | 3817209.3, | 920.0,  | 1151.4, | 0.0); | ( 383045.5, |
| 3817187.7,  | 921.9,     | 1151.4, | 0.0);   |       |             |
| ( 383037.3, | 3817166.1, | 928.0,  | 1151.4, | 0.0); | ( 383029.1, |

```

3817144.6, 935.4, 1151.4, 0.0);
(383020.9, 3817123.0, 944.0, 1151.4, 0.0); (383012.7,
3817101.5, 952.4, 1151.4, 0.0);
(383004.5, 3817079.9, 960.3, 1151.4, 0.0); (382996.3,
3817058.4, 967.0, 1151.4, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 386

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(382988.2, 3817036.8, 970.0, 1151.4, 0.0); (382980.0,
3817015.3, 971.6, 1151.4, 0.0);
(382971.8, 3816993.7, 972.2, 1151.4, 0.0); (382963.6,
3816972.2, 969.2, 1151.4, 0.0);
(382955.4, 3816950.6, 964.3, 1151.4, 0.0); (382947.2,
3816929.1, 959.1, 1151.4, 0.0);
(382939.0, 3816907.5, 956.3, 1151.4, 0.0); (382930.8,
3816886.0, 956.4, 1151.4, 0.0);
(382922.6, 3816864.4, 957.4, 1151.4, 0.0); (382914.5,
3816842.8, 957.9, 1151.4, 0.0);
(382906.3, 3816821.3, 956.0, 1151.4, 0.0); (382898.1,
3816799.7, 955.5, 1151.4, 0.0);
(382889.9, 3816778.2, 957.9, 1151.4, 0.0); (382881.7,
3816756.6, 961.4, 1151.4, 0.0);
(382873.5, 3816735.1, 962.6, 1151.4, 0.0); (382865.3,
3816713.5, 962.9, 1151.4, 0.0);
(382857.1, 3816692.0, 963.2, 1151.4, 0.0); (382849.0,
3816670.4, 963.5, 1151.4, 0.0);
(382840.8, 3816648.9, 964.0, 1104.6, 0.0); (382832.6,
3816627.3, 964.8, 1104.6, 0.0);
(382824.4, 3816605.8, 961.5, 1104.6, 0.0); (382816.2,
3816584.2, 958.0, 1151.4, 0.0);
(382808.0, 3816562.7, 954.6, 1151.4, 0.0); (382799.8,
3816541.1, 950.7, 1151.4, 0.0);
(382791.6, 3816519.5, 946.1, 1151.4, 0.0); (382783.5,
3816498.0, 940.7, 1151.4, 0.0);
(382775.3, 3816476.4, 933.3, 1151.4, 0.0); (382767.1,
3816454.9, 925.7, 1151.4, 0.0);
(382758.9, 3816433.3, 918.3, 1151.4, 0.0); (382750.7,
3816411.8, 911.2, 1151.4, 0.0);
(382742.5, 3816390.2, 904.2, 1151.4, 0.0); (382734.3,
3816368.7, 897.2, 1151.4, 0.0);
(382726.1, 3816347.1, 890.3, 1151.4, 0.0); (382718.0,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816325.6,  | 883.8,     | 1151.4, | 0.0);   |       |             |
| ( 382709.8, | 3816304.0, | 877.9,  | 1151.4, | 0.0); | ( 382701.6, |
| 3816282.5,  | 874.6,     | 1151.4, | 0.0);   |       |             |
| ( 382693.4, | 3816260.9, | 875.1,  | 1151.4, | 0.0); | ( 382685.2, |
| 3816239.4,  | 877.3,     | 1151.4, | 0.0);   |       |             |
| ( 382677.0, | 3816217.8, | 879.1,  | 1151.4, | 0.0); | ( 382668.8, |
| 3816196.2,  | 877.9,     | 1151.4, | 0.0);   |       |             |
| ( 382660.6, | 3816174.7, | 874.0,  | 1151.4, | 0.0); | ( 382652.5, |
| 3816153.1,  | 869.3,     | 1151.4, | 0.0);   |       |             |
| ( 382644.3, | 3816131.6, | 864.1,  | 1151.4, | 0.0); | ( 382636.1, |
| 3816110.0,  | 859.1,     | 1151.4, | 0.0);   |       |             |
| ( 382627.9, | 3816088.5, | 854.8,  | 1151.4, | 0.0); | ( 382619.7, |
| 3816066.9,  | 851.4,     | 1151.4, | 0.0);   |       |             |
| ( 382611.5, | 3816045.4, | 848.5,  | 1151.4, | 0.0); | ( 382603.3, |
| 3816023.8,  | 846.2,     | 1151.4, | 0.0);   |       |             |
| ( 382595.1, | 3816002.3, | 844.2,  | 1151.4, | 0.0); | ( 382586.9, |
| 3815980.7,  | 842.4,     | 1151.4, | 0.0);   |       |             |
| ( 394299.1, | 3828205.4, | 828.4,  | 1584.3, | 0.0); | ( 394322.2, |
| 3828205.8,  | 828.3,     | 1583.4, | 0.0);   |       |             |
| ( 394345.2, | 3828206.2, | 827.9,  | 1582.1, | 0.0); | ( 394368.3, |
| 3828206.6,  | 827.4,     | 1580.7, | 0.0);   |       |             |
| ( 394391.3, | 3828207.1, | 827.0,  | 983.9,  | 0.0); | ( 394414.4, |
| 3828207.5,  | 826.8,     | 983.9,  | 0.0);   |       |             |
| ( 394604.6, | 3816359.9, | 914.5,  | 1439.5, | 0.0); | ( 394579.6, |
| 3816360.4,  | 913.6,     | 1439.5, | 0.0);   |       |             |
| ( 394554.6, | 3816360.9, | 912.8,  | 1439.5, | 0.0); | ( 394380.6, |
| 3816412.5,  | 908.1,     | 1439.5, | 0.0);   |       |             |
| ( 394381.6, | 3816460.6, | 910.5,  | 1439.5, | 0.0); | ( 394331.1, |
| 3816437.5,  | 908.3,     | 1439.5, | 0.0);   |       |             |
| ( 394331.6, | 3816461.5, | 909.8,  | 1439.5, | 0.0); | ( 394281.1, |
| 3816438.5,  | 908.1,     | 1439.5, | 0.0);   |       |             |
| ( 394180.7, | 3816416.4, | 906.2,  | 1439.5, | 0.0); | ( 394080.7, |
| 3816418.3,  | 907.1,     | 1439.5, | 0.0);   |       |             |
| ( 394081.2, | 3816442.4, | 909.3,  | 1439.5, | 0.0); | ( 394081.6, |
| 3816466.5,  | 911.5,     | 1439.5, | 0.0);   |       |             |
| ( 393979.8, | 3816372.2, | 904.0,  | 1439.5, | 0.0); | ( 393980.7, |
| 3816420.3,  | 907.9,     | 1439.5, | 0.0);   |       |             |
| ( 393981.2, | 3816444.4, | 910.0,  | 1439.5, | 0.0); | ( 393981.7, |
| 3816468.4,  | 912.2,     | 1439.5, | 0.0);   |       |             |
| ( 393880.7, | 3816422.3, | 904.8,  | 1439.5, | 0.0); | ( 393881.2, |
| 3816446.3,  | 906.7,     | 1439.5, | 0.0);   |       |             |
| ( 393881.7, | 3816470.4, | 908.8,  | 1439.5, | 0.0); | ( 393780.8, |
| 3816424.2,  | 901.9,     | 1439.5, | 0.0);   |       |             |
| ( 393781.2, | 3816448.3, | 903.9,  | 1439.5, | 0.0); | ( 393781.7, |
| 3816472.3,  | 905.9,     | 1439.5, | 0.0);   |       |             |
| ( 393529.8, | 3816381.0, | 892.1,  | 1439.5, | 0.0); | ( 393530.3, |
| 3816405.1,  | 893.4,     | 1439.5, | 0.0);   |       |             |
| ( 393530.8, | 3816429.1, | 894.5,  | 1439.5, | 0.0); | ( 393531.3, |
| 3816453.2,  | 895.7,     | 1439.5, | 0.0);   |       |             |
| ( 393531.7, | 3816477.3, | 896.8,  | 1439.5, | 0.0); | ( 393279.9, |

```

3816385.9, 892.1, 1439.5, 0.0);
 (393280.4, 3816410.0, 893.0, 1439.5, 0.0); (393280.8,
3816434.1, 894.0, 1439.5, 0.0);
 (393281.3, 3816458.1, 894.9, 1439.5, 0.0); (393281.8,
3816482.2, 895.6, 1439.5, 0.0);
 (393030.0, 3816390.9, 891.6, 1439.5, 0.0); (393030.4,
3816414.9, 892.6, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 387

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (393030.9, 3816439.0, 893.8, 1439.5, 0.0); (393031.4,
3816463.0, 895.1, 1439.5, 0.0);
 (393031.8, 3816487.1, 896.6, 1439.5, 0.0); (392780.0,
3816395.8, 898.3, 1439.5, 0.0);
 (392780.5, 3816419.8, 900.1, 1439.5, 0.0); (392780.9,
3816443.9, 901.2, 1439.5, 0.0);
 (392781.4, 3816467.9, 903.0, 1439.5, 0.0); (392781.9,
3816492.0, 906.3, 1439.5, 0.0);
 (392280.1, 3816405.6, 949.4, 1439.5, 0.0); (392280.6,
3816429.6, 947.8, 1439.5, 0.0);
 (392281.0, 3816453.7, 947.3, 1439.5, 0.0); (392281.5,
3816477.8, 946.5, 1439.5, 0.0);
 (392282.0, 3816501.8, 945.6, 1439.5, 0.0); (391780.2,
3816415.4, 1020.7, 1034.8, 0.0);
 (391780.7, 3816439.5, 1023.7, 1034.8, 0.0); (391781.1,
3816463.5, 1027.1, 1034.8, 0.0);
 (391781.6, 3816487.6, 1031.3, 1034.1, 0.0); (391782.1,
3816511.6, 1033.5, 1033.5, 0.0);
 (391280.3, 3816425.2, 904.8, 1439.5, 0.0); (391280.8,
3816449.3, 904.9, 1439.5, 0.0);
 (391281.2, 3816473.3, 905.6, 1439.5, 0.0); (391281.7,
3816497.4, 906.6, 1439.5, 0.0);
 (391282.2, 3816521.4, 907.4, 1439.5, 0.0); (390780.4,
3816435.0, 870.3, 1439.5, 0.0);
 (390780.9, 3816459.1, 871.0, 1439.5, 0.0); (390781.3,
3816483.2, 871.7, 1439.5, 0.0);
 (390781.8, 3816507.2, 872.5, 1439.5, 0.0); (390782.3,
3816531.3, 873.4, 1439.5, 0.0);
 (389447.3, 3816461.2, 858.8, 1590.1, 0.0); (389447.8,
3816485.3, 859.3, 1590.1, 0.0);
 (389448.2, 3816509.3, 859.8, 1590.1, 0.0); (389448.7,

```

|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816533.4,  | 860.5,     | 1590.1, | 0.0);   |       |             |
| ( 389449.2, | 3816557.4, | 861.1,  | 1590.1, | 0.0); | ( 388114.2, |
| 3816487.4,  | 885.9,     | 1590.1, | 0.0);   |       |             |
| ( 388114.7, | 3816511.5, | 887.9,  | 1590.1, | 0.0); | ( 388115.2, |
| 3816535.5,  | 888.8,     | 1590.1, | 0.0);   |       |             |
| ( 388115.6, | 3816559.6, | 889.8,  | 1590.1, | 0.0); | ( 388116.1, |
| 3816583.6,  | 891.2,     | 1590.1, | 0.0);   |       |             |
| ( 386781.1, | 3816513.6, | 947.6,  | 1255.1, | 0.0); | ( 386781.6, |
| 3816537.7,  | 952.0,     | 1255.1, | 0.0);   |       |             |
| ( 386782.1, | 3816561.7, | 956.7,  | 1147.8, | 0.0); | ( 384116.0, |
| 3816614.1,  | 979.8,     | 1104.6, | 0.0);   |       |             |
| ( 384116.4, | 3816638.1, | 981.7,  | 1104.6, | 0.0); | ( 384116.9, |
| 3816662.2,  | 982.9,     | 1104.6, | 0.0);   |       |             |
| ( 382781.9, | 3816592.2, | 945.8,  | 1151.4, | 0.0); | ( 382782.4, |
| 3816616.2,  | 946.1,     | 1151.4, | 0.0);   |       |             |
| ( 382782.9, | 3816640.3, | 944.7,  | 1151.4, | 0.0); | ( 382783.3, |
| 3816664.3,  | 941.7,     | 1151.4, | 0.0);   |       |             |
| ( 382783.8, | 3816688.4, | 937.9,  | 1151.4, | 0.0); | ( 394422.1, |
| 3816355.7,  | 908.5,     | 1439.5, | 0.0);   |       |             |
| ( 394431.5, | 3816074.0, | 905.1,  | 1439.5, | 0.0); | ( 394505.9, |
| 3816102.4,  | 907.9,     | 1439.5, | 0.0);   |       |             |
| ( 394845.9, | 3816316.9, | 921.6,  | 1439.5, | 0.0); | ( 394852.0, |
| 3816171.6,  | 911.4,     | 1439.5, | 0.0);   |       |             |
| ( 394938.5, | 3816190.8, | 911.8,  | 1439.5, | 0.0); | ( 395146.9, |
| 3816228.0,  | 916.8,     | 1353.8, | 0.0);   |       |             |
| ( 395229.3, | 3816259.6, | 917.2,  | 1353.8, | 0.0); | ( 395297.2, |
| 3816294.9,  | 917.4,     | 1353.8, | 0.0);   |       |             |
| ( 395477.2, | 3816464.8, | 924.4,  | 1353.8, | 0.0); | ( 395717.9, |
| 3816659.6,  | 932.6,     | 1606.9, | 0.0);   |       |             |
| ( 395767.2, | 3816761.3, | 942.2,  | 1353.8, | 0.0); | ( 395838.9, |
| 3816885.8,  | 942.9,     | 1353.8, | 0.0);   |       |             |
| ( 395978.5, | 3816995.2, | 946.7,  | 1353.8, | 0.0); | ( 395965.3, |
| 3817016.0,  | 952.6,     | 1353.8, | 0.0);   |       |             |
| ( 395897.4, | 3816995.2, | 959.7,  | 1353.8, | 0.0); | ( 395671.0, |
| 3816874.5,  | 948.5,     | 1439.5, | 0.0);   |       |             |
| ( 395625.3, | 3816856.0, | 947.5,  | 1439.5, | 0.0); | ( 395595.4, |
| 3816805.5,  | 944.9,     | 1439.5, | 0.0);   |       |             |
| ( 395062.3, | 3816461.6, | 928.8,  | 1439.5, | 0.0); | ( 394631.5, |
| 3816455.7,  | 918.2,     | 1439.5, | 0.0);   |       |             |
| ( 394629.6, | 3816359.4, | 915.5,  | 1439.5, | 0.0); | ( 394422.9, |
| 3816332.2,  | 908.2,     | 1439.5, | 0.0);   |       |             |
| ( 394423.7, | 3816308.7, | 908.1,  | 1439.5, | 0.0); | ( 394424.5, |
| 3816285.2,  | 908.1,     | 1439.5, | 0.0);   |       |             |
| ( 394425.3, | 3816261.8, | 908.1,  | 1439.5, | 0.0); | ( 394426.0, |
| 3816238.3,  | 908.0,     | 1439.5, | 0.0);   |       |             |
| ( 394426.8, | 3816214.8, | 907.9,  | 1439.5, | 0.0); | ( 394427.6, |
| 3816191.4,  | 907.8,     | 1439.5, | 0.0);   |       |             |
| ( 394428.4, | 3816167.9, | 907.7,  | 1439.5, | 0.0); | ( 394429.2, |
| 3816144.4,  | 907.4,     | 1439.5, | 0.0);   |       |             |
| ( 394430.0, | 3816120.9, | 907.0,  | 1439.5, | 0.0); | ( 394430.8, |

```

3816097.5, 906.4, 1439.5, 0.0);
 (394450.1, 3816081.1, 905.9, 1439.5, 0.0); (394468.7,
3816088.2, 906.8, 1439.5, 0.0);
 (394487.3, 3816095.3, 907.3, 1439.5, 0.0); (394525.9,
3816115.0, 908.8, 1439.5, 0.0);
 (394545.9, 3816127.6, 909.5, 1439.5, 0.0); (394565.9,
3816140.3, 910.3, 1439.5, 0.0);
 (394585.9, 3816152.9, 911.1, 1439.5, 0.0); (394605.9,
3816165.5, 911.9, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 388

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

 (394625.9, 3816178.1, 912.6, 1439.5, 0.0); (394645.9,
3816190.7, 913.3, 1439.5, 0.0);
 (394665.9, 3816203.3, 914.1, 1439.5, 0.0); (394685.9,
3816215.9, 914.8, 1439.5, 0.0);
 (394705.9, 3816228.6, 915.6, 1439.5, 0.0); (394725.9,
3816241.2, 916.4, 1439.5, 0.0);
 (394745.9, 3816253.8, 917.2, 1439.5, 0.0); (394765.9,
3816266.4, 918.1, 1439.5, 0.0);
 (394785.9, 3816279.0, 918.9, 1439.5, 0.0); (394805.9,
3816291.6, 919.7, 1439.5, 0.0);
 (394825.9, 3816304.2, 920.6, 1439.5, 0.0); (394846.9,
3816292.6, 920.8, 1439.5, 0.0);
 (394847.9, 3816268.4, 919.9, 1439.5, 0.0); (394849.0,
3816244.2, 919.2, 1439.5, 0.0);
 (394850.0, 3816220.0, 917.4, 1439.5, 0.0); (394851.0,
3816195.8, 914.7, 1439.5, 0.0);
 (394873.6, 3816176.4, 911.8, 1439.5, 0.0); (394895.3,
3816181.2, 911.7, 1439.5, 0.0);
 (394916.9, 3816186.0, 911.4, 1439.5, 0.0); (394961.7,
3816194.9, 912.5, 1439.5, 0.0);
 (394984.8, 3816199.0, 913.2, 1439.5, 0.0); (395008.0,
3816203.2, 913.8, 1439.5, 0.0);
 (395031.1, 3816207.3, 915.1, 1439.5, 0.0); (395054.3,
3816211.4, 917.6, 1439.5, 0.0);
 (395077.5, 3816215.6, 919.6, 1353.8, 0.0); (395100.6,
3816219.7, 918.5, 1353.8, 0.0);
 (395123.8, 3816223.9, 917.0, 1426.7, 0.0); (395167.5,
3816235.9, 916.9, 1353.8, 0.0);
 (395188.1, 3816243.8, 917.0, 1353.8, 0.0); (395208.7,

```



|             |            |         |         |       |             |
|-------------|------------|---------|---------|-------|-------------|
| 3816251.7,  | 917.3,     | 1353.8, | 0.0);   |       |             |
| ( 395246.2, | 3816268.4, | 917.6,  | 1353.8, | 0.0); | ( 395263.2, |
| 3816277.2,  | 918.0,     | 1353.8, | 0.0);   |       |             |
| ( 395280.2, | 3816286.1, | 918.0,  | 1353.8, | 0.0); | ( 395315.2, |
| 3816311.9,  | 918.4,     | 1353.8, | 0.0);   |       |             |
| ( 395333.2, | 3816328.9, | 918.6,  | 1353.8, | 0.0); | ( 395351.2, |
| 3816345.9,  | 919.7,     | 1353.8, | 0.0);   |       |             |
| ( 395369.2, | 3816362.9, | 920.4,  | 1353.8, | 0.0); | ( 395387.2, |
| 3816379.8,  | 921.4,     | 1353.8, | 0.0);   |       |             |
| ( 395405.2, | 3816396.8, | 921.7,  | 1353.8, | 0.0); | ( 395423.2, |
| 3816413.8,  | 922.4,     | 1353.8, | 0.0);   |       |             |
| ( 395441.2, | 3816430.8, | 923.1,  | 1353.8, | 0.0); | ( 395459.2, |
| 3816447.8,  | 923.4,     | 1426.7, | 0.0);   |       |             |
| ( 395495.8, | 3816479.8, | 924.7,  | 1426.7, | 0.0); | ( 395514.3, |
| 3816494.8,  | 925.4,     | 1353.8, | 0.0);   |       |             |
| ( 395532.8, | 3816509.8, | 926.0,  | 1353.8, | 0.0); | ( 395551.3, |
| 3816524.8,  | 926.8,     | 1353.8, | 0.0);   |       |             |
| ( 395569.8, | 3816539.8, | 927.3,  | 1353.8, | 0.0); | ( 395588.3, |
| 3816554.7,  | 927.7,     | 1353.8, | 0.0);   |       |             |
| ( 395606.8, | 3816569.7, | 928.2,  | 1353.8, | 0.0); | ( 395625.3, |
| 3816584.7,  | 929.1,     | 1606.1, | 0.0);   |       |             |
| ( 395643.8, | 3816599.7, | 929.8,  | 1606.1, | 0.0); | ( 395662.4, |
| 3816614.7,  | 930.8,     | 1606.1, | 0.0);   |       |             |
| ( 395680.9, | 3816629.7, | 931.4,  | 1606.1, | 0.0); | ( 395699.4, |
| 3816644.6,  | 932.1,     | 1606.1, | 0.0);   |       |             |
| ( 395727.8, | 3816680.0, | 935.3,  | 1353.8, | 0.0); | ( 395737.6, |
| 3816700.3,  | 937.6,     | 1353.8, | 0.0);   |       |             |
| ( 395747.5, | 3816720.6, | 939.2,  | 1353.8, | 0.0); | ( 395757.4, |
| 3816740.9,  | 941.1,     | 1353.8, | 0.0);   |       |             |
| ( 395779.2, | 3816782.0, | 943.1,  | 1353.8, | 0.0); | ( 395791.1, |
| 3816802.8,  | 943.7,     | 1353.8, | 0.0);   |       |             |
| ( 395803.1, | 3816823.5, | 943.5,  | 1353.8, | 0.0); | ( 395815.0, |
| 3816844.3,  | 942.5,     | 1353.8, | 0.0);   |       |             |
| ( 395827.0, | 3816865.0, | 942.4,  | 1353.8, | 0.0); | ( 395856.4, |
| 3816899.5,  | 942.1,     | 1439.5, | 0.0);   |       |             |
| ( 395873.8, | 3816913.1, | 943.9,  | 1353.8, | 0.0); | ( 395891.3, |
| 3816926.8,  | 945.4,     | 1353.8, | 0.0);   |       |             |
| ( 395908.7, | 3816940.5, | 947.1,  | 1353.8, | 0.0); | ( 395926.2, |
| 3816954.2,  | 949.0,     | 1353.8, | 0.0);   |       |             |
| ( 395943.6, | 3816967.9, | 948.4,  | 1353.8, | 0.0); | ( 395961.1, |
| 3816981.5,  | 946.9,     | 1353.8, | 0.0);   |       |             |
| ( 395942.7, | 3817009.0, | 954.8,  | 1353.8, | 0.0); | ( 395920.0, |
| 3817002.1,  | 958.2,     | 1353.8, | 0.0);   |       |             |
| ( 395876.8, | 3816984.2, | 958.5,  | 1353.8, | 0.0); | ( 395856.2, |
| 3816973.3,  | 957.1,     | 1353.8, | 0.0);   |       |             |
| ( 395835.7, | 3816962.3, | 956.1,  | 1353.8, | 0.0); | ( 395815.1, |
| 3816951.3,  | 955.3,     | 1353.8, | 0.0);   |       |             |
| ( 395794.5, | 3816940.3, | 954.8,  | 1353.8, | 0.0); | ( 395773.9, |
| 3816929.3,  | 953.6,     | 1353.8, | 0.0);   |       |             |
| ( 395753.3, | 3816918.4, | 952.2,  | 1353.8, | 0.0); | ( 395732.8, |

```

3816907.4, 950.9, 1353.8, 0.0);
(395712.2, 3816896.4, 949.9, 1439.5, 0.0); (395691.6,
3816885.4, 948.9, 1439.5, 0.0);
(395648.2, 3816865.2, 948.0, 1439.5, 0.0); (395615.3,
3816839.1, 946.9, 1439.5, 0.0);
(395605.4, 3816822.3, 945.9, 1439.5, 0.0); (395574.9,
3816792.2, 944.1, 1439.5, 0.0);
(395554.4, 3816779.0, 943.4, 1439.5, 0.0); (395533.9,
3816765.8, 942.7, 1439.5, 0.0);
(395513.4, 3816752.6, 942.2, 1439.5, 0.0); (395492.9,
3816739.3, 941.4, 1439.5, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 389

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

(395472.4, 3816726.1, 941.1, 1439.5, 0.0); (395451.9,
3816712.9, 940.6, 1439.5, 0.0);
(395431.4, 3816699.7, 940.3, 1439.5, 0.0); (395410.9,
3816686.4, 939.9, 1439.5, 0.0);
(395390.4, 3816673.2, 939.3, 1439.5, 0.0); (395369.9,
3816660.0, 938.8, 1439.5, 0.0);
(395349.4, 3816646.8, 938.5, 1439.5, 0.0); (395328.9,
3816633.5, 937.8, 1439.5, 0.0);
(395308.3, 3816620.3, 937.4, 1439.5, 0.0); (395287.8,
3816607.1, 936.6, 1439.5, 0.0);
(395267.3, 3816593.8, 936.6, 1439.5, 0.0); (395246.8,
3816580.6, 936.6, 1439.5, 0.0);
(395226.3, 3816567.4, 935.0, 1439.5, 0.0); (395205.8,
3816554.1, 934.1, 1439.5, 0.0);
(395185.3, 3816540.9, 932.4, 1439.5, 0.0); (395164.8,
3816527.7, 931.8, 1439.5, 0.0);
(395144.3, 3816514.5, 931.1, 1439.5, 0.0); (395123.8,
3816501.2, 930.6, 1439.5, 0.0);
(395103.3, 3816488.0, 930.0, 1439.5, 0.0); (395082.8,
3816474.8, 929.5, 1439.5, 0.0);
(395038.4, 3816461.2, 928.8, 1439.5, 0.0); (395014.4,
3816460.9, 928.8, 1439.5, 0.0);
(394990.5, 3816460.6, 928.7, 1439.5, 0.0); (394966.6,
3816460.2, 928.8, 1439.5, 0.0);
(394942.6, 3816459.9, 929.1, 1439.5, 0.0); (394918.7,
3816459.6, 929.0, 1439.5, 0.0);
(394894.8, 3816459.3, 928.4, 1439.5, 0.0); (394870.8,

```



WHAT IS INCLUDED IN THE DATA FILE.

CATEGORIES \*\*\*  
\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED  
(METERS/SEC)

10.80, 1.54, 3.09, 5.14, 8.23,

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 391

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL  
DATA \*\*\*

Surface file: Met Data\Palmdale KPMD\_723820\_23182\723820\_2016-2020\_AdjU.sfc

Met Version: 21112

Profile file: Met Data\Palmdale KPMD\_723820\_23182\723820\_2016-2020\_AdjU.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23182

Name: UNKNOWN

Upper air station no.: 3190

Name: UNKNOWN

Year: 2016

Year: 2016

First 24 hours of scalar data

| YR     | MO  | DY | JDY | HR | H0  | U* | W* | DT/DZ | ZICNV | ZIMCH | M-O | LEN | Z0 | BOWEN |
|--------|-----|----|-----|----|-----|----|----|-------|-------|-------|-----|-----|----|-------|
| ALBEDO | REF | WS | WD  | HT | REF | TA | HT |       |       |       |     |     |    |       |

-----

|      |      |      |   |    |       |       |        |        |       |      |      |      |      |
|------|------|------|---|----|-------|-------|--------|--------|-------|------|------|------|------|
| 16   | 01   | 01   | 1 | 01 | -7.9  | 0.120 | -9.000 | -9.000 | -999. | 100. | 18.2 | 0.04 | 2.10 |
| 1.00 | 1.86 | 306. |   |    | 10.0  | 269.9 | 2.0    |        |       |      |      |      |      |
| 16   | 01   | 01   | 1 | 02 | -8.5  | 0.125 | -9.000 | -9.000 | -999. | 106. | 19.0 | 0.04 | 2.10 |
| 1.00 | 1.93 | 320. |   |    | 10.0  | 270.4 | 2.0    |        |       |      |      |      |      |
| 16   | 01   | 01   | 1 | 03 | -6.0  | 0.104 | -9.000 | -9.000 | -999. | 81.  | 15.6 | 0.04 | 2.10 |
| 1.00 | 1.64 | 342. |   |    | 10.0  | 269.2 | 2.0    |        |       |      |      |      |      |
| 16   | 01   | 01   | 1 | 04 | -14.7 | 0.166 | -9.000 | -9.000 | -999. | 162. | 30.2 | 0.04 | 2.10 |
| 1.00 | 2.52 | 348. |   |    | 10.0  | 269.2 | 2.0    |        |       |      |      |      |      |
| 16   | 01   | 01   | 1 | 05 | -5.6  | 0.103 | -9.000 | -9.000 | -999. | 81.  | 16.3 | 0.07 | 2.10 |
| 1.00 | 1.43 | 291. |   |    | 10.0  | 268.1 | 2.0    |        |       |      |      |      |      |
| 16   | 01   | 01   | 1 | 06 | -8.7  | 0.130 | -9.000 | -9.000 | -999. | 112. | 20.8 | 0.08 | 2.10 |

|      |      |      |      |       |       |       |        |        |       |      |       |      |      |
|------|------|------|------|-------|-------|-------|--------|--------|-------|------|-------|------|------|
| 1.00 | 1.74 | 212. | 10.0 | 265.9 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 07    | -4.6  | 0.094 | -9.000 | -9.000 | -999. | 69.  | 14.9  | 0.08 | 2.10 |
| 1.00 | 1.26 | 237. | 10.0 | 265.4 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 08    | -6.4  | 0.116 | -9.000 | -9.000 | -999. | 95.  | 20.2  | 0.07 | 2.10 |
| 0.58 | 1.59 | 280. | 10.0 | 268.1 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 09    | 23.8  | 0.190 | 0.350  | 0.006  | 60.   | 198. | -23.8 | 0.04 | 2.10 |
| 0.35 | 2.32 | 314. | 10.0 | 272.5 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 10    | 86.5  | 0.191 | 0.897  | 0.005  | 278.  | 201. | -6.7  | 0.04 | 2.10 |
| 0.27 | 2.06 | 316. | 10.0 | 274.2 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 11    | 130.5 | 0.179 | 1.276  | 0.005  | 529.  | 182. | -3.7  | 0.04 | 2.10 |
| 0.24 | 1.79 | 355. | 10.0 | 276.4 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 12    | 152.4 | 0.236 | 1.449  | 0.005  | 663.  | 275. | -7.2  | 0.04 | 2.10 |
| 0.23 | 2.59 | 3.   | 10.0 | 278.1 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 13    | 151.1 | 0.249 | 1.731  | 0.005  | 1140. | 299. | -8.5  | 0.04 | 2.10 |
| 0.24 | 2.79 | 22.  | 10.0 | 279.9 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 14    | 126.6 | 0.243 | 1.735  | 0.011  | 1371. | 288. | -9.4  | 0.05 | 2.10 |
| 0.25 | 2.59 | 38.  | 10.0 | 280.4 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 15    | 79.8  | 0.204 | 1.509  | 0.012  | 1429. | 221. | -8.7  | 0.05 | 2.10 |
| 0.28 | 2.15 | 49.  | 10.0 | 280.4 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 16    | 15.5  | 0.185 | 0.876  | 0.013  | 1440. | 191. | -33.8 | 0.05 | 2.10 |
| 0.37 | 2.22 | 42.  | 10.0 | 280.4 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 17    | -17.9 | 0.208 | -9.000 | -9.000 | -999. | 227. | 47.4  | 0.04 | 2.10 |
| 0.64 | 3.12 | 22.  | 10.0 | 278.8 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 18    | -15.1 | 0.170 | -9.000 | -9.000 | -999. | 168. | 31.6  | 0.04 | 2.10 |
| 1.00 | 2.57 | 352. | 10.0 | 278.1 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 19    | -6.9  | 0.113 | -9.000 | -9.000 | -999. | 92.  | 17.3  | 0.04 | 2.10 |
| 1.00 | 1.77 | 336. | 10.0 | 277.0 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 20    | -12.3 | 0.156 | -9.000 | -9.000 | -999. | 148. | 26.8  | 0.07 | 2.10 |
| 1.00 | 2.10 | 284. | 10.0 | 275.9 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 21    | -14.5 | 0.170 | -9.000 | -9.000 | -999. | 168. | 31.7  | 0.07 | 2.10 |
| 1.00 | 2.27 | 288. | 10.0 | 275.4 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 22    | -13.8 | 0.162 | -9.000 | -9.000 | -999. | 156. | 28.8  | 0.04 | 2.10 |
| 1.00 | 2.45 | 322. | 10.0 | 275.9 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 23    | -19.3 | 0.203 | -9.000 | -9.000 | -999. | 220. | 45.5  | 0.07 | 2.10 |
| 1.00 | 2.69 | 296. | 10.0 | 274.2 | 2.0   |       |        |        |       |      |       |      |      |
| 16   | 01   | 01   | 1    | 24    | -9.4  | 0.132 | -9.000 | -9.000 | -999. | 116. | 20.4  | 0.04 | 2.10 |
| 1.00 | 2.03 | 320. | 10.0 | 275.4 | 2.0   |       |        |        |       |      |       |      |      |

First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
|----|----|----|----|--------|---|------|------|---------|--------|--------|--------|
| 16 | 01 | 01 | 01 | 10.0   | 1 | 306. | 1.86 | 269.9   | 99.0   | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume Study  
 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\*  
 \*\*\* Prairie Song BESS Plume Study  
 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394631.19   | 3816480.66  | 39.84127   | (18111001) | 394655.12   |
| 3816480.99  | 41.13502    | (18111001) |            |             |
| 394679.05   | 3816481.31  | 44.98713   | (19031113) | 394702.98   |
| 3816481.64  | 61.90483    | (18070713) |            |             |
| 394726.91   | 3816481.97  | 87.20444   | (18070713) | 394750.84   |
| 3816482.30  | 122.66012   | (17120520) |            |             |
| 394774.77   | 3816482.62  | 191.63925  | (16020724) | 394798.71   |
| 3816482.95  | 379.56343   | (17070818) |            |             |
| 394822.64   | 3816483.28  | 508.14169  | (19122217) | 394846.57   |
| 3816483.61  | 754.41757   | (17082917) |            |             |
| 394870.50   | 3816483.94  | 1277.66177 | (16070301) | 394894.43   |
| 3816484.26  | 1616.05932  | (18040406) |            |             |
| 394918.36   | 3816484.59  | 1428.73851 | (17091723) | 394942.29   |
| 3816484.92  | 872.11602   | (16093002) |            |             |
| 394966.22   | 3816485.25  | 530.13394  | (16101413) | 394990.15   |
| 3816485.57  | 376.09971   | (16091113) |            |             |
| 395014.09   | 3816485.90  | 264.74001  | (17110217) | 395038.02   |
| 3816486.23  | 194.34190   | (18061313) |            |             |
| 395061.95   | 3816486.56  | 147.77438  | (16030517) | 394613.56   |
| 3816498.39  | 30.10353    | (19031113) |            |             |
| 394588.91   | 3816473.88  | 27.40293   | (18111001) | 394654.78   |
| 3816505.98  | 46.13550    | (18070713) |            |             |
| 394678.71   | 3816506.31  | 56.50411   | (18070713) | 394702.64   |
| 3816506.64  | 69.00588    | (17120520) |            |             |
| 394726.57   | 3816506.97  | 89.81714   | (19010105) | 394750.50   |
| 3816507.29  | 144.55023   | (19010106) |            |             |
| 394774.43   | 3816507.62  | 236.07560  | (17070818) | 394798.36   |
| 3816507.95  | 280.52625   | (17021716) |            |             |
| 394822.29   | 3816508.28  | 415.56498  | (19030520) | 394846.23   |
| 3816508.61  | 607.87063   | (17090217) |            |             |
| 394870.16   | 3816508.93  | 819.79010  | (17090604) | 394894.09   |
| 3816509.26  | 962.01243   | (19121302) |            |             |
| 394918.02   | 3816509.59  | 919.78550  | (18020607) | 394941.95   |
| 3816509.92  | 658.04054   | (18052901) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395060.92   | 3816561.55  | 162.71494  | (16070523) | 394608.74   |
| 3816596.92  | 56.19149    | (16020724) |            |             |
| 394588.00   | 3816588.20  | 46.18458   | (19010105) | 394567.26   |
| 3816579.48  | 40.48014    | (17120520) |            |             |
| 394516.94   | 3816541.35  | 24.81752   | (19031113) | 394499.25   |
| 3816499.98  | 21.33329    | (18111001) |            |             |
| 394490.40   | 3816479.29  | 16.47780   | (16041712) | 394653.41   |
| 3816605.97  | 84.80404    | (17070818) |            |             |
| 394677.34   | 3816606.30  | 73.82299   | (17021716) | 394701.27   |
| 3816606.63  | 94.96532    | (17021716) |            |             |
| 394725.20   | 3816606.96  | 116.55425  | (17050716) | 394749.13   |
| 3816607.28  | 142.77697   | (19030520) |            |             |
| 394773.06   | 3816607.61  | 158.49301  | (16122324) | 394796.99   |
| 3816607.94  | 187.20179   | (20070304) |            |             |
| 394820.92   | 3816608.27  | 239.16030  | (20090624) | 394844.86   |
| 3816608.60  | 280.58659   | (20040521) |            |             |
| 394868.79   | 3816608.92  | 325.46079  | (20071705) | 394892.72   |
| 3816609.25  | 346.25209   | (19071901) |            |             |
| 394916.65   | 3816609.58  | 374.86656  | (18040406) | 394940.58   |
| 3816609.91  | 382.57149   | (18121920) |            |             |
| 394964.51   | 3816610.23  | 358.71682  | (17091522) | 394988.44   |
| 3816610.56  | 322.38502   | (18110619) |            |             |
| 395012.37   | 3816610.89  | 262.00802  | (18052901) | 395036.30   |
| 3816611.22  | 215.33247   | (20112221) |            |             |
| 395060.24   | 3816611.55  | 173.29349  | (19111422) | 394609.04   |
| 3816647.34  | 62.93922    | (17070818) |            |             |
| 394569.54   | 3816630.72  | 47.74214   | (16020724) | 394530.03   |
| 3816614.11  | 39.68079    | (19010105) |            |             |
| 394482.11   | 3816577.80  | 22.21904   | (18070713) | 394465.26   |
| 3816538.40  | 20.87947    | (19031113) |            |             |
| 394448.41   | 3816498.99  | 16.01760   | (17050715) | 394652.72   |
| 3816655.97  | 67.05977    | (17021716) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394676.65  | 3816656.30 | 75.24881   | (19122217) | 394700.58 |
| 3816656.62 | 95.74104   | (17050716) |            |           |
| 394724.52  | 3816656.95 | 95.99194   | (17082914) | 394748.45 |
| 3816657.28 | 102.17987  | (17082917) |            |           |
| 394772.38  | 3816657.61 | 106.26823  | (20122803) | 394796.31 |
| 3816657.94 | 141.10946  | (17090217) |            |           |
| 394820.24  | 3816658.26 | 154.41920  | (18070716) | 394844.17 |
| 3816658.59 | 164.14879  | (19112706) |            |           |
| 394868.10  | 3816658.92 | 177.85648  | (20071705) | 394892.03 |
| 3816659.25 | 201.85341  | (17051105) |            |           |
| 394915.96  | 3816659.57 | 228.97701  | (20122523) | 394939.90 |
| 3816659.90 | 235.45957  | (18041502) |            |           |
| 394963.83  | 3816660.23 | 221.59372  | (19082003) | 394987.76 |
| 3816660.56 | 205.22509  | (17091522) |            |           |
| 395011.69  | 3816660.89 | 173.32133  | (17091723) | 395035.62 |
| 3816661.21 | 145.35387  | (16040302) |            |           |
| 395059.55  | 3816661.54 | 123.39763  | (16011806) | 394606.50 |
| 3816696.55 | 60.42511   | (17021716) |            |           |
| 394584.90  | 3816687.47 | 47.47393   | (17070818) | 394563.30 |
| 3816678.38 | 57.13971   | (17070818) |            |           |
| 394541.69  | 3816669.30 | 49.18331   | (19010106) | 394520.09 |
| 3816660.21 | 42.29758   | (16020724) |            |           |
| 394498.49  | 3816651.13 | 33.06335   | (19010105) | 394476.88 |
| 3816642.05 | 35.42547   | (19010105) |            |           |
| 394446.07  | 3816611.41 | 28.50370   | (17120520) | 394436.85 |
| 3816589.86 | 20.95292   | (18110824) |            |           |
| 394427.64  | 3816568.31 | 22.63131   | (19031113) | 394418.43 |
| 3816546.77 | 19.98354   | (19031113) |            |           |
| 394409.22  | 3816525.22 | 19.75029   | (18111001) | 394400.00 |
| 3816503.67 | 15.73545   | (17050715) |            |           |
| 394390.79  | 3816482.12 | 13.86023   | (16041712) | 394628.11 |
| 3816705.64 | 62.68747   | (19122217) |            |           |
| 394652.04  | 3816705.96 | 74.31911   | (17050716) | 394675.97 |
| 3816706.29 | 79.98519   | (19030520) |            |           |
| 394699.90  | 3816706.62 | 77.99599   | (16122324) | 394723.83 |
| 3816706.95 | 82.79029   | (17082917) |            |           |
| 394747.76  | 3816707.28 | 97.33064   | (20070304) | 394771.69 |
| 3816707.60 | 117.25266  | (17090217) |            |           |
| 394795.62  | 3816707.93 | 128.60441  | (20092722) | 394819.56 |
| 3816708.26 | 138.37890  | (20040521) |            |           |
| 394843.49  | 3816708.59 | 137.71858  | (17090604) | 394867.42 |
| 3816708.91 | 135.72603  | (20071705) |            |           |
| 394891.35  | 3816709.24 | 144.81940  | (20100201) | 394915.28 |
| 3816709.57 | 168.61813  | (19121302) |            |           |
| 394939.21  | 3816709.90 | 196.93116  | (18011208) | 394963.14 |
| 3816710.23 | 190.86816  | (17122901) |            |           |
| 394987.07  | 3816710.55 | 165.88567  | (16051105) | 395011.00 |
| 3816710.88 | 153.61616  | (17091522) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 394

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395034.94   | 3816711.21  | 149.72582  | (17091723) | 395058.87   |
| 3816711.54  | 156.86575   | (18062302) |            |             |
| 394606.68   | 3816746.91  | 65.51189   | (19010722) | 394585.94   |
| 3816738.19  | 57.99959    | (20122817) |            |             |
| 394544.46   | 3816720.75  | 47.75187   | (17070818) | 394523.73   |
| 3816712.03  | 55.64972    | (17070818) |            |             |
| 394482.25   | 3816694.58  | 48.23552   | (16020720) | 394461.51   |
| 3816685.86  | 43.55322    | (16020724) |            |             |
| 394411.19   | 3816647.73  | 35.74734   | (17120520) | 394402.34   |
| 3816627.05  | 27.78973    | (17120520) |            |             |
| 394393.50   | 3816606.36  | 24.94641   | (18110824) | 394375.81   |
| 3816564.99  | 22.75276    | (19031113) |            |             |
| 394366.96   | 3816544.30  | 20.51654   | (18111001) | 394358.12   |
| 3816523.61  | 17.67816    | (17050715) |            |             |
| 394340.43   | 3816482.24  | 13.02105   | (16041712) | 394651.35   |
| 3816755.96  | 68.57106    | (19030520) |            |             |
| 394675.28   | 3816756.29  | 73.38737   | (19073105) | 394699.21   |
| 3816756.62  | 80.54256    | (19022702) |            |             |
| 394723.15   | 3816756.94  | 108.30301  | (20070304) | 394747.08   |
| 3816757.27  | 99.91834    | (17031802) |            |             |
| 394771.01   | 3816757.60  | 128.28450  | (20090624) | 394794.94   |
| 3816757.93  | 127.93694   | (20083006) |            |             |
| 394818.87   | 3816758.25  | 132.58151  | (16070301) | 394842.80   |
| 3816758.58  | 140.53455   | (20120921) |            |             |
| 394866.73   | 3816758.91  | 143.13705  | (20061105) | 394890.66   |
| 3816759.24  | 155.59436   | (20100201) |            |             |
| 394914.59   | 3816759.57  | 159.09301  | (20021507) | 394938.53   |
| 3816759.89  | 164.68198   | (20110119) |            |             |
| 394962.46   | 3816760.22  | 162.68839  | (18041502) | 394986.39   |
| 3816760.55  | 151.18345   | (18121920) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816761.20 | 395010.32 | 3816760.88 | 138.78653  | (18020607) | 395034.25 |
|            |           | 140.45178  | (17091522) |            |           |
| 3816796.38 | 395058.18 | 3816761.53 | 155.74918  | (17091723) | 394604.74 |
|            |           | 94.50389   | (20010603) |            |           |
| 3816777.88 | 394582.74 | 3816787.13 | 98.93589   | (20031604) | 394560.75 |
|            |           | 98.36463   | (19010722) |            |           |
| 3816759.38 | 394538.75 | 3816768.63 | 73.67956   | (20011507) | 394516.76 |
|            |           | 57.04902   | (17021716) |            |           |
| 3816740.88 | 394494.76 | 3816750.13 | 58.85105   | (16020721) | 394472.76 |
|            |           | 64.06872   | (18101619) |            |           |
| 3816722.38 | 394450.77 | 3816731.63 | 56.26143   | (19010106) | 394428.77 |
|            |           | 53.03188   | (16020724) |            |           |
| 3816681.94 | 394406.78 | 3816713.13 | 44.63369   | (16101922) | 394375.40 |
|            |           | 41.33397   | (17120521) |            |           |
| 3816638.06 | 394366.02 | 3816660.00 | 36.18077   | (17120520) | 394356.64 |
|            |           | 29.29403   | (18110824) |            |           |
| 3816594.18 | 394347.26 | 3816616.12 | 26.24548   | (16120302) | 394337.88 |
|            |           | 25.54640   | (19031113) |            |           |
| 3816550.30 | 394328.50 | 3816572.24 | 22.10622   | (19031113) | 394319.12 |
|            |           | 19.94219   | (18111001) |            |           |
| 3816506.42 | 394309.74 | 3816528.36 | 17.88615   | (17050715) | 394300.36 |
|            |           | 14.63210   | (16020810) |            |           |
| 3816805.63 | 394290.98 | 3816484.47 | 12.61543   | (16020810) | 394626.74 |
|            |           | 96.03913   | (19073105) |            |           |
| 3816806.28 | 394650.67 | 3816805.95 | 96.28558   | (19073105) | 394674.60 |
|            |           | 97.05536   | (19022702) |            |           |
| 3816806.94 | 394698.53 | 3816806.61 | 115.49872  | (20070304) | 394722.46 |
|            |           | 98.68252   | (20071701) |            |           |
| 3816807.59 | 394746.39 | 3816807.27 | 142.86721  | (20090624) | 394770.32 |
|            |           | 136.17036  | (20092722) |            |           |
| 3816808.25 | 394794.25 | 3816807.92 | 139.40235  | (20040521) | 394818.19 |
|            |           | 131.81399  | (20011406) |            |           |
| 3816808.90 | 394842.12 | 3816808.58 | 133.38804  | (20120921) | 394866.05 |
|            |           | 154.16284  | (20061105) |            |           |
| 3816809.56 | 394889.98 | 3816809.23 | 188.45065  | (20100201) | 394913.91 |
|            |           | 192.13839  | (19091402) |            |           |
| 3816810.22 | 394937.84 | 3816809.89 | 163.71120  | (20071604) | 394961.77 |
|            |           | 145.56420  | (18011208) |            |           |
| 3816811.53 | 394985.70 | 3816810.54 | 137.04456  | (18090323) | 395009.63 |
|            |           | 127.13695  | (19082003) |            |           |
| 3816888.18 | 395033.57 | 3816811.20 | 126.18275  | (19060603) | 395057.50 |
|            |           | 123.14584  | (16081401) |            |           |
| 3816862.01 | 394604.63 | 3816896.90 | 505.15218  | (16021903) | 394583.89 |
|            |           | 515.12309  | (16120122) |            |           |
| 3816827.13 | 394542.41 | 3816870.73 | 494.61098  | (17122222) | 394521.67 |
|            |           | 510.49198  | (17100502) |            |           |
| 3816800.97 | 394480.19 | 3816844.57 | 482.15818  | (20032004) | 394438.71 |
|            |           | 496.64318  | (19113003) |            |           |
|            | 394417.98 | 3816818.41 | 477.62388  | (20031724) | 394376.50 |
|            |           | 508.36604  | (17111302) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 395

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |           |
|-------------|-------------|------------|------------|-------------|-----------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |           |
| 3816754.12  | 394355.76   | 3816792.24 | 528.07321  | (17010803)  | 394305.43 |
| 3816692.05  | 421.77127   | (16112420) |            |             |           |
| 3816629.99  | 394287.75   | 3816712.74 | 79.88465   | (20010905)  | 394278.90 |
| 3816588.62  | 44.65036    | (17120507) |            |             |           |
| 3816526.56  | 394270.06   | 3816671.37 | 34.81467   | (18110824)  | 394252.37 |
| 3816469.30  | 27.13168    | (20112703) |            |             |           |
| 3816405.95  | 394243.53   | 3816609.31 | 25.07203   | (19031113)  | 394234.68 |
| 3816340.26  | 22.40736    | (18101509) |            |             |           |
| 3816276.56  | 394216.99   | 3816547.25 | 18.48323   | (17050715)  | 394208.15 |
| 3816212.00  | 16.17905    | (16020810) |            |             |           |
| 3816148.26  | 394199.31   | 3816505.87 | 15.25349   | (16020810)  | 394649.30 |
| 3816084.26  | 454.93168   | (16011301) |            |             |           |
| 3816020.26  | 394673.23   | 3816906.27 | 282.22691  | (20033105)  | 394697.16 |
| 3815956.26  | 230.26049   | (20123006) |            |             |           |
| 3815892.26  | 394721.09   | 3816906.93 | 181.80487  | (20111502)  | 394745.02 |
| 3815828.26  | 157.54444   | (18123005) |            |             |           |
| 3815764.26  | 394768.95   | 3816907.58 | 170.83546  | (18012102)  | 394792.88 |
| 3815700.26  | 174.21026   | (16070301) |            |             |           |
| 3815636.26  | 394816.82   | 3816908.24 | 188.51968  | (19122806)  | 394840.75 |
| 3815572.26  | 164.66795   | (20091224) |            |             |           |
| 3815508.26  | 394864.68   | 3816908.90 | 154.32679  | (20061105)  | 394888.61 |
| 3815444.26  | 148.61190   | (20100201) |            |             |           |
| 3815380.26  | 394912.54   | 3816909.55 | 138.65380  | (19091402)  | 394936.47 |
| 3815316.26  | 127.53406   | (20100303) |            |             |           |
| 3815252.26  | 394960.40   | 3816910.21 | 115.15047  | (20110119)  | 394984.33 |
| 3815188.26  | 110.73171   | (20121620) |            |             |           |
| 3815124.26  | 395008.26   | 3816910.86 | 110.78097  | (18090323)  | 395032.20 |
| 3815060.26  | 110.86334   | (18121920) |            |             |           |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816996.73 | 395056.13 | 3816911.52 | 107.35740  | (16051105) | 394602.87 |
|            |           | 522.52003  | (20022707) |            |           |
|            | 394581.75 | 3816987.84 | 561.67701  | (19120105) | 394560.63 |
| 3816978.96 | 543.00457 | (17031323) |            |            |           |
|            | 394539.50 | 3816970.08 | 514.16011  | (20020718) | 394518.38 |
| 3816961.20 | 492.30950 | (19110607) |            |            |           |
|            | 394497.26 | 3816952.31 | 523.42474  | (20111107) | 394476.13 |
| 3816943.43 | 499.47716 | (18011717) |            |            |           |
|            | 394455.01 | 3816934.55 | 472.25307  | (16031907) | 394433.89 |
| 3816925.67 | 509.10294 | (19062704) |            |            |           |
|            | 394412.76 | 3816916.78 | 506.79177  | (20010717) | 394391.64 |
| 3816907.90 | 497.66876 | (19120106) |            |            |           |
|            | 394370.52 | 3816899.02 | 510.26735  | (19120106) | 394349.40 |
| 3816890.14 | 484.09867 | (18070504) |            |            |           |
|            | 394328.27 | 3816881.25 | 501.94557  | (19111222) | 394307.15 |
| 3816872.37 | 502.34680 | (19112123) |            |            |           |
|            | 394286.03 | 3816863.49 | 532.41189  | (16022104) | 394264.90 |
| 3816854.61 | 513.49472 | (18111920) |            |            |           |
|            | 394234.77 | 3816824.65 | 533.03579  | (18022807) | 394225.76 |
| 3816803.58 | 415.09865 | (18022605) |            |            |           |
|            | 394216.76 | 3816782.51 | 263.37172  | (18051604) | 394207.75 |
| 3816761.44 | 138.79329 | (17030123) |            |            |           |
|            | 394198.74 | 3816740.37 | 75.17439   | (20010905) | 394189.73 |
| 3816719.30 | 49.21867  | (17120507) |            |            |           |
|            | 394180.72 | 3816698.23 | 32.71962   | (18021103) | 394171.72 |
| 3816677.16 | 29.54311  | (17120519) |            |            |           |
|            | 394162.71 | 3816656.09 | 26.75602   | (16120221) | 394153.70 |
| 3816635.02 | 24.53075  | (16120303) |            |            |           |
|            | 394144.69 | 3816613.95 | 22.94944   | (18101509) | 394135.68 |
| 3816592.88 | 20.81170  | (17021717) |            |            |           |
|            | 394126.68 | 3816571.81 | 19.17732   | (19031408) | 394117.67 |
| 3816550.74 | 17.10789  | (19031408) |            |            |           |
|            | 394108.66 | 3816529.67 | 15.91198   | (16020810) | 394099.65 |
| 3816508.60 | 14.12071  | (19123012) |            |            |           |
|            | 394090.64 | 3816487.53 | 13.57126   | (20102608) | 394624.00 |
| 3817005.61 | 500.56141 | (18100905) |            |            |           |
|            | 394647.93 | 3817005.94 | 523.30725  | (18011401) | 394671.86 |
| 3817006.26 | 511.90886 | (16022306) |            |            |           |
|            | 394695.79 | 3817006.59 | 506.18201  | (18111802) | 394719.72 |
| 3817006.92 | 488.50814 | (16011108) |            |            |           |
|            | 394743.65 | 3817007.25 | 455.50568  | (19041724) | 394767.58 |
| 3817007.58 | 471.47165 | (17122105) |            |            |           |
|            | 394791.52 | 3817007.90 | 439.78969  | (20121702) | 394815.45 |
| 3817008.23 | 435.06520 | (19122806) |            |            |           |
|            | 394839.38 | 3817008.56 | 367.53454  | (19010405) | 394863.31 |
| 3817008.89 | 322.43324 | (16120707) |            |            |           |
|            | 394887.24 | 3817009.21 | 287.62738  | (16011307) | 394911.17 |
| 3817009.54 | 252.99189 | (16122306) |            |            |           |
|            | 394935.10 | 3817009.87 | 194.71372  | (20051603) | 394959.03 |
| 3817010.20 | 224.22391 | (18012805) |            |            |           |

394982.96 3817010.53 231.54275 (20011807) 395006.90  
 3817010.85 236.32060 (20122103)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 396

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395030.83   | 3817011.18  | 243.83749  | (18120507) | 395054.76   |
| 3817011.51  | 280.85703   | (17122906) |            |             |
| 394601.23   | 3817096.60  | 503.58096  | (18100905) | 394579.83   |
| 3817087.60  | 518.57169   | (20022707) |            |             |
| 394558.44   | 3817078.61  | 504.56897  | (20011802) | 394537.04   |
| 3817069.61  | 544.71964   | (19120105) |            |             |
| 394515.64   | 3817060.61  | 524.54892  | (17031323) | 394494.24   |
| 3817051.61  | 519.21923   | (16121406) |            |             |
| 394472.84   | 3817042.61  | 487.26623  | (17091023) | 394451.45   |
| 3817033.62  | 543.64098   | (20111107) |            |             |
| 394430.05   | 3817024.62  | 508.55645  | (18011717) | 394408.65   |
| 3817015.62  | 447.98096   | (16031907) |            |             |
| 394387.25   | 3817006.62  | 453.72505  | (19062704) | 394365.86   |
| 3816997.62  | 468.99817   | (19062704) |            |             |
| 394344.46   | 3816988.63  | 478.67915  | (20010717) | 394323.06   |
| 3816979.63  | 455.11126   | (16112518) |            |             |
| 394301.66   | 3816970.63  | 511.94482  | (17010720) | 394280.27   |
| 3816961.63  | 454.19229   | (18111302) |            |             |
| 394258.87   | 3816952.63  | 460.26908  | (18070504) | 394237.47   |
| 3816943.64  | 434.59341   | (19111222) |            |             |
| 394216.07   | 3816934.64  | 472.63596  | (16022104) | 394194.68   |
| 3816925.64  | 487.94135   | (17010803) |            |             |
| 394164.15   | 3816895.30  | 443.96254  | (19112102) | 394155.03   |
| 3816873.96  | 361.74436   | (19033022) |            |             |
| 394145.90   | 3816852.61  | 261.99702  | (18022404) | 394136.78   |
| 3816831.27  | 157.09607   | (18051604) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816788.58 | 394127.65 | 3816809.92 | 97.52424   | (17030123) | 394118.53 |
|            |           | 54.95616   | (20010905) |            |           |
| 3816745.89 | 394109.40 | 3816767.24 | 42.62982   | (17120507) | 394100.28 |
|            |           | 34.12035   | (17120507) |            |           |
| 3816703.21 | 394091.15 | 3816724.55 | 27.43056   | (18101508) | 394082.03 |
|            |           | 25.27181   | (18110904) |            |           |
| 3816660.52 | 394072.90 | 3816681.86 | 23.71838   | (18110906) | 394063.78 |
|            |           | 21.97547   | (16120303) |            |           |
| 3816617.83 | 394054.65 | 3816639.17 | 20.56970   | (20112624) | 394045.53 |
|            |           | 19.78422   | (17021717) |            |           |
| 3816575.14 | 394036.40 | 3816596.49 | 18.76068   | (18101518) | 394027.28 |
|            |           | 17.46656   | (19101020) |            |           |
| 3816532.46 | 394018.16 | 3816553.80 | 16.27096   | (16020817) | 394009.03 |
|            |           | 14.40994   | (16020810) |            |           |
| 3816489.77 | 393999.91 | 3816511.11 | 14.03643   | (19123012) | 393990.78 |
|            |           | 13.01003   | (20102608) |            |           |
| 3817105.93 | 394622.63 | 3817105.60 | 523.54238  | (20122117) | 394646.56 |
|            |           | 493.91932  | (17011408) |            |           |
| 3817106.58 | 394670.49 | 3817106.25 | 537.30352  | (16032003) | 394694.42 |
|            |           | 513.75824  | (19110502) |            |           |
| 3817107.24 | 394718.35 | 3817106.91 | 484.34675  | (17112921) | 394742.28 |
|            |           | 464.02474  | (17010808) |            |           |
| 3817107.89 | 394766.21 | 3817107.57 | 497.31501  | (18110320) | 394790.15 |
|            |           | 493.57756  | (18120306) |            |           |
| 3817108.55 | 394814.08 | 3817108.22 | 463.92240  | (18030505) | 394838.01 |
|            |           | 461.72426  | (18112620) |            |           |
| 3817109.20 | 394861.94 | 3817108.88 | 448.31893  | (20010306) | 394885.87 |
|            |           | 432.83859  | (16121722) |            |           |
| 3817109.86 | 394909.80 | 3817109.53 | 406.38190  | (16031604) | 394933.73 |
|            |           | 423.35330  | (20020605) |            |           |
| 3817110.52 | 394957.66 | 3817110.19 | 430.15820  | (18112706) | 394981.59 |
|            |           | 417.10675  | (18011823) |            |           |
| 3817111.17 | 395005.53 | 3817110.84 | 419.91617  | (16032705) | 395029.46 |
|            |           | 435.61636  | (18111203) |            |           |
| 3817196.51 | 395053.39 | 3817111.50 | 441.66069  | (20120504) | 394599.66 |
|            |           | 451.34231  | (16022306) |            |           |
| 3817178.34 | 394578.05 | 3817187.42 | 483.11429  | (20122117) | 394556.45 |
|            |           | 487.30744  | (18100905) |            |           |
| 3817160.17 | 394534.85 | 3817169.25 | 517.96997  | (20022707) | 394513.24 |
|            |           | 504.94665  | (20011802) |            |           |
| 3817142.00 | 394491.64 | 3817151.08 | 518.10155  | (19120105) | 394470.04 |
|            |           | 498.96502  | (17031323) |            |           |
| 3817123.83 | 394448.43 | 3817132.91 | 505.62365  | (16121406) | 394426.83 |
|            |           | 464.71501  | (17091023) |            |           |
| 3817105.66 | 394405.23 | 3817114.75 | 495.79455  | (20111107) | 394383.62 |
|            |           | 458.68937  | (20111107) |            |           |
| 3817087.49 | 394362.02 | 3817096.58 | 471.63445  | (18011717) | 394340.42 |
|            |           | 433.52202  | (16031907) |            |           |
| 3817069.32 | 394318.81 | 3817078.41 | 457.43438  | (19062704) | 394297.21 |
|            |           | 420.42326  | (19062704) |            |           |

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 394189.19   | 3817023.90           | 437.08901  | (18070504) | 394167.59   |
| 3817014.82  | 440.21278 (19111222) |            |            |             |
| 394145.99   | 3817005.73           | 423.22474  | (19112123) | 394124.38   |
| 3816996.65  | 362.05649 (20120121) |            |            |             |
| 394093.57   | 3816966.01           | 243.70091  | (19012421) | 394084.35   |
| 3816944.47  | 220.71934 (19012421) |            |            |             |
| 394075.14   | 3816922.92           | 192.85641  | (17012922) | 394065.93   |
| 3816901.37  | 148.63323 (18022404) |            |            |             |
| 394056.72   | 3816879.82           | 112.73833  | (18022404) | 394047.50   |
| 3816858.27  | 83.96145 (17030123)  |            |            |             |
| 394038.29   | 3816836.72           | 55.37208   | (20010905) | 394029.08   |
| 3816815.17  | 42.53999 (19112603)  |            |            |             |
| 394019.86   | 3816793.62           | 36.37192   | (17120507) | 394010.65   |
| 3816772.07  | 28.27778 (20031001)  |            |            |             |
| 394001.44   | 3816750.53           | 24.11285   | (16120219) | 393992.23   |
| 3816728.98  | 22.33277 (16020801)  |            |            |             |
| 393983.01   | 3816707.43           | 21.43235   | (16121820) | 393973.80   |
| 3816685.88  | 20.04416 (19101021)  |            |            |             |
| 393964.59   | 3816664.33           | 19.10415   | (20112624) | 393955.38   |
| 3816642.78  | 18.14029 (18101519)  |            |            |             |
| 393946.16   | 3816621.23           | 17.77956   | (18101518) | 393936.95   |
| 3816599.68  | 16.66950 (19031123)  |            |            |             |
| 393927.74   | 3816578.13           | 15.39531   | (17012721) | 393918.53   |
| 3816556.58  | 14.51004 (16020817)  |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393909.31  | 3816535.04 | 13.13232   | (17120510) | 393900.10 |
| 3816513.49 | 12.51125   | (19123012) |            |           |
| 393890.89  | 3816491.94 | 11.83770   | (17121416) | 394621.26 |
| 3817205.59 | 508.54409  | (19122402) |            |           |
| 394645.19  | 3817205.92 | 509.62974  | (16032003) | 394669.12 |
| 3817206.25 | 479.93218  | (18012218) |            |           |
| 394693.05  | 3817206.57 | 458.92842  | (17112921) | 394716.98 |
| 3817206.90 | 439.50416  | (17010808) |            |           |
| 394740.91  | 3817207.23 | 508.54238  | (17111118) | 394764.85 |
| 3817207.56 | 491.26953  | (16102921) |            |           |
| 394788.78  | 3817207.88 | 516.43514  | (19120218) | 394812.71 |
| 3817208.21 | 510.64979  | (16050324) |            |           |
| 394836.64  | 3817208.54 | 503.81790  | (19122906) | 394860.57 |
| 3817208.87 | 460.90113  | (17113008) |            |           |
| 394884.50  | 3817209.20 | 499.23928  | (18020403) | 394908.43 |
| 3817209.52 | 479.14922  | (20022706) |            |           |
| 394932.36  | 3817209.85 | 481.45459  | (20112808) | 394956.29 |
| 3817210.18 | 501.11315  | (16122919) |            |           |
| 394980.23  | 3817210.51 | 464.77995  | (19112108) | 395004.16 |
| 3817210.83 | 494.08768  | (19112108) |            |           |
| 395028.09  | 3817211.16 | 471.41583  | (16100904) | 395052.02 |
| 3817211.49 | 492.03485  | (17102307) |            |           |
| 394598.13  | 3817296.43 | 487.35274  | (19122402) | 394576.36 |
| 3817287.28 | 418.53255  | (17011408) |            |           |
| 394554.60  | 3817278.13 | 477.14895  | (20122117) | 394532.84 |
| 3817268.97 | 438.23974  | (18100905) |            |           |
| 394511.07  | 3817259.82 | 424.01881  | (18100905) | 394489.31 |
| 3817250.67 | 484.42786  | (20022707) |            |           |
| 394467.55  | 3817241.52 | 488.45461  | (20011802) | 394445.78 |
| 3817232.37 | 485.72040  | (19120105) |            |           |
| 394424.02  | 3817223.21 | 470.76911  | (17031323) | 394402.26 |
| 3817214.06 | 480.64801  | (16121406) |            |           |
| 394380.49  | 3817204.91 | 426.56793  | (17091023) | 394358.73 |
| 3817195.76 | 425.51556  | (20111107) |            |           |
| 394336.97  | 3817186.61 | 475.53339  | (20111107) | 394315.20 |
| 3817177.46 | 454.89991  | (18011717) |            |           |
| 394293.44  | 3817168.30 | 388.65833  | (18121508) | 394271.68 |
| 3817159.15 | 388.41696  | (16031907) |            |           |
| 394249.91  | 3817150.00 | 439.51719  | (19062704) | 394228.15 |
| 3817140.85 | 388.18827  | (20010717) |            |           |
| 394206.39  | 3817131.70 | 410.62777  | (20010717) | 394184.62 |
| 3817122.55 | 386.41930  | (16112518) |            |           |
| 394162.86  | 3817113.39 | 460.71306  | (17010720) | 394141.09 |
| 3817104.24 | 395.26887  | (18111107) |            |           |
| 394119.33  | 3817095.09 | 390.44008  | (18070504) | 394097.57 |
| 3817085.94 | 402.64125  | (19111222) |            |           |
| 394075.80  | 3817076.79 | 356.43901  | (19111222) | 394054.04 |
| 3817067.64 | 343.86542  | (16121402) |            |           |
| 394023.00  | 3817036.78 | 220.47445  | (16040606) | 394013.72 |
| 3817015.07 | 194.26380  | (19012421) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394004.44  | 3816993.36 | 175.73495  | (16021921) | 393995.15 |
| 3816971.65 | 159.74202  | (17012922) |            |           |
| 393985.87  | 3816949.94 | 137.40893  | (18022404) | 393976.59 |
| 3816928.23 | 117.04041  | (18022404) |            |           |
| 393967.31  | 3816906.52 | 81.87533   | (17030123) | 393958.03 |
| 3816884.82 | 48.95733   | (20010905) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 398

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393948.75   | 3816863.11  | 38.97228   | (16121920) | 393939.47   |
| 3816841.40  | 34.26443    | (17120507) |            |             |
| 393930.19   | 3816819.69  | 28.92466   | (17120507) | 393920.91   |
| 3816797.98  | 25.27200    | (20031001) |            |             |
| 393911.63   | 3816776.27  | 22.72759   | (16120219) | 393902.35   |
| 3816754.56  | 19.94291    | (17090101) |            |             |
| 393893.06   | 3816732.86  | 19.30870   | (16121819) | 393883.78   |
| 3816711.15  | 18.32688    | (17122109) |            |             |
| 393874.50   | 3816689.44  | 17.43314   | (20030204) | 393865.22   |
| 3816667.73  | 16.66651    | (18101519) |            |             |
| 393855.94   | 3816646.02  | 16.00173   | (17122117) | 393846.66   |
| 3816624.31  | 15.21382    | (16120304) |            |             |
| 393837.38   | 3816602.60  | 14.47112   | (17012721) | 393828.10   |
| 3816580.90  | 13.64242    | (16020817) |            |             |
| 393818.82   | 3816559.19  | 12.60747   | (18110902) | 393809.54   |
| 3816537.48  | 11.88137    | (17120518) |            |             |
| 393800.26   | 3816515.77  | 11.27789   | (17120419) | 393790.97   |
| 3816494.06  | 11.66271    | (18010609) |            |             |
| 394619.89   | 3817305.58  | 468.75120  | (19110502) | 394643.82   |
| 3817305.91  | 448.33621   | (18012218) |            |             |
| 394667.75   | 3817306.24  | 428.99940  | (17112921) | 394691.68   |
| 3817306.56  | 403.48657   | (17010808) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394715.61  | 3817306.89 | 456.97215  | (17111118) | 394739.54 |
| 3817307.22 | 476.33748  | (16102921) |            |           |
| 394763.48  | 3817307.55 | 464.87684  | (19120218) | 394787.41 |
| 3817307.87 | 493.66305  | (17010802) |            |           |
| 394811.34  | 3817308.20 | 474.00265  | (16050324) | 394835.27 |
| 3817308.53 | 478.74732  | (16060402) |            |           |
| 394859.20  | 3817308.86 | 423.86145  | (17113008) | 394883.13 |
| 3817309.19 | 485.63555  | (19102022) |            |           |
| 394907.06  | 3817309.51 | 471.11865  | (18020224) | 394930.99 |
| 3817309.84 | 446.92634  | (20112808) |            |           |
| 394954.92  | 3817310.17 | 472.56428  | (20112808) | 394978.86 |
| 3817310.50 | 468.54812  | (16012707) |            |           |
| 395002.79  | 3817310.82 | 485.60431  | (19112108) | 395026.72 |
| 3817311.15 | 419.60368  | (19122305) |            |           |
| 395050.65  | 3817311.48 | 454.87588  | (16100904) | 394594.74 |
| 3817546.42 | 355.00433  | (17112921) |            |           |
| 394573.01  | 3817537.28 | 395.80575  | (19110502) | 394551.28 |
| 3817528.15 | 402.34022  | (16032003) |            |           |
| 394529.56  | 3817519.01 | 411.50811  | (19122402) | 394507.83 |
| 3817509.88 | 368.00963  | (19122402) |            |           |
| 394486.10  | 3817500.74 | 369.04218  | (20122117) | 394464.38 |
| 3817491.60 | 403.63905  | (20122117) |            |           |
| 394442.65  | 3817482.47 | 376.06804  | (18100905) | 394420.92 |
| 3817473.33 | 370.20157  | (18100905) |            |           |
| 394399.20  | 3817464.19 | 413.88648  | (20022707) | 394377.47 |
| 3817455.06 | 366.83228  | (20022707) |            |           |
| 394355.74  | 3817445.92 | 415.80642  | (20011802) | 394334.02 |
| 3817436.78 | 409.42709  | (19120105) |            |           |
| 394312.29  | 3817427.65 | 392.51438  | (19120504) | 394290.56 |
| 3817418.51 | 401.86792  | (16121406) |            |           |
| 394268.84  | 3817409.38 | 378.19070  | (16121406) | 394247.11 |
| 3817400.24 | 368.24898  | (17091023) |            |           |
| 394225.38  | 3817391.10 | 363.92799  | (20111107) | 394203.66 |
| 3817381.97 | 407.73479  | (20111107) |            |           |
| 394181.93  | 3817372.83 | 362.44768  | (18011717) | 394160.20 |
| 3817363.69 | 379.37285  | (18011717) |            |           |
| 394138.48  | 3817354.56 | 320.52336  | (16031907) | 394116.75 |
| 3817345.42 | 317.74004  | (16031907) |            |           |
| 394095.02  | 3817336.29 | 363.25612  | (19062704) | 394073.30 |
| 3817327.15 | 346.58216  | (19062704) |            |           |
| 394051.57  | 3817318.01 | 348.17004  | (20010717) | 394029.84 |
| 3817308.88 | 332.56276  | (18122218) |            |           |
| 394008.12  | 3817299.74 | 317.57119  | (17010720) | 393986.39 |
| 3817290.60 | 383.48084  | (17010720) |            |           |
| 393964.66  | 3817281.47 | 355.92661  | (17010720) | 393942.93 |
| 3817272.33 | 312.69555  | (18111302) |            |           |
| 393921.21  | 3817263.19 | 331.53211  | (18070504) | 393899.48 |
| 3817254.06 | 333.31589  | (19111222) |            |           |
| 393877.75  | 3817244.92 | 319.44449  | (19111222) | 393846.76 |
| 3817214.11 | 223.38512  | (18120307) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393837.50  | 3817192.44 | 197.36301  | (20120121) | 393828.23 |
| 3817170.77 | 163.25520  | (16040606) |            |           |
| 393818.97  | 3817149.10 | 149.38023  | (19012421) | 393809.70 |
| 3817127.43 | 125.31301  | (19012421) |            |           |
| 393800.44  | 3817105.75 | 101.03437  | (17012922) | 393791.17 |
| 3817084.08 | 79.81475   | (17012922) |            |           |
| 393781.91  | 3817062.41 | 66.86980   | (18022404) | 393772.64 |
| 3817040.74 | 48.04965   | (18022404) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 399

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393763.37   | 3817019.06  | 33.76621   | (17030123) | 393754.11   |
| 3816997.39  | 27.75882    | (20122004) |            |             |
| 393744.84   | 3816975.72  | 24.26817   | (16121920) | 393735.58   |
| 3816954.05  | 21.44675    | (19112603) |            |             |
| 393726.31   | 3816932.38  | 18.88072   | (17120507) | 393717.05   |
| 3816910.70  | 16.02312    | (16020723) |            |             |
| 393707.78   | 3816889.03  | 15.46309   | (18030421) | 393698.52   |
| 3816867.36  | 14.73572    | (17120423) |            |             |
| 393689.25   | 3816845.69  | 14.14470   | (16101920) | 393679.99   |
| 3816824.02  | 13.47866    | (17090101) |            |             |
| 393670.72   | 3816802.34  | 13.04802   | (18101504) | 393661.46   |
| 3816780.67  | 12.59370    | (18012818) |            |             |
| 393652.19   | 3816759.00  | 12.25660   | (17122109) | 393642.93   |
| 3816737.33  | 12.06600    | (17121707) |            |             |
| 393633.66   | 3816715.66  | 11.64940   | (18122905) | 393624.40   |
| 3816693.98  | 11.37346    | (18110820) |            |             |
| 393615.13   | 3816672.31  | 11.00832   | (20020404) | 393605.86   |
| 3816650.64  | 10.41894    | (17120717) |            |             |
| 393596.60   | 3816628.97  | 9.99329    | (17120717) | 393587.33   |
| 3816607.30  | 9.73224     | (18110902) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393578.07  | 3816585.62           | 9.37387   | (16120305) | 393568.80 |
| 3816563.95 | 9.41094 (18010609)   |           |            |           |
| 393559.54  | 3816542.28           | 9.85774   | (18010609) | 393550.27 |
| 3816520.61 | 10.18933 (18010609)  |           |            |           |
| 393541.01  | 3816498.93           | 10.39766  | (18010609) | 394616.47 |
| 3817555.56 | 330.24052 (17021123) |           |            |           |
| 394640.40  | 3817555.88           | 326.80492 | (17010808) | 394664.33 |
| 3817556.21 | 367.63633 (17111118) |           |            |           |
| 394688.26  | 3817556.54           | 402.02412 | (17111118) | 394712.19 |
| 3817556.87 | 391.62052 (16102921) |           |            |           |
| 394736.12  | 3817557.20           | 405.73818 | (19120218) | 394760.05 |
| 3817557.52 | 414.22774 (17010802) |           |            |           |
| 394783.98  | 3817557.85           | 408.65855 | (16050324) | 394807.91 |
| 3817558.18 | 409.58056 (18010220) |           |            |           |
| 394831.85  | 3817558.51           | 396.29460 | (16060402) | 394855.78 |
| 3817558.83 | 339.60207 (17113008) |           |            |           |
| 394879.71  | 3817559.16           | 409.13257 | (19102022) | 394903.64 |
| 3817559.49 | 412.54967 (18020224) |           |            |           |
| 394927.57  | 3817559.82           | 364.84527 | (20022706) | 394951.50 |
| 3817560.15 | 399.35349 (20112808) |           |            |           |
| 394975.43  | 3817560.47           | 394.86302 | (20112808) | 394999.36 |
| 3817560.80 | 387.46277 (16012707) |           |            |           |
| 395023.29  | 3817561.13           | 363.46512 | (19112108) | 395047.23 |
| 3817561.46 | 411.48041 (19112108) |           |            |           |
| 394591.34  | 3817796.41           | 269.54423 | (17010808) | 394569.63 |
| 3817787.28 | 276.05882 (17021123) |           |            |           |
| 394547.93  | 3817778.15           | 300.73718 | (17112921) | 394526.23 |
| 3817769.03 | 313.56331 (18012218) |           |            |           |
| 394504.52  | 3817759.90           | 346.10356 | (19110502) | 394482.82 |
| 3817750.77 | 344.68350 (16032003) |           |            |           |
| 394461.11  | 3817741.65           | 346.65283 | (19122402) | 394439.41 |
| 3817732.52 | 333.14132 (19122402) |           |            |           |
| 394417.71  | 3817723.39           | 284.58714 | (16022306) | 394396.00 |
| 3817714.27 | 340.02645 (20122117) |           |            |           |
| 394374.30  | 3817705.14           | 333.89718 | (20122117) | 394352.60 |
| 3817696.01 | 321.30478 (18100905) |           |            |           |
| 394330.89  | 3817686.89           | 319.62610 | (18100905) | 394309.19 |
| 3817677.76 | 340.88054 (20022707) |           |            |           |
| 394287.48  | 3817668.63           | 343.55563 | (20022707) | 394265.78 |
| 3817659.51 | 338.83582 (20011802) |           |            |           |
| 394244.08  | 3817650.38           | 346.42806 | (20011802) | 394222.37 |
| 3817641.25 | 345.87685 (19120105) |           |            |           |
| 394200.67  | 3817632.13           | 337.80238 | (19120504) | 394178.96 |
| 3817623.00 | 342.20945 (17031323) |           |            |           |
| 394157.26  | 3817613.87           | 344.90298 | (16121406) | 394135.56 |
| 3817604.75 | 306.87461 (20020718) |           |            |           |
| 394113.85  | 3817595.62           | 310.82702 | (17091023) | 394092.15 |
| 3817586.49 | 310.18545 (20111107) |           |            |           |
| 394070.45  | 3817577.37           | 346.75890 | (20111107) | 394048.74 |
| 3817568.24 | 306.00415 (20111107) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394027.04  | 3817559.11 | 327.64487  | (18011717) | 394005.33 |
| 3817549.99 | 301.16184  | (18011717) |            |           |
| 393983.63  | 3817540.86 | 273.44755  | (16031907) | 393961.93 |
| 3817531.73 | 263.37929  | (16031907) |            |           |
| 393940.22  | 3817522.61 | 300.61458  | (19062704) | 393918.52 |
| 3817513.48 | 305.55951  | (19062704) |            |           |
| 393896.82  | 3817504.35 | 272.29771  | (20010717) | 393875.11 |
| 3817495.23 | 290.97098  | (20010717) |            |           |
| 393853.41  | 3817486.10 | 253.31583  | (18122218) | 393831.70 |
| 3817476.97 | 227.29331  | (19022301) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 400

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393810.00   | 3817467.85  | 194.48776  | (16112921) | 393788.30   |
| 3817458.72  | 169.58990   | (16112921) |            |             |
| 393766.59   | 3817449.59  | 146.77466  | (19113003) | 393744.89   |
| 3817440.47  | 132.19466   | (17120707) |            |             |
| 393723.18   | 3817431.34  | 112.49441  | (18111103) | 393701.48   |
| 3817422.21  | 96.06397    | (19020820) |            |             |
| 393670.52   | 3817391.44  | 74.46930   | (19122208) | 393661.27   |
| 3817369.79  | 67.82948    | (20110922) |            |             |
| 393652.01   | 3817348.14  | 58.63642   | (17022423) | 393642.76   |
| 3817326.49  | 47.60301    | (17022423) |            |             |
| 393633.50   | 3817304.84  | 36.55260   | (17112517) | 393624.24   |
| 3817283.19  | 37.77075    | (19012421) |            |             |
| 393614.99   | 3817261.54  | 32.79654   | (19012421) | 393605.73   |
| 3817239.89  | 27.39069    | (16011105) |            |             |
| 393596.48   | 3817218.24  | 24.34958   | (17101403) | 393587.22   |
| 3817196.60  | 22.35611    | (19120420) |            |             |
| 393577.97   | 3817174.95  | 21.23794   | (17022504) | 393568.71   |
| 3817153.30  | 19.64486    | (16112804) |            |             |

|            |            |             |             |           |
|------------|------------|-------------|-------------|-----------|
| 393559.46  | 3817131.65 | 19.10071    | (19121904)  | 393550.20 |
| 3817110.00 | 17.88369   | (19121904)  |             |           |
| 393540.94  | 3817088.35 | 16.53829    | (20122004)  | 393531.69 |
| 3817066.70 | 15.09768   | (19122702)  |             |           |
| 393522.43  | 3817045.05 | 13.67418    | (19112603)  | 393513.18 |
| 3817023.40 | 12.83538   | (17030120)  |             |           |
| 393503.92  | 3817001.75 | 12.47041    | (16092718)  | 393494.67 |
| 3816980.10 | 12.17775   | (20011505)  |             |           |
| 393485.41  | 3816958.45 | 11.88192    | (18012819)  | 393476.16 |
| 3816936.81 | 11.55580   | (16120207)  |             |           |
| 393466.90  | 3816915.16 | 11.24484    | (17121706)  | 393457.64 |
| 3816893.51 | 10.97436   | (17121706)  |             |           |
| 393448.39  | 3816871.86 | 10.78929    | (18110917)  | 393439.13 |
| 3816850.21 | 10.61400   | (19122520)  |             |           |
| 393429.88  | 3816828.56 | 10.40200    | (17012624)  | 393420.62 |
| 3816806.91 | 10.22463   | (19010520)  |             |           |
| 393411.37  | 3816785.26 | 9.91990     | (17042904)  | 393402.11 |
| 3816763.61 | 9.60240    | (18101506)  |             |           |
| 393392.86  | 3816741.96 | 9.34070     | (19101103)  | 393383.60 |
| 3816720.31 | 9.09363    | (19010104)  |             |           |
| 393374.35  | 3816698.66 | 8.91244     | (19010104)  | 393365.09 |
| 3816677.01 | 8.75573    | (18020621)  |             |           |
| 393355.83  | 3816655.37 | 8.57732     | (17120522)  | 393346.58 |
| 3816633.72 | 8.40771    | (20120718)  |             |           |
| 393337.32  | 3816612.07 | 8.21234     | (16120305)  | 393328.07 |
| 3816590.42 | 8.15279    | (18010609)  |             |           |
| 393318.81  | 3816568.77 | 8.49394     | (18010609)  | 393309.56 |
| 3816547.12 | 8.76259    | (18010609)  |             |           |
| 393300.30  | 3816525.47 | 8.95350     | (18010609)  | 393291.05 |
| 3816503.82 | 9.06382    | (18010609)  |             |           |
| 394613.04  | 3817805.53 | 297.21732   | (171111118) | 394636.97 |
| 3817805.86 | 341.83587  | (171111118) |             |           |
| 394660.90  | 3817806.19 | 338.81881   | (16102921)  | 394684.83 |
| 3817806.52 | 305.75424  | (16102921)  |             |           |
| 394708.77  | 3817806.84 | 345.41723   | (19120218)  | 394732.70 |
| 3817807.17 | 347.50369  | (17010802)  |             |           |
| 394756.63  | 3817807.50 | 342.75527   | (16050324)  | 394780.56 |
| 3817807.83 | 345.03744  | (18010220)  |             |           |
| 394804.49  | 3817808.16 | 340.57759   | (16060402)  | 394828.42 |
| 3817808.48 | 317.58330  | (16060402)  |             |           |
| 394852.35  | 3817808.81 | 279.07377   | (19102022)  | 394876.28 |
| 3817809.14 | 342.55127  | (19102022)  |             |           |
| 394900.21  | 3817809.47 | 343.56354   | (18020224)  | 394924.15 |
| 3817809.79 | 325.13927  | (18020224)  |             |           |
| 394948.08  | 3817810.12 | 291.34420   | (17031207)  | 394972.01 |
| 3817810.45 | 344.04990  | (20112808)  |             |           |
| 394995.94  | 3817810.78 | 331.04399   | (16122919)  | 395019.87 |
| 3817811.11 | 319.64594  | (16122919)  |             |           |
| 395043.80  | 3817811.43 | 308.72481   | (16012707)  | 394587.93 |
| 3818046.39 | 288.74507  | (171111118) |             |           |





|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393958.98  | 3817781.91 | 266.07932  | (20111107) | 393937.29 |
| 3817772.79 | 296.25400  | (20111107) |            |           |
| 393915.60  | 3817763.67 | 263.11272  | (20111107) | 393893.91 |
| 3817754.55 | 240.15571  | (16032302) |            |           |
| 393872.22  | 3817745.43 | 223.56220  | (16032302) | 393850.54 |
| 3817736.31 | 200.54027  | (18121508) |            |           |
| 393828.85  | 3817727.19 | 181.77881  | (17100502) | 393807.16 |
| 3817718.07 | 157.24279  | (17100502) |            |           |
| 393785.47  | 3817708.95 | 142.60203  | (20031804) | 393763.78 |
| 3817699.83 | 128.63208  | (18021307) |            |           |
| 393742.10  | 3817690.71 | 125.48347  | (20020504) | 393720.41 |
| 3817681.59 | 109.44318  | (20120604) |            |           |
| 393698.72  | 3817672.47 | 96.64834   | (20120604) | 393677.03 |
| 3817663.35 | 84.58481   | (19122619) |            |           |
| 393655.34  | 3817654.23 | 73.67612   | (18012804) | 393633.65 |
| 3817645.11 | 64.31164   | (18012804) |            |           |
| 393611.97  | 3817635.99 | 58.62765   | (19120323) | 393590.28 |
| 3817626.87 | 57.03282   | (20053104) |            |           |
| 393568.59  | 3817617.75 | 57.91539   | (20011501) | 393546.90 |
| 3817608.63 | 60.35867   | (20011501) |            |           |
| 393525.21  | 3817599.51 | 62.06462   | (18111103) | 393494.28 |
| 3817568.75 | 55.55821   | (19020820) |            |           |
| 393485.03  | 3817547.12 | 51.79210   | (19122208) | 393475.78 |
| 3817525.49 | 49.06568   | (20110922) |            |           |
| 393466.53  | 3817503.85 | 46.09872   | (20110922) | 393457.28 |
| 3817482.22 | 45.29883   | (17022423) |            |           |
| 393448.03  | 3817460.59 | 35.66378   | (17022423) | 393438.79 |
| 3817438.95 | 29.27497   | (17112517) |            |           |
| 393429.54  | 3817417.32 | 30.38988   | (19012421) | 393420.29 |
| 3817395.69 | 28.36081   | (19012421) |            |           |
| 393411.04  | 3817374.05 | 25.14222   | (16021921) | 393401.79 |
| 3817352.42 | 22.76966   | (16011105) |            |           |
| 393392.54  | 3817330.79 | 20.95104   | (17021608) | 393383.29 |
| 3817309.15 | 19.42427   | (17021608) |            |           |
| 393374.04  | 3817287.52 | 18.67926   | (17022504) | 393364.79 |
| 3817265.89 | 17.33285   | (17022504) |            |           |
| 393355.55  | 3817244.25 | 17.02342   | (18022101) | 393346.30 |
| 3817222.62 | 16.24665   | (18022101) |            |           |
| 393337.05  | 3817200.99 | 14.95495   | (16011020) | 393327.80 |
| 3817179.35 | 14.08448   | (19122702) |            |           |
| 393318.55  | 3817157.72 | 12.86703   | (19122702) | 393309.30 |
| 3817136.09 | 12.14093   | (19100203) |            |           |
| 393300.05  | 3817114.45 | 11.68696   | (16120808) | 393290.80 |
| 3817092.82 | 10.86434   | (18110921) |            |           |
| 393281.56  | 3817071.19 | 10.57533   | (17120508) | 393272.31 |
| 3817049.55 | 10.21693   | (18101919) |            |           |
| 393263.06  | 3817027.92 | 10.09502   | (18101919) | 393253.81 |
| 3817006.28 | 9.92663    | (19051118) |            |           |
| 393244.56  | 3816984.65 | 9.84815    | (17021220) | 393235.31 |
| 3816963.02 | 9.61293    | (19010107) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393226.06  | 3816941.38         | 9.49391 | (19010107) | 393216.81 |
| 3816919.75 | 9.28728 (18030520) |         |            |           |
| 393207.57  | 3816898.12         | 9.01246 | (18111119) | 393198.32 |
| 3816876.48 | 8.71464 (20022520) |         |            |           |
| 393189.07  | 3816854.85         | 8.48227 | (20022520) | 393179.82 |
| 3816833.22 | 8.35452 (16041524) |         |            |           |
| 393170.57  | 3816811.58         | 8.18666 | (18021105) | 393161.32 |
| 3816789.95 | 8.02536 (20020403) |         |            |           |
| 393152.07  | 3816768.32         | 7.84505 | (20020403) | 393142.82 |
| 3816746.68 | 7.83454 (17012720) |         |            |           |
| 393133.58  | 3816725.05         | 7.89928 | (18122904) | 393124.33 |
| 3816703.42 | 7.97341 (18101507) |         |            |           |
| 393115.08  | 3816681.78         | 8.00195 | (18101507) | 393105.83 |
| 3816660.15 | 8.07242 (17030119) |         |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 402

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 393096.58   | 3816638.52           | 8.08841    | (20030203) | 393087.33   |
| 3816616.88  | 8.04099 (19031521)   |            |            |             |
| 393078.08   | 3816595.25           | 7.97403    | (19031521) | 393068.83   |
| 3816573.62  | 7.88244 (18101503)   |            |            |             |
| 393059.58   | 3816551.98           | 7.81898    | (18010609) | 393050.34   |
| 3816530.35  | 7.93564 (18010609)   |            |            |             |
| 393041.09   | 3816508.72           | 7.99706    | (18010609) | 394609.62   |
| 3818055.51  | 279.56106 (17111118) |            |            |             |
| 394633.55   | 3818055.84           | 283.49335  | (16102921) | 394657.48   |
| 3818056.17  | 266.03661 (19120218) |            |            |             |
| 394681.41   | 3818056.49           | 293.94391  | (19120218) | 394705.34   |
| 3818056.82  | 294.32149 (17010802) |            |            |             |
| 394729.27   | 3818057.15           | 287.58064  | (16050324) | 394753.20   |
| 3818057.48  | 283.80259 (16050324) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3818058.13 | 394777.14 | 3818057.80 | 290.92183  | (18010220) | 394801.07 |
|            |           | 291.12722  | (16060402) |            |           |
|            | 394825.00 | 3818058.46 | 255.33339  | (16060402) | 394848.93 |
| 3818058.79 |           | 241.28539  | (19102022) |            |           |
|            | 394872.86 | 3818059.12 | 289.03967  | (19102022) | 394896.79 |
| 3818059.44 |           | 284.50284  | (19102022) |            |           |
|            | 394920.72 | 3818059.77 | 290.77120  | (18020224) | 394944.65 |
| 3818060.10 |           | 255.07730  | (20022706) |            |           |
|            | 394968.58 | 3818060.43 | 256.53058  | (20112808) | 394992.52 |
| 3818060.75 |           | 294.79101  | (20112808) |            |           |
|            | 395016.45 | 3818061.08 | 280.39261  | (16122919) | 395040.38 |
| 3818061.41 |           | 276.15564  | (16122919) |            |           |
|            | 394584.14 | 3818296.21 | 248.49264  | (16102921) | 394562.09 |
| 3818286.94 |           | 249.49031  | (17111118) |            |           |
|            | 394540.04 | 3818277.67 | 245.58380  | (17111118) | 394517.99 |
| 3818268.40 |           | 208.96288  | (17111118) |            |           |
|            | 394495.94 | 3818259.12 | 194.20857  | (17010808) | 394473.89 |
| 3818249.85 |           | 195.49845  | (17021123) |            |           |
|            | 394451.84 | 3818240.58 | 205.45221  | (17112921) | 394429.79 |
| 3818231.31 |           | 220.78456  | (17112921) |            |           |
|            | 394407.74 | 3818222.04 | 229.89884  | (18012218) | 394385.69 |
| 3818212.76 |           | 249.18733  | (19110502) |            |           |
|            | 394363.64 | 3818203.49 | 257.73143  | (19110502) | 394341.59 |
| 3818194.22 |           | 259.16199  | (16032003) |            |           |
|            | 394319.54 | 3818184.95 | 257.14170  | (19122402) | 394297.49 |
| 3818175.67 |           | 254.70473  | (19122402) |            |           |
|            | 394275.44 | 3818166.40 | 216.06763  | (17011408) | 394253.39 |
| 3818157.13 |           | 217.47295  | (20122117) |            |           |
|            | 394231.34 | 3818147.86 | 254.49324  | (20122117) | 394209.29 |
| 3818138.58 |           | 254.20649  | (20122117) |            |           |
|            | 394187.24 | 3818129.31 | 232.41832  | (20091423) | 394165.19 |
| 3818120.04 |           | 244.11905  | (18100905) |            |           |
|            | 394143.14 | 3818110.77 | 232.26731  | (18100905) | 394121.09 |
| 3818101.49 |           | 246.55584  | (20022707) |            |           |
|            | 394099.04 | 3818092.22 | 261.89007  | (20022707) | 394076.99 |
| 3818082.95 |           | 237.44968  | (20022707) |            |           |
|            | 394054.94 | 3818073.68 | 255.38415  | (20011802) | 394032.89 |
| 3818064.41 |           | 258.71494  | (20011802) |            |           |
|            | 394010.84 | 3818055.13 | 261.13791  | (19120105) | 393988.79 |
| 3818045.86 |           | 252.14296  | (19120504) |            |           |
|            | 393966.73 | 3818036.59 | 249.03271  | (17031323) | 393944.68 |
| 3818027.32 |           | 249.63436  | (17031323) |            |           |
|            | 393922.63 | 3818018.04 | 238.73544  | (16121406) | 393900.58 |
| 3818008.77 |           | 209.52114  | (16121406) |            |           |
|            | 393878.53 | 3817999.50 | 196.40209  | (20020718) | 393856.48 |
| 3817990.23 |           | 192.36772  | (18122004) |            |           |
|            | 393834.43 | 3817980.95 | 175.17332  | (19110607) | 393812.38 |
| 3817971.68 |           | 172.24870  | (20111107) |            |           |
|            | 393790.33 | 3817962.41 | 158.55082  | (20111107) | 393768.28 |
| 3817953.14 |           | 142.94366  | (20021404) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393746.23  | 3817943.86 | 131.53693  | (16032302) | 393724.18 |
| 3817934.59 | 124.84751  | (16032302) |            |           |
| 393702.13  | 3817925.32 | 121.96306  | (18121508) | 393680.08 |
| 3817916.05 | 115.42023  | (17100502) |            |           |
| 393658.03  | 3817906.78 | 115.19298  | (17100502) | 393635.98 |
| 3817897.50 | 121.96392  | (18031105) |            |           |
| 393613.93  | 3817888.23 | 145.04180  | (16121122) | 393591.88 |
| 3817878.96 | 174.24863  | (16121122) |            |           |
| 393569.83  | 3817869.69 | 178.34243  | (20010717) | 393547.78 |
| 3817860.41 | 207.75593  | (20010717) |            |           |
| 393525.73  | 3817851.14 | 192.88259  | (20010717) | 393503.68 |
| 3817841.87 | 171.86464  | (18122218) |            |           |
| 393481.63  | 3817832.60 | 153.95459  | (19022301) | 393459.58 |
| 3817823.32 | 151.32138  | (19120106) |            |           |
| 393437.53  | 3817814.05 | 160.47770  | (19120106) | 393415.48 |
| 3817804.78 | 156.73614  | (19120106) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 403

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393393.43   | 3817795.51  | 164.68927  | (18111107) | 393371.38   |
| 3817786.23  | 164.84889   | (18111302) |            |             |
| 393349.33   | 3817776.96  | 153.88206  | (18111302) | 393317.87   |
| 3817745.69  | 129.94921   | (19111222) |            |             |
| 393308.47   | 3817723.70  | 117.72398  | (19111222) | 393299.07   |
| 3817701.71  | 109.75327   | (16112903) |            |             |
| 393289.66   | 3817679.71  | 93.73563   | (19112123) | 393280.26   |
| 3817657.72  | 84.29192    | (18120307) |            |             |
| 393270.86   | 3817635.72  | 78.10071   | (20120121) | 393261.45   |
| 3817613.73  | 66.61875    | (16040606) |            |             |
| 393252.05   | 3817591.73  | 57.01168   | (16040606) | 393242.65   |
| 3817569.74  | 47.01036    | (16103001) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393233.24  | 3817547.74 | 45.29076   | (19012421) | 393223.84 |
| 3817525.75 | 39.41298   | (19012421) |            |           |
| 393214.44  | 3817503.75 | 34.26315   | (16021921) | 393205.03 |
| 3817481.76 | 30.19995   | (20020807) |            |           |
| 393195.63  | 3817459.76 | 27.94892   | (17012922) | 393186.23 |
| 3817437.77 | 25.41110   | (18010406) |            |           |
| 393176.82  | 3817415.77 | 24.45036   | (18022404) | 393167.42 |
| 3817393.78 | 23.09307   | (18022404) |            |           |
| 393158.02  | 3817371.78 | 20.20422   | (16100107) | 393148.61 |
| 3817349.79 | 19.35397   | (20021808) |            |           |
| 393139.21  | 3817327.79 | 17.94321   | (18022101) | 393129.81 |
| 3817305.80 | 16.72434   | (19011507) |            |           |
| 393120.40  | 3817283.80 | 15.78786   | (19122702) | 393111.00 |
| 3817261.81 | 14.86575   | (19122702) |            |           |
| 393101.60  | 3817239.81 | 13.93368   | (17121420) | 393092.19 |
| 3817217.82 | 13.62310   | (16120808) |            |           |
| 393082.79  | 3817195.82 | 13.07082   | (16120808) | 393073.39 |
| 3817173.83 | 12.99351   | (18110921) |            |           |
| 393063.98  | 3817151.84 | 12.65387   | (18030422) | 393054.58 |
| 3817129.84 | 12.09776   | (18030422) |            |           |
| 393045.18  | 3817107.85 | 12.01215   | (18021305) | 393035.77 |
| 3817085.85 | 11.48667   | (18021305) |            |           |
| 393026.37  | 3817063.86 | 10.83899   | (16011021) | 393016.97 |
| 3817041.86 | 10.45134   | (16011021) |            |           |
| 393007.57  | 3817019.87 | 10.64788   | (19011301) | 392998.16 |
| 3816997.87 | 11.17189   | (16021922) |            |           |
| 392988.76  | 3816975.88 | 12.18595   | (16021922) | 392979.36 |
| 3816953.88 | 13.49030   | (19020123) |            |           |
| 392969.95  | 3816931.89 | 15.04647   | (19031404) | 392960.55 |
| 3816909.89 | 15.78031   | (19031404) |            |           |
| 392951.15  | 3816887.90 | 16.98264   | (19120608) | 392941.74 |
| 3816865.90 | 18.64093   | (19120608) |            |           |
| 392932.34  | 3816843.91 | 19.63826   | (19120608) | 392922.94 |
| 3816821.91 | 21.19995   | (19013107) |            |           |
| 392913.53  | 3816799.92 | 26.52434   | (16122205) | 392904.13 |
| 3816777.92 | 32.88450   | (16030802) |            |           |
| 392894.73  | 3816755.93 | 41.78024   | (16030802) | 392885.32 |
| 3816733.93 | 34.72163   | (18030604) |            |           |
| 392875.92  | 3816711.94 | 26.97941   | (16020421) | 392866.52 |
| 3816689.94 | 19.39353   | (18010904) |            |           |
| 392857.11  | 3816667.95 | 17.16299   | (19112321) | 392847.71 |
| 3816645.96 | 14.72440   | (19112321) |            |           |
| 392838.31  | 3816623.96 | 12.68067   | (20011720) | 392828.90 |
| 3816601.97 | 11.65310   | (17122106) |            |           |
| 392819.50  | 3816579.97 | 10.35744   | (17122106) | 392810.10 |
| 3816557.98 | 9.16293    | (16011908) |            |           |
| 392800.69  | 3816535.98 | 8.41977    | (20011301) | 392791.29 |
| 3816513.99 | 7.97233    | (19123017) |            |           |
| 394606.19  | 3818305.49 | 232.53598  | (16102921) | 394630.12 |
| 3818305.81 | 237.94839  | (19120218) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394654.06  | 3818306.14 | 251.96407  | (19120218) | 394677.99 |
| 3818306.47 | 252.20707  | (17010802) |            |           |
| 394701.92  | 3818306.80 | 243.86627  | (17010802) | 394725.85 |
| 3818307.13 | 249.44878  | (16050324) |            |           |
| 394749.78  | 3818307.45 | 253.02143  | (18010220) | 394773.71 |
| 3818307.78 | 247.58987  | (16060402) |            |           |
| 394797.64  | 3818308.11 | 244.87884  | (16060402) | 394821.57 |
| 3818308.44 | 211.30223  | (17113008) |            |           |
| 394845.50  | 3818308.76 | 209.74753  | (19102022) | 394869.44 |
| 3818309.09 | 246.63035  | (19102022) |            |           |
| 394893.37  | 3818309.42 | 248.97412  | (19102022) | 394917.30 |
| 3818309.75 | 253.22522  | (18020224) |            |           |
| 394941.23  | 3818310.08 | 232.57885  | (18020224) | 394965.16 |
| 3818310.40 | 210.55515  | (20022706) |            |           |
| 394989.09  | 3818310.73 | 232.23789  | (20112808) | 395013.02 |
| 3818311.06 | 253.76316  | (20112808) |            |           |
| 395036.95  | 3818311.39 | 240.27380  | (16122919) | 394577.39 |
| 3818796.21 | 191.46618  | (19120218) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 404

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394555.44   | 3818786.98  | 173.86156  | (19120218) | 394533.48   |
| 3818777.74  | 183.39543   | (16102921) |            |             |
| 394511.53   | 3818768.51  | 193.46427  | (16102921) | 394489.58   |
| 3818759.28  | 189.70225   | (17111118) |            |             |
| 394467.62   | 3818750.05  | 196.24922  | (17111118) | 394445.67   |
| 3818740.82  | 184.43414   | (17111118) |            |             |
| 394423.72   | 3818731.59  | 157.28403  | (17111118) | 394401.76   |
| 3818722.35  | 148.44891   | (17010808) |            |             |
| 394379.81   | 3818713.12  | 146.80045  | (17010808) | 394357.86   |
| 3818703.89  | 154.29465   | (17021123) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394335.90  | 3818694.66 | 164.13039  | (17112921) | 394313.95 |
| 3818685.43 | 170.36850  | (17112921) |            |           |
| 394291.99  | 3818676.20 | 176.47437  | (18012218) | 394270.04 |
| 3818666.96 | 184.63239  | (19110502) |            |           |
| 394248.09  | 3818657.73 | 200.74213  | (19110502) | 394226.13 |
| 3818648.50 | 197.00715  | (19110502) |            |           |
| 394204.18  | 3818639.27 | 201.87014  | (16032003) | 394182.23 |
| 3818630.04 | 197.41569  | (19122402) |            |           |
| 394160.27  | 3818620.81 | 202.31787  | (19122402) | 394138.32 |
| 3818611.57 | 186.82932  | (19122402) |            |           |
| 394116.37  | 3818602.34 | 164.33603  | (17011408) | 394094.41 |
| 3818593.11 | 169.63000  | (20122117) |            |           |
| 394072.46  | 3818583.88 | 195.05260  | (20122117) | 394050.50 |
| 3818574.65 | 201.91779  | (20122117) |            |           |
| 394028.55  | 3818565.41 | 188.13724  | (20122117) | 394006.60 |
| 3818556.18 | 178.50359  | (20091423) |            |           |
| 393984.64  | 3818546.95 | 189.62658  | (18100905) | 393962.69 |
| 3818537.72 | 183.97535  | (18100905) |            |           |
| 393940.74  | 3818528.49 | 178.25034  | (20022707) | 393918.78 |
| 3818519.26 | 200.10075  | (20022707) |            |           |
| 393896.83  | 3818510.02 | 202.17718  | (20022707) | 393874.88 |
| 3818500.79 | 183.90700  | (20022707) |            |           |
| 393852.92  | 3818491.56 | 193.63446  | (20011802) | 393830.97 |
| 3818482.33 | 203.85236  | (20011802) |            |           |
| 393809.01  | 3818473.10 | 198.08045  | (19120105) | 393787.06 |
| 3818463.87 | 202.13870  | (19120105) |            |           |
| 393765.11  | 3818454.63 | 195.62162  | (19120504) | 393743.15 |
| 3818445.40 | 193.68730  | (19120504) |            |           |
| 393721.20  | 3818436.17 | 200.54114  | (17031323) | 393699.25 |
| 3818426.94 | 193.81898  | (16121406) |            |           |
| 393677.29  | 3818417.71 | 200.65479  | (16121406) | 393655.34 |
| 3818408.48 | 187.71921  | (16121406) |            |           |
| 393633.38  | 3818399.24 | 174.09930  | (20020718) | 393611.43 |
| 3818390.01 | 177.57693  | (17091023) |            |           |
| 393589.48  | 3818380.78 | 174.31176  | (17091023) | 393567.52 |
| 3818371.55 | 169.10577  | (20111107) |            |           |
| 393545.57  | 3818362.32 | 192.48208  | (20111107) | 393523.62 |
| 3818353.09 | 198.71337  | (20111107) |            |           |
| 393501.66  | 3818343.85 | 186.26108  | (20111107) | 393479.71 |
| 3818334.62 | 172.10888  | (18011717) |            |           |
| 393457.76  | 3818325.39 | 187.31785  | (18011717) | 393435.80 |
| 3818316.16 | 185.53037  | (18011717) |            |           |
| 393413.85  | 3818306.93 | 167.43663  | (18011717) | 393391.89 |
| 3818297.69 | 147.32385  | (16031907) |            |           |
| 393369.94  | 3818288.46 | 154.56960  | (16031907) | 393347.99 |
| 3818279.23 | 148.14040  | (16031907) |            |           |
| 393326.03  | 3818270.00 | 145.36718  | (19062704) | 393304.08 |
| 3818260.77 | 160.00326  | (19062704) |            |           |
| 393282.13  | 3818251.54 | 161.89431  | (19062704) | 393260.17 |
| 3818242.30 | 147.15078  | (19062704) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393238.22  | 3818233.07 | 133.89033  | (20010717) | 393216.27 |
| 3818223.84 | 142.18732  | (20010717) |            |           |
| 393194.31  | 3818214.61 | 138.20184  | (20010717) | 393172.36 |
| 3818205.38 | 129.70863  | (18122218) |            |           |
| 393150.40  | 3818196.15 | 125.20117  | (18122218) | 393128.45 |
| 3818186.91 | 120.17071  | (16112518) |            |           |
| 393106.50  | 3818177.68 | 120.04482  | (19120106) | 393084.54 |
| 3818168.45 | 126.95743  | (19120106) |            |           |
| 393062.59  | 3818159.22 | 127.36727  | (19120106) | 393040.64 |
| 3818149.99 | 115.77246  | (18111107) |            |           |
| 393018.68  | 3818140.76 | 111.45176  | (18111107) | 392996.73 |
| 3818131.52 | 105.94590  | (18111302) |            |           |
| 392965.41  | 3818100.39 | 97.11406   | (18070504) | 392956.05 |
| 3818078.50 | 89.01065   | (18070504) |            |           |
| 392946.69  | 3818056.60 | 83.88764   | (19111222) | 392937.33 |
| 3818034.70 | 78.15605   | (19111222) |            |           |
| 392927.96  | 3818012.80 | 73.78149   | (16112903) | 392918.60 |
| 3817990.90 | 71.53532   | (16112903) |            |           |
| 392909.24  | 3817969.00 | 71.90427   | (19112123) | 392899.88 |
| 3817947.11 | 68.40022   | (19112123) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 405

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392890.52   | 3817925.21  | 69.45942   | (16022104) | 392881.15   |
| 3817903.31  | 64.93860    | (16022104) |            |             |
| 392871.79   | 3817881.41  | 63.87361   | (17010803) | 392862.43   |
| 3817859.51  | 59.51298    | (17010803) |            |             |
| 392853.07   | 3817837.61  | 58.69707   | (16100207) | 392843.71   |
| 3817815.71  | 57.58818    | (19013102) |            |             |
| 392834.34   | 3817793.82  | 58.30402   | (19013102) | 392824.98   |
| 3817771.92  | 54.77417    | (20021308) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392815.62  | 3817750.02 | 53.52764   | (19020201) | 392806.26 |
| 3817728.12 | 51.94776   | (18022807) |            |           |
| 392796.90  | 3817706.22 | 49.47381   | (17022422) | 392787.53 |
| 3817684.32 | 47.77331   | (18022605) |            |           |
| 392778.17  | 3817662.43 | 44.41193   | (18022605) | 392768.81 |
| 3817640.53 | 42.66129   | (18022404) |            |           |
| 392759.45  | 3817618.63 | 38.90057   | (18022404) | 392750.09 |
| 3817596.73 | 36.74478   | (17011607) |            |           |
| 392740.72  | 3817574.83 | 33.85453   | (17030123) | 392731.36 |
| 3817552.93 | 32.57758   | (17030123) |            |           |
| 392722.00  | 3817531.04 | 29.39175   | (17041101) | 392712.64 |
| 3817509.14 | 27.68999   | (16010418) |            |           |
| 392703.28  | 3817487.24 | 27.06355   | (20010905) | 392693.91 |
| 3817465.34 | 24.98233   | (20010905) |            |           |
| 392684.55  | 3817443.44 | 21.87716   | (18100206) | 392675.19 |
| 3817421.54 | 21.94386   | (20021103) |            |           |
| 392665.83  | 3817399.65 | 21.29110   | (20021103) | 392656.47 |
| 3817377.75 | 21.17317   | (20010906) |            |           |
| 392647.10  | 3817355.85 | 23.43253   | (20010906) | 392637.74 |
| 3817333.95 | 23.93173   | (20022522) |            |           |
| 392628.38  | 3817312.05 | 25.37761   | (19122805) | 392619.02 |
| 3817290.15 | 25.44289   | (20032301) |            |           |
| 392609.66  | 3817268.25 | 26.74185   | (16120807) | 392600.29 |
| 3817246.36 | 31.28339   | (16120807) |            |           |
| 392590.93  | 3817224.46 | 35.51731   | (19120107) | 392581.57 |
| 3817202.56 | 42.40123   | (19120107) |            |           |
| 392572.21  | 3817180.66 | 49.08513   | (16021824) | 392562.84 |
| 3817158.76 | 57.89898   | (16021824) |            |           |
| 392553.48  | 3817136.86 | 71.85780   | (20011502) | 392544.12 |
| 3817114.97 | 85.06584   | (20011502) |            |           |
| 392534.76  | 3817093.07 | 102.99782  | (17111117) | 392525.40 |
| 3817071.17 | 128.15312  | (19120417) |            |           |
| 392516.03  | 3817049.27 | 134.45073  | (19120417) | 392506.67 |
| 3817027.37 | 124.66806  | (16012605) |            |           |
| 392497.31  | 3817005.47 | 109.54259  | (16012605) | 392487.95 |
| 3816983.58 | 90.95289   | (16123017) |            |           |
| 392478.59  | 3816961.68 | 82.86293   | (16123017) | 392469.22 |
| 3816939.78 | 73.95262   | (17030401) |            |           |
| 392459.86  | 3816917.88 | 65.33745   | (16032305) | 392450.50 |
| 3816895.98 | 56.14256   | (16012306) |            |           |
| 392441.14  | 3816874.08 | 48.49593   | (16122205) | 392431.78 |
| 3816852.19 | 47.97842   | (20020604) |            |           |
| 392422.41  | 3816830.29 | 41.93672   | (20020604) | 392413.05 |
| 3816808.39 | 37.88469   | (18030604) |            |           |
| 392403.69  | 3816786.49 | 33.88526   | (16020421) | 392394.33 |
| 3816764.59 | 31.00185   | (16020421) |            |           |
| 392384.97  | 3816742.69 | 27.29131   | (16020421) | 392375.60 |
| 3816720.79 | 27.32085   | (19101005) |            |           |
| 392366.24  | 3816698.90 | 27.57469   | (17010305) | 392356.88 |
| 3816677.00 | 27.51705   | (17010305) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392347.52  | 3816655.10 | 27.33363   | (16121922) | 392338.16 |
| 3816633.20 | 29.04610   | (16121922) |            |           |
| 392328.79  | 3816611.30 | 27.15478   | (16121922) | 392319.43 |
| 3816589.40 | 26.48252   | (18111703) |            |           |
| 392310.07  | 3816567.51 | 28.02271   | (16122623) | 392300.71 |
| 3816545.61 | 30.27596   | (16122623) |            |           |
| 392291.35  | 3816523.71 | 31.89319   | (19121719) | 394599.35 |
| 3818805.44 | 192.34889  | (19120218) |            |           |
| 394623.28  | 3818805.77 | 193.41911  | (17010802) | 394647.21 |
| 3818806.10 | 190.98004  | (17010802) |            |           |
| 394671.14  | 3818806.42 | 193.42817  | (16050324) | 394695.07 |
| 3818806.75 | 187.26559  | (18010220) |            |           |
| 394719.00  | 3818807.08 | 194.37419  | (18010220) | 394742.93 |
| 3818807.41 | 189.68205  | (16060402) |            |           |
| 394766.86  | 3818807.73 | 191.97697  | (16060402) | 394790.79 |
| 3818808.06 | 175.82041  | (16060402) |            |           |
| 394814.73  | 3818808.39 | 158.10749  | (17113008) | 394838.66 |
| 3818808.72 | 163.80425  | (19102022) |            |           |
| 394862.59  | 3818809.05 | 187.48092  | (19102022) | 394886.52 |
| 3818809.37 | 194.12884  | (19102022) |            |           |
| 394910.45  | 3818809.70 | 191.35715  | (18020224) | 394934.38 |
| 3818810.03 | 193.10404  | (18020224) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 406

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394958.31   | 3818810.36  | 176.34307  | (18020224) | 394982.24   |
| 3818810.68  | 162.51123   | (20022706) |            |             |
| 395006.17   | 3818811.01  | 164.97566  | (20112808) | 395030.11   |
| 3818811.34  | 188.32675   | (20112808) |            |             |
| 394570.61   | 3819296.19  | 155.04614  | (17010802) | 394548.72   |
| 3819286.98  | 152.91195   | (19120218) |            |             |

|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| 3819268.57 | 394526.82 | 3819277.78 | 156.20644 | (19120218) | 394504.93 |
|            | 149.46061 | (19120218) |           |            |           |
| 3819250.16 | 394483.04 | 3819259.37 | 133.84069 | (19120218) | 394461.15 |
|            | 148.82892 | (16102921) |           |            |           |
| 3819231.75 | 394439.26 | 3819240.95 | 155.85353 | (16102921) | 394417.37 |
|            | 152.55704 | (16102921) |           |            |           |
| 3819213.34 | 394395.48 | 3819222.54 | 157.81561 | (17111118) | 394373.58 |
|            | 156.03062 | (17111118) |           |            |           |
| 3819194.93 | 394351.69 | 3819204.13 | 143.95840 | (17111118) | 394329.80 |
|            | 124.83809 | (16083102) |           |            |           |
| 3819176.52 | 394307.91 | 3819185.72 | 118.04198 | (17010808) | 394286.02 |
|            | 118.76913 | (17010808) |           |            |           |
| 3819158.10 | 394264.13 | 3819167.31 | 121.49179 | (17021123) | 394242.24 |
|            | 123.15850 | (17021123) |           |            |           |
| 3819139.69 | 394220.34 | 3819148.90 | 133.80998 | (17112921) | 394198.45 |
|            | 136.55623 | (17112921) |           |            |           |
| 3819121.28 | 394176.56 | 3819130.49 | 140.59036 | (18012218) | 394154.67 |
|            | 144.34219 | (18012218) |           |            |           |
| 3819102.87 | 394132.78 | 3819112.08 | 157.59793 | (19110502) | 394110.89 |
|            | 162.67446 | (19110502) |           |            |           |
| 3819084.46 | 394089.00 | 3819093.67 | 157.00777 | (16032003) | 394067.10 |
|            | 162.84432 | (16032003) |           |            |           |
| 3819066.05 | 394045.21 | 3819075.25 | 157.14458 | (19122402) | 394023.32 |
|            | 163.67879 | (19122402) |           |            |           |
| 3819047.64 | 394001.43 | 3819056.84 | 158.23945 | (19122402) | 393979.54 |
|            | 141.95228 | (19122402) |           |            |           |
| 3819029.23 | 393957.65 | 3819038.43 | 129.84619 | (17011408) | 393935.76 |
|            | 136.52174 | (20122117) |           |            |           |
| 3819010.82 | 393913.87 | 3819020.02 | 154.93095 | (20122117) | 393891.97 |
|            | 163.06983 | (20122117) |           |            |           |
| 3818992.40 | 393870.08 | 3819001.61 | 159.16752 | (20122117) | 393848.19 |
|            | 145.15366 | (20091423) |           |            |           |
| 3818973.99 | 393826.30 | 3818983.20 | 144.25024 | (18100905) | 393804.41 |
|            | 152.70440 | (18100905) |           |            |           |
| 3818955.58 | 393782.52 | 3818964.79 | 149.88900 | (18100905) | 393760.63 |
|            | 136.41961 | (18100905) |           |            |           |
| 3818937.17 | 393738.73 | 3818946.38 | 153.77878 | (20022707) | 393716.84 |
|            | 163.70097 | (20022707) |           |            |           |
| 3818918.76 | 393694.95 | 3818927.97 | 161.60732 | (20022707) | 393673.06 |
|            | 147.97365 | (20022707) |           |            |           |
| 3818900.35 | 393651.17 | 3818909.55 | 152.38151 | (20011802) | 393629.28 |
|            | 163.20001 | (20011802) |           |            |           |
| 3818881.94 | 393607.39 | 3818891.14 | 162.17510 | (20011802) | 393585.49 |
|            | 162.39229 | (19120105) |           |            |           |
| 3818863.53 | 393563.60 | 3818872.73 | 161.98158 | (19120105) | 393541.71 |
|            | 157.32135 | (19120504) |           |            |           |
| 3818845.12 | 393519.82 | 3818854.32 | 157.58879 | (19120504) | 393497.93 |
|            | 159.89663 | (17031323) |           |            |           |
| 3818826.71 | 393476.04 | 3818835.91 | 160.93141 | (17031323) | 393454.15 |
|            | 159.43362 | (16121406) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393432.25  | 3818817.50 | 161.31915  | (16121406) | 393410.36 |
| 3818808.29 | 151.80335  | (16121406) |            |           |
| 393388.47  | 3818799.09 | 140.89438  | (20020718) | 393366.58 |
| 3818789.88 | 140.00453  | (17091023) |            |           |
| 393344.69  | 3818780.68 | 143.45224  | (17091023) | 393322.80 |
| 3818771.47 | 136.90302  | (17091023) |            |           |
| 393300.91  | 3818762.27 | 137.88216  | (20111107) | 393279.02 |
| 3818753.06 | 153.91228  | (20111107) |            |           |
| 393257.12  | 3818743.86 | 160.18324  | (20111107) | 393235.23 |
| 3818734.65 | 155.53498  | (20111107) |            |           |
| 393213.34  | 3818725.44 | 140.99111  | (20111107) | 393191.45 |
| 3818716.24 | 142.64126  | (18011717) |            |           |
| 393169.56  | 3818707.03 | 151.28852  | (18011717) | 393147.67 |
| 3818697.83 | 149.98819  | (18011717) |            |           |
| 393125.78  | 3818688.62 | 139.09720  | (18011717) | 393103.88 |
| 3818679.42 | 120.75137  | (18011717) |            |           |
| 393081.99  | 3818670.21 | 121.49047  | (16031907) | 393060.10 |
| 3818661.01 | 123.42638  | (16031907) |            |           |
| 393038.21  | 3818651.80 | 117.54463  | (16031907) | 393016.32 |
| 3818642.59 | 122.22337  | (19062704) |            |           |
| 392994.43  | 3818633.39 | 136.10806  | (19062704) | 392972.54 |
| 3818624.18 | 142.27958  | (19062704) |            |           |
| 392950.64  | 3818614.98 | 139.72710  | (19062704) | 392928.75 |
| 3818605.77 | 129.02411  | (19062704) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 407

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392906.86   | 3818596.57  | 121.10375  | (20010717) | 392884.97   |
| 3818587.36  | 130.73191   | (20010717) |            |             |
| 392863.08   | 3818578.16  | 132.88597  | (20010717) | 392841.19   |
| 3818568.95  | 127.30463   | (20010717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392819.30  | 3818559.74 | 125.29390  | (18122218) | 392797.41 |
| 3818550.54 | 122.43336  | (18122218) |            |           |
| 392775.51  | 3818541.33 | 118.45457  | (17010720) | 392753.62 |
| 3818532.13 | 135.13188  | (17010720) |            |           |
| 392731.73  | 3818522.92 | 145.66951  | (17010720) | 392709.84 |
| 3818513.72 | 148.51370  | (17010720) |            |           |
| 392687.95  | 3818504.51 | 143.33755  | (17010720) | 392666.06 |
| 3818495.31 | 131.08375  | (17010720) |            |           |
| 392644.17  | 3818486.10 | 120.22893  | (18091303) | 392612.94 |
| 3818455.06 | 115.99645  | (18111302) |            |           |
| 392603.60  | 3818433.22 | 123.62000  | (18070504) | 392594.27 |
| 3818411.39 | 128.65083  | (18070504) |            |           |
| 392584.93  | 3818389.55 | 126.31570  | (18070504) | 392575.60 |
| 3818367.71 | 131.61558  | (19111222) |            |           |
| 392566.26  | 3818345.88 | 131.71903  | (19111222) | 392556.93 |
| 3818324.04 | 124.13942  | (19111222) |            |           |
| 392547.59  | 3818302.20 | 116.30151  | (19112123) | 392538.25 |
| 3818280.37 | 127.25663  | (19112123) |            |           |
| 392528.92  | 3818258.53 | 130.17771  | (19112123) | 392519.58 |
| 3818236.70 | 130.50074  | (16022104) |            |           |
| 392510.25  | 3818214.86 | 134.14426  | (16022104) | 392500.91 |
| 3818193.02 | 129.24598  | (16022104) |            |           |
| 392491.58  | 3818171.19 | 124.66860  | (17010803) | 392482.24 |
| 3818149.35 | 121.33945  | (17010803) |            |           |
| 392472.91  | 3818127.51 | 113.45201  | (18111920) | 392463.57 |
| 3818105.68 | 111.18742  | (18111920) |            |           |
| 392454.24  | 3818083.84 | 105.79722  | (19112102) | 392444.90 |
| 3818062.01 | 105.24954  | (19112102) |            |           |
| 392435.56  | 3818040.17 | 98.21227   | (19112102) | 392426.23 |
| 3818018.33 | 98.41438   | (20021308) |            |           |
| 392416.89  | 3817996.50 | 93.27100   | (20021308) | 392407.56 |
| 3817974.66 | 93.04983   | (18022807) |            |           |
| 392398.22  | 3817952.82 | 89.28727   | (18022807) | 392388.89 |
| 3817930.99 | 80.47690   | (19022323) |            |           |
| 392379.55  | 3817909.15 | 77.34252   | (19022323) | 392370.22 |
| 3817887.32 | 74.22738   | (19122817) |            |           |
| 392360.88  | 3817865.48 | 72.01503   | (19122817) | 392351.54 |
| 3817843.64 | 68.03024   | (18120617) |            |           |
| 392342.21  | 3817821.81 | 67.45251   | (18120617) | 392332.87 |
| 3817799.97 | 62.86320   | (18120617) |            |           |
| 392323.54  | 3817778.13 | 61.71911   | (20120617) | 392314.20 |
| 3817756.30 | 57.46885   | (20120617) |            |           |
| 392304.87  | 3817734.46 | 56.99721   | (19010818) | 392295.53 |
| 3817712.63 | 52.98067   | (19010818) |            |           |
| 392286.20  | 3817690.79 | 51.38526   | (18111704) | 392276.86 |
| 3817668.95 | 48.05490   | (18111704) |            |           |
| 392267.53  | 3817647.12 | 46.27720   | (19110606) | 392258.19 |
| 3817625.28 | 43.83355   | (19110606) |            |           |
| 392248.85  | 3817603.44 | 41.13484   | (20021207) | 392239.52 |
| 3817581.61 | 41.51769   | (20021207) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391968.79  | 3816948.36 | 147.79404  | (17011704) | 391959.45 |
| 3816926.52 | 149.53135  | (17011704) |            |           |
| 391950.12  | 3816904.68 | 141.87297  | (17011704) | 391940.78 |
| 3816882.85 | 133.84034  | (18030604) |            |           |
| 391931.45  | 3816861.01 | 131.06396  | (17030222) | 391922.11 |
| 3816839.17 | 136.85561  | (17030222) |            |           |
| 391912.78  | 3816817.34 | 136.97104  | (19011117) | 391903.44 |
| 3816795.50 | 145.48226  | (19011117) |            |           |
| 391894.11  | 3816773.67 | 145.29007  | (19011117) | 391884.77 |
| 3816751.83 | 136.52767  | (19011117) |            |           |
| 391875.43  | 3816729.99 | 120.80134  | (19011117) | 391866.10 |
| 3816708.16 | 108.41413  | (19120324) |            |           |
| 391856.76  | 3816686.32 | 111.35095  | (16111707) | 391847.43 |
| 3816664.48 | 118.42447  | (18111703) |            |           |
| 391838.09  | 3816642.65 | 125.35607  | (18111703) | 391828.76 |
| 3816620.81 | 128.40460  | (16062705) |            |           |
| 391819.42  | 3816598.98 | 138.81067  | (16062705) | 391810.09 |
| 3816577.14 | 141.76039  | (16062705) |            |           |
| 391800.75  | 3816555.30 | 136.86952  | (16062705) | 391791.42 |
| 3816533.47 | 141.07916  | (19120217) |            |           |
| 394592.50  | 3819305.39 | 153.89671  | (17010802) | 394616.43 |
| 3819305.72 | 152.86330  | (16050324) |            |           |
| 394640.36  | 3819306.05 | 153.80644  | (16050324) | 394664.29 |
| 3819306.38 | 152.70834  | (18010220) |            |           |
| 394688.22  | 3819306.70 | 154.91314  | (18010220) | 394712.15 |
| 3819307.03 | 151.07851  | (16060402) |            |           |
| 394736.08  | 3819307.36 | 154.47898  | (16060402) | 394760.02 |
| 3819307.69 | 147.11141  | (16060402) |            |           |
| 394783.95  | 3819308.01 | 130.46714  | (16060402) | 394807.88 |
| 3819308.34 | 122.89517  | (17113008) |            |           |
| 394831.81  | 3819308.67 | 132.07610  | (19102022) | 394855.74 |
| 3819309.00 | 148.38967  | (19102022) |            |           |
| 394879.67  | 3819309.33 | 155.24622  | (19102022) | 394903.60 |
| 3819309.65 | 151.25058  | (19102022) |            |           |
| 394927.53  | 3819309.98 | 155.25262  | (18020224) | 394951.46 |
| 3819310.31 | 152.42115  | (18020224) |            |           |
| 394975.40  | 3819310.64 | 139.36914  | (18020224) | 394999.33 |
| 3819310.96 | 129.97954  | (20022706) |            |           |
| 395023.26  | 3819311.29 | 126.73184  | (17031207) | 394563.59 |
| 3819796.07 | 125.34734  | (16050324) |            |           |
| 394541.54  | 3819786.80 | 128.72246  | (17010802) | 394519.48 |
| 3819777.52 | 129.36633  | (17010802) |            |           |
| 394497.43  | 3819768.25 | 126.05059  | (19120218) | 394475.37 |
| 3819758.97 | 130.30142  | (19120218) |            |           |
| 394453.31  | 3819749.70 | 128.09957  | (19120218) | 394431.26 |
| 3819740.42 | 119.71055  | (19120218) |            |           |
| 394409.20  | 3819731.15 | 114.71001  | (16102921) | 394387.15 |
| 3819721.87 | 125.29784  | (16102921) |            |           |
| 394365.09  | 3819712.60 | 129.99820  | (16102921) | 394343.03 |
| 3819703.32 | 128.04431  | (16102921) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394320.98  | 3819694.05 | 130.42462  | (17111118) | 394298.92 |
| 3819684.77 | 131.81442  | (17111118) |            |           |
| 394276.87  | 3819675.50 | 126.34197  | (17111118) | 394254.81 |
| 3819666.22 | 114.78851  | (17111118) |            |           |
| 394232.75  | 3819656.95 | 102.81829  | (16083102) | 394210.70 |
| 3819647.68 | 97.98348   | (17010808) |            |           |
| 394188.64  | 3819638.40 | 98.65822   | (17010808) | 394166.59 |
| 3819629.13 | 99.37319   | (17021123) |            |           |
| 394144.53  | 3819619.85 | 102.49583  | (17021123) | 394122.47 |
| 3819610.58 | 106.88692  | (17112921) |            |           |
| 394100.42  | 3819601.30 | 112.88923  | (17112921) | 394078.36 |
| 3819592.03 | 112.79841  | (17112921) |            |           |
| 394056.31  | 3819582.75 | 117.44566  | (18012218) | 394034.25 |
| 3819573.48 | 120.07701  | (18012218) |            |           |
| 394012.19  | 3819564.20 | 129.30670  | (19110502) | 393990.14 |
| 3819554.93 | 135.23069  | (19110502) |            |           |
| 393968.08  | 3819545.65 | 133.65253  | (19110502) | 393946.03 |
| 3819536.38 | 133.91734  | (16032003) |            |           |
| 393923.97  | 3819527.10 | 135.30722  | (16032003) | 393901.92 |
| 3819517.83 | 132.01342  | (19122402) |            |           |
| 393879.86  | 3819508.55 | 136.32864  | (19122402) | 393857.80 |
| 3819499.28 | 132.93108  | (19122402) |            |           |
| 393835.75  | 3819490.00 | 122.36955  | (19122402) | 393813.69 |
| 3819480.73 | 110.06218  | (17011408) |            |           |
| 393791.64  | 3819471.45 | 106.10179  | (16022306) | 393769.58 |
| 3819462.18 | 118.81392  | (20122117) |            |           |
| 393747.52  | 3819452.91 | 130.85080  | (20122117) | 393725.47 |
| 3819443.63 | 135.99003  | (20122117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 409

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393703.41  | 3819434.36 | 133.36192  | (20122117) | 393681.36 |
| 3819425.08 | 123.40340  | (20122117) |            |           |
| 393659.30  | 3819415.81 | 120.17671  | (20091423) | 393637.24 |
| 3819406.53 | 124.53177  | (18100905) |            |           |
| 393615.19  | 3819397.26 | 127.34362  | (18100905) | 393593.13 |
| 3819387.98 | 122.86174  | (18100905) |            |           |
| 393571.08  | 3819378.71 | 112.39589  | (20022707) | 393549.02 |
| 3819369.43 | 127.02269  | (20022707) |            |           |
| 393526.96  | 3819360.16 | 135.43931  | (20022707) | 393504.91 |
| 3819350.88 | 136.26864  | (20022707) |            |           |
| 393482.85  | 3819341.61 | 129.38088  | (20022707) | 393460.80 |
| 3819332.33 | 116.79541  | (20011802) |            |           |
| 393438.74  | 3819323.06 | 129.87841  | (20011802) | 393416.68 |
| 3819313.78 | 136.31572  | (20011802) |            |           |
| 393394.63  | 3819304.51 | 135.05830  | (20011802) | 393372.57 |
| 3819295.23 | 134.36600  | (19120105) |            |           |
| 393350.52  | 3819285.96 | 136.02507  | (19120105) | 393328.46 |
| 3819276.69 | 130.04902  | (19120105) |            |           |
| 393306.40  | 3819267.41 | 132.28839  | (19120504) | 393284.35 |
| 3819258.14 | 129.29371  | (19120504) |            |           |
| 393262.29  | 3819248.86 | 134.08446  | (17031323) | 393240.24 |
| 3819239.59 | 134.00117  | (17031323) |            |           |
| 393218.18  | 3819230.31 | 132.01756  | (16121406) | 393196.12 |
| 3819221.04 | 134.94177  | (16121406) |            |           |
| 393174.07  | 3819211.76 | 130.43096  | (16121406) | 393152.01 |
| 3819202.49 | 119.25095  | (16121406) |            |           |
| 393129.96  | 3819193.21 | 115.90085  | (20020718) | 393107.90 |
| 3819183.94 | 117.77333  | (17091023) |            |           |
| 393085.84  | 3819174.66 | 119.29001  | (17091023) | 393063.79 |
| 3819165.39 | 114.39933  | (17091023) |            |           |
| 393041.73  | 3819156.11 | 110.72574  | (20111107) | 393019.68 |
| 3819146.84 | 124.21844  | (20111107) |            |           |
| 392997.62  | 3819137.56 | 132.02698  | (20111107) | 392975.56 |
| 3819128.29 | 132.99441  | (20111107) |            |           |
| 392953.51  | 3819119.01 | 127.02943  | (20111107) | 392931.45 |
| 3819109.74 | 115.09486  | (20111107) |            |           |
| 392909.40  | 3819100.47 | 118.39299  | (18011717) | 392887.34 |
| 3819091.19 | 125.46180  | (18011717) |            |           |
| 392865.28  | 3819081.92 | 126.20826  | (18011717) | 392843.23 |
| 3819072.64 | 120.58203  | (18011717) |            |           |
| 392821.17  | 3819063.37 | 109.47092  | (18011717) | 392799.12 |
| 3819054.09 | 95.71778   | (16031907) |            |           |
| 392777.06  | 3819044.82 | 101.56160  | (16031907) | 392755.00 |
| 3819035.54 | 102.47834  | (16031907) |            |           |
| 392732.95  | 3819026.27 | 98.38672   | (16031907) | 392710.89 |
| 3819016.99 | 97.48241   | (19062704) |            |           |
| 392688.84  | 3819007.72 | 109.26854  | (19062704) | 392666.78 |
| 3818998.44 | 116.63327  | (19062704) |            |           |
| 392644.72  | 3818989.17 | 118.60930  | (19062704) | 392622.67 |
| 3818979.89 | 114.98624  | (19062704) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392600.61  | 3818970.62 | 106.32652  | (19062704) | 392578.56 |
| 3818961.34 | 99.61280   | (20010717) |            |           |
| 392556.50  | 3818952.07 | 107.45606  | (20010717) | 392534.44 |
| 3818942.79 | 110.65751  | (20010717) |            |           |
| 392512.39  | 3818933.52 | 108.84754  | (20010717) | 392490.33 |
| 3818924.24 | 102.54660  | (18122218) |            |           |
| 392468.28  | 3818914.97 | 104.08630  | (18122218) | 392446.22 |
| 3818905.70 | 101.04810  | (18122218) |            |           |
| 392424.16  | 3818896.42 | 97.45295   | (17010720) | 392402.11 |
| 3818887.15 | 110.14195  | (17010720) |            |           |
| 392380.05  | 3818877.87 | 119.16325  | (17010720) | 392358.00 |
| 3818868.60 | 123.47797  | (17010720) |            |           |
| 392335.94  | 3818859.32 | 122.62613  | (17010720) | 392313.88 |
| 3818850.05 | 116.78264  | (17010720) |            |           |
| 392291.83  | 3818840.77 | 106.71844  | (17010720) | 392260.37 |
| 3818809.50 | 94.75011   | (18091303) |            |           |
| 392250.96  | 3818787.50 | 96.96482   | (18111302) | 392241.56 |
| 3818765.50 | 100.49209  | (18070504) |            |           |
| 392232.15  | 3818743.50 | 106.39513  | (18070504) | 392222.74 |
| 3818721.50 | 107.68850  | (18070504) |            |           |
| 392213.34  | 3818699.49 | 105.88525  | (19111222) | 392203.93 |
| 3818677.49 | 110.60507  | (19111222) |            |           |
| 392194.53  | 3818655.49 | 110.32989  | (19111222) | 392185.12 |
| 3818633.49 | 105.04426  | (19111222) |            |           |
| 392175.72  | 3818611.49 | 95.41362   | (19111222) | 392166.31 |
| 3818589.49 | 104.24694  | (19112123) |            |           |
| 392156.90  | 3818567.49 | 110.52876  | (19112123) | 392147.50 |
| 3818545.49 | 111.72338  | (19112123) |            |           |
| 392138.09  | 3818523.49 | 121.36750  | (16022104) | 392128.69 |
| 3818501.49 | 126.34566  | (16022104) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 410

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 392119.28  | 3818479.49           | 125.26816 | (16022104) | 392109.88 |
| 3818457.49 | 121.53449 (17010803) |           |            |           |
| 392100.47  | 3818435.49           | 123.99793 | (17010803) | 392091.06 |
| 3818413.49 | 120.37380 (17010803) |           |            |           |
| 392081.66  | 3818391.49           | 123.57307 | (16102117) | 392072.25 |
| 3818369.49 | 123.03272 (18111920) |           |            |           |
| 392062.85  | 3818347.49           | 124.93236 | (19112102) | 392053.44 |
| 3818325.49 | 128.23959 (19112102) |           |            |           |
| 392044.04  | 3818303.49           | 125.02570 | (19112102) | 392034.63 |
| 3818281.49 | 127.96277 (20021308) |           |            |           |
| 392025.23  | 3818259.49           | 127.92906 | (20021308) | 392015.82 |
| 3818237.49 | 120.76030 (18022807) |           |            |           |
| 392006.41  | 3818215.48           | 119.19502 | (18022807) | 391997.01 |
| 3818193.48 | 112.52486 (18022807) |           |            |           |
| 391987.60  | 3818171.48           | 102.35982 | (18022807) | 391978.20 |
| 3818149.48 | 101.33913 (19022323) |           |            |           |
| 391968.79  | 3818127.48           | 102.51978 | (19122817) | 391959.39 |
| 3818105.48 | 100.96185 (19122817) |           |            |           |
| 391949.98  | 3818083.48           | 96.26079  | (19122817) | 391940.57 |
| 3818061.48 | 95.68262 (18120617)  |           |            |           |
| 391931.17  | 3818039.48           | 92.45296  | (18120617) | 391921.76 |
| 3818017.48 | 84.98844 (20120617)  |           |            |           |
| 391912.36  | 3817995.48           | 82.93173  | (20120617) | 391902.95 |
| 3817973.48 | 78.86007 (20120617)  |           |            |           |
| 391893.55  | 3817951.48           | 81.24901  | (19010818) | 391884.14 |
| 3817929.48 | 79.75857 (19010818)  |           |            |           |
| 391874.73  | 3817907.48           | 75.20079  | (17061502) | 391865.33 |
| 3817885.48 | 76.62069 (17061502)  |           |            |           |
| 391855.92  | 3817863.48           | 75.36728  | (19110606) | 391846.52 |
| 3817841.48 | 78.13792 (19110606)  |           |            |           |
| 391837.11  | 3817819.48           | 74.00538  | (19110606) | 391827.71 |
| 3817797.48 | 65.24862 (19110606)  |           |            |           |
| 391818.30  | 3817775.48           | 57.88288  | (20100724) | 391808.89 |
| 3817753.48 | 59.61181 (17090904)  |           |            |           |
| 391799.49  | 3817731.47           | 65.33851  | (17090904) | 391790.08 |
| 3817709.47 | 67.09148 (17090904)  |           |            |           |
| 391780.68  | 3817687.47           | 72.78910  | (18121622) | 391771.27 |
| 3817665.47 | 74.71482 (18121622)  |           |            |           |
| 391761.87  | 3817643.47           | 76.91104  | (16122217) | 391752.46 |
| 3817621.47 | 78.38866 (16122217)  |           |            |           |
| 391743.05  | 3817599.47           | 71.51814  | (16122217) | 391733.65 |
| 3817577.47 | 63.27288 (16012724)  |           |            |           |
| 391724.24  | 3817555.47           | 54.95169  | (16012724) | 391714.84 |
| 3817533.47 | 46.07857 (16012724)  |           |            |           |
| 391705.43  | 3817511.47           | 41.97051  | (17013018) | 391696.03 |
| 3817489.47 | 36.02572 (17013018)  |           |            |           |
| 391686.62  | 3817467.47           | 32.29421  | (16021824) | 391677.21 |
| 3817445.47 | 27.51908 (16021824)  |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391667.81  | 3817423.47 | 23.80932   | (20011502) | 391658.40 |
| 3817401.47 | 21.49929   | (20011502) |            |           |
| 391649.00  | 3817379.47 | 19.19151   | (20011502) | 391639.59 |
| 3817357.47 | 18.74010   | (19010524) |            |           |
| 391630.19  | 3817335.47 | 16.38467   | (19010524) | 391620.78 |
| 3817313.47 | 13.22975   | (19112222) |            |           |
| 391611.38  | 3817291.47 | 11.24679   | (19112222) | 391601.97 |
| 3817269.47 | 10.64879   | (20092203) |            |           |
| 391592.56  | 3817247.46 | 10.60599   | (20092203) | 391583.16 |
| 3817225.46 | 10.79789   | (19120608) |            |           |
| 391573.75  | 3817203.46 | 11.07130   | (19120608) | 391564.35 |
| 3817181.46 | 11.18504   | (19120608) |            |           |
| 391554.94  | 3817159.46 | 11.11717   | (19120608) | 391545.54 |
| 3817137.46 | 11.07847   | (17042306) |            |           |
| 391536.13  | 3817115.46 | 11.03543   | (17042306) | 391526.72 |
| 3817093.46 | 10.80052   | (17042306) |            |           |
| 391517.32  | 3817071.46 | 10.62707   | (17042306) | 391507.91 |
| 3817049.46 | 12.80662   | (16122205) |            |           |
| 391498.51  | 3817027.46 | 16.93559   | (20020604) | 391489.10 |
| 3817005.46 | 22.43481   | (17011704) |            |           |
| 391479.70  | 3816983.46 | 27.72074   | (18030604) | 391470.29 |
| 3816961.46 | 31.47792   | (18030604) |            |           |
| 391460.88  | 3816939.46 | 30.69203   | (18030604) | 391451.48 |
| 3816917.46 | 26.67391   | (17030222) |            |           |
| 391442.07  | 3816895.46 | 21.63663   | (17030222) | 391432.67 |
| 3816873.46 | 16.88775   | (16020421) |            |           |
| 391423.26  | 3816851.46 | 14.81521   | (20031803) | 391413.86 |
| 3816829.46 | 12.80796   | (20031803) |            |           |
| 391404.45  | 3816807.46 | 12.43726   | (17010305) | 391395.04 |
| 3816785.46 | 13.01534   | (17010305) |            |           |
| 391385.64  | 3816763.45 | 12.77395   | (17010305) | 391376.23 |
| 3816741.45 | 12.52859   | (16111707) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 411

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| -----       |                      |            |            |             |
| 391366.83   | 3816719.45           | 12.41470   | (16111707) | 391357.42   |
| 3816697.45  | 13.06192 (16111707)  |            |            |             |
| 391348.02   | 3816675.45           | 14.92248   | (18111703) | 391338.61   |
| 3816653.45  | 14.85343 (18111703)  |            |            |             |
| 391329.20   | 3816631.45           | 12.65866   | (16122623) | 391319.80   |
| 3816609.45  | 10.83756 (16122623)  |            |            |             |
| 391310.39   | 3816587.45           | 9.96988    | (20011301) | 391300.99   |
| 3816565.45  | 9.73484 (19122218)   |            |            |             |
| 391291.58   | 3816543.45           | 9.32626    | (19122218) | 394585.65   |
| 3819805.35  | 128.33902 (16050324) |            |            |             |
| 394609.58   | 3819805.67           | 125.30355  | (16050324) | 394633.51   |
| 3819806.00  | 127.88754 (18010220) |            |            |             |
| 394657.44   | 3819806.33           | 128.08998  | (18010220) | 394681.37   |
| 3819806.66  | 124.91807 (16060402) |            |            |             |
| 394705.31   | 3819806.98           | 128.33791  | (16060402) | 394729.24   |
| 3819807.31  | 124.99118 (16060402) |            |            |             |
| 394753.17   | 3819807.64           | 115.39190  | (16060402) | 394777.10   |
| 3819807.97  | 105.03529 (17113008) |            |            |             |
| 394801.03   | 3819808.30           | 99.44462   | (17113008) | 394824.96   |
| 3819808.62  | 110.13440 (19102022) |            |            |             |
| 394848.89   | 3819808.95           | 122.06395  | (19102022) | 394872.82   |
| 3819809.28  | 128.22796 (19102022) |            |            |             |
| 394896.75   | 3819809.61           | 127.67948  | (19102022) | 394920.69   |
| 3819809.93  | 126.28044 (18020224) |            |            |             |
| 394944.62   | 3819810.26           | 128.95097  | (18020224) | 394968.55   |
| 3819810.59  | 124.82418 (18020224) |            |            |             |
| 394992.48   | 3819810.92           | 114.54755  | (18020224) | 395016.41   |
| 3819811.25  | 107.84391 (20022706) |            |            |             |
| 394556.81   | 3820296.05           | 108.54466  | (16050324) | 394534.81   |
| 3820286.80  | 109.11228 (16050324) |            |            |             |
| 394512.81   | 3820277.55           | 105.59704  | (16050324) | 394490.82   |
| 3820268.30  | 109.85660 (17010802) |            |            |             |
| 394468.82   | 3820259.05           | 110.29997  | (17010802) | 394446.83   |
| 3820249.80  | 106.53777 (17010802) |            |            |             |
| 394424.83   | 3820240.55           | 110.47367  | (19120218) | 394402.83   |
| 3820231.30  | 110.64538 (19120218) |            |            |             |
| 394380.84   | 3820222.05           | 106.52529  | (19120218) | 394358.84   |
| 3820212.80  | 98.54741 (19120218)  |            |            |             |
| 394336.85   | 3820203.55           | 99.44364   | (16102921) | 394314.85   |
| 3820194.30  | 107.06736 (16102921) |            |            |             |
| 394292.85   | 3820185.05           | 110.71917  | (16102921) | 394270.86   |
| 3820175.80  | 109.93571 (16102921) |            |            |             |
| 394248.86   | 3820166.56           | 109.45372  | (17111118) | 394226.86   |
| 3820157.31  | 112.57519 (17111118) |            |            |             |
| 394204.87   | 3820148.06           | 111.09795  | (17111118) | 394182.87   |
| 3820138.81  | 105.16707 (17111118) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394160.88  | 3820129.56 | 95.46610   | (17111118) | 394138.88 |
| 3820120.31 | 87.23929   | (16083102) |            |           |
| 394116.88  | 3820111.06 | 82.85556   | (17010808) | 394094.89 |
| 3820101.81 | 84.01544   | (17010808) |            |           |
| 394072.89  | 3820092.56 | 82.30488   | (17021123) | 394050.90 |
| 3820083.31 | 86.35952   | (17021123) |            |           |
| 394028.90  | 3820074.06 | 86.80970   | (17021123) | 394006.90 |
| 3820064.81 | 92.63107   | (17112921) |            |           |
| 393984.91  | 3820055.56 | 96.31098   | (17112921) | 393962.91 |
| 3820046.31 | 95.88159   | (17112921) |            |           |
| 393940.92  | 3820037.06 | 99.27247   | (18012218) | 393918.92 |
| 3820027.81 | 102.18692  | (18012218) |            |           |
| 393896.92  | 3820018.56 | 106.63017  | (19110502) | 393874.93 |
| 3820009.31 | 113.47367  | (19110502) |            |           |
| 393852.93  | 3820000.06 | 115.54230  | (19110502) | 393830.93 |
| 3819990.81 | 112.54472  | (19110502) |            |           |
| 393808.94  | 3819981.56 | 114.63407  | (16032003) | 393786.94 |
| 3819972.31 | 115.37978  | (16032003) |            |           |
| 393764.95  | 3819963.06 | 111.40469  | (19122402) | 393742.95 |
| 3819953.81 | 115.85597  | (19122402) |            |           |
| 393720.95  | 3819944.57 | 115.19667  | (19122402) | 393698.96 |
| 3819935.32 | 109.50320  | (19122402) |            |           |
| 393676.96  | 3819926.07 | 99.49506   | (19122402) | 393654.97 |
| 3819916.82 | 92.68888   | (17011408) |            |           |
| 393632.97  | 3819907.57 | 90.50866   | (16022306) | 393610.97 |
| 3819898.32 | 100.55764  | (20122117) |            |           |
| 393588.98  | 3819889.07 | 110.18735  | (20122117) | 393566.98 |
| 3819879.82 | 115.38802  | (20122117) |            |           |
| 393544.98  | 3819870.57 | 115.46797  | (20122117) | 393522.99 |
| 3819861.32 | 110.41412  | (20122117) |            |           |
| 393500.99  | 3819852.07 | 102.91968  | (20091423) | 393479.00 |
| 3819842.82 | 101.62300  | (20091423) |            |           |
| 393457.00  | 3819833.57 | 106.43956  | (18100905) | 393435.00 |
| 3819824.32 | 108.52303  | (18100905) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 412

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC  | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|----------------------|--------------------|------------|-------------|
| 393413.01                  | 3819815.07           | 105.72401          | (18100905) | 393391.01   |
| 3819805.82                 | 98.41258 (18100905)  |                    |            |             |
| 393369.02                  | 3819796.57           | 103.05354          | (20022707) | 393347.02   |
| 3819787.32                 | 112.03253 (20022707) |                    |            |             |
| 393325.02                  | 3819778.07           | 116.37738          | (20022707) | 393303.03   |
| 3819768.82                 | 115.52286 (20022707) |                    |            |             |
| 393281.03                  | 3819759.57           | 109.58842          | (20022707) | 393259.04   |
| 3819750.32                 | 99.35810 (20022707)  |                    |            |             |
| 393237.04                  | 3819741.07           | 108.65285          | (20011802) | 393215.04   |
| 3819731.83                 | 115.03055 (20011802) |                    |            |             |
| 393193.05                  | 3819722.58           | 116.40734          | (20011802) | 393171.05   |
| 3819713.33                 | 112.61264 (20011802) |                    |            |             |
| 393149.05                  | 3819704.08           | 115.59322          | (19120105) | 393127.06   |
| 3819694.83                 | 115.52387 (19120105) |                    |            |             |
| 393105.06                  | 3819685.58           | 110.40120          | (19120105) | 393083.07   |
| 3819676.33                 | 112.63745 (19120504) |                    |            |             |
| 393061.07                  | 3819667.08           | 111.23229          | (19120504) | 393039.07   |
| 3819657.83                 | 112.79965 (17031323) |                    |            |             |
| 393017.08                  | 3819648.58           | 115.11559          | (17031323) | 392995.08   |
| 3819639.33                 | 112.40236 (17031323) |                    |            |             |
| 392973.09                  | 3819630.08           | 113.79809          | (16121406) | 392951.09   |
| 3819620.83                 | 114.86707 (16121406) |                    |            |             |
| 392929.09                  | 3819611.58           | 110.98349          | (16121406) | 392907.10   |
| 3819602.33                 | 102.66732 (16121406) |                    |            |             |
| 392885.10                  | 3819593.08           | 99.40088           | (20020718) | 392863.11   |
| 3819583.83                 | 98.36253 (17091023)  |                    |            |             |
| 392841.11                  | 3819574.58           | 101.64495          | (17091023) | 392819.11   |
| 3819565.33                 | 100.62128 (17091023) |                    |            |             |
| 392797.12                  | 3819556.08           | 95.44781           | (17091023) | 392775.12   |
| 3819546.83                 | 95.45874 (20111107)  |                    |            |             |
| 392753.12                  | 3819537.58           | 105.54507          | (20111107) | 392731.13   |
| 3819528.33                 | 111.85789 (20111107) |                    |            |             |
| 392709.13                  | 3819519.08           | 113.67092          | (20111107) | 392687.14   |
| 3819509.84                 | 110.79392 (20111107) |                    |            |             |
| 392665.14                  | 3819500.59           | 103.60568          | (20111107) | 392643.14   |
| 3819491.34                 | 94.15598 (18011717)  |                    |            |             |
| 392621.15                  | 3819482.09           | 102.54622          | (18011717) | 392599.15   |
| 3819472.84                 | 107.19764 (18011717) |                    |            |             |
| 392577.16                  | 3819463.59           | 107.59158          | (18011717) | 392555.16   |
| 3819454.34                 | 103.71551 (18011717) |                    |            |             |
| 392533.16                  | 3819445.09           | 96.05547           | (18011717) | 392511.17   |
| 3819435.84                 | 85.50208 (18011717)  |                    |            |             |
| 392489.17                  | 3819426.59           | 84.00839           | (16031907) | 392467.17   |
| 3819417.34                 | 87.01613 (16031907)  |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392445.18  | 3819408.09 | 86.66577   | (16031907) | 392423.18 |
| 3819398.84 | 83.02731   | (16031907) |            |           |
| 392401.19  | 3819389.59 | 81.93357   | (19062704) | 392379.19 |
| 3819380.34 | 91.22673   | (19062704) |            |           |
| 392357.19  | 3819371.09 | 97.74554   | (19062704) | 392335.20 |
| 3819361.84 | 100.82210  | (19062704) |            |           |
| 392313.20  | 3819352.59 | 100.15557  | (19062704) | 392291.21 |
| 3819343.34 | 95.85725   | (19062704) |            |           |
| 392269.21  | 3819334.09 | 88.42126   | (19062704) | 392247.21 |
| 3819324.84 | 84.94340   | (20010717) |            |           |
| 392225.22  | 3819315.59 | 90.94247   | (20010717) | 392203.22 |
| 3819306.34 | 93.88822   | (20010717) |            |           |
| 392181.23  | 3819297.09 | 93.50419   | (20010717) | 392159.23 |
| 3819287.85 | 89.86795   | (20010717) |            |           |
| 392137.23  | 3819278.60 | 88.15164   | (18122218) | 392115.24 |
| 3819269.35 | 88.07293   | (18122218) |            |           |
| 392093.24  | 3819260.10 | 84.99066   | (18122218) | 392071.24 |
| 3819250.85 | 82.83457   | (17010720) |            |           |
| 392049.25  | 3819241.60 | 92.55013   | (17010720) | 392027.25 |
| 3819232.35 | 99.92323   | (17010720) |            |           |
| 392005.26  | 3819223.10 | 104.29064  | (17010720) | 391983.26 |
| 3819213.85 | 105.27073  | (17010720) |            |           |
| 391961.26  | 3819204.60 | 102.80792  | (17010720) | 391939.27 |
| 3819195.35 | 97.18322   | (17010720) |            |           |
| 391907.89  | 3819164.16 | 85.06107   | (18091303) | 391898.51 |
| 3819142.22 | 81.23434   | (18091303) |            |           |
| 391889.13  | 3819120.28 | 82.60708   | (18111302) | 391879.75 |
| 3819098.34 | 83.27771   | (18070504) |            |           |
| 391870.37  | 3819076.40 | 89.04161   | (18070504) | 391860.99 |
| 3819054.46 | 91.90213   | (18070504) |            |           |
| 391851.61  | 3819032.51 | 91.53199   | (18070504) | 391842.23 |
| 3819010.57 | 91.45643   | (19111222) |            |           |
| 391832.85  | 3818988.63 | 94.65757   | (19111222) | 391823.47 |
| 3818966.69 | 94.47068   | (19111222) |            |           |
| 391814.09  | 3818944.75 | 90.88481   | (19111222) | 391804.71 |
| 3818922.81 | 84.25365   | (19111222) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 413

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*



\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |                      | Y-COORD (M)<br>CONC | CONC       | (YYMMDDHH) | X-COORD (M) |
|----------------------------|----------------------|---------------------|------------|------------|-------------|
| -----                      |                      |                     |            |            |             |
| 391795.33                  | 3818900.87           | 85.28085            | (19112123) |            | 391785.95   |
| 3818878.93                 | 91.84044 (19112123)  |                     |            |            |             |
| 391776.57                  | 3818856.99           | 95.26768            | (19112123) |            | 391767.19   |
| 3818835.05                 | 96.74363 (16022104)  |                     |            |            |             |
| 391757.81                  | 3818813.11           | 104.19827           | (16022104) |            | 391748.43   |
| 3818791.17                 | 108.02751 (16022104) |                     |            |            |             |
| 391739.05                  | 3818769.23           | 107.77404           | (16022104) |            | 391729.67   |
| 3818747.29                 | 103.43536 (16022104) |                     |            |            |             |
| 391720.29                  | 3818725.34           | 105.82613           | (17010803) |            | 391710.91   |
| 3818703.40                 | 105.32049 (17010803) |                     |            |            |             |
| 391701.53                  | 3818681.46           | 100.91073           | (16102117) |            | 391692.15   |
| 3818659.52                 | 102.46652 (18111920) |                     |            |            |             |
| 391682.77                  | 3818637.58           | 99.63033            | (18111920) |            | 391673.39   |
| 3818615.64                 | 98.85348 (19112102)  |                     |            |            |             |
| 391664.01                  | 3818593.70           | 99.35102            | (19112102) |            | 391654.63   |
| 3818571.76                 | 96.72971 (19112102)  |                     |            |            |             |
| 391645.25                  | 3818549.82           | 95.24218            | (20021308) |            | 391635.87   |
| 3818527.88                 | 94.72121 (20021308)  |                     |            |            |             |
| 391626.49                  | 3818505.94           | 91.20162            | (20021308) |            | 391617.11   |
| 3818484.00                 | 89.00424 (18022807)  |                     |            |            |             |
| 391607.73                  | 3818462.06           | 87.12309            | (18022807) |            | 391598.35   |
| 3818440.11                 | 83.48868 (18022807)  |                     |            |            |             |
| 391588.97                  | 3818418.17           | 76.68518            | (18022807) |            | 391579.59   |
| 3818396.23                 | 73.41057 (19022323)  |                     |            |            |             |
| 391570.21                  | 3818374.29           | 71.91386            | (19122817) |            | 391560.83   |
| 3818352.35                 | 73.17490 (19122817)  |                     |            |            |             |
| 391551.45                  | 3818330.41           | 72.50726            | (19122817) |            | 391542.07   |
| 3818308.47                 | 70.93191 (19122817)  |                     |            |            |             |
| 391532.69                  | 3818286.53           | 76.46022            | (18120617) |            | 391523.31   |
| 3818264.59                 | 76.89436 (18120617)  |                     |            |            |             |
| 391513.93                  | 3818242.65           | 71.03119            | (18120617) |            | 391504.54   |
| 3818220.71                 | 67.59984 (20120617)  |                     |            |            |             |
| 391495.16                  | 3818198.77           | 59.73948            | (20120617) |            | 391485.78   |
| 3818176.83                 | 54.07628 (19010818)  |                     |            |            |             |
| 391476.40                  | 3818154.88           | 52.45851            | (19010818) |            | 391467.02   |
| 3818132.94                 | 53.58202 (19010818)  |                     |            |            |             |
| 391457.64                  | 3818111.00           | 52.23089            | (17061502) |            | 391448.26   |
| 3818089.06                 | 52.48380 (17061502)  |                     |            |            |             |
| 391438.88                  | 3818067.12           | 52.94968            | (17061502) |            | 391429.50   |
| 3818045.18                 | 54.72139 (19110606)  |                     |            |            |             |
| 391420.12                  | 3818023.24           | 51.74316            | (19110606) |            | 391410.74   |
| 3818001.30                 | 45.13935 (19110606)  |                     |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391401.36  | 3817979.36 | 41.09270   | (19110606) | 391391.98 |
| 3817957.42 | 40.96846   | (20100724) |            |           |
| 391382.60  | 3817935.48 | 43.12004   | (17090904) | 391373.22 |
| 3817913.54 | 43.69008   | (17090904) |            |           |
| 391363.84  | 3817891.60 | 41.51846   | (17090904) | 391354.46 |
| 3817869.65 | 42.54815   | (18121622) |            |           |
| 391345.08  | 3817847.71 | 46.12792   | (18121622) | 391335.70 |
| 3817825.77 | 45.32139   | (18121622) |            |           |
| 391326.32  | 3817803.83 | 43.09954   | (16122217) | 391316.94 |
| 3817781.89 | 39.26175   | (16122217) |            |           |
| 391307.56  | 3817759.95 | 35.97392   | (16122217) | 391298.18 |
| 3817738.01 | 36.07220   | (16012724) |            |           |
| 391288.80  | 3817716.07 | 35.12633   | (16012724) | 391279.42 |
| 3817694.13 | 32.12695   | (16012724) |            |           |
| 391270.04  | 3817672.19 | 29.62252   | (17013018) | 391260.66 |
| 3817650.25 | 27.49360   | (17013018) |            |           |
| 391251.28  | 3817628.31 | 24.61089   | (16021824) | 391241.90 |
| 3817606.37 | 23.78711   | (16021824) |            |           |
| 391232.52  | 3817584.43 | 21.63798   | (16021824) | 391223.14 |
| 3817562.48 | 19.92075   | (20011502) |            |           |
| 391213.76  | 3817540.54 | 18.51799   | (20011502) | 391204.38 |
| 3817518.60 | 16.97304   | (20011502) |            |           |
| 391195.00  | 3817496.66 | 15.02546   | (19010524) | 391185.62 |
| 3817474.72 | 14.36250   | (19010524) |            |           |
| 391176.24  | 3817452.78 | 13.34303   | (19010524) | 391166.86 |
| 3817430.84 | 12.07833   | (19112222) |            |           |
| 391157.48  | 3817408.90 | 10.29972   | (19112222) | 391148.10 |
| 3817386.96 | 8.86714    | (20092203) |            |           |
| 391138.72  | 3817365.02 | 8.53269    | (20092203) | 391129.34 |
| 3817343.08 | 8.34131    | (19120608) |            |           |
| 391119.96  | 3817321.14 | 8.32954    | (19120608) | 391110.58 |
| 3817299.20 | 8.20221    | (19120608) |            |           |
| 391101.20  | 3817277.25 | 8.03306    | (19120608) | 391091.82 |
| 3817255.31 | 7.65406    | (19120608) |            |           |
| 391082.44  | 3817233.37 | 7.37936    | (17042306) | 391073.06 |
| 3817211.43 | 7.20640    | (17042306) |            |           |
| 391063.68  | 3817189.49 | 6.87111    | (17042306) | 391054.30 |
| 3817167.55 | 6.46114    | (17042306) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 414

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                      | ** CONC OF ALL |            |             | IN MICROGRAMS/M**3 |
|-------------|----------------------|----------------|------------|-------------|--------------------|
|             |                      | **             |            |             |                    |
| X-COORD (M) | Y-COORD (M)          | CONC           | (YYMMDDHH) | X-COORD (M) |                    |
| Y-COORD (M) | CONC                 | (YYMMDDHH)     |            |             |                    |
| -----       |                      |                |            |             |                    |
| 391044.92   | 3817145.61           | 6.28188        | (19112604) | 391035.54   |                    |
| 3817123.67  | 6.34806 (19112604)   |                |            |             |                    |
| 391026.16   | 3817101.73           | 6.30401        | (19112604) | 391016.78   |                    |
| 3817079.79  | 6.13660 (19112604)   |                |            |             |                    |
| 391007.40   | 3817057.85           | 5.96161        | (19112604) | 390998.02   |                    |
| 3817035.91  | 5.69642 (19100422)   |                |            |             |                    |
| 390988.64   | 3817013.97           | 5.60384        | (18010904) | 390979.26   |                    |
| 3816992.02  | 5.55849 (18010904)   |                |            |             |                    |
| 390969.88   | 3816970.08           | 5.44447        | (18010904) | 390960.50   |                    |
| 3816948.14  | 5.27547 (18010904)   |                |            |             |                    |
| 390951.12   | 3816926.20           | 5.19825        | (19112321) | 390941.74   |                    |
| 3816904.26  | 5.20959 (19112321)   |                |            |             |                    |
| 390932.36   | 3816882.32           | 5.16919        | (19112321) | 390922.97   |                    |
| 3816860.38  | 4.98281 (19112321)   |                |            |             |                    |
| 390913.59   | 3816838.44           | 4.58729        | (20011720) | 390904.21   |                    |
| 3816816.50  | 4.42125 (20011720)   |                |            |             |                    |
| 390894.83   | 3816794.56           | 4.30804        | (20091923) | 390885.45   |                    |
| 3816772.62  | 4.30572 (20091923)   |                |            |             |                    |
| 390876.07   | 3816750.68           | 4.17582        | (20091923) | 390866.69   |                    |
| 3816728.74  | 4.19750 (17031023)   |                |            |             |                    |
| 390857.31   | 3816706.80           | 4.29176        | (17031023) | 390847.93   |                    |
| 3816684.85  | 4.43379 (17031023)   |                |            |             |                    |
| 390838.55   | 3816662.91           | 4.31694        | (20011301) | 390829.17   |                    |
| 3816640.97  | 4.31900 (20011301)   |                |            |             |                    |
| 390819.79   | 3816619.03           | 4.22270        | (20011301) | 390810.41   |                    |
| 3816597.09  | 4.05818 (19122218)   |                |            |             |                    |
| 390801.03   | 3816575.15           | 4.01821        | (19122218) | 390791.65   |                    |
| 3816553.21  | 3.91814 (19122218)   |                |            |             |                    |
| 394578.80   | 3820305.30           | 105.18313      | (18010220) | 394602.73   |                    |
| 3820305.63  | 109.00097 (18010220) |                |            |             |                    |
| 394626.66   | 3820305.95           | 108.35595      | (18010220) | 394650.60   |                    |
| 3820306.28  | 105.71003 (16060402) |                |            |             |                    |
| 394674.53   | 3820306.61           | 108.83520      | (16060402) | 394698.46   |                    |
| 3820306.94  | 107.47193 (16060402) |                |            |             |                    |
| 394722.39   | 3820307.27           | 101.78180      | (16060402) | 394746.32   |                    |
| 3820307.59  | 92.44291 (16060402)  |                |            |             |                    |
| 394770.25   | 3820307.92           | 87.76644       | (17113008) | 394794.18   |                    |
| 3820308.25  | 82.54883 (17113008)  |                |            |             |                    |
| 394818.11   | 3820308.58           | 93.77371       | (19102022) | 394842.04   |                    |
| 3820308.90  | 102.84861 (19102022) |                |            |             |                    |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394865.98  | 3820309.23 | 108.17556  | (19102022) | 394889.91 |
| 3820309.56 | 109.10992  | (19102022) |            |           |
| 394913.84  | 3820309.89 | 105.54192  | (19102022) | 394937.77 |
| 3820310.22 | 108.74953  | (18020224) |            |           |
| 394961.70  | 3820310.54 | 108.93997  | (18020224) | 394985.63 |
| 3820310.87 | 104.66570  | (18020224) |            |           |
| 395009.56  | 3820311.20 | 96.44926   | (18020224) | 394538.56 |
| 3821629.26 | 75.71799   | (18010220) |            |           |
| 394516.58  | 3821620.02 | 76.50461   | (18010220) | 394494.59 |
| 3821610.77 | 75.61158   | (18010220) |            |           |
| 394472.61  | 3821601.53 | 73.63288   | (16050324) | 394450.63 |
| 3821592.29 | 76.10587   | (16050324) |            |           |
| 394428.64  | 3821583.04 | 76.92081   | (16050324) | 394406.66 |
| 3821573.80 | 76.00983   | (16050324) |            |           |
| 394384.68  | 3821564.55 | 74.47192   | (17010802) | 394362.69 |
| 3821555.31 | 76.95635   | (17010802) |            |           |
| 394340.71  | 3821546.07 | 77.72471   | (17010802) | 394318.73 |
| 3821536.82 | 76.71380   | (17010802) |            |           |
| 394296.74  | 3821527.58 | 75.04579   | (19120218) | 394274.76 |
| 3821518.33 | 77.45059   | (19120218) |            |           |
| 394252.78  | 3821509.09 | 78.08890   | (19120218) | 394230.79 |
| 3821499.84 | 76.90380   | (19120218) |            |           |
| 394208.81  | 3821490.60 | 73.96667   | (19120218) | 394186.83 |
| 3821481.36 | 69.46787   | (19120218) |            |           |
| 394164.84  | 3821472.11 | 66.92507   | (16102921) | 394142.86 |
| 3821462.87 | 72.06532   | (16102921) |            |           |
| 394120.88  | 3821453.62 | 75.76623   | (16102921) | 394098.89 |
| 3821444.38 | 77.76276   | (16102921) |            |           |
| 394076.91  | 3821435.14 | 77.90140   | (16102921) | 394054.93 |
| 3821425.89 | 76.16226   | (16102921) |            |           |
| 394032.94  | 3821416.65 | 77.42269   | (17111118) | 394010.96 |
| 3821407.40 | 79.12761   | (17111118) |            |           |
| 393988.98  | 3821398.16 | 78.90255   | (17111118) | 393966.99 |
| 3821388.91 | 76.75226   | (17111118) |            |           |
| 393945.01  | 3821379.67 | 72.82471   | (17111118) | 393923.03 |
| 3821370.43 | 67.38923   | (17111118) |            |           |
| 393901.04  | 3821361.18 | 61.79840   | (16083102) | 393879.06 |
| 3821351.94 | 59.76167   | (16083102) |            |           |
| 393857.08  | 3821342.69 | 58.07054   | (17010808) | 393835.09 |
| 3821333.45 | 58.69275   | (17010808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 415

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393813.11   | 3821324.21  | 57.83460   | (17010808) | 393791.13   |
| 3821314.96  | 58.79095    | (17021123) |            |             |
| 393769.14   | 3821305.72  | 60.54774   | (17021123) | 393747.16   |
| 3821296.47  | 60.77990    | (17021123) |            |             |
| 393725.18   | 3821287.23  | 63.01284   | (17112921) | 393703.19   |
| 3821277.98  | 66.11198    | (17112921) |            |             |
| 393681.21   | 3821268.74  | 67.59359   | (17112921) | 393659.23   |
| 3821259.50  | 67.34033    | (17112921) |            |             |
| 393637.24   | 3821250.25  | 67.93312   | (18012218) | 393615.26   |
| 3821241.01  | 70.72662    | (18012218) |            |             |
| 393593.28   | 3821231.76  | 71.73750   | (18012218) | 393571.29   |
| 3821222.52  | 73.79655    | (19110502) |            |             |
| 393549.31   | 3821213.28  | 78.22152   | (19110502) | 393527.33   |
| 3821204.03  | 80.76089    | (19110502) |            |             |
| 393505.35   | 3821194.79  | 81.21208   | (19110502) | 393483.36   |
| 3821185.54  | 79.53273    | (19110502) |            |             |
| 393461.38   | 3821176.30  | 79.43450   | (16032003) | 393439.40   |
| 3821167.05  | 81.28265    | (16032003) |            |             |
| 393417.41   | 3821157.81  | 80.98980   | (16032003) | 393395.43   |
| 3821148.57  | 78.57447    | (16032003) |            |             |
| 393373.45   | 3821139.32  | 80.64690   | (19122402) | 393351.46   |
| 3821130.08  | 81.74623    | (19122402) |            |             |
| 393329.48   | 3821120.83  | 80.66986   | (19122402) | 393307.50   |
| 3821111.59  | 77.49914    | (19122402) |            |             |
| 393285.51   | 3821102.35  | 72.47462   | (19122402) | 393263.53   |
| 3821093.10  | 65.97386    | (19122402) |            |             |
| 393241.55   | 3821083.86  | 64.45116   | (17011408) | 393219.56   |
| 3821074.61  | 62.89414    | (16022306) |            |             |
| 393197.58   | 3821065.37  | 66.72569   | (20122117) | 393175.60   |
| 3821056.12  | 73.10428    | (20122117) |            |             |
| 393153.61   | 3821046.88  | 77.95701   | (20122117) | 393131.63   |
| 3821037.64  | 80.91091    | (20122117) |            |             |
| 393109.65   | 3821028.39  | 81.73397   | (20122117) | 393087.66   |
| 3821019.15  | 80.35690    | (20122117) |            |             |
| 393065.68   | 3821009.90  | 76.88923   | (20122117) | 393043.70   |
| 3821000.66  | 72.14185    | (20091423) |            |             |
| 393021.71   | 3820991.42  | 72.11270   | (20091423) | 392999.73   |
| 3820982.17  | 71.86305    | (18100905) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392977.75  | 3820972.93 | 75.04352   | (18100905) | 392955.76 |
| 3820963.68 | 76.26643   | (18100905) |            |           |
| 392933.78  | 3820954.44 | 75.43249   | (18100905) | 392911.80 |
| 3820945.19 | 72.60964   | (18100905) |            |           |
| 392889.81  | 3820935.95 | 68.01926   | (18100905) | 392867.83 |
| 3820926.71 | 70.68745   | (20022707) |            |           |
| 392845.85  | 3820917.46 | 76.30162   | (20022707) | 392823.86 |
| 3820908.22 | 80.15690   | (20022707) |            |           |
| 392801.88  | 3820898.97 | 81.95386   | (20022707) | 392779.90 |
| 3820889.73 | 81.55215   | (20022707) |            |           |
| 392757.91  | 3820880.49 | 78.98532   | (20022707) | 392735.93 |
| 3820871.24 | 74.45961   | (20022707) |            |           |
| 392713.95  | 3820862.00 | 69.08017   | (20011802) | 392691.96 |
| 3820852.75 | 75.02470   | (20011802) |            |           |
| 392669.98  | 3820843.51 | 79.30593   | (20011802) | 392648.00 |
| 3820834.26 | 81.60299   | (20011802) |            |           |
| 392626.01  | 3820825.02 | 81.73697   | (20011802) | 392604.03 |
| 3820815.78 | 79.70212   | (20011802) |            |           |
| 392582.05  | 3820806.53 | 80.17829   | (19120105) | 392560.06 |
| 3820797.29 | 81.68384   | (19120105) |            |           |
| 392538.08  | 3820788.04 | 81.02124   | (19120105) | 392516.10 |
| 3820778.80 | 78.24854   | (19120105) |            |           |
| 392494.11  | 3820769.55 | 78.52540   | (19120504) | 392472.13 |
| 3820760.31 | 79.23935   | (19120504) |            |           |
| 392450.15  | 3820751.07 | 77.86585   | (19120504) | 392428.16 |
| 3820741.82 | 78.66878   | (17031323) |            |           |
| 392406.18  | 3820732.58 | 80.77314   | (17031323) | 392384.20 |
| 3820723.33 | 80.77410   | (17031323) |            |           |
| 392362.22  | 3820714.09 | 78.67789   | (17031323) | 392340.23 |
| 3820704.85 | 79.50526   | (16121406) |            |           |
| 392318.25  | 3820695.60 | 80.92337   | (16121406) | 392296.27 |
| 3820686.36 | 80.24196   | (16121406) |            |           |
| 392274.28  | 3820677.11 | 77.51977   | (16121406) | 392252.30 |
| 3820667.87 | 72.97336   | (16121406) |            |           |
| 392230.32  | 3820658.62 | 70.13910   | (20020718) | 392208.33 |
| 3820649.38 | 69.00627   | (20020718) |            |           |
| 392186.35  | 3820640.14 | 69.23151   | (17091023) | 392164.37 |
| 3820630.89 | 71.18355   | (17091023) |            |           |
| 392142.38  | 3820621.65 | 71.33773   | (17091023) | 392120.40 |
| 3820612.40 | 69.69079   | (17091023) |            |           |
| 392098.42  | 3820603.16 | 66.37468   | (17091023) | 392076.43 |
| 3820593.92 | 64.79502   | (20111107) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |             | IN MICROGRAMS/M**3 |            |             |
|----------------|-------------|--------------------|------------|-------------|
| **             |             |                    |            |             |
| X-COORD (M)    | Y-COORD (M) | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC        | (YYMMDDHH)         |            |             |
| -----          |             |                    |            |             |
| 392054.45      | 3820584.67  | 70.91247           | (20111107) | 392032.47   |
| 3820575.43     | 75.66551    | (20111107)         |            |             |
| 392010.48      | 3820566.18  | 78.73101           | (20111107) | 391988.50   |
| 3820556.94     | 79.89189    | (20111107)         |            |             |
| 391966.52      | 3820547.69  | 79.07503           | (20111107) | 391944.53   |
| 3820538.45     | 76.34947    | (20111107)         |            |             |
| 391922.55      | 3820529.21  | 71.92385           | (20111107) | 391900.57   |
| 3820519.96     | 66.11250    | (20111107)         |            |             |
| 391878.58      | 3820510.72  | 69.44853           | (18011717) | 391856.60   |
| 3820501.47     | 73.27024    | (18011717)         |            |             |
| 391834.62      | 3820492.23  | 75.43776           | (18011717) | 391812.63   |
| 3820482.99     | 75.80859    | (18011717)         |            |             |
| 391790.65      | 3820473.74  | 74.36662           | (18011717) | 391768.67   |
| 3820464.50     | 71.22565    | (18011717)         |            |             |
| 391746.68      | 3820455.25  | 66.60966           | (18011717) | 391724.70   |
| 3820446.01     | 60.83845    | (18011717)         |            |             |
| 391702.72      | 3820436.76  | 56.87276           | (16031907) | 391680.73   |
| 3820427.52     | 59.53970    | (16031907)         |            |             |
| 391658.75      | 3820418.28  | 60.88112           | (16031907) | 391636.77   |
| 3820409.03     | 60.81499    | (16031907)         |            |             |
| 391614.78      | 3820399.79  | 59.35445           | (16031907) | 391592.80   |
| 3820390.54     | 56.60886    | (16031907)         |            |             |
| 391570.82      | 3820381.30  | 57.15041           | (19062704) | 391548.83   |
| 3820372.06     | 62.39085    | (19062704)         |            |             |
| 391526.85      | 3820362.81  | 66.56570           | (19062704) | 391504.87   |
| 3820353.57     | 69.41935    | (19062704)         |            |             |
| 391482.88      | 3820344.32  | 70.77826           | (19062704) | 391460.90   |
| 3820335.08     | 70.56220    | (19062704)         |            |             |
| 391438.92      | 3820325.83  | 68.79818           | (19062704) | 391416.93   |
| 3820316.59     | 65.61209    | (19062704)         |            |             |
| 391394.95      | 3820307.35  | 61.21813           | (19062704) | 391372.97   |
| 3820298.10     | 57.96364    | (20010717)         |            |             |
| 391350.98      | 3820288.86  | 61.79129           | (20010717) | 391329.00   |
| 3820279.61     | 64.45030    | (20010717)         |            |             |
| 391307.02      | 3820270.37  | 65.78475           | (20010717) | 391285.03   |
| 3820261.13     | 65.72225    | (20010717)         |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 390677.28   | 3819430.01          | 73.32730   | (17010803) | 390667.90   |
| 3819408.09  | 75.30142 (16102117) |            |            |             |
| 390658.53   | 3819386.16          | 76.97371   | (16102117) | 390649.16   |
| 3819364.23  | 76.81877 (16102117) |            |            |             |
| 390639.78   | 3819342.30          | 74.83759   | (16102117) | 390630.41   |
| 3819320.37  | 76.40706 (19112102) |            |            |             |
| 390621.03   | 3819298.45          | 77.82699   | (19112102) | 390611.66   |
| 3819276.52  | 77.34749 (19112102) |            |            |             |
| 390602.28   | 3819254.59          | 74.29481   | (19112102) | 390592.91   |
| 3819232.66  | 75.46289 (20021308) |            |            |             |
| 390583.53   | 3819210.73          | 75.32277   | (20021308) | 390574.16   |
| 3819188.81  | 73.27223 (20021308) |            |            |             |
| 390564.78   | 3819166.88          | 70.60770   | (18022807) | 390555.41   |
| 3819144.95  | 72.22594 (18022807) |            |            |             |
| 390546.03   | 3819123.02          | 72.08041   | (18022807) | 390536.66   |
| 3819101.09  | 69.52219 (18022807) |            |            |             |
| 390527.28   | 3819079.17          | 65.33367   | (18022807) | 390517.91   |
| 3819057.24  | 60.55928 (19022323) |            |            |             |
| 390508.54   | 3819035.31          | 59.63967   | (19022323) | 390499.16   |
| 3819013.38  | 59.93600 (19122817) |            |            |             |
| 390489.79   | 3818991.45          | 61.96936   | (19122817) | 390480.41   |
| 3818969.53  | 61.88644 (19122817) |            |            |             |
| 390471.04   | 3818947.60          | 60.43058   | (19122817) | 390461.66   |
| 3818925.67  | 57.49069 (19122817) |            |            |             |
| 390452.29   | 3818903.74          | 56.01190   | (18120617) | 390442.91   |
| 3818881.81  | 56.15257 (18120617) |            |            |             |
| 390433.54   | 3818859.89          | 54.72347   | (18120617) | 390424.16   |
| 3818837.96  | 51.99313 (18120617) |            |            |             |
| 390414.79   | 3818816.03          | 52.62796   | (20120617) | 390405.41   |
| 3818794.10  | 52.42287 (20120617) |            |            |             |
| 390396.04   | 3818772.18          | 50.90214   | (20120617) | 390386.66   |
| 3818750.25  | 50.35523 (19010818) |            |            |             |
| 390377.29   | 3818728.32          | 50.94252   | (19010818) | 390367.91   |
| 3818706.39  | 50.18571 (19010818) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390358.54  | 3818684.46 | 47.88529   | (19010818) | 390349.17 |
| 3818662.54 | 46.07619   | (17061502) |            |           |
| 390339.79  | 3818640.61 | 45.77800   | (17061502) | 390330.42 |
| 3818618.68 | 44.31101   | (17061502) |            |           |
| 390321.04  | 3818596.75 | 41.93246   | (19110606) | 390311.67 |
| 3818574.82 | 41.81100   | (19110606) |            |           |
| 390302.29  | 3818552.90 | 42.04524   | (19110606) | 390292.92 |
| 3818530.97 | 41.41881   | (19110606) |            |           |
| 390283.54  | 3818509.04 | 39.77915   | (19110606) | 390274.17 |
| 3818487.11 | 36.14990   | (19110606) |            |           |
| 390264.79  | 3818465.18 | 32.35204   | (20100724) | 390255.42 |
| 3818443.26 | 31.76224   | (17090904) |            |           |
| 390246.04  | 3818421.33 | 32.67371   | (17090904) | 390236.67 |
| 3818399.40 | 32.36688   | (17090904) |            |           |
| 390227.29  | 3818377.47 | 31.28796   | (17090904) | 390217.92 |
| 3818355.54 | 30.24626   | (18121622) |            |           |
| 390208.55  | 3818333.62 | 30.74944   | (18121622) | 390199.17 |
| 3818311.69 | 30.41882   | (18121622) |            |           |
| 390189.80  | 3818289.76 | 29.43562   | (18121622) | 390180.42 |
| 3818267.83 | 28.99185   | (16122217) |            |           |
| 390171.05  | 3818245.90 | 28.98083   | (16122217) | 390161.67 |
| 3818223.98 | 27.95614   | (16122217) |            |           |
| 390152.30  | 3818202.05 | 26.20244   | (16122217) | 390142.92 |
| 3818180.12 | 25.60447   | (16012724) |            |           |
| 390133.55  | 3818158.19 | 25.73458   | (16012724) | 390124.17 |
| 3818136.27 | 24.81163   | (16012724) |            |           |
| 390114.80  | 3818114.34 | 23.42181   | (16012724) | 390105.42 |
| 3818092.41 | 22.40991   | (17013018) |            |           |
| 390096.05  | 3818070.48 | 21.98149   | (17013018) | 390086.67 |
| 3818048.55 | 20.98451   | (17013018) |            |           |
| 390077.30  | 3818026.63 | 19.57966   | (17013018) | 390067.93 |
| 3818004.70 | 19.34758   | (18102822) |            |           |
| 390058.55  | 3817982.77 | 18.97319   | (18102822) | 390049.18 |
| 3817960.84 | 18.06822   | (18102822) |            |           |
| 390039.80  | 3817938.91 | 16.76292   | (20011502) | 390030.43 |
| 3817916.99 | 16.71444   | (20011502) |            |           |
| 390021.05  | 3817895.06 | 16.29357   | (20011502) | 390011.68 |
| 3817873.13 | 15.42917   | (20011502) |            |           |
| 390002.30  | 3817851.20 | 14.36822   | (17111117) | 389992.93 |
| 3817829.27 | 14.27404   | (17111117) |            |           |
| 389983.55  | 3817807.35 | 13.78438   | (17111117) | 389974.18 |
| 3817785.42 | 13.11714   | (19120417) |            |           |
| 389964.80  | 3817763.49 | 13.24115   | (19120417) | 389955.43 |
| 3817741.56 | 13.00819   | (19120417) |            |           |
| 389946.05  | 3817719.63 | 12.48130   | (19120417) | 389936.68 |
| 3817697.71 | 11.96095   | (16012605) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389927.30   | 3817675.78  | 11.91634   | (16012605) | 389917.93   |
| 3817653.85  | 11.62094    | (16012605) |            |             |
| 389908.56   | 3817631.92  | 11.08191   | (16012605) | 389899.18   |
| 3817609.99  | 10.26304    | (16012605) |            |             |
| 389889.81   | 3817588.07  | 9.74023    | (16123017) | 389880.43   |
| 3817566.14  | 9.45082     | (16123017) |            |             |
| 389871.06   | 3817544.21  | 8.96291    | (16123017) | 389861.68   |
| 3817522.28  | 8.60369     | (16032305) |            |             |
| 389852.31   | 3817500.36  | 8.44722    | (16032305) | 389842.93   |
| 3817478.43  | 8.04700     | (16032305) |            |             |
| 389833.56   | 3817456.50  | 7.60900    | (17042306) | 389824.18   |
| 3817434.57  | 7.35644     | (17042306) |            |             |
| 389814.81   | 3817412.64  | 6.99935    | (17042306) | 389805.43   |
| 3817390.72  | 6.66487     | (16012306) |            |             |
| 389796.06   | 3817368.79  | 6.74446    | (19112604) | 389786.68   |
| 3817346.86  | 6.77511     | (19112604) |            |             |
| 389777.31   | 3817324.93  | 6.74961    | (19112604) | 389767.94   |
| 3817303.00  | 6.62839     | (19112604) |            |             |
| 389758.56   | 3817281.08  | 6.40101    | (19112604) | 389749.19   |
| 3817259.15  | 6.23937     | (19112604) |            |             |
| 389739.81   | 3817237.22  | 5.95662    | (19100422) | 389730.44   |
| 3817215.29  | 5.84423     | (18010904) |            |             |
| 389721.06   | 3817193.36  | 5.84419    | (18010904) | 389711.69   |
| 3817171.44  | 5.82161     | (18010904) |            |             |
| 389702.31   | 3817149.51  | 5.74439    | (18010904) | 389692.94   |
| 3817127.58  | 5.59961     | (18010904) |            |             |
| 389683.56   | 3817105.65  | 5.44474    | (19112321) | 389674.19   |
| 3817083.72  | 5.41844     | (19112321) |            |             |
| 389664.81   | 3817061.80  | 5.33542    | (19112321) | 389655.44   |
| 3817039.87  | 5.20164     | (19112321) |            |             |
| 389646.06   | 3817017.94  | 5.02131    | (19112321) | 389636.69   |
| 3816996.01  | 4.79990     | (19112321) |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3816952.16 | 389627.32 | 3816974.08          | 4.54733  | (19112321) | 389617.94 |
|            |           | 4.38340 (20011720)  |          |            |           |
|            | 389608.57 | 3816930.23          | 4.25404  | (20091923) | 389599.19 |
| 3816908.30 |           | 4.23653 (20091923)  |          |            |           |
|            | 389589.82 | 3816886.37          | 4.18887  | (20091923) | 389580.44 |
| 3816864.44 |           | 4.08524 (20091923)  |          |            |           |
|            | 389571.07 | 3816842.52          | 4.00700  | (17031023) | 389561.69 |
| 3816820.59 |           | 3.98991 (17031023)  |          |            |           |
|            | 389552.32 | 3816798.66          | 3.94227  | (17031023) | 389542.94 |
| 3816776.73 |           | 3.86317 (17031023)  |          |            |           |
|            | 389533.57 | 3816754.81          | 3.75491  | (17031023) | 389524.19 |
| 3816732.88 |           | 3.66413 (20011301)  |          |            |           |
|            | 389514.82 | 3816710.95          | 3.62888  | (20011301) | 389505.44 |
| 3816689.02 |           | 3.55333 (20011301)  |          |            |           |
|            | 389496.07 | 3816667.09          | 3.44159  | (20011301) | 389486.70 |
| 3816645.17 |           | 3.41674 (19122218)  |          |            |           |
|            | 389477.32 | 3816623.24          | 3.36768  | (19122218) | 389467.95 |
| 3816601.31 |           | 3.29853 (19122218)  |          |            |           |
|            | 389458.57 | 3816579.38          | 3.20602  | (19122218) | 394560.54 |
| 3821638.51 |           | 73.31633 (18010220) |          |            |           |
|            | 394584.47 | 3821638.83          | 75.00108 | (16060402) | 394608.40 |
| 3821639.16 |           | 76.01591 (16060402) |          |            |           |
|            | 394632.34 | 3821639.49          | 75.16810 | (16060402) | 394656.27 |
| 3821639.82 |           | 72.51848 (16060402) |          |            |           |
|            | 394680.20 | 3821640.15          | 68.25587 | (16060402) | 394704.13 |
| 3821640.47 |           | 62.67566 (16060402) |          |            |           |
|            | 394728.06 | 3821640.80          | 61.07843 | (17113008) | 394751.99 |
| 3821641.13 |           | 58.64569 (17113008) |          |            |           |
|            | 394775.92 | 3821641.46          | 59.56661 | (19102022) | 394799.85 |
| 3821641.78 |           | 65.70717 (19102022) |          |            |           |
|            | 394823.78 | 3821642.11          | 70.70970 | (19102022) | 394847.72 |
| 3821642.44 |           | 74.23564 (19102022) |          |            |           |
|            | 394871.65 | 3821642.77          | 76.03247 | (19102022) | 394895.58 |
| 3821643.10 |           | 75.97201 (19102022) |          |            |           |
|            | 394919.51 | 3821643.42          | 74.05949 | (19102022) | 394943.44 |
| 3821643.75 |           | 74.77037 (18020224) |          |            |           |
|            | 394967.37 | 3821644.08          | 76.21620 | (18020224) | 394991.30 |
| 3821644.41 |           | 75.79634 (18020224) |          |            |           |
|            | 394520.31 | 3822962.47          | 57.01117 | (16060402) | 394498.33 |
| 3822953.23 |           | 55.97211 (16060402) |          |            |           |
|            | 394476.35 | 3822943.99          | 55.64044 | (18010220) | 394454.38 |
| 3822934.75 |           | 57.13438 (18010220) |          |            |           |
|            | 394432.40 | 3822925.51          | 57.81420 | (18010220) | 394410.43 |
| 3822916.27 |           | 57.64443 (18010220) |          |            |           |
|            | 394388.45 | 3822907.03          | 56.62701 | (18010220) | 394366.48 |
| 3822897.79 |           | 55.90283 (16050324) |          |            |           |
|            | 394344.50 | 3822888.55          | 57.44533 | (16050324) | 394322.52 |
| 3822879.31 |           | 58.15096 (16050324) |          |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 419

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 394300.55   | 3822870.06          | 57.98343   | (16050324) | 394278.57   |
| 3822860.82  | 56.94464 (16050324) |            |            |             |
| 394256.60   | 3822851.58          | 56.50388   | (17010802) | 394234.62   |
| 3822842.34  | 58.05397 (17010802) |            |            |             |
| 394212.65   | 3822833.10          | 58.73904   | (17010802) | 394190.67   |
| 3822823.86  | 58.52327 (17010802) |            |            |             |
| 394168.69   | 3822814.62          | 57.41103   | (17010802) | 394146.72   |
| 3822805.38  | 56.95342 (19120218) |            |            |             |
| 394124.74   | 3822796.14          | 58.45626   | (19120218) | 394102.77   |
| 3822786.90  | 59.06742 (19120218) |            |            |             |
| 394080.79   | 3822777.65          | 58.75400   | (19120218) | 394058.82   |
| 3822768.41  | 57.52592 (19120218) |            |            |             |
| 394036.84   | 3822759.17          | 55.43466   | (19120218) | 394014.86   |
| 3822749.93  | 52.57220 (19120218) |            |            |             |
| 393992.89   | 3822740.69          | 49.06421   | (19120218) | 393970.91   |
| 3822731.45  | 52.49078 (16102921) |            |            |             |
| 393948.94   | 3822722.21          | 55.38669   | (16102921) | 393926.96   |
| 3822712.97  | 57.51148 (16102921) |            |            |             |
| 393904.99   | 3822703.73          | 58.76026   | (16102921) | 393883.01   |
| 3822694.49  | 59.06992 (16102921) |            |            |             |
| 393861.04   | 3822685.25          | 58.42081   | (16102921) | 393839.06   |
| 3822676.00  | 56.83922 (16102921) |            |            |             |
| 393817.08   | 3822666.76          | 58.75617   | (17111118) | 393795.11   |
| 3822657.52  | 59.82269 (17111118) |            |            |             |
| 393773.13   | 3822648.28          | 59.91163   | (17111118) | 393751.16   |
| 3822639.04  | 59.01429 (17111118) |            |            |             |
| 393729.18   | 3822629.80          | 57.16966   | (17111118) | 393707.21   |
| 3822620.56  | 54.46484 (17111118) |            |            |             |
| 393685.23   | 3822611.32          | 51.02208   | (17111118) | 393663.25   |
| 3822602.08  | 46.99658 (17111118) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393641.28  | 3822592.84 | 45.92896   | (16083102) | 393619.30 |
| 3822583.59 | 44.27042   | (16083102) |            |           |
| 393597.33  | 3822574.35 | 43.82405   | (17010808) | 393575.35 |
| 3822565.11 | 44.20973   | (17010808) |            |           |
| 393553.38  | 3822555.87 | 43.84657   | (17010808) | 393531.40 |
| 3822546.63 | 43.14392   | (17021123) |            |           |
| 393509.42  | 3822537.39 | 44.78759   | (17021123) | 393487.45 |
| 3822528.15 | 45.70429   | (17021123) |            |           |
| 393465.47  | 3822518.91 | 45.84565   | (17021123) | 393443.50 |
| 3822509.67 | 46.45260   | (17112921) |            |           |
| 393421.52  | 3822500.43 | 48.77556   | (17112921) | 393399.55 |
| 3822491.18 | 50.33678   | (17112921) |            |           |
| 393377.57  | 3822481.94 | 51.05546   | (17112921) | 393355.59 |
| 3822472.70 | 50.89142   | (17112921) |            |           |
| 393333.62  | 3822463.46 | 50.27732   | (18012218) | 393311.64 |
| 3822454.22 | 52.46040   | (18012218) |            |           |
| 393289.67  | 3822444.98 | 53.78912   | (18012218) | 393267.69 |
| 3822435.74 | 54.19358   | (18012218) |            |           |
| 393245.72  | 3822426.50 | 55.15576   | (19110502) | 393223.74 |
| 3822417.26 | 58.17296   | (19110502) |            |           |
| 393201.76  | 3822408.02 | 60.28354   | (19110502) | 393179.79 |
| 3822398.77 | 61.37693   | (19110502) |            |           |
| 393157.81  | 3822389.53 | 61.39370   | (19110502) | 393135.84 |
| 3822380.29 | 60.33076   | (19110502) |            |           |
| 393113.86  | 3822371.05 | 59.28419   | (16032003) | 393091.89 |
| 3822361.81 | 60.98331   | (16032003) |            |           |
| 393069.91  | 3822352.57 | 61.62415   | (16032003) | 393047.93 |
| 3822343.33 | 61.16971   | (16032003) |            |           |
| 393025.96  | 3822334.09 | 59.64274   | (16032003) | 393003.98 |
| 3822324.85 | 60.37580   | (19122402) |            |           |
| 392982.01  | 3822315.61 | 61.62325   | (19122402) | 392960.03 |
| 3822306.36 | 61.77841   | (19122402) |            |           |
| 392938.06  | 3822297.12 | 60.83082   | (19122402) | 392916.08 |
| 3822287.88 | 58.82843   | (19122402) |            |           |
| 392894.11  | 3822278.64 | 55.87613   | (19122402) | 392872.13 |
| 3822269.40 | 52.12053   | (19122402) |            |           |
| 392850.15  | 3822260.16 | 49.54716   | (17011408) | 392828.18 |
| 3822250.92 | 48.38046   | (17011408) |            |           |
| 392806.20  | 3822241.68 | 47.18158   | (16022306) | 392784.23 |
| 3822232.44 | 48.27769   | (20122117) |            |           |
| 392762.25  | 3822223.20 | 52.60726   | (20122117) | 392740.28 |
| 3822213.95 | 56.29480   | (20122117) |            |           |
| 392718.30  | 3822204.71 | 59.15910   | (20122117) | 392696.32 |
| 3822195.47 | 61.05106   | (20122117) |            |           |
| 392674.35  | 3822186.23 | 61.86966   | (20122117) | 392652.37 |
| 3822176.99 | 61.57065   | (20122117) |            |           |
| 392630.40  | 3822167.75 | 60.16980   | (20122117) | 392608.42 |
| 3822158.51 | 57.74023   | (20122117) |            |           |
| 392586.45  | 3822149.27 | 54.43132   | (20091423) | 392564.47 |
| 3822140.03 | 54.68073   | (20091423) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 420

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 3822121.55  | 392542.49   | 53.94040   | (20091423) | 392520.52   |
| 3822103.06  | 3822112.30  | 56.84420   | (18100905) | 392476.57   |
| 3822084.58  | 3822093.82  | 57.39803   | (18100905) | 392432.62   |
| 3822066.10  | 3822075.34  | 53.88783   | (18100905) | 392388.66   |
| 3822047.62  | 3822056.86  | 52.48150   | (20022707) | 392344.71   |
| 3822029.14  | 3822038.38  | 59.17415   | (20022707) | 392300.76   |
| 3822010.65  | 3822019.89  | 62.03970   | (20022707) | 392256.81   |
| 3821992.17  | 3822001.41  | 60.48648   | (20022707) | 392212.86   |
| 3821973.69  | 3821982.93  | 54.84749   | (20022707) | 392168.91   |
| 3821955.21  | 3821964.45  | 55.98131   | (20011802) | 392124.96   |
| 3821936.73  | 3821945.97  | 60.96212   | (20011802) | 392081.00   |
| 3821918.24  | 3821927.48  | 61.76062   | (20011802) | 392037.05   |
| 3821899.76  | 3821909.00  | 59.84516   | (19120105) | 391993.10   |
| 3821881.28  | 3821890.52  | 61.82359   | (19120105) | 391949.15   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391927.18  | 3821872.04 | 59.45012   | (19120105) | 391905.20 |
| 3821862.80 | 58.81497   | (19120504) |            |           |
| 391883.22  | 3821853.56 | 59.83686   | (19120504) | 391861.25 |
| 3821844.32 | 59.80103   | (19120504) |            |           |
| 391839.27  | 3821835.07 | 58.71136   | (19120504) | 391817.30 |
| 3821825.83 | 59.12161   | (17031323) |            |           |
| 391795.32  | 3821816.59 | 60.75969   | (17031323) | 391773.35 |
| 3821807.35 | 61.34641   | (17031323) |            |           |
| 391751.37  | 3821798.11 | 60.85400   | (17031323) | 391729.39 |
| 3821788.87 | 59.31065   | (17031323) |            |           |
| 391707.42  | 3821779.63 | 59.82979   | (16121406) | 391685.44 |
| 3821770.39 | 61.03943   | (16121406) |            |           |
| 391663.47  | 3821761.15 | 61.19040   | (16121406) | 391641.49 |
| 3821751.91 | 60.27792   | (16121406) |            |           |
| 391619.52  | 3821742.66 | 58.35254   | (16121406) | 391597.54 |
| 3821733.42 | 55.51413   | (16121406) |            |           |
| 391575.56  | 3821724.18 | 52.96834   | (20020718) | 391553.59 |
| 3821714.94 | 52.74962   | (20020718) |            |           |
| 391531.61  | 3821705.70 | 51.63090   | (20020718) | 391509.64 |
| 3821696.46 | 52.38121   | (17091023) |            |           |
| 391487.66  | 3821687.22 | 53.66426   | (17091023) | 391465.69 |
| 3821677.98 | 54.04112   | (17091023) |            |           |
| 391443.71  | 3821668.74 | 53.49601   | (17091023) | 391421.73 |
| 3821659.50 | 52.05962   | (17091023) |            |           |
| 391399.76  | 3821650.25 | 49.80740   | (17091023) | 391377.78 |
| 3821641.01 | 47.73678   | (20111107) |            |           |
| 391355.81  | 3821631.77 | 51.75568   | (20111107) | 391333.83 |
| 3821622.53 | 55.16800   | (20111107) |            |           |
| 391311.86  | 3821613.29 | 57.81670   | (20111107) | 391289.88 |
| 3821604.05 | 59.58010   | (20111107) |            |           |
| 391267.90  | 3821594.81 | 60.37458   | (20111107) | 391245.93 |
| 3821585.57 | 60.16518   | (20111107) |            |           |
| 391223.95  | 3821576.33 | 58.96628   | (20111107) | 391201.98 |
| 3821567.09 | 56.84173   | (20111107) |            |           |
| 391180.00  | 3821557.85 | 53.89576   | (20111107) | 391158.03 |
| 3821548.60 | 50.26960   | (20111107) |            |           |
| 391136.05  | 3821539.36 | 50.97181   | (18011717) | 391114.07 |
| 3821530.12 | 53.80920   | (18011717) |            |           |
| 391092.10  | 3821520.88 | 55.87874   | (18011717) | 391070.12 |
| 3821511.64 | 57.08815   | (18011717) |            |           |
| 391048.15  | 3821502.40 | 57.38305   | (18011717) | 391026.17 |
| 3821493.16 | 56.75382   | (18011717) |            |           |
| 391004.20  | 3821483.92 | 55.23557   | (18011717) | 390982.22 |
| 3821474.68 | 52.90299   | (18011717) |            |           |
| 390960.24  | 3821465.44 | 49.86739   | (18011717) | 390938.27 |
| 3821456.19 | 46.26643   | (18011717) |            |           |
| 390916.29  | 3821446.95 | 42.59990   | (18121508) | 390894.32 |
| 3821437.71 | 43.78113   | (16031907) |            |           |
| 390872.34  | 3821428.47 | 45.18764   | (16031907) | 390850.37 |
| 3821419.23 | 45.91003   | (16031907) |            |           |



390828.39 3821409.99 45.91902 (16031907) 390806.42  
 3821400.75 45.21816 (16031907)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 421

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390784.44   | 3821391.51  | 43.84303   | (16031907) | 390762.46   |
| 3821382.27  | 41.85951    | (16031907) |            |             |
| 390740.49   | 3821373.03  | 42.90497   | (19062704) | 390718.51   |
| 3821363.78  | 46.23474    | (19062704) |            |             |
| 390696.54   | 3821354.54  | 49.05881   | (19062704) | 390674.56   |
| 3821345.30  | 51.26509    | (19062704) |            |             |
| 390652.59   | 3821336.06  | 52.76079   | (19062704) | 390630.61   |
| 3821326.82  | 53.48520    | (19062704) |            |             |
| 390608.63   | 3821317.58  | 53.41020   | (19062704) | 390586.66   |
| 3821308.34  | 52.54442    | (19062704) |            |             |
| 390564.68   | 3821299.10  | 50.93018   | (19062704) | 390542.71   |
| 3821289.86  | 48.64285    | (19062704) |            |             |
| 390520.73   | 3821280.62  | 45.78079   | (19062704) | 390498.76   |
| 3821271.37  | 42.89236    | (20010717) |            |             |
| 390476.78   | 3821262.13  | 45.47675   | (20010717) | 390454.80   |
| 3821252.89  | 47.51453    | (20010717) |            |             |
| 390432.83   | 3821243.65  | 48.92501   | (20010717) | 390410.85   |
| 3821234.41  | 49.65383    | (20010717) |            |             |
| 390388.88   | 3821225.17  | 49.67415   | (20010717) | 390366.90   |
| 3821215.93  | 48.98972    | (20010717) |            |             |
| 390344.93   | 3821206.69  | 47.63459   | (20010717) | 390322.95   |
| 3821197.45  | 45.75236    | (18122218) |            |             |
| 390300.97   | 3821188.21  | 46.52005   | (18122218) | 390279.00   |
| 3821178.96  | 46.64106    | (18122218) |            |             |
| 390257.02   | 3821169.72  | 46.11459   | (18122218) | 390235.05   |
| 3821160.48  | 44.96743    | (18122218) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390213.07  | 3821151.24 | 43.24954   | (18122218) | 390191.10 |
| 3821142.00 | 43.36345   | (16112518) |            |           |
| 390169.12  | 3821132.76 | 46.52598   | (17010720) | 390147.14 |
| 3821123.52 | 49.58016   | (17010720) |            |           |
| 390125.17  | 3821114.28 | 52.11677   | (17010720) | 390103.19 |
| 3821105.04 | 54.04574   | (17010720) |            |           |
| 390081.22  | 3821095.80 | 55.29612   | (17010720) | 390059.24 |
| 3821086.55 | 55.82482   | (17010720) |            |           |
| 390027.89  | 3821055.39 | 54.84150   | (17010720) | 390018.52 |
| 3821033.47 | 53.33809   | (17010720) |            |           |
| 390009.15  | 3821011.55 | 51.16098   | (17010720) | 389999.78 |
| 3820989.63 | 48.39188   | (17010720) |            |           |
| 389990.41  | 3820967.71 | 46.04775   | (18091303) | 389981.04 |
| 3820945.79 | 45.53849   | (18091303) |            |           |
| 389971.67  | 3820923.87 | 44.40440   | (18091303) | 389962.29 |
| 3820901.95 | 43.07388   | (18111302) |            |           |
| 389952.92  | 3820880.03 | 43.92332   | (18111302) | 389943.55 |
| 3820858.11 | 44.15666   | (18111302) |            |           |
| 389934.18  | 3820836.19 | 44.08965   | (18070504) | 389924.81 |
| 3820814.27 | 46.36280   | (18070504) |            |           |
| 389915.44  | 3820792.35 | 48.05766   | (18070504) | 389906.07 |
| 3820770.43 | 49.09965   | (18070504) |            |           |
| 389896.69  | 3820748.51 | 49.44004   | (18070504) | 389887.32 |
| 3820726.59 | 49.05985   | (18070504) |            |           |
| 389877.95  | 3820704.67 | 47.97157   | (18070504) | 389868.58 |
| 3820682.75 | 49.50423   | (19111222) |            |           |
| 389859.21  | 3820660.83 | 50.63474   | (19111222) | 389849.84 |
| 3820638.91 | 51.02804   | (19111222) |            |           |
| 389840.47  | 3820616.99 | 50.66251   | (19111222) | 389831.09 |
| 3820595.07 | 49.54972   | (19111222) |            |           |
| 389821.72  | 3820573.15 | 47.73560   | (19111222) | 389812.35 |
| 3820551.23 | 45.29503   | (19111222) |            |           |
| 389802.98  | 3820529.30 | 42.50855   | (19112123) | 389793.61 |
| 3820507.38 | 45.51281   | (19112123) |            |           |
| 389784.24  | 3820485.46 | 47.99471   | (19112123) | 389774.87 |
| 3820463.54 | 49.84505   | (19112123) |            |           |
| 389765.49  | 3820441.62 | 50.97851   | (19112123) | 389756.12 |
| 3820419.70 | 51.33948   | (19112123) |            |           |
| 389746.75  | 3820397.78 | 52.02172   | (16022104) | 389737.38 |
| 3820375.86 | 54.82301   | (16022104) |            |           |
| 389728.01  | 3820353.94 | 56.88371   | (16022104) | 389718.64 |
| 3820332.02 | 58.10690   | (16022104) |            |           |
| 389709.27  | 3820310.10 | 58.43195   | (16022104) | 389699.89 |
| 3820288.18 | 57.83898   | (16022104) |            |           |
| 389690.52  | 3820266.26 | 56.35209   | (16022104) | 389681.15 |
| 3820244.34 | 55.82876   | (17010803) |            |           |
| 389671.78  | 3820222.42 | 56.91873   | (17010803) | 389662.41 |
| 3820200.50 | 57.11122   | (17010803) |            |           |
| 389653.04  | 3820178.58 | 56.39312   | (17010803) | 389643.67 |
| 3820156.66 | 55.76217   | (16102117) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |           |
|-------------|-------------|------------|------------|-------------|-----------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |           |
| 3820025.14  | 389596.81   | 3820047.06 | 56.70291   | (19112102)  | 389587.44 |
| 3819981.30  | 58.41399    | (19112102) |            |             |           |
| 3819937.45  | 389578.07   | 3820003.22 | 59.19920   | (19112102)  | 389568.69 |
| 3819893.61  | 59.01651    | (19112102) |            |             |           |
| 3819849.77  | 389559.32   | 3819959.38 | 57.87157   | (19112102)  | 389549.95 |
| 3819805.93  | 57.45693    | (20021308) |            |             |           |
| 3819762.09  | 389540.58   | 3819915.53 | 58.96902   | (20021308)  | 389531.21 |
| 3819718.25  | 59.52470    | (20021308) |            |             |           |
| 3819674.41  | 389521.84   | 3819871.69 | 59.09321   | (20021308)  | 389512.47 |
| 3819630.57  | 57.69263    | (20021308) |            |             |           |
| 3819586.73  | 389503.09   | 3819827.85 | 58.23542   | (18022807)  | 389493.72 |
| 3819542.89  | 59.50851    | (18022807) |            |             |           |
|             | 389484.35   | 3819784.01 | 59.79612   | (18022807)  | 389474.98 |
|             | 59.08081    | (18022807) |            |             |           |
|             | 389465.61   | 3819740.17 | 57.39534   | (18022807)  | 389456.24 |
|             | 54.82025    | (18022807) |            |             |           |
|             | 389446.87   | 3819696.33 | 51.96049   | (19022323)  | 389437.49 |
|             | 51.94609    | (19022323) |            |             |           |
|             | 389428.12   | 3819652.49 | 55.09457   | (19122817)  | 389418.75 |
|             | 57.65841    | (19122817) |            |             |           |
|             | 389409.38   | 3819608.65 | 59.31992   | (19122817)  | 389400.01 |
|             | 59.99357    | (19122817) |            |             |           |
|             | 389390.64   | 3819564.81 | 59.64269   | (19122817)  | 389381.27 |
|             | 58.28274    | (19122817) |            |             |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389371.89  | 3819520.97          | 56.37331 | (18120617) | 389362.52 |
| 3819499.05 | 57.66709 (18120617) |          |            |           |
| 389353.15  | 3819477.13          | 57.98069 | (18120617) | 389343.78 |
| 3819455.21 | 57.29597 (18120617) |          |            |           |
| 389334.41  | 3819433.29          | 55.64609 | (18120617) | 389325.04 |
| 3819411.37 | 57.46211 (20120617) |          |            |           |
| 389315.67  | 3819389.45          | 58.42204 | (20120617) | 389306.29 |
| 3819367.53 | 58.37346 (20120617) |          |            |           |
| 389296.92  | 3819345.61          | 57.31742 | (20120617) | 389287.55 |
| 3819323.68 | 58.06664 (19010818) |          |            |           |
| 389278.18  | 3819301.76          | 59.68985 | (19010818) | 389268.81 |
| 3819279.84 | 60.29544 (19010818) |          |            |           |
| 389259.44  | 3819257.92          | 59.85057 | (19010818) | 389250.06 |
| 3819236.00 | 58.37650 (19010818) |          |            |           |
| 389240.69  | 3819214.08          | 58.76202 | (17061502) | 389231.32 |
| 3819192.16 | 60.00432 (17061502) |          |            |           |
| 389221.95  | 3819170.24          | 60.20617 | (17061502) | 389212.58 |
| 3819148.32 | 59.35598 (17061502) |          |            |           |
| 389203.21  | 3819126.40          | 57.72215 | (19110606) | 389193.84 |
| 3819104.48 | 59.57924 (19110606) |          |            |           |
| 389184.46  | 3819082.56          | 60.42239 | (19110606) | 389175.09 |
| 3819060.64 | 60.20684 (19110606) |          |            |           |
| 389165.72  | 3819038.72          | 58.94332 | (19110606) | 389156.35 |
| 3819016.80 | 56.69688 (19110606) |          |            |           |
| 389146.98  | 3818994.88          | 53.58146 | (19110606) | 389137.61 |
| 3818972.96 | 49.75028 (19110606) |          |            |           |
| 389128.24  | 3818951.04          | 45.38342 | (19110606) | 389118.86 |
| 3818929.12 | 46.27560 (17090904) |          |            |           |
| 389109.49  | 3818907.20          | 47.93798 | (17090904) | 389100.12 |
| 3818885.28 | 48.79011 (17090904) |          |            |           |
| 389090.75  | 3818863.36          | 48.78750 | (17090904) | 389081.38 |
| 3818841.44 | 47.93034 (17090904) |          |            |           |
| 389072.01  | 3818819.52          | 49.74897 | (18121622) | 389062.64 |
| 3818797.60 | 51.17204 (18121622) |          |            |           |
| 389053.26  | 3818775.68          | 51.71371 | (18121622) | 389043.89 |
| 3818753.76 | 53.48539 (16122217) |          |            |           |
| 389034.52  | 3818731.83          | 56.59396 | (16122217) | 389025.15 |
| 3818709.91 | 58.83271 (16122217) |          |            |           |
| 389015.78  | 3818687.99          | 60.08950 | (16122217) | 389006.41 |
| 3818666.07 | 60.29971 (16122217) |          |            |           |
| 388997.04  | 3818644.15          | 59.45311 | (16122217) | 388987.66 |
| 3818622.23 | 57.59424 (16122217) |          |            |           |
| 388978.29  | 3818600.31          | 57.20336 | (18121517) | 388968.92 |
| 3818578.39 | 58.02058 (18121517) |          |            |           |
| 388959.55  | 3818556.47          | 57.82322 | (18121517) | 388950.18 |
| 3818534.55 | 56.62270 (18121517) |          |            |           |
| 388940.81  | 3818512.63          | 58.18699 | (17013018) | 388931.44 |
| 3818490.71 | 59.65773 (17013018) |          |            |           |
| 388922.06  | 3818468.79          | 60.10195 | (17013018) | 388912.69 |
| 3818446.87 | 59.49815 (17013018) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388903.32  | 3818424.95 | 57.87922   | (17013018) | 388893.95 |
| 3818403.03 | 58.72218   | (18102822) |            |           |
| 388884.58  | 3818381.11 | 59.81006   | (18102822) | 388875.21 |
| 3818359.19 | 59.86455   | (18102822) |            |           |
| 388865.84  | 3818337.27 | 58.88471   | (18102822) | 388856.46 |
| 3818315.35 | 56.92239   | (18102822) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 423

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 388847.09   | 3818293.43  | 54.07924   | (18102822) | 388837.72   |
| 3818271.51  | 50.49594    | (18102822) |            |             |
| 388828.35   | 3818249.59  | 46.32508   | (18102822) | 388818.98   |
| 3818227.67  | 47.54737    | (17111117) |            |             |
| 388809.61   | 3818205.75  | 48.75312   | (17111117) | 388800.24   |
| 3818183.83  | 48.82489    | (17111117) |            |             |
| 388790.86   | 3818161.91  | 48.21565   | (17111117) | 388781.49   |
| 3818139.98  | 46.64625    | (17111117) |            |             |
| 388772.12   | 3818118.06  | 45.71624   | (19120417) | 388762.75   |
| 3818096.14  | 45.79709    | (19120417) |            |             |
| 388753.38   | 3818074.22  | 45.90180   | (19120417) | 388744.01   |
| 3818052.30  | 45.31927    | (19120417) |            |             |
| 388734.64   | 3818030.38  | 44.23819   | (16012605) | 388725.26   |
| 3818008.46  | 44.94820    | (16012605) |            |             |
| 388715.89   | 3817986.54  | 43.77108   | (16012605) | 388706.52   |
| 3817964.62  | 41.28794    | (16012605) |            |             |
| 388697.15   | 3817942.70  | 37.47141   | (16012605) | 388687.78   |
| 3817920.78  | 32.88797    | (16012605) |            |             |
| 388678.41   | 3817898.86  | 27.87640   | (16012605) | 388669.04   |
| 3817876.94  | 24.01377    | (16123017) |            |             |
| 388659.66   | 3817855.02  | 22.00555   | (16123017) | 388650.29   |
| 3817833.10  | 20.10950    | (16123017) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388640.92  | 3817811.18          | 18.04401 | (16123017) | 388631.55 |
| 3817789.26 | 16.81553 (16111417) |          |            |           |
| 388622.18  | 3817767.34          | 16.34926 | (16111417) | 388612.81 |
| 3817745.42 | 15.38235 (16111417) |          |            |           |
| 388603.44  | 3817723.50          | 14.00936 | (16111417) | 388594.06 |
| 3817701.58 | 12.56968 (16111417) |          |            |           |
| 388584.69  | 3817679.66          | 11.05794 | (19082401) | 388575.32 |
| 3817657.74 | 10.50436 (19082401) |          |            |           |
| 388565.95  | 3817635.82          | 10.07912 | (19082401) | 388556.58 |
| 3817613.90 | 9.65291 (17011704)  |          |            |           |
| 388547.21  | 3817591.98          | 9.38147  | (17011704) | 388537.84 |
| 3817570.06 | 8.93564 (17011704)  |          |            |           |
| 388528.46  | 3817548.13          | 8.47020  | (17011704) | 388519.09 |
| 3817526.21 | 7.91904 (17011704)  |          |            |           |
| 388509.72  | 3817504.29          | 7.33172  | (17011704) | 388500.35 |
| 3817482.37 | 6.78614 (17011704)  |          |            |           |
| 388490.98  | 3817460.45          | 6.60719  | (18030604) | 388481.61 |
| 3817438.53 | 6.56742 (18030604)  |          |            |           |
| 388472.24  | 3817416.61          | 6.50096  | (18030604) | 388462.86 |
| 3817394.69 | 6.35154 (18030604)  |          |            |           |
| 388453.49  | 3817372.77          | 6.07007  | (18030604) | 388444.12 |
| 3817350.85 | 6.10971 (17030222)  |          |            |           |
| 388434.75  | 3817328.93          | 6.13958  | (17030222) | 388425.38 |
| 3817307.01 | 5.96999 (17030222)  |          |            |           |
| 388416.01  | 3817285.09          | 5.76011  | (17030222) | 388406.63 |
| 3817263.17 | 5.58095 (20031803)  |          |            |           |
| 388397.26  | 3817241.25          | 5.64538  | (20031803) | 388387.89 |
| 3817219.33 | 5.42238 (19112321)  |          |            |           |
| 388378.52  | 3817197.41          | 5.17679  | (19112321) | 388369.15 |
| 3817175.49 | 4.84089 (19112321)  |          |            |           |
| 388359.78  | 3817153.57          | 4.60984  | (19112321) | 388350.41 |
| 3817131.65 | 4.45486 (19112321)  |          |            |           |
| 388341.03  | 3817109.73          | 4.31788  | (19112321) | 388331.66 |
| 3817087.81 | 4.20964 (20011720)  |          |            |           |
| 388322.29  | 3817065.89          | 4.18234  | (20091923) | 388312.92 |
| 3817043.97 | 4.31477 (20091923)  |          |            |           |
| 388303.55  | 3817022.05          | 4.53400  | (20091923) | 388294.18 |
| 3817000.13 | 4.60354 (20091923)  |          |            |           |
| 388284.81  | 3816978.21          | 4.60808  | (20091923) | 388275.43 |
| 3816956.29 | 4.73056 (17031023)  |          |            |           |
| 388266.06  | 3816934.36          | 5.47103  | (18111703) | 388256.69 |
| 3816912.44 | 6.53391 (18111703)  |          |            |           |
| 388247.32  | 3816890.52          | 6.81396  | (18111703) | 388237.95 |
| 3816868.60 | 6.11509 (18111703)  |          |            |           |
| 388228.58  | 3816846.68          | 5.81537  | (18111703) | 388219.21 |
| 3816824.76 | 5.98659 (18111703)  |          |            |           |
| 388209.83  | 3816802.84          | 6.65526  | (18111701) | 388200.46 |
| 3816780.92 | 6.57724 (18111701)  |          |            |           |
| 388191.09  | 3816759.00          | 7.32548  | (18111701) | 388181.72 |
| 3816737.08 | 8.29321 (18111701)  |          |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388172.35  | 3816715.16          | 8.94856  | (19120217) | 388162.98 |
| 3816693.24 | 8.32043 (19120217)  |          |            |           |
| 388153.61  | 3816671.32          | 7.49746  | (19120217) | 388144.23 |
| 3816649.40 | 6.68685 (16120319)  |          |            |           |
| 388134.86  | 3816627.48          | 6.09593  | (16120319) | 388125.49 |
| 3816605.56 | 5.58755 (16120319)  |          |            |           |
| 394542.28  | 3822971.72          | 57.23134 | (16060402) | 394566.21 |
| 3822972.04 | 56.66287 (16060402) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 424

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| -----       |                     |            |            |             |
| 394590.14   | 3822972.37          | 55.18535   | (16060402) | 394614.07   |
| 3822972.70  | 52.86951 (16060402) |            |            |             |
| 394638.01   | 3822973.03          | 49.82246   | (16060402) | 394661.94   |
| 3822973.35  | 46.52500 (17113008) |            |            |             |
| 394685.87   | 3822973.68          | 45.89680   | (17113008) | 394709.80   |
| 3822974.01  | 44.53771 (17113008) |            |            |             |
| 394733.73   | 3822974.34          | 42.51282   | (17113008) | 394757.66   |
| 3822974.67  | 45.80501 (19102022) |            |            |             |
| 394781.59   | 3822974.99          | 49.51757   | (19102022) | 394805.52   |
| 3822975.32  | 52.65587 (19102022) |            |            |             |
| 394829.45   | 3822975.65          | 55.07797   | (19102022) | 394853.39   |
| 3822975.98  | 56.67068 (19102022) |            |            |             |
| 394877.32   | 3822976.30          | 57.35623   | (19102022) | 394901.25   |
| 3822976.63  | 57.10201 (19102022) |            |            |             |
| 394925.18   | 3822976.96          | 55.92083   | (19102022) | 394949.11   |
| 3822977.29  | 55.52913 (18020224) |            |            |             |
| 394973.04   | 3822977.62          | 56.92589   | (18020224) | 394501.96   |
| 3824295.65  | 15.53184 (19122906) |            |            |             |
| 394479.90   | 3824286.37          | 15.89126   | (19122906) | 394457.84   |
| 3824277.09  | 16.50901 (19122906) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394435.78  | 3824267.82 | 16.79403   | (19122906) | 394413.72 |
| 3824258.54 | 16.90962   | (19122906) |            |           |
| 394391.66  | 3824249.27 | 17.57092   | (18010220) | 394369.60 |
| 3824239.99 | 18.48231   | (18010220) |            |           |
| 394347.54  | 3824230.71 | 19.24944   | (18010220) | 394325.48 |
| 3824221.44 | 19.83526   | (18010220) |            |           |
| 394303.42  | 3824212.16 | 20.07157   | (18010220) | 394281.36 |
| 3824202.88 | 19.85627   | (18010220) |            |           |
| 394259.30  | 3824193.61 | 19.88107   | (16050324) | 394237.24 |
| 3824184.33 | 20.69112   | (16050324) |            |           |
| 394215.18  | 3824175.05 | 21.35305   | (16050324) | 394193.12 |
| 3824165.78 | 21.76295   | (16050324) |            |           |
| 394171.06  | 3824156.50 | 21.98522   | (16050324) | 394149.00 |
| 3824147.22 | 22.01090   | (16050324) |            |           |
| 394126.94  | 3824137.95 | 23.13122   | (17010802) | 394104.88 |
| 3824128.67 | 24.05707   | (17010802) |            |           |
| 394082.82  | 3824119.40 | 24.81246   | (17010802) | 394060.76 |
| 3824110.12 | 25.37499   | (17010802) |            |           |
| 394038.70  | 3824100.84 | 25.69582   | (17010802) | 394016.64 |
| 3824091.57 | 25.75208   | (17010802) |            |           |
| 393994.58  | 3824082.29 | 26.28910   | (19120218) | 393972.52 |
| 3824073.01 | 27.57493   | (19120218) |            |           |
| 393950.46  | 3824063.74 | 28.53427   | (19120218) | 393928.40 |
| 3824054.46 | 29.23952   | (19120218) |            |           |
| 393906.34  | 3824045.18 | 29.64926   | (19120218) | 393884.28 |
| 3824035.91 | 29.60566   | (19120218) |            |           |
| 393862.22  | 3824026.63 | 29.21668   | (19120218) | 393840.16 |
| 3824017.35 | 28.49831   | (19120218) |            |           |
| 393818.10  | 3824008.08 | 28.85048   | (18120306) | 393796.04 |
| 3823998.80 | 28.95083   | (18120306) |            |           |
| 393773.98  | 3823989.53 | 29.61032   | (16102921) | 393751.92 |
| 3823980.25 | 30.40179   | (16102921) |            |           |
| 393729.86  | 3823970.97 | 31.60066   | (16102921) | 393707.80 |
| 3823961.70 | 32.97784   | (16102921) |            |           |
| 393685.74  | 3823952.42 | 33.65394   | (16102921) | 393663.68 |
| 3823943.14 | 34.53082   | (16102921) |            |           |
| 393641.62  | 3823933.87 | 34.97592   | (16102921) | 393619.56 |
| 3823924.59 | 35.49325   | (17111118) |            |           |
| 393597.50  | 3823915.31 | 37.14787   | (17111118) | 393575.44 |
| 3823906.04 | 38.88524   | (17111118) |            |           |
| 393553.38  | 3823896.76 | 40.61122   | (17111118) | 393531.32 |
| 3823887.48 | 41.98311   | (17111118) |            |           |
| 393509.26  | 3823878.21 | 41.80794   | (17111118) | 393487.20 |
| 3823868.93 | 41.98051   | (17111118) |            |           |
| 393465.14  | 3823859.65 | 42.37908   | (17111118) | 393443.08 |
| 3823850.38 | 40.11082   | (17111118) |            |           |
| 393421.02  | 3823841.10 | 37.33728   | (17111118) | 393398.96 |
| 3823831.83 | 36.72639   | (16083102) |            |           |
| 393376.90  | 3823822.55 | 35.73616   | (16083102) | 393354.84 |
| 3823813.27 | 34.35204   | (17010808) |            |           |





|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392715.10  | 3823544.26          | 49.00868 | (16032003) | 392693.04 |
| 3823534.98 | 48.99060 (16032003) |          |            |           |
| 392670.98  | 3823525.70          | 48.33983 | (16032003) | 392648.92 |
| 3823516.43 | 47.08053 (16032003) |          |            |           |
| 392626.86  | 3823507.15          | 48.07552 | (19122402) | 392604.80 |
| 3823497.87 | 48.97328 (19122402) |          |            |           |
| 392582.74  | 3823488.60          | 49.24072 | (19122402) | 392560.68 |
| 3823479.32 | 48.86673 (19122402) |          |            |           |
| 392538.62  | 3823470.04          | 47.86482 | (19122402) | 392516.56 |
| 3823460.77 | 46.27295 (19122402) |          |            |           |
| 392494.50  | 3823451.49          | 44.15042 | (19122402) | 392472.44 |
| 3823442.22 | 41.57528 (19122402) |          |            |           |
| 392450.38  | 3823432.94          | 39.49448 | (17011408) | 392428.32 |
| 3823423.66 | 38.90017 (17011408) |          |            |           |
| 392406.26  | 3823414.39          | 37.81396 | (17011408) | 392384.20 |
| 3823405.11 | 37.70354 (16022306) |          |            |           |
| 392362.14  | 3823395.83          | 38.34052 | (20122117) | 392340.08 |
| 3823386.56 | 41.32033 (20122117) |          |            |           |
| 392318.02  | 3823377.28          | 43.94903 | (20122117) | 392295.96 |
| 3823368.00 | 46.13235 (20122117) |          |            |           |
| 392273.90  | 3823358.73          | 47.78892 | (20122117) | 392251.84 |
| 3823349.45 | 48.85586 (20122117) |          |            |           |
| 392229.78  | 3823340.17          | 49.29100 | (20122117) | 392207.72 |
| 3823330.90 | 49.07688 (20122117) |          |            |           |
| 392185.66  | 3823321.62          | 48.22168 | (20122117) | 392163.60 |
| 3823312.35 | 46.75860 (20122117) |          |            |           |
| 392141.54  | 3823303.07          | 44.74337 | (20122117) | 392119.48 |
| 3823293.79 | 43.43456 (20091423) |          |            |           |
| 392097.42  | 3823284.52          | 43.47624 | (20091423) | 392075.36 |
| 3823275.24 | 42.94555 (20091423) |          |            |           |
| 392053.30  | 3823265.96          | 43.29241 | (18100905) | 392031.24 |
| 3823256.69 | 44.73297 (18100905) |          |            |           |
| 392009.18  | 3823247.41          | 45.61352 | (18100905) | 391987.12 |
| 3823238.13 | 45.89931 (18100905) |          |            |           |
| 391965.06  | 3823228.86          | 45.57914 | (18100905) | 391943.00 |
| 3823219.58 | 44.66570 (18100905) |          |            |           |
| 391920.94  | 3823210.30          | 43.19464 | (18100905) | 391898.88 |
| 3823201.03 | 41.22273 (18100905) |          |            |           |
| 391876.82  | 3823191.75          | 39.64620 | (20022707) | 391854.76 |
| 3823182.48 | 42.51181 (20022707) |          |            |           |
| 391832.70  | 3823173.20          | 44.98509 | (20022707) | 391810.64 |
| 3823163.92 | 46.97600 (20022707) |          |            |           |
| 391788.58  | 3823154.65          | 48.40981 | (20022707) | 391766.52 |
| 3823145.37 | 49.23230 (20022707) |          |            |           |
| 391744.46  | 3823136.09          | 49.41135 | (20022707) | 391722.40 |
| 3823126.82 | 48.94040 (20022707) |          |            |           |
| 391700.34  | 3823117.54          | 47.83834 | (20022707) | 391678.28 |
| 3823108.26 | 46.14831 (20022707) |          |            |           |
| 391656.22  | 3823098.99          | 43.93536 | (20022707) | 391634.16 |
| 3823089.71 | 41.28085 (20022707) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391612.10  | 3823080.43 | 42.92257   | (20011802) | 391590.04 |
| 3823071.16 | 45.30326   | (20011802) |            |           |
| 391567.98  | 3823061.88 | 47.19083   | (20011802) | 391545.92 |
| 3823052.61 | 48.51426   | (20011802) |            |           |
| 391523.86  | 3823043.33 | 49.22411   | (20011802) | 391501.80 |
| 3823034.05 | 49.29316   | (20011802) |            |           |
| 391479.74  | 3823024.78 | 48.71961   | (20011802) | 391457.68 |
| 3823015.50 | 47.52650   | (20011802) |            |           |
| 391435.62  | 3823006.22 | 47.90184   | (19120105) | 391413.56 |
| 3822996.95 | 48.87592   | (19120105) |            |           |
| 391391.50  | 3822987.67 | 49.22286   | (19120105) | 391369.44 |
| 3822978.39 | 48.92983   | (19120105) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 426

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391347.38   | 3822969.12  | 48.00937   | (19120105) | 391325.32   |
| 3822959.84  | 46.49759    | (19120105) |            |             |
| 391303.26   | 3822950.56  | 47.03992   | (19120504) | 391281.20   |
| 3822941.29  | 47.65030    | (19120504) |            |             |
| 391259.14   | 3822932.01  | 47.64687   | (19120504) | 391237.08   |
| 3822922.74  | 47.03075    | (19120504) |            |             |
| 391215.02   | 3822913.46  | 46.17264   | (17031323) | 391192.96   |
| 3822904.18  | 47.66500    | (17031323) |            |             |
| 391170.90   | 3822894.91  | 48.57411   | (17031323) | 391148.84   |
| 3822885.63  | 48.86717    | (17031323) |            |             |
| 391126.78   | 3822876.35  | 48.53395   | (17031323) | 391104.72   |
| 3822867.08  | 47.58870    | (17031323) |            |             |
| 391082.66   | 3822857.80  | 46.93401   | (16121406) | 391060.60   |
| 3822848.52  | 48.12676    | (16121406) |            |             |
| 391038.54   | 3822839.25  | 48.72252   | (16121406) | 391016.48   |
| 3822829.97  | 48.70059    | (16121406) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390994.42  | 3822820.69 | 48.06302   | (16121406) | 390972.36 |
| 3822811.42 | 46.83561   | (16121406) |            |           |
| 390950.30  | 3822802.14 | 45.06499   | (16121406) | 390928.24 |
| 3822792.86 | 42.81687   | (16121406) |            |           |
| 390906.18  | 3822783.59 | 42.17108   | (20020718) | 390884.12 |
| 3822774.31 | 41.90038   | (20020718) |            |           |
| 390862.06  | 3822765.04 | 41.11106   | (20020718) | 390840.00 |
| 3822755.76 | 41.31722   | (17091023) |            |           |
| 390817.94  | 3822746.48 | 42.38826   | (17091023) | 390795.88 |
| 3822737.21 | 42.94527   | (17091023) |            |           |
| 390773.82  | 3822727.93 | 42.96954   | (17091023) | 390751.76 |
| 3822718.65 | 42.46149   | (17091023) |            |           |
| 390729.70  | 3822709.38 | 41.44172   | (17091023) | 390707.64 |
| 3822700.10 | 39.94853   | (17091023) |            |           |
| 390685.58  | 3822690.82 | 38.03660   | (17091023) | 390663.52 |
| 3822681.55 | 39.26608   | (20111107) |            |           |
| 390641.46  | 3822672.27 | 41.88649   | (20111107) | 390619.40 |
| 3822662.99 | 44.13277   | (20111107) |            |           |
| 390597.34  | 3822653.72 | 45.92974   | (20111107) | 390575.28 |
| 3822644.44 | 47.21731   | (20111107) |            |           |
| 390553.22  | 3822635.17 | 47.95068   | (20111107) | 390531.16 |
| 3822625.89 | 48.10586   | (20111107) |            |           |
| 390509.10  | 3822616.61 | 47.67897   | (20111107) | 390487.04 |
| 3822607.34 | 46.68768   | (20111107) |            |           |
| 390464.98  | 3822598.06 | 45.16894   | (20111107) | 390442.92 |
| 3822588.78 | 43.17767   | (20111107) |            |           |
| 390420.86  | 3822579.51 | 40.78355   | (20111107) | 390398.80 |
| 3822570.23 | 39.06494   | (18011717) |            |           |
| 390376.74  | 3822560.95 | 41.29010   | (18011717) | 390354.68 |
| 3822551.68 | 43.12146   | (18011717) |            |           |
| 390332.62  | 3822542.40 | 44.50020   | (18011717) | 390310.56 |
| 3822533.12 | 45.38024   | (18011717) |            |           |
| 390288.50  | 3822523.85 | 45.73282   | (18011717) | 390266.44 |
| 3822514.57 | 45.54806   | (18011717) |            |           |
| 390244.38  | 3822505.30 | 44.83455   | (18011717) | 390222.32 |
| 3822496.02 | 43.61899   | (18011717) |            |           |
| 390200.26  | 3822486.74 | 41.94492   | (18011717) | 390178.20 |
| 3822477.47 | 39.87042   | (18011717) |            |           |
| 390156.14  | 3822468.19 | 37.46278   | (18011717) | 390134.08 |
| 3822458.91 | 34.79783   | (18011717) |            |           |
| 390112.02  | 3822449.64 | 33.77156   | (16031907) | 390089.96 |
| 3822440.36 | 35.05202   | (16031907) |            |           |
| 390067.90  | 3822431.08 | 35.96445   | (16031907) | 390045.84 |
| 3822421.81 | 36.47988   | (16031907) |            |           |
| 390023.78  | 3822412.53 | 36.58312   | (16031907) | 390001.72 |
| 3822403.25 | 36.27232   | (16031907) |            |           |
| 389979.66  | 3822393.98 | 35.56003   | (16031907) | 389957.60 |
| 3822384.70 | 34.47154   | (16031907) |            |           |
| 389935.54  | 3822375.43 | 33.04451   | (16031907) | 389913.48 |
| 3822366.15 | 33.61089   | (19062704) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389891.42  | 3822356.87 | 35.95438   | (19062704) | 389869.36 |
| 3822347.60 | 38.03100   | (19062704) |            |           |
| 389847.30  | 3822338.32 | 39.78122   | (19062704) | 389825.24 |
| 3822329.04 | 41.15185   | (19062704) |            |           |
| 389803.18  | 3822319.77 | 42.10109   | (19062704) | 389781.12 |
| 3822310.49 | 42.60119   | (19062704) |            |           |
| 389759.06  | 3822301.21 | 42.63778   | (19062704) | 389737.00 |
| 3822291.94 | 42.21217   | (19062704) |            |           |
| 389714.94  | 3822282.66 | 41.34031   | (19062704) | 389692.88 |
| 3822273.38 | 40.05225   | (19062704) |            |           |
| 389670.82  | 3822264.11 | 38.39073   | (19062704) | 389648.76 |
| 3822254.83 | 36.40713   | (19062704) |            |           |
| 389626.70  | 3822245.56 | 34.16199   | (19062704) | 389604.64 |
| 3822236.28 | 35.32724   | (20010717) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 427

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389582.58   | 3822227.00  | 36.92080   | (20010717) | 389560.52   |
| 3822217.73  | 38.17728    | (20010717) |            |             |
| 389538.46   | 3822208.45  | 39.06134   | (20010717) | 389516.40   |
| 3822199.17  | 39.54735    | (20010717) |            |             |
| 389494.34   | 3822189.90  | 39.62244   | (20010717) | 389472.28   |
| 3822180.62  | 39.28671    | (20010717) |            |             |
| 389450.22   | 3822171.34  | 38.55267   | (20010717) | 389428.16   |
| 3822162.07  | 37.44523    | (20010717) |            |             |
| 389406.10   | 3822152.79  | 36.53794   | (18122218) | 389384.04   |
| 3822143.51  | 37.04458    | (18122218) |            |             |
| 389361.98   | 3822134.24  | 37.17621   | (18122218) | 389339.92   |
| 3822124.96  | 36.93121    | (18122218) |            |             |
| 389317.86   | 3822115.69  | 36.31918   | (18122218) | 389295.80   |
| 3822106.41  | 35.36020    | (18122218) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389273.74  | 3822097.13          | 34.08442 | (18122218) | 389251.68 |
| 3822087.86 | 34.52112 (16112518) |          |            |           |
| 389229.62  | 3822078.58          | 36.39267 | (17010720) | 389207.56 |
| 3822069.30 | 38.57880 (17010720) |          |            |           |
| 389185.50  | 3822060.03          | 40.48975 | (17010720) | 389163.44 |
| 3822050.75 | 42.07702 (17010720) |          |            |           |
| 389141.38  | 3822041.47          | 43.29793 | (17010720) | 389119.32 |
| 3822032.20 | 44.12000 (17010720) |          |            |           |
| 389087.86  | 3822000.92          | 44.61670 | (17010720) | 389078.45 |
| 3821978.91 | 44.26577 (17010720) |          |            |           |
| 389069.04  | 3821956.91          | 43.47821 | (17010720) | 389059.63 |
| 3821934.90 | 42.27457 (17010720) |          |            |           |
| 389050.23  | 3821912.90          | 40.68923 | (17010720) | 389040.82 |
| 3821890.89 | 38.76374 (17010720) |          |            |           |
| 389031.41  | 3821868.89          | 36.85679 | (18091303) | 389022.00 |
| 3821846.89 | 36.64791 (18091303) |          |            |           |
| 389012.60  | 3821824.88          | 36.06730 | (18091303) | 389003.19 |
| 3821802.88 | 35.13055 (18091303) |          |            |           |
| 388993.78  | 3821780.87          | 34.49061 | (18111302) | 388984.37 |
| 3821758.87 | 35.07129 (18111302) |          |            |           |
| 388974.97  | 3821736.86          | 35.29257 | (18111302) | 388965.56 |
| 3821714.86 | 35.14550 (18111302) |          |            |           |
| 388956.15  | 3821692.85          | 36.03876 | (18070504) | 388946.75 |
| 3821670.85 | 37.47403 (18070504) |          |            |           |
| 388937.34  | 3821648.85          | 38.55867 | (18070504) | 388927.93 |
| 3821626.84 | 39.25718 (18070504) |          |            |           |
| 388918.52  | 3821604.84          | 39.54515 | (18070504) | 388909.12 |
| 3821582.83 | 39.41174 (18070504) |          |            |           |
| 388899.71  | 3821560.83          | 38.85898 | (18070504) | 388890.30 |
| 3821538.82 | 38.61527 (19111222) |          |            |           |
| 388880.89  | 3821516.82          | 39.76334 | (19111222) | 388871.49 |
| 3821494.81 | 40.50546 (19111222) |          |            |           |
| 388862.08  | 3821472.81          | 40.81561 | (19111222) | 388852.67 |
| 3821450.80 | 40.68171 (19111222) |          |            |           |
| 388843.26  | 3821428.80          | 40.10610 | (19111222) | 388833.86 |
| 3821406.80 | 39.10589 (19111222) |          |            |           |
| 388824.45  | 3821384.79          | 37.71020 | (19111222) | 388815.04 |
| 3821362.79 | 35.96256 (19111222) |          |            |           |
| 388805.63  | 3821340.78          | 33.91418 | (19111222) | 388796.23 |
| 3821318.78 | 35.56627 (19112123) |          |            |           |
| 388786.82  | 3821296.77          | 37.42981 | (19112123) | 388777.41 |
| 3821274.77 | 38.95360 (19112123) |          |            |           |
| 388768.00  | 3821252.76          | 40.08852 | (19112123) | 388758.60 |
| 3821230.76 | 40.79479 (19112123) |          |            |           |
| 388749.19  | 3821208.76          | 41.04773 | (19112123) | 388739.78 |
| 3821186.75 | 40.83657 (19112123) |          |            |           |
| 388730.38  | 3821164.75          | 42.88735 | (16022104) | 388720.97 |
| 3821142.74 | 44.58355 (16022104) |          |            |           |
| 388711.56  | 3821120.74          | 45.82077 | (16022104) | 388702.15 |
| 3821098.73 | 46.55662 (16022104) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388692.75  | 3821076.73 | 46.76357   | (16022104) | 388683.34 |
| 3821054.72 | 46.43259   | (16022104) |            |           |
| 388673.93  | 3821032.72 | 45.57308   | (16022104) | 388664.52 |
| 3821010.72 | 44.21241   | (16022104) |            |           |
| 388655.12  | 3820988.71 | 44.97116   | (17010803) | 388645.71 |
| 3820966.71 | 45.59291   | (17010803) |            |           |
| 388636.30  | 3820944.70 | 45.68634   | (17010803) | 388626.89 |
| 3820922.70 | 45.24612   | (17010803) |            |           |
| 388617.49  | 3820900.69 | 44.28583   | (17010803) | 388608.08 |
| 3820878.69 | 45.41637   | (16102117) |            |           |
| 388598.67  | 3820856.68 | 46.46044   | (16102117) | 388589.26 |
| 3820834.68 | 46.96932   | (16102117) |            |           |
| 388579.86  | 3820812.68 | 46.92386   | (16102117) | 388570.45 |
| 3820790.67 | 46.32334   | (16102117) |            |           |
| 388561.04  | 3820768.67 | 45.18752   | (16102117) | 388551.63 |
| 3820746.66 | 46.13763   | (19112102) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 428

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388542.23   | 3820724.66  | 47.04428   | (19112102) | 388532.82   |
| 3820702.65  | 47.39694    | (19112102) |            |             |
| 388523.41   | 3820680.65  | 47.18071   | (19112102) | 388514.00   |
| 3820658.64  | 46.40149    | (19112102) |            |             |
| 388504.60   | 3820636.64  | 45.42332   | (20021308) | 388495.19   |
| 3820614.64  | 46.70168    | (20021308) |            |             |
| 388485.78   | 3820592.63  | 47.43759   | (20021308) | 388476.38   |
| 3820570.63  | 47.60248    | (20021308) |            |             |
| 388466.97   | 3820548.62  | 47.18884   | (20021308) | 388457.56   |
| 3820526.62  | 46.21025    | (20021308) |            |             |
| 388448.15   | 3820504.61  | 46.15099   | (18022807) | 388438.75   |
| 3820482.61  | 47.24996    | (18022807) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388429.34  | 3820460.60 | 47.78520   | (18022807) | 388419.93 |
| 3820438.60 | 47.73497   | (18022807) |            |           |
| 388410.52  | 3820416.60 | 47.09995   | (18022807) | 388401.12 |
| 3820394.59 | 45.90182   | (18022807) |            |           |
| 388391.71  | 3820372.59 | 44.18271   | (18022807) | 388382.30 |
| 3820350.58 | 42.00151   | (18022807) |            |           |
| 388372.89  | 3820328.58 | 41.59214   | (19022323) | 388363.49 |
| 3820306.57 | 42.07448   | (19122817) |            |           |
| 388354.08  | 3820284.57 | 44.28053   | (19122817) | 388344.67 |
| 3820262.56 | 46.02557   | (19122817) |            |           |
| 388335.26  | 3820240.56 | 47.24484   | (19122817) | 388325.86 |
| 3820218.56 | 47.89328   | (19122817) |            |           |
| 388316.45  | 3820196.55 | 47.94570   | (19122817) | 388307.04 |
| 3820174.55 | 47.39871   | (19122817) |            |           |
| 388297.63  | 3820152.54 | 46.27123   | (19122817) | 388288.23 |
| 3820130.54 | 45.05015   | (18120617) |            |           |
| 388278.82  | 3820108.53 | 45.99160   | (18120617) | 388269.41 |
| 3820086.53 | 46.36318   | (18120617) |            |           |
| 388260.01  | 3820064.52 | 46.15042   | (18120617) | 388250.60 |
| 3820042.52 | 45.36021   | (18120617) |            |           |
| 388241.19  | 3820020.52 | 44.73661   | (20120617) | 388231.78 |
| 3819998.51 | 45.98621   | (20120617) |            |           |
| 388222.38  | 3819976.51 | 46.67350   | (20120617) | 388212.97 |
| 3819954.50 | 46.77243   | (20120617) |            |           |
| 388203.56  | 3819932.50 | 46.27817   | (20120617) | 388194.15 |
| 3819910.49 | 45.21163   | (19010818) |            |           |
| 388184.75  | 3819888.49 | 46.78646   | (19010818) | 388175.34 |
| 3819866.48 | 47.80257   | (19010818) |            |           |
| 388165.93  | 3819844.48 | 48.21994   | (19010818) | 388156.52 |
| 3819822.47 | 48.02236   | (19010818) |            |           |
| 388147.12  | 3819800.47 | 47.21704   | (19010818) | 388137.71 |
| 3819778.47 | 46.03437   | (17061502) |            |           |
| 388128.30  | 3819756.46 | 47.34173   | (17061502) | 388118.89 |
| 3819734.46 | 48.06478   | (17061502) |            |           |
| 388109.49  | 3819712.45 | 48.17619   | (17061502) | 388100.08 |
| 3819690.45 | 47.67092   | (17061502) |            |           |
| 388090.67  | 3819668.44 | 46.56747   | (17061502) | 388081.26 |
| 3819646.44 | 46.91121   | (19110606) |            |           |
| 388071.86  | 3819624.43 | 47.93237   | (19110606) | 388062.45 |
| 3819602.43 | 48.34859   | (19110606) |            |           |
| 388053.04  | 3819580.43 | 48.14394   | (19110606) | 388043.64 |
| 3819558.42 | 47.32581   | (19110606) |            |           |
| 388034.23  | 3819536.42 | 45.92523   | (19110606) | 388024.82 |
| 3819514.41 | 43.99369   | (19110606) |            |           |
| 388015.41  | 3819492.41 | 41.60311   | (19110606) | 388006.01 |
| 3819470.40 | 38.83674   | (19110606) |            |           |
| 387996.60  | 3819448.40 | 35.78895   | (19110606) | 387987.19 |
| 3819426.39 | 36.63709   | (17090904) |            |           |
| 387977.78  | 3819404.39 | 37.90733   | (17090904) | 387968.38 |
| 3819382.39 | 38.71803   | (17090904) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387958.97  | 3819360.38 | 39.03856   | (17090904) | 387949.56 |
| 3819338.38 | 38.85620   | (17090904) |            |           |
| 387940.15  | 3819316.37 | 38.17790   | (17090904) | 387930.75 |
| 3819294.37 | 39.51127   | (18121622) |            |           |
| 387921.34  | 3819272.36 | 40.60892   | (18121622) | 387911.93 |
| 3819250.36 | 41.20070   | (18121622) |            |           |
| 387902.52  | 3819228.35 | 41.26460   | (18121622) | 387893.12 |
| 3819206.35 | 43.29257   | (16122217) |            |           |
| 387883.71  | 3819184.35 | 45.35566   | (16122217) | 387874.30 |
| 3819162.34 | 46.90773   | (16122217) |            |           |
| 387864.89  | 3819140.34 | 47.88990   | (16122217) | 387855.49 |
| 3819118.33 | 48.26603   | (16122217) |            |           |
| 387846.08  | 3819096.33 | 48.02169   | (16122217) | 387836.67 |
| 3819074.32 | 47.16652   | (16122217) |            |           |
| 387827.26  | 3819052.32 | 45.73406   | (16122217) | 387817.86 |
| 3819030.31 | 45.67647   | (18121517) |            |           |
| 387808.45  | 3819008.31 | 46.32720   | (18121517) | 387799.04 |
| 3818986.31 | 46.38669   | (18121517) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 429

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387789.64   | 3818964.30  | 45.85310   | (18121517) | 387780.23   |
| 3818942.30  | 45.20650    | (17013018) |            |             |
| 387770.82   | 3818920.29  | 46.74243   | (17013018) | 387761.41   |
| 3818898.29  | 47.71329    | (17013018) |            |             |
| 387752.01   | 3818876.28  | 48.08395   | (17013018) | 387742.60   |
| 3818854.28  | 47.84062    | (17013018) |            |             |
| 387733.19   | 3818832.27  | 46.99319   | (17013018) | 387723.78   |
| 3818810.27  | 45.92451    | (18102822) |            |             |
| 387714.38   | 3818788.27  | 47.18481   | (18102822) | 387704.97   |
| 3818766.26  | 47.86487    | (18102822) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3818722.25 | 387695.56 | 3818744.26 | 47.93914   | (18102822) | 387686.15 |
| 3818678.24 | 387676.75 | 3818700.25 | 44.43142   | (18102822) | 387667.34 |
| 3818634.23 | 387657.93 | 3818656.24 | 37.15809   | (18102822) | 387648.52 |
| 3818590.23 | 387639.12 | 3818612.23 | 31.33736   | (20011502) | 387629.71 |
| 3818546.22 | 387620.30 | 3818568.22 | 29.03831   | (17111117) | 387610.89 |
| 3818502.21 | 387601.49 | 3818524.21 | 27.58704   | (17111117) | 387592.08 |
| 3818458.20 | 387582.67 | 3818480.20 | 25.18736   | (17111117) | 387573.27 |
| 3818414.19 | 387563.86 | 3818436.19 | 23.75358   | (19120417) | 387554.45 |
| 3818370.18 | 387545.04 | 3818392.19 | 22.52722   | (19120417) | 387535.64 |
| 3818326.17 | 387526.23 | 3818348.18 | 20.18564   | (19120417) | 387516.82 |
| 3818282.16 | 387507.41 | 3818304.17 | 19.15874   | (16012605) | 387498.01 |
| 3818238.15 | 387488.60 | 3818260.16 | 18.49120   | (16012605) | 387479.19 |
| 3818194.14 | 387469.78 | 3818216.15 | 17.82410   | (16012605) | 387460.38 |
| 3818150.14 | 387450.97 | 3818172.14 | 16.61147   | (16123017) | 387441.56 |
| 3818106.13 | 387432.15 | 3818128.13 | 15.49149   | (16123017) | 387422.75 |
| 3818062.12 | 387413.34 | 3818084.12 | 12.53348   | (16123017) | 387403.93 |
| 3818018.11 | 387394.52 | 3818040.11 | 12.60591   | (16111417) | 387385.12 |
| 3817974.10 | 387375.71 | 3817996.10 | 15.31440   | (16111417) | 387366.30 |
| 3817930.09 | 387356.90 | 3817952.10 | 17.45735   | (16111417) | 387347.49 |
| 3817886.08 | 387338.08 | 3817908.09 | 19.39006   | (19082401) | 387328.67 |
| 3817842.07 | 387319.27 | 3817864.08 | 22.57135   | (17011704) | 387309.86 |
| 3817798.06 | 387300.45 | 3817820.07 | 25.75858   | (17011704) | 387291.04 |
| 3817754.06 | 387281.64 | 3817776.06 | 28.16786   | (17011704) | 387272.23 |
| 3817710.05 | 387262.82 | 3817732.05 | 28.72983   | (17011704) | 387253.41 |
| 3817666.04 | 387244.01 | 3817688.04 | 27.53356   | (17011704) | 387234.60 |
|            |           | 26.53360   | (18030604) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387225.19  | 3817644.03 | 26.72736   | (18030604) | 387215.78 |
| 3817622.03 | 26.77776   | (18030604) |            |           |
| 387206.38  | 3817600.02 | 26.90635   | (18030604) | 387196.97 |
| 3817578.02 | 26.56960   | (18030604) |            |           |
| 387187.56  | 3817556.02 | 27.01908   | (17030222) | 387178.15 |
| 3817534.01 | 28.19575   | (17030222) |            |           |
| 387168.75  | 3817512.01 | 27.50709   | (17030222) | 387159.34 |
| 3817490.00 | 26.15953   | (17030222) |            |           |
| 387149.93  | 3817468.00 | 25.50502   | (17030222) | 387140.52 |
| 3817445.99 | 26.34115   | (19011117) |            |           |
| 387131.12  | 3817423.99 | 28.72255   | (19011117) | 387121.71 |
| 3817401.98 | 31.12108   | (19011117) |            |           |
| 387112.30  | 3817379.98 | 33.47016   | (19011117) | 387102.90 |
| 3817357.98 | 35.06248   | (19011117) |            |           |
| 387093.49  | 3817335.97 | 36.41119   | (19011117) | 387084.08 |
| 3817313.97 | 37.59672   | (19011117) |            |           |
| 387074.67  | 3817291.96 | 38.79256   | (19011117) | 387065.27 |
| 3817269.96 | 39.46772   | (19011117) |            |           |
| 387055.86  | 3817247.95 | 38.20185   | (19011117) | 387046.45 |
| 3817225.95 | 35.67225   | (19011117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 430

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387037.04   | 3817203.94  | 34.13726   | (19120324) | 387027.64   |
| 3817181.94  | 33.30525    | (19120324) |            |             |
| 387018.23   | 3817159.94  | 33.03429   | (16111707) | 387008.82   |
| 3817137.93  | 32.27384    | (16111707) |            |             |
| 386999.41   | 3817115.93  | 31.22880   | (16111707) | 386990.01   |
| 3817093.92  | 30.54331    | (16111707) |            |             |
| 386980.60   | 3817071.92  | 31.74959   | (18111703) | 386971.19   |
| 3817049.91  | 35.27895    | (18111703) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 386961.78  | 3817027.91          | 37.53971 | (18111703) | 386952.38 |
| 3817005.90 | 38.01320 (18111703) |          |            |           |
| 386942.97  | 3816983.90          | 35.72759 | (18111703) | 386933.56 |
| 3816961.90 | 32.73555 (18111703) |          |            |           |
| 386924.15  | 3816939.89          | 29.52477 | (18111703) | 386914.75 |
| 3816917.89 | 27.55127 (16062705) |          |            |           |
| 386905.34  | 3816895.88          | 26.62422 | (16062705) | 386895.93 |
| 3816873.88 | 25.82343 (16062705) |          |            |           |
| 386886.53  | 3816851.87          | 25.40863 | (16062705) | 386877.12 |
| 3816829.87 | 24.50309 (16062705) |          |            |           |
| 386867.71  | 3816807.86          | 25.09856 | (16062705) | 386858.30 |
| 3816785.86 | 26.87701 (16062705) |          |            |           |
| 386848.90  | 3816763.85          | 29.59078 | (19120217) | 386839.49 |
| 3816741.85 | 34.02781 (19120217) |          |            |           |
| 386830.08  | 3816719.85          | 38.22422 | (19120217) | 386820.67 |
| 3816697.84 | 41.41274 (19120217) |          |            |           |
| 386811.27  | 3816675.84          | 41.60280 | (19120217) | 386801.86 |
| 3816653.83 | 39.13508 (19120217) |          |            |           |
| 386792.45  | 3816631.83          | 35.54453 | (19120217) | 394524.02 |
| 3824304.92 | 14.99280 (19122906) |          |            |           |
| 394547.95  | 3824305.25          | 14.10175 | (19122906) | 394571.88 |
| 3824305.58 | 13.39613 (17113008) |          |            |           |
| 394595.81  | 3824305.91          | 13.22697 | (17113008) | 394619.75 |
| 3824306.23 | 12.85161 (17113008) |          |            |           |
| 394643.68  | 3824306.56          | 12.36337 | (17113008) | 394667.61 |
| 3824306.89 | 11.78592 (17113008) |          |            |           |
| 394691.54  | 3824307.22          | 11.17401 | (18120204) | 394715.47 |
| 3824307.55 | 11.20542 (18120204) |          |            |           |
| 394739.40  | 3824307.87          | 11.13136 | (18120204) | 394763.33 |
| 3824308.20 | 10.85133 (18120204) |          |            |           |
| 394787.26  | 3824308.53          | 10.49914 | (19102022) | 394811.19 |
| 3824308.86 | 10.62106 (19102022) |          |            |           |
| 394835.13  | 3824309.18          | 10.62707 | (19102022) | 394859.06 |
| 3824309.51 | 10.51710 (19102022) |          |            |           |
| 394882.99  | 3824309.84          | 10.32853 | (19102022) | 394906.92 |
| 3824310.17 | 9.98961 (19102022)  |          |            |           |
| 394930.85  | 3824310.50          | 9.54875  | (19102022) | 394954.78 |
| 3824310.82 | 9.19573 (18020224)  |          |            |           |
| 394483.72  | 3825628.86          | 5.54548  | (18021708) | 394461.67 |
| 3825619.59 | 5.57912 (18021708)  |          |            |           |
| 394439.63  | 3825610.32          | 5.57098  | (18021708) | 394417.59 |
| 3825601.05 | 5.67626 (18021708)  |          |            |           |
| 394395.54  | 3825591.78          | 5.89422  | (18021708) | 394373.50 |
| 3825582.52 | 6.00976 (18021708)  |          |            |           |
| 394351.46  | 3825573.25          | 6.02907  | (18021708) | 394329.41 |
| 3825563.98 | 6.00145 (18021708)  |          |            |           |
| 394307.37  | 3825554.71          | 5.93933  | (18021708) | 394285.33 |
| 3825545.44 | 5.85881 (18021708)  |          |            |           |
| 394263.28  | 3825536.17          | 5.78176  | (18021708) | 394241.24 |
| 3825526.90 | 5.83934 (18021708)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394219.20  | 3825517.63         | 6.43832 | (18010220) | 394197.15 |
| 3825508.36 | 6.51309 (18010220) |         |            |           |
| 394175.11  | 3825499.09         | 6.24613 | (18010220) | 394153.07 |
| 3825489.82 | 6.05338 (16050324) |         |            |           |
| 394131.02  | 3825480.55         | 6.06435 | (16050324) | 394108.98 |
| 3825471.28 | 6.20761 (16050324) |         |            |           |
| 394086.94  | 3825462.01         | 6.52021 | (16050324) | 394064.89 |
| 3825452.74 | 6.89954 (16050324) |         |            |           |
| 394042.85  | 3825443.47         | 7.11983 | (16050324) | 394020.81 |
| 3825434.20 | 7.19651 (17010802) |         |            |           |
| 393998.76  | 3825424.93         | 7.48673 | (17010802) | 393976.72 |
| 3825415.67 | 7.91480 (17010802) |         |            |           |
| 393954.68  | 3825406.40         | 8.24501 | (17010802) | 393932.63 |
| 3825397.13 | 8.37003 (17010802) |         |            |           |
| 393910.59  | 3825387.86         | 8.37272 | (17010802) | 393888.54 |
| 3825378.59 | 8.28065 (17010802) |         |            |           |
| 393866.50  | 3825369.32         | 8.11499 | (17010802) | 393844.46 |
| 3825360.05 | 8.22443 (19120218) |         |            |           |
| 393822.41  | 3825350.78         | 8.43169 | (19120218) | 393800.37 |
| 3825341.51 | 8.59133 (19120218) |         |            |           |
| 393778.33  | 3825332.24         | 8.79986 | (19120218) | 393756.28 |
| 3825322.97 | 8.91436 (19120218) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 431

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393734.24   | 3825313.70         | 8.50940    | (19120218) | 393712.20   |
| 3825304.43  | 7.97262 (19120218) |            |            |             |
| 393690.15   | 3825295.16         | 7.70624    | (18120306) | 393668.11   |
| 3825285.89  | 7.82725 (18120306) |            |            |             |
| 393646.07   | 3825276.62         | 7.70263    | (18120306) | 393624.02   |
| 3825267.35  | 7.84544 (18120306) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393601.98  | 3825258.08          | 8.08088  | (18120306) | 393579.94 |
| 3825248.81 | 8.35570 (18120306)  |          |            |           |
| 393557.89  | 3825239.55          | 8.88115  | (16102921) | 393535.85 |
| 3825230.28 | 9.16566 (16102921)  |          |            |           |
| 393513.81  | 3825221.01          | 9.27075  | (16102921) | 393491.76 |
| 3825211.74 | 9.28829 (16102921)  |          |            |           |
| 393469.72  | 3825202.47          | 9.11412  | (16102921) | 393447.68 |
| 3825193.20 | 8.90390 (16102921)  |          |            |           |
| 393425.63  | 3825183.93          | 9.31226  | (16102921) | 393403.59 |
| 3825174.66 | 10.17866 (17111118) |          |            |           |
| 393381.55  | 3825165.39          | 10.83896 | (17111118) | 393359.50 |
| 3825156.12 | 11.18376 (17111118) |          |            |           |
| 393337.46  | 3825146.85          | 11.29323 | (17111118) | 393315.42 |
| 3825137.58 | 11.19566 (17111118) |          |            |           |
| 393293.37  | 3825128.31          | 11.04012 | (17111118) | 393271.33 |
| 3825119.04 | 10.67080 (17111118) |          |            |           |
| 393249.29  | 3825109.77          | 10.39745 | (17111118) | 393227.24 |
| 3825100.50 | 10.08898 (16083102) |          |            |           |
| 393205.20  | 3825091.23          | 10.27894 | (16083102) | 393183.16 |
| 3825081.96 | 10.54602 (16083102) |          |            |           |
| 393161.11  | 3825072.70          | 10.67142 | (16083102) | 393139.07 |
| 3825063.43 | 10.85964 (16083102) |          |            |           |
| 393117.03  | 3825054.16          | 11.75110 | (17010808) | 393094.98 |
| 3825044.89 | 12.50198 (17010808) |          |            |           |
| 393072.94  | 3825035.62          | 12.91803 | (17010808) | 393050.90 |
| 3825026.35 | 13.23725 (17010808) |          |            |           |
| 393028.85  | 3825017.08          | 13.59059 | (17010808) | 393006.81 |
| 3825007.81 | 13.95720 (17010808) |          |            |           |
| 392984.77  | 3824998.54          | 14.29039 | (17010808) | 392962.72 |
| 3824989.27 | 15.18711 (17021123) |          |            |           |
| 392940.68  | 3824980.00          | 15.70188 | (17021123) | 392918.64 |
| 3824970.73 | 15.91754 (17021123) |          |            |           |
| 392896.59  | 3824961.46          | 16.22598 | (17021123) | 392874.55 |
| 3824952.19 | 17.03622 (17021123) |          |            |           |
| 392852.51  | 3824942.92          | 18.35909 | (17112921) | 392830.46 |
| 3824933.65 | 19.74165 (17112921) |          |            |           |
| 392808.42  | 3824924.38          | 21.92379 | (17112921) | 392786.37 |
| 3824915.11 | 24.00590 (17112921) |          |            |           |
| 392764.33  | 3824905.84          | 24.31423 | (17112921) | 392742.29 |
| 3824896.58 | 24.01294 (17112921) |          |            |           |
| 392720.24  | 3824887.31          | 23.77418 | (17112921) | 392698.20 |
| 3824878.04 | 23.87960 (18012218) |          |            |           |
| 392676.16  | 3824868.77          | 24.64133 | (18012218) | 392654.11 |
| 3824859.50 | 25.39224 (18012218) |          |            |           |
| 392632.07  | 3824850.23          | 25.90250 | (18012218) | 392610.03 |
| 3824840.96 | 25.83127 (18012218) |          |            |           |
| 392587.98  | 3824831.69          | 25.37815 | (18012218) | 392565.94 |
| 3824822.42 | 26.02750 (19110502) |          |            |           |
| 392543.90  | 3824813.15          | 26.92252 | (19110502) | 392521.85 |
| 3824803.88 | 27.89675 (19110502) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392499.81  | 3824794.61 | 28.42809   | (19110502) | 392477.77 |
| 3824785.34 | 28.35167   | (19110502) |            |           |
| 392455.72  | 3824776.07 | 28.16145   | (19110502) | 392433.68 |
| 3824766.80 | 28.12125   | (19110502) |            |           |
| 392411.64  | 3824757.53 | 28.37315   | (19110502) | 392389.59 |
| 3824748.26 | 29.68167   | (16032003) |            |           |
| 392367.55  | 3824738.99 | 30.37790   | (16032003) | 392345.51 |
| 3824729.73 | 31.08820   | (16032003) |            |           |
| 392323.46  | 3824720.46 | 31.64520   | (16032003) | 392301.42 |
| 3824711.19 | 31.37224   | (16032003) |            |           |
| 392279.38  | 3824701.92 | 30.72904   | (16032003) | 392257.33 |
| 3824692.65 | 31.48552   | (19122402) |            |           |
| 392235.29  | 3824683.38 | 32.87974   | (19122402) | 392213.25 |
| 3824674.11 | 34.83946   | (19122402) |            |           |
| 392191.20  | 3824664.84 | 37.17402   | (19122402) | 392169.16 |
| 3824655.57 | 39.26451   | (19122402) |            |           |
| 392147.12  | 3824646.30 | 39.50398   | (19122402) | 392125.07 |
| 3824637.03 | 38.36181   | (19122402) |            |           |
| 392103.03  | 3824627.76 | 36.88405   | (19122402) | 392080.99 |
| 3824618.49 | 35.11153   | (19122402) |            |           |
| 392058.94  | 3824609.22 | 33.09145   | (19122402) | 392036.90 |
| 3824599.95 | 32.48911   | (17011408) |            |           |
| 392014.86  | 3824590.68 | 31.97089   | (17011408) | 391992.81 |
| 3824581.41 | 31.14806   | (17011408) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 432

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391970.77   | 3824572.14  | 30.99230   | (16022306) | 391948.73   |
| 3824562.87  | 31.52736    | (16022306) |            |             |
| 391926.68   | 3824553.61  | 32.92881   | (20122117) | 391904.64   |
| 3824544.34  | 34.97725    | (20122117) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391882.60  | 3824535.07 | 36.78344   | (20122117) | 391860.55 |
| 3824525.80 | 38.29832   | (20122117) |            |           |
| 391838.51  | 3824516.53 | 39.47778   | (20122117) | 391816.47 |
| 3824507.26 | 40.28809   | (20122117) |            |           |
| 391794.42  | 3824497.99 | 40.70522   | (20122117) | 391772.38 |
| 3824488.72 | 40.71629   | (20122117) |            |           |
| 391750.34  | 3824479.45 | 40.32098   | (20122117) | 391728.29 |
| 3824470.18 | 39.25752   | (20122117) |            |           |
| 391706.25  | 3824460.91 | 37.70101   | (20122117) | 391684.20 |
| 3824451.64 | 35.97313   | (20122117) |            |           |
| 391662.16  | 3824442.37 | 35.29331   | (20091423) | 391640.12 |
| 3824433.10 | 35.45701   | (20091423) |            |           |
| 391618.07  | 3824423.83 | 35.54973   | (20091423) | 391596.03 |
| 3824414.56 | 35.12731   | (20091423) |            |           |
| 391573.99  | 3824405.29 | 36.09606   | (18100905) | 391551.94 |
| 3824396.02 | 37.06631   | (18100905) |            |           |
| 391529.90  | 3824386.76 | 37.68163   | (18100905) | 391507.86 |
| 3824377.49 | 37.92448   | (18100905) |            |           |
| 391485.81  | 3824368.22 | 37.78727   | (18100905) | 391463.77 |
| 3824358.95 | 37.27429   | (18100905) |            |           |
| 391441.73  | 3824349.68 | 36.40083   | (18100905) | 391419.68 |
| 3824340.41 | 35.19208   | (18100905) |            |           |
| 391397.64  | 3824331.14 | 33.68388   | (18100905) | 391375.60 |
| 3824321.87 | 32.49626   | (20022707) |            |           |
| 391353.55  | 3824312.60 | 34.60227   | (20022707) | 391331.51 |
| 3824303.33 | 36.47542   | (20022707) |            |           |
| 391309.47  | 3824294.06 | 38.06571   | (20022707) | 391287.42 |
| 3824284.79 | 39.32895   | (20022707) |            |           |
| 391265.38  | 3824275.52 | 40.22793   | (20022707) | 391243.34 |
| 3824266.25 | 40.73692   | (20022707) |            |           |
| 391221.29  | 3824256.98 | 40.84096   | (20022707) | 391199.25 |
| 3824247.71 | 40.53712   | (20022707) |            |           |
| 391177.21  | 3824238.44 | 39.83479   | (20022707) | 391155.16 |
| 3824229.17 | 38.75447   | (20022707) |            |           |
| 391133.12  | 3824219.90 | 37.32867   | (20022707) | 391111.08 |
| 3824210.64 | 35.59810   | (20022707) |            |           |
| 391089.03  | 3824201.37 | 33.60937   | (20022707) | 391066.99 |
| 3824192.10 | 35.25792   | (20011802) |            |           |
| 391044.95  | 3824182.83 | 37.02472   | (20011802) | 391022.90 |
| 3824173.56 | 38.49400   | (20011802) |            |           |
| 391000.86  | 3824164.29 | 39.62351   | (20011802) | 390978.82 |
| 3824155.02 | 40.38156   | (20011802) |            |           |
| 390956.77  | 3824145.75 | 40.74635   | (20011802) | 390934.73 |
| 3824136.48 | 40.70725   | (20011802) |            |           |
| 390912.69  | 3824127.21 | 40.26605   | (20011802) | 390890.64 |
| 3824117.94 | 39.43581   | (20011802) |            |           |
| 390868.60  | 3824108.67 | 39.18749   | (19120105) | 390846.56 |
| 3824099.40 | 40.07088   | (19120105) |            |           |
| 390824.51  | 3824090.13 | 40.57010   | (19120105) | 390802.47 |
| 3824080.86 | 40.67064   | (19120105) |            |           |





|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390163.21  | 3823812.05 | 34.18940   | (17091023) | 390141.17 |
| 3823802.78 | 34.96592   | (17091023) |            |           |
| 390119.12  | 3823793.51 | 35.42186   | (17091023) | 390097.08 |
| 3823784.24 | 35.54492   | (17091023) |            |           |
| 390075.04  | 3823774.97 | 35.33269   | (17091023) | 390052.99 |
| 3823765.70 | 34.79173   | (17091023) |            |           |
| 390030.95  | 3823756.43 | 33.93839   | (17091023) | 390008.91 |
| 3823747.16 | 32.79676   | (17091023) |            |           |
| 389986.86  | 3823737.89 | 31.39771   | (17091023) | 389964.82 |
| 3823728.62 | 31.73944   | (20111107) |            |           |
| 389942.78  | 3823719.35 | 33.70954   | (20111107) | 389920.73 |
| 3823710.08 | 35.46801   | (20111107) |            |           |
| 389898.69  | 3823700.82 | 36.96955   | (20111107) | 389876.65 |
| 3823691.55 | 38.17731   | (20111107) |            |           |
| 389854.60  | 3823682.28 | 39.05978   | (20111107) | 389832.56 |
| 3823673.01 | 39.59346   | (20111107) |            |           |
| 389810.52  | 3823663.74 | 39.76513   | (20111107) | 389788.47 |
| 3823654.47 | 39.57101   | (20111107) |            |           |
| 389766.43  | 3823645.20 | 39.01773   | (20111107) | 389744.39 |
| 3823635.93 | 38.12138   | (20111107) |            |           |
| 389722.34  | 3823626.66 | 36.90655   | (20111107) | 389700.30 |
| 3823617.39 | 35.40696   | (20111107) |            |           |
| 389678.26  | 3823608.12 | 33.66139   | (20111107) | 389656.21 |
| 3823598.85 | 31.71286   | (20111107) |            |           |
| 389634.17  | 3823589.58 | 33.36296   | (18011717) | 389612.13 |
| 3823580.31 | 34.82859   | (18011717) |            |           |
| 389590.08  | 3823571.04 | 36.03060   | (18011717) | 389568.04 |
| 3823561.77 | 36.93818   | (18011717) |            |           |
| 389545.99  | 3823552.50 | 37.52914   | (18011717) | 389523.95 |
| 3823543.23 | 37.78857   | (18011717) |            |           |
| 389501.91  | 3823533.96 | 37.71095   | (18011717) | 389479.86 |
| 3823524.70 | 37.29939   | (18011717) |            |           |
| 389457.82  | 3823515.43 | 36.56616   | (18011717) | 389435.78 |
| 3823506.16 | 35.53143   | (18011717) |            |           |
| 389413.73  | 3823496.89 | 34.22228   | (18011717) | 389391.69 |
| 3823487.62 | 32.67329   | (18011717) |            |           |
| 389369.65  | 3823478.35 | 30.92238   | (18011717) | 389347.60 |
| 3823469.08 | 29.01028   | (18011717) |            |           |
| 389325.56  | 3823459.81 | 27.84546   | (18121508) | 389303.52 |
| 3823450.54 | 28.36184   | (16031907) |            |           |
| 389281.47  | 3823441.27 | 29.18798   | (16031907) | 389259.43 |
| 3823432.00 | 29.77709   | (16031907) |            |           |
| 389237.39  | 3823422.73 | 30.11540   | (16031907) | 389215.34 |
| 3823413.46 | 30.19518   | (16031907) |            |           |
| 389193.30  | 3823404.19 | 30.01537   | (16031907) | 389171.26 |
| 3823394.92 | 29.58166   | (16031907) |            |           |
| 389149.21  | 3823385.65 | 28.90576   | (16031907) | 389127.17 |
| 3823376.38 | 28.00602   | (16031907) |            |           |
| 389105.13  | 3823367.11 | 26.90512   | (16031907) | 389083.08 |
| 3823357.85 | 27.64502   | (19062704) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389061.04  | 3823348.58 | 29.35131   | (19062704) | 389039.00 |
| 3823339.31 | 30.89846   | (19062704) |            |           |
| 389016.95  | 3823330.04 | 32.25271   | (19062704) | 388994.91 |
| 3823320.77 | 33.38260   | (19062704) |            |           |
| 388972.87  | 3823311.50 | 34.26265   | (19062704) | 388950.82 |
| 3823302.23 | 34.87277   | (19062704) |            |           |
| 388928.78  | 3823292.96 | 35.19881   | (19062704) | 388906.74 |
| 3823283.69 | 35.23418   | (19062704) |            |           |
| 388884.69  | 3823274.42 | 34.97912   | (19062704) | 388862.65 |
| 3823265.15 | 34.44137   | (19062704) |            |           |
| 388840.61  | 3823255.88 | 33.63518   | (19062704) | 388818.56 |
| 3823246.61 | 32.58059   | (19062704) |            |           |
| 388796.52  | 3823237.34 | 31.30409   | (19062704) | 388774.48 |
| 3823228.07 | 29.83537   | (19062704) |            |           |
| 388752.43  | 3823218.80 | 28.20697   | (19062704) | 388730.39 |
| 3823209.53 | 28.67880   | (20010717) |            |           |
| 388708.35  | 3823200.26 | 29.91155   | (20010717) | 388686.30 |
| 3823190.99 | 30.94619   | (20010717) |            |           |
| 388664.26  | 3823181.73 | 31.75924   | (20010717) | 388642.22 |
| 3823172.46 | 32.33385   | (20010717) |            |           |
| 388620.17  | 3823163.19 | 32.65742   | (20010717) | 388598.13 |
| 3823153.92 | 32.72334   | (20010717) |            |           |
| 388576.09  | 3823144.65 | 32.53141   | (20010717) | 388554.04 |
| 3823135.38 | 32.08716   | (20010717) |            |           |
| 388532.00  | 3823126.11 | 31.40245   | (20010717) | 388509.96 |
| 3823116.84 | 30.49398   | (20010717) |            |           |
| 388487.91  | 3823107.57 | 30.23601   | (18122218) | 388465.87 |
| 3823098.30 | 30.57876   | (18122218) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 434

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388443.82  | 3823089.03 | 30.68661   | (18122218) | 388421.78 |
| 3823079.76 | 30.55819   | (18122218) |            |           |
| 388399.74  | 3823070.49 | 30.19768   | (18122218) | 388377.69 |
| 3823061.22 | 29.61417   | (18122218) |            |           |
| 388355.65  | 3823051.95 | 28.82227   | (18122218) | 388333.61 |
| 3823042.68 | 28.10625   | (16112518) |            |           |
| 388311.56  | 3823033.41 | 28.48113   | (16112518) | 388289.52 |
| 3823024.14 | 29.61987   | (17010720) |            |           |
| 388267.48  | 3823014.88 | 31.24279   | (17010720) | 388245.43 |
| 3823005.61 | 32.70698   | (17010720) |            |           |
| 388223.39  | 3822996.34 | 33.98222   | (17010720) | 388201.35 |
| 3822987.07 | 35.04352   | (17010720) |            |           |
| 388179.30  | 3822977.80 | 35.86976   | (17010720) | 388147.86 |
| 3822946.54 | 36.84583   | (17010720) |            |           |
| 388138.46  | 3822924.55 | 36.97126   | (17010720) | 388129.06 |
| 3822902.56 | 36.81601   | (17010720) |            |           |
| 388119.66  | 3822880.58 | 36.38243   | (17010720) | 388110.26 |
| 3822858.59 | 35.67879   | (17010720) |            |           |
| 388100.86  | 3822836.60 | 34.71976   | (17010720) | 388091.46 |
| 3822814.61 | 33.52550   | (17010720) |            |           |
| 388082.06  | 3822792.62 | 32.12101   | (17010720) | 388072.66 |
| 3822770.64 | 30.53582   | (17010720) |            |           |
| 388063.26  | 3822748.65 | 30.42972   | (18091303) | 388053.86 |
| 3822726.66 | 30.12492   | (18091303) |            |           |
| 388044.46  | 3822704.67 | 29.58975   | (18091303) | 388035.06 |
| 3822682.68 | 28.83555   | (18091303) |            |           |
| 388025.66  | 3822660.70 | 28.54339   | (18111302) | 388016.26 |
| 3822638.71 | 28.97392   | (18111302) |            |           |
| 388006.86  | 3822616.72 | 29.17876   | (18111302) | 387997.46 |
| 3822594.73 | 29.15204   | (18111302) |            |           |
| 387988.05  | 3822572.75 | 29.01180   | (18070504) | 387978.65 |
| 3822550.76 | 30.19891   | (18070504) |            |           |
| 387969.25  | 3822528.77 | 31.18421   | (18070504) | 387959.85 |
| 3822506.78 | 31.94408   | (18070504) |            |           |
| 387950.45  | 3822484.79 | 32.45960   | (18070504) | 387941.05 |
| 3822462.81 | 32.71731   | (18070504) |            |           |
| 387931.65  | 3822440.82 | 32.71006   | (18070504) | 387922.25 |
| 3822418.83 | 32.43675   | (18070504) |            |           |
| 387912.85  | 3822396.84 | 31.90292   | (18070504) | 387903.45 |
| 3822374.85 | 32.15184   | (19111222) |            |           |
| 387894.05  | 3822352.87 | 32.95422   | (19111222) | 387884.65 |
| 3822330.88 | 33.49989   | (19111222) |            |           |
| 387875.25  | 3822308.89 | 33.77412   | (19111222) | 387865.85 |
| 3822286.90 | 33.76901   | (19111222) |            |           |
| 387856.45  | 3822264.91 | 33.48357   | (19111222) | 387847.05 |
| 3822242.93 | 32.92400   | (19111222) |            |           |
| 387837.65  | 3822220.94 | 32.10269   | (19111222) | 387828.25 |
| 3822198.95 | 31.03881   | (19111222) |            |           |
| 387818.85  | 3822176.96 | 29.75698   | (19111222) | 387809.45 |
| 3822154.98 | 28.28691   | (19111222) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387800.05  | 3822132.99 | 28.69304   | (19112123) | 387790.65 |
| 3822111.00 | 30.14743   | (19112123) |            |           |
| 387781.25  | 3822089.01 | 31.40827   | (19112123) | 387771.85 |
| 3822067.02 | 32.44474   | (19112123) |            |           |
| 387762.45  | 3822045.04 | 33.23034   | (19112123) | 387753.05 |
| 3822023.05 | 33.74501   | (19112123) |            |           |
| 387743.65  | 3822001.06 | 33.97432   | (19112123) | 387734.25 |
| 3821979.07 | 33.91134   | (19112123) |            |           |
| 387724.85  | 3821957.08 | 34.60687   | (16022104) | 387715.45 |
| 3821935.10 | 36.01854   | (16022104) |            |           |
| 387706.05  | 3821913.11 | 37.16504   | (16022104) | 387696.64 |
| 3821891.12 | 38.01629   | (16022104) |            |           |
| 387687.24  | 3821869.13 | 38.54913   | (16022104) | 387677.84 |
| 3821847.14 | 38.74885   | (16022104) |            |           |
| 387668.44  | 3821825.16 | 38.60917   | (16022104) | 387659.04 |
| 3821803.17 | 38.13257   | (16022104) |            |           |
| 387649.64  | 3821781.18 | 37.33037   | (16022104) | 387640.24 |
| 3821759.19 | 36.54172   | (17010803) |            |           |
| 387630.84  | 3821737.20 | 37.30813   | (17010803) | 387621.44 |
| 3821715.22 | 37.75412   | (17010803) |            |           |
| 387612.04  | 3821693.23 | 37.86722   | (17010803) | 387602.64 |
| 3821671.24 | 37.64313   | (17010803) |            |           |
| 387593.24  | 3821649.25 | 37.08677   | (17010803) | 387583.84 |
| 3821627.27 | 36.85293   | (16102117) |            |           |
| 387574.44  | 3821605.28 | 37.87232   | (16102117) | 387565.04 |
| 3821583.29 | 38.57180   | (16102117) |            |           |
| 387555.64  | 3821561.30 | 38.93180   | (16102117) | 387546.24 |
| 3821539.31 | 38.94163   | (16102117) |            |           |
| 387536.84  | 3821517.33 | 38.60016   | (16102117) | 387527.44 |
| 3821495.34 | 37.91542   | (16102117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 435

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| -----      |           |            |          |            |           |
|            | 387518.04 | 3821473.35 | 37.51527 | (19112102) | 387508.64 |
| 3821451.36 | 38.44266  | (19112102) |          |            |           |
|            | 387499.24 | 3821429.37 | 39.03541 | (19112102) | 387489.84 |
| 3821407.39 | 39.27651  | (19112102) |          |            |           |
|            | 387480.44 | 3821385.40 | 39.15863 | (19112102) | 387471.04 |
| 3821363.41 | 38.68386  | (19112102) |          |            |           |
|            | 387461.64 | 3821341.42 | 37.86425 | (19112102) | 387452.24 |
| 3821319.43 | 38.07868  | (20021308) |          |            |           |
|            | 387442.84 | 3821297.45 | 38.88775 | (20021308) | 387433.44 |
| 3821275.46 | 39.34902  | (20021308) |          |            |           |
|            | 387424.04 | 3821253.47 | 39.44855 | (20021308) | 387414.64 |
| 3821231.48 | 39.18271  | (20021308) |          |            |           |
|            | 387405.23 | 3821209.49 | 38.55774 | (20021308) | 387395.83 |
| 3821187.51 | 37.62836  | (18022807) |          |            |           |
|            | 387386.43 | 3821165.52 | 38.63881 | (18022807) | 387377.03 |
| 3821143.53 | 39.30762  | (18022807) |          |            |           |
|            | 387367.63 | 3821121.54 | 39.61552 | (18022807) | 387358.23 |
| 3821099.56 | 39.55318  | (18022807) |          |            |           |
|            | 387348.83 | 3821077.57 | 39.12152 | (18022807) | 387339.43 |
| 3821055.58 | 38.33174  | (18022807) |          |            |           |
|            | 387330.03 | 3821033.59 | 37.20496 | (18022807) | 387320.63 |
| 3821011.60 | 35.77119  | (18022807) |          |            |           |
|            | 387311.23 | 3820989.62 | 34.32167 | (19022323) | 387301.83 |
| 3820967.63 | 34.43801  | (19022323) |          |            |           |
|            | 387292.43 | 3820945.64 | 34.70940 | (19122817) | 387283.03 |
| 3820923.65 | 36.34995  | (19122817) |          |            |           |
|            | 387273.63 | 3820901.66 | 37.70845 | (19122817) | 387264.23 |
| 3820879.68 | 38.74724  | (19122817) |          |            |           |
|            | 387254.83 | 3820857.69 | 39.43775 | (19122817) | 387245.43 |
| 3820835.70 | 39.75943  | (19122817) |          |            |           |
|            | 387236.03 | 3820813.71 | 39.70249 | (19122817) | 387226.63 |
| 3820791.72 | 39.26791  | (19122817) |          |            |           |
|            | 387217.23 | 3820769.74 | 38.46775 | (19122817) | 387207.83 |
| 3820747.75 | 37.32344  | (19122817) |          |            |           |
|            | 387198.43 | 3820725.76 | 37.81767 | (18120617) | 387189.03 |
| 3820703.77 | 38.29990  | (18120617) |          |            |           |
|            | 387179.63 | 3820681.78 | 38.41680 | (18120617) | 387170.23 |
| 3820659.80 | 38.16460  | (18120617) |          |            |           |
|            | 387160.83 | 3820637.81 | 37.54988 | (18120617) | 387151.43 |
| 3820615.82 | 36.85065  | (20120617) |          |            |           |
|            | 387142.03 | 3820593.83 | 37.84829 | (20120617) | 387132.63 |
| 3820571.85 | 38.49865  | (20120617) |          |            |           |
|            | 387123.23 | 3820549.86 | 38.78321 | (20120617) | 387113.82 |
| 3820527.87 | 38.69288  | (20120617) |          |            |           |
|            | 387104.42 | 3820505.88 | 38.22994 | (20120617) | 387095.02 |
| 3820483.89 | 37.42711  | (19010818) |          |            |           |
|            | 387085.62 | 3820461.91 | 38.60442 | (19010818) | 387076.22 |
| 3820439.92 | 39.43407  | (19010818) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387066.82  | 3820417.93 | 39.89145   | (19010818) | 387057.42 |
| 3820395.94 | 39.96295   | (19010818) |            |           |
| 387048.02  | 3820373.95 | 39.64612   | (19010818) | 387038.62 |
| 3820351.97 | 38.95010   | (19010818) |            |           |
| 387029.22  | 3820329.98 | 38.14575   | (17061502) | 387019.82 |
| 3820307.99 | 39.12521   | (17061502) |            |           |
| 387010.42  | 3820286.00 | 39.73956   | (17061502) | 387001.02 |
| 3820264.01 | 39.97075   | (17061502) |            |           |
| 386991.62  | 3820242.03 | 39.81186   | (17061502) | 386982.22 |
| 3820220.04 | 39.26718   | (17061502) |            |           |
| 386972.82  | 3820198.05 | 38.35221   | (17061502) | 386963.42 |
| 3820176.06 | 38.88454   | (19110606) |            |           |
| 386954.02  | 3820154.07 | 39.65151   | (19110606) | 386944.62 |
| 3820132.09 | 40.03884   | (19110606) |            |           |
| 386935.22  | 3820110.10 | 40.03537   | (19110606) | 386925.82 |
| 3820088.11 | 39.64079   | (19110606) |            |           |
| 386916.42  | 3820066.12 | 38.86643   | (19110606) | 386907.02 |
| 3820044.14 | 37.73500   | (19110606) |            |           |
| 386897.62  | 3820022.15 | 36.27775   | (19110606) | 386888.22 |
| 3820000.16 | 34.53537   | (19110606) |            |           |
| 386878.82  | 3819978.17 | 32.55472   | (19110606) | 386869.42 |
| 3819956.18 | 30.38698   | (19110606) |            |           |
| 386860.02  | 3819934.20 | 29.55917   | (17090904) | 386850.62 |
| 3819912.21 | 30.67611   | (17090904) |            |           |
| 386841.22  | 3819890.22 | 31.52353   | (17090904) | 386831.82 |
| 3819868.23 | 32.07716   | (17090904) |            |           |
| 386822.41  | 3819846.24 | 32.32089   | (17090904) | 386813.01 |
| 3819824.26 | 32.24765   | (17090904) |            |           |
| 386803.61  | 3819802.27 | 31.85963   | (17090904) | 386794.21 |
| 3819780.28 | 32.03010   | (18121622) |            |           |
| 386784.81  | 3819758.29 | 33.04063   | (18121622) | 386775.41 |
| 3819736.30 | 33.74927   | (18121622) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 436

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)         | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|----------|------------|-------------|
| -----       |             |                     |          |            |             |
|             | 386766.01   | 3819714.32          | 34.13549 | (18121622) | 386756.61   |
| 3819692.33  |             | 34.18845 (18121622) |          |            |             |
|             | 386747.21   | 3819670.34          | 34.66512 | (16122217) | 386737.81   |
| 3819648.35  |             | 36.02254 (16122217) |          |            |             |
|             | 386728.41   | 3819626.36          | 37.06518 | (16122217) | 386719.01   |
| 3819604.38  |             | 37.85145 (16122217) |          |            |             |
|             | 386709.61   | 3819582.39          | 38.18673 | (16122217) | 386700.21   |
| 3819560.40  |             | 38.12645 (16122217) |          |            |             |
|             | 386690.81   | 3819538.41          | 37.69981 | (16122217) | 386681.41   |
| 3819516.43  |             | 36.88571 (16122217) |          |            |             |
|             | 386672.01   | 3819494.44          | 35.76417 | (16122217) | 386662.61   |
| 3819472.45  |             | 34.66922 (18121517) |          |            |             |
|             | 386653.21   | 3819450.46          | 34.90203 | (18121517) | 386643.81   |
| 3819428.47  |             | 34.88047 (18121517) |          |            |             |
|             | 386634.41   | 3819406.49          | 34.55004 | (18121517) | 386625.01   |
| 3819384.50  |             | 33.83806 (18121517) |          |            |             |
|             | 386615.61   | 3819362.51          | 32.94018 | (18121517) | 386606.21   |
| 3819340.52  |             | 33.09580 (17013018) |          |            |             |
|             | 386596.81   | 3819318.53          | 33.33454 | (17013018) | 386587.41   |
| 3819296.55  |             | 32.89244 (17013018) |          |            |             |
|             | 386578.01   | 3819274.56          | 32.37775 | (17013018) | 386568.61   |
| 3819252.57  |             | 31.88083 (17013018) |          |            |             |
|             | 386559.21   | 3819230.58          | 31.46323 | (17013018) | 386549.81   |
| 3819208.59  |             | 31.22134 (17013018) |          |            |             |
|             | 386540.41   | 3819186.61          | 31.97511 | (18102822) | 386531.00   |
| 3819164.62  |             | 32.28709 (18102822) |          |            |             |
|             | 386521.60   | 3819142.63          | 32.22844 | (18102822) | 386512.20   |
| 3819120.64  |             | 31.84251 (18102822) |          |            |             |
|             | 386502.80   | 3819098.66          | 31.17246 | (18102822) | 386493.40   |
| 3819076.67  |             | 30.19493 (18102822) |          |            |             |
|             | 386484.00   | 3819054.68          | 29.04844 | (18102822) | 386474.60   |
| 3819032.69  |             | 27.66735 (18102822) |          |            |             |
|             | 386465.20   | 3819010.70          | 26.03431 | (18102822) | 386455.80   |
| 3818988.72  |             | 24.92249 (20011502) |          |            |             |
|             | 386446.40   | 3818966.73          | 24.46388 | (20011502) | 386437.00   |
| 3818944.74  |             | 23.72486 (17111117) |          |            |             |
|             | 386427.60   | 3818922.75          | 24.21671 | (17111117) | 386418.20   |
| 3818900.76  |             | 24.30194 (17111117) |          |            |             |
|             | 386408.80   | 3818878.78          | 24.27279 | (17111117) | 386399.40   |
| 3818856.79  |             | 23.92987 (17111117) |          |            |             |
|             | 386390.00   | 3818834.80          | 23.07490 | (17111117) | 386380.60   |
| 3818812.81  |             | 22.62339 (17111117) |          |            |             |
|             | 386371.20   | 3818790.82          | 22.75037 | (19120417) | 386361.80   |
| 3818768.84  |             | 23.89873 (19120417) |          |            |             |
|             | 386352.40   | 3818746.85          | 24.85023 | (19120417) | 386343.00   |
| 3818724.86  |             | 26.00083 (19120417) |          |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386333.60  | 3818702.87 | 27.24424   | (19120417) | 386324.20 |
| 3818680.88 | 28.39860   | (19120417) |            |           |
| 386314.80  | 3818658.90 | 27.89741   | (16012605) | 386305.40 |
| 3818636.91 | 28.41357   | (16012605) |            |           |
| 386296.00  | 3818614.92 | 29.65640   | (16012605) | 386286.60 |
| 3818592.93 | 32.16868   | (16012605) |            |           |
| 386277.20  | 3818570.95 | 34.71040   | (16012605) | 386267.80 |
| 3818548.96 | 36.23472   | (16012605) |            |           |
| 386258.40  | 3818526.97 | 35.84438   | (16012605) | 386249.00 |
| 3818504.98 | 35.46787   | (16012605) |            |           |
| 386239.59  | 3818482.99 | 35.04867   | (16012605) | 386230.19 |
| 3818461.01 | 35.21696   | (17121517) |            |           |
| 386220.79  | 3818439.02 | 36.24803   | (17121517) | 386211.39 |
| 3818417.03 | 36.95700   | (17121517) |            |           |
| 386201.99  | 3818395.04 | 36.82115   | (17121517) | 386192.59 |
| 3818373.05 | 36.25423   | (17121517) |            |           |
| 386183.19  | 3818351.07 | 36.90578   | (16111417) | 386173.79 |
| 3818329.08 | 37.91836   | (16111417) |            |           |
| 386164.39  | 3818307.09 | 38.60053   | (16111417) | 386154.99 |
| 3818285.10 | 38.93469   | (16111417) |            |           |
| 386145.59  | 3818263.11 | 38.91266   | (16111417) | 386136.19 |
| 3818241.13 | 38.53624   | (16111417) |            |           |
| 386126.79  | 3818219.14 | 37.81638   | (16111417) | 386117.39 |
| 3818197.15 | 36.77345   | (16111417) |            |           |
| 386107.99  | 3818175.16 | 35.43591   | (16111417) | 386098.59 |
| 3818153.17 | 33.83907   | (16111417) |            |           |
| 386089.19  | 3818131.19 | 32.02436   | (16111417) | 386079.79 |
| 3818109.20 | 33.31649   | (17011704) |            |           |
| 386070.39  | 3818087.21 | 34.94494   | (17011704) | 386060.99 |
| 3818065.22 | 36.32242   | (17011704) |            |           |
| 386051.59  | 3818043.24 | 37.41437   | (17011704) | 386042.19 |
| 3818021.25 | 38.19436   | (17011704) |            |           |
| 386032.79  | 3817999.26 | 38.64234   | (17011704) | 386023.39 |
| 3817977.27 | 38.74749   | (17011704) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 437

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|--------------------|------------|-------------|
| 386013.99                  | 3817955.28          | 38.50811           | (17011704) | 386004.59   |
| 3817933.30                 | 37.93194 (17011704) |                    |            |             |
| 385995.19                  | 3817911.31          | 37.03478           | (17011704) | 385985.79   |
| 3817889.32                 | 35.84101 (17011704) |                    |            |             |
| 385976.39                  | 3817867.33          | 34.38183           | (17011704) | 385966.99   |
| 3817845.34                 | 34.23503 (18030604) |                    |            |             |
| 385957.59                  | 3817823.36          | 34.25520           | (18030604) | 385948.18   |
| 3817801.37                 | 33.97623 (18030604) |                    |            |             |
| 385938.78                  | 3817779.38          | 33.40646           | (18030604) | 385929.38   |
| 3817757.39                 | 33.53459 (17030222) |                    |            |             |
| 385919.98                  | 3817735.40          | 34.38597           | (17030222) | 385910.58   |
| 3817713.42                 | 34.95309 (17030222) |                    |            |             |
| 385901.18                  | 3817691.43          | 35.22301           | (17030222) | 385891.78   |
| 3817669.44                 | 35.18954 (17030222) |                    |            |             |
| 385882.38                  | 3817647.45          | 34.85466           | (17030222) | 385872.98   |
| 3817625.46                 | 35.14942 (19011117) |                    |            |             |
| 385863.58                  | 3817603.48          | 36.30067           | (19011117) | 385854.18   |
| 3817581.49                 | 37.16984 (19011117) |                    |            |             |
| 385844.78                  | 3817559.50          | 37.73581           | (19011117) | 385835.38   |
| 3817537.51                 | 37.98552 (19011117) |                    |            |             |
| 385825.98                  | 3817515.53          | 37.91397           | (19011117) | 385816.58   |
| 3817493.54                 | 37.52419 (19011117) |                    |            |             |
| 385807.18                  | 3817471.55          | 36.82713           | (19011117) | 385797.78   |
| 3817449.56                 | 35.84125 (19011117) |                    |            |             |
| 385788.38                  | 3817427.57          | 34.59165           | (19011117) | 385778.98   |
| 3817405.59                 | 33.10970 (19011117) |                    |            |             |
| 385769.58                  | 3817383.60          | 31.42918           | (19011117) | 385760.18   |
| 3817361.61                 | 29.58870 (19011117) |                    |            |             |
| 385750.78                  | 3817339.62          | 28.37443           | (19120324) | 385741.38   |
| 3817317.63                 | 27.84745 (19120324) |                    |            |             |
| 385731.98                  | 3817295.65          | 27.10701           | (19120324) | 385722.58   |
| 3817273.66                 | 27.58669 (16111707) |                    |            |             |
| 385713.18                  | 3817251.67          | 27.98734           | (16111707) | 385703.78   |
| 3817229.68                 | 28.16242 (16111707) |                    |            |             |
| 385694.38                  | 3817207.69          | 28.10866           | (16111707) | 385684.98   |
| 3817185.71                 | 28.76743 (18111703) |                    |            |             |
| 385675.58                  | 3817163.72          | 29.91933           | (18111703) | 385666.18   |
| 3817141.73                 | 30.86573 (18111703) |                    |            |             |
| 385656.77                  | 3817119.74          | 31.58573           | (18111703) | 385647.37   |
| 3817097.75                 | 32.06351 (18111703) |                    |            |             |
| 385637.97                  | 3817075.77          | 32.28881           | (18111703) | 385628.57   |
| 3817053.78                 | 32.25764 (18111703) |                    |            |             |
| 385619.17                  | 3817031.79          | 32.62262           | (16062705) | 385609.77   |
| 3817009.80                 | 33.95263 (16062705) |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385600.37  | 3816987.82 | 35.05677   | (16062705) | 385590.97 |
| 3816965.83 | 35.91229   | (16062705) |            |           |
| 385581.57  | 3816943.84 | 36.50028   | (16062705) | 385572.17 |
| 3816921.85 | 36.80843   | (16062705) |            |           |
| 385562.77  | 3816899.86 | 36.83090   | (16062705) | 385553.37 |
| 3816877.88 | 36.56868   | (16062705) |            |           |
| 385543.97  | 3816855.89 | 36.02895   | (16062705) | 385534.57 |
| 3816833.90 | 35.22538   | (16062705) |            |           |
| 385525.17  | 3816811.91 | 35.48935   | (19120217) | 385515.77 |
| 3816789.92 | 36.13688   | (19120217) |            |           |
| 385506.37  | 3816767.94 | 36.51549   | (19120217) | 385496.97 |
| 3816745.95 | 36.61831   | (19120217) |            |           |
| 385487.57  | 3816723.96 | 36.44411   | (19120217) | 385478.17 |
| 3816701.97 | 35.99818   | (19120217) |            |           |
| 385468.77  | 3816679.98 | 35.29180   | (19120217) | 385459.37 |
| 3816658.00 | 34.34226   | (19120217) |            |           |
| 394505.76  | 3825638.13 | 5.48373    | (18021708) | 394529.69 |
| 3825638.46 | 5.37961    | (18021708) |            |           |
| 394553.62  | 3825638.79 | 5.22653    | (18021708) | 394577.55 |
| 3825639.12 | 5.00092    | (18021708) |            |           |
| 394601.48  | 3825639.44 | 4.75854    | (18021708) | 394625.42 |
| 3825639.77 | 4.56818    | (18021708) |            |           |
| 394649.35  | 3825640.10 | 4.38562    | (18021708) | 394673.28 |
| 3825640.43 | 4.18158    | (18021708) |            |           |
| 394697.21  | 3825640.75 | 3.97007    | (18021708) | 394721.14 |
| 3825641.08 | 3.95359    | (16092707) |            |           |
| 394745.07  | 3825641.41 | 4.04074    | (16092707) | 394769.00 |
| 3825641.74 | 4.10979    | (16092707) |            |           |
| 394792.93  | 3825642.07 | 4.16961    | (16092707) | 394816.86 |
| 3825642.39 | 4.21453    | (16092707) |            |           |
| 394840.80  | 3825642.72 | 4.23981    | (16092707) | 394864.73 |
| 3825643.05 | 4.24347    | (16092707) |            |           |
| 394888.66  | 3825643.38 | 4.21693    | (16092707) | 394912.59 |
| 3825643.70 | 4.15956    | (16092707) |            |           |
| 394936.52  | 3825644.03 | 4.08174    | (16092707) | 394465.47 |
| 3826962.08 | 6.53966    | (17113008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 438

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |                     | Y-COORD (M)<br>CONC | CONC       | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|---------------------|------------|------------|-------------|
| -----                      |                     |                     |            |            |             |
| 394443.44                  | 3826952.81          | 7.12072             | (19122906) | 394421.41  |             |
| 3826943.55                 | 7.79296 (19122906)  |                     |            |            |             |
| 394399.38                  | 3826934.28          | 8.46894             | (19122906) | 394377.34  |             |
| 3826925.02                 | 8.98540 (19122906)  |                     |            |            |             |
| 394355.31                  | 3826915.75          | 9.46754             | (19122906) | 394333.28  |             |
| 3826906.49                 | 9.98008 (19122906)  |                     |            |            |             |
| 394311.25                  | 3826897.23          | 11.01377            | (19122906) | 394289.22  |             |
| 3826887.96                 | 11.67265 (19122906) |                     |            |            |             |
| 394267.19                  | 3826878.70          | 11.78683            | (19122906) | 394245.16  |             |
| 3826869.43                 | 12.04016 (18010220) |                     |            |            |             |
| 394223.13                  | 3826860.17          | 13.12218            | (18010220) | 394201.10  |             |
| 3826850.90                 | 14.40498 (18010220) |                     |            |            |             |
| 394179.07                  | 3826841.64          | 15.94796            | (18010220) | 394157.03  |             |
| 3826832.38                 | 17.50726 (18010220) |                     |            |            |             |
| 394135.00                  | 3826823.11          | 18.74896            | (18010220) | 394112.97  |             |
| 3826813.85                 | 19.24846 (18010220) |                     |            |            |             |
| 394090.94                  | 3826804.58          | 19.15680            | (18010220) | 394068.91  |             |
| 3826795.32                 | 19.24151 (18010220) |                     |            |            |             |
| 394046.88                  | 3826786.06          | 20.81682            | (16050324) | 394024.85  |             |
| 3826776.79                 | 23.51561 (16050324) |                     |            |            |             |
| 394002.82                  | 3826767.53          | 25.99572            | (16050324) | 393980.79  |             |
| 3826758.26                 | 28.19709 (16050324) |                     |            |            |             |
| 393958.75                  | 3826749.00          | 30.10860            | (16050324) | 393936.72  |             |
| 3826739.73                 | 31.22332 (16050324) |                     |            |            |             |
| 393914.69                  | 3826730.47          | 31.37113            | (16050324) | 393892.66  |             |
| 3826721.21                 | 30.22991 (17010802) |                     |            |            |             |
| 393870.63                  | 3826711.94          | 29.92235            | (17010802) | 393848.60  |             |
| 3826702.68                 | 29.16533 (17010802) |                     |            |            |             |
| 393826.57                  | 3826693.41          | 28.16978            | (17010802) | 393804.54  |             |
| 3826684.15                 | 27.47351 (17010802) |                     |            |            |             |
| 393782.51                  | 3826674.88          | 27.03321            | (17010802) | 393760.48  |             |
| 3826665.62                 | 26.88316 (17010802) |                     |            |            |             |
| 393738.44                  | 3826656.36          | 26.94001            | (17010802) | 393716.41  |             |
| 3826647.09                 | 26.88383 (17010802) |                     |            |            |             |
| 393694.38                  | 3826637.83          | 27.60632            | (19120218) | 393672.35  |             |
| 3826628.56                 | 27.29380 (19120218) |                     |            |            |             |
| 393650.32                  | 3826619.30          | 26.59857            | (19120218) | 393628.29  |             |
| 3826610.03                 | 25.80194 (19120218) |                     |            |            |             |
| 393606.26                  | 3826600.77          | 24.91462            | (19120218) | 393584.23  |             |
| 3826591.51                 | 23.71806 (19120218) |                     |            |            |             |
| 393562.20                  | 3826582.24          | 21.56617            | (19120218) | 393540.17  |             |
| 3826572.98                 | 19.27067 (19120218) |                     |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393518.13  | 3826563.71 | 17.84060   | (19120218) | 393496.10 |
| 3826554.45 | 15.99142   | (19120218) |            |           |
| 393474.07  | 3826545.18 | 14.94154   | (18120306) | 393452.04 |
| 3826535.92 | 14.67101   | (18120306) |            |           |
| 393430.01  | 3826526.66 | 15.10855   | (18120306) | 393407.98 |
| 3826517.39 | 16.07716   | (16102921) |            |           |
| 393385.95  | 3826508.13 | 16.06784   | (16102921) | 393363.92 |
| 3826498.86 | 15.94995   | (16102921) |            |           |
| 393341.89  | 3826489.60 | 15.83874   | (16102921) | 393319.85 |
| 3826480.33 | 15.59544   | (16102921) |            |           |
| 393297.82  | 3826471.07 | 15.20128   | (16102921) | 393275.79 |
| 3826461.81 | 14.77009   | (16102921) |            |           |
| 393253.76  | 3826452.54 | 14.29711   | (16102921) | 393231.73 |
| 3826443.28 | 13.75844   | (16102921) |            |           |
| 393209.70  | 3826434.01 | 13.24623   | (17111118) | 393187.67 |
| 3826424.75 | 13.44585   | (17111118) |            |           |
| 393165.64  | 3826415.48 | 13.88621   | (17111118) | 393143.61 |
| 3826406.22 | 14.38486   | (17111118) |            |           |
| 393121.58  | 3826396.96 | 14.60248   | (17111118) | 393099.54 |
| 3826387.69 | 14.44755   | (17111118) |            |           |
| 393077.51  | 3826378.43 | 14.20826   | (17111118) | 393055.48 |
| 3826369.16 | 14.11177   | (17111118) |            |           |
| 393033.45  | 3826359.90 | 13.53839   | (17111118) | 393011.42 |
| 3826350.63 | 12.07967   | (17111118) |            |           |
| 392989.39  | 3826341.37 | 10.48453   | (17111118) | 392967.36 |
| 3826332.11 | 9.55605    | (16083102) |            |           |
| 392945.33  | 3826322.84 | 9.19342    | (16083102) | 392923.30 |
| 3826313.58 | 8.82552    | (16083102) |            |           |
| 392901.27  | 3826304.31 | 8.25454    | (16083102) | 392879.23 |
| 3826295.05 | 8.04937    | (16083102) |            |           |
| 392857.20  | 3826285.79 | 8.06589    | (17010808) | 392835.17 |
| 3826276.52 | 7.70392    | (17010808) |            |           |
| 392813.14  | 3826267.26 | 7.26657    | (17010808) | 392791.11 |
| 3826257.99 | 7.02381    | (17010808) |            |           |
| 392769.08  | 3826248.73 | 6.85502    | (17010808) | 392747.05 |
| 3826239.46 | 6.68554    | (17010808) |            |           |
| 392725.02  | 3826230.20 | 6.53394    | (17010808) | 392702.99 |
| 3826220.94 | 6.45625    | (17021123) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 439

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 392680.95   | 3826211.67  | 6.57560        | (17021123) | 392658.92          |  |
| 3826202.41  | 6.76950     | (17021123)     |            |                    |  |
| 392636.89   | 3826193.14  | 7.01140        | (17021123) | 392614.86          |  |
| 3826183.88  | 7.28343     | (17021123)     |            |                    |  |
| 392592.83   | 3826174.61  | 7.24264        | (17021123) | 392570.80          |  |
| 3826165.35  | 7.13608     | (17021123)     |            |                    |  |
| 392548.77   | 3826156.09  | 7.32343        | (17112921) | 392526.74          |  |
| 3826146.82  | 7.63885     | (17112921)     |            |                    |  |
| 392504.71   | 3826137.56  | 7.98108        | (17112921) | 392482.68          |  |
| 3826128.29  | 8.21825     | (17112921)     |            |                    |  |
| 392460.64   | 3826119.03  | 8.42196        | (17112921) | 392438.61          |  |
| 3826109.76  | 8.73237     | (17112921)     |            |                    |  |
| 392416.58   | 3826100.50  | 8.70906        | (17112921) | 392394.55          |  |
| 3826091.24  | 8.54518     | (17112921)     |            |                    |  |
| 392372.52   | 3826081.97  | 8.69562        | (18012218) | 392350.49          |  |
| 3826072.71  | 9.01563     | (18012218)     |            |                    |  |
| 392328.46   | 3826063.44  | 9.34174        | (18012218) | 392306.43          |  |
| 3826054.18  | 9.54607     | (18012218)     |            |                    |  |
| 392284.40   | 3826044.91  | 9.59656        | (18012218) | 392262.37          |  |
| 3826035.65  | 9.69905     | (18012218)     |            |                    |  |
| 392240.33   | 3826026.39  | 9.75564        | (19110502) | 392218.30          |  |
| 3826017.12  | 10.11592    | (19110502)     |            |                    |  |
| 392196.27   | 3826007.86  | 10.43150       | (19110502) | 392174.24          |  |
| 3825998.59  | 10.74261    | (19110502)     |            |                    |  |
| 392152.21   | 3825989.33  | 10.98524       | (19110502) | 392130.18          |  |
| 3825980.06  | 11.09723    | (19110502)     |            |                    |  |
| 392108.15   | 3825970.80  | 11.11616       | (19110502) | 392086.12          |  |
| 3825961.54  | 10.96503    | (19110502)     |            |                    |  |
| 392064.09   | 3825952.27  | 10.65808       | (19110502) | 392042.05          |  |
| 3825943.01  | 10.81635    | (16032003)     |            |                    |  |
| 392020.02   | 3825933.74  | 11.34321       | (16032003) | 391997.99          |  |
| 3825924.48  | 11.80522    | (16032003)     |            |                    |  |
| 391975.96   | 3825915.21  | 12.27163       | (16032003) | 391953.93          |  |
| 3825905.95  | 12.45965    | (16032003)     |            |                    |  |
| 391931.90   | 3825896.69  | 12.43232       | (16032003) | 391909.87          |  |
| 3825887.42  | 12.32993    | (16032003)     |            |                    |  |
| 391887.84   | 3825878.16  | 12.69796       | (19122402) | 391865.81          |  |
| 3825868.89  | 13.22299    | (19122402)     |            |                    |  |
| 391843.78   | 3825859.63  | 13.59380       | (19122402) | 391821.74          |  |
| 3825850.36  | 13.69882    | (19122402)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391799.71  | 3825841.10 | 13.53506   | (19122402) | 391777.68 |
| 3825831.84 | 13.16921   | (19122402) |            |           |
| 391755.65  | 3825822.57 | 12.68670   | (19122402) | 391733.62 |
| 3825813.31 | 12.32453   | (19122402) |            |           |
| 391711.59  | 3825804.04 | 11.96725   | (19122402) | 391689.56 |
| 3825794.78 | 11.76491   | (17011408) |            |           |
| 391667.53  | 3825785.52 | 11.93404   | (17011408) | 391645.50 |
| 3825776.25 | 12.11984   | (17011408) |            |           |
| 391623.46  | 3825766.99 | 12.21292   | (17011408) | 391601.43 |
| 3825757.72 | 12.39665   | (17011408) |            |           |
| 391579.40  | 3825748.46 | 12.55646   | (17011408) | 391557.37 |
| 3825739.19 | 12.93483   | (16022306) |            |           |
| 391535.34  | 3825729.93 | 13.29840   | (16022306) | 391513.31 |
| 3825720.67 | 13.45960   | (16022306) |            |           |
| 391491.28  | 3825711.40 | 13.63053   | (16022306) | 391469.25 |
| 3825702.14 | 13.67424   | (16022306) |            |           |
| 391447.22  | 3825692.87 | 14.20588   | (20122117) | 391425.19 |
| 3825683.61 | 14.80755   | (20122117) |            |           |
| 391403.15  | 3825674.34 | 15.31027   | (20122117) | 391381.12 |
| 3825665.08 | 15.76052   | (20122117) |            |           |
| 391359.09  | 3825655.82 | 16.25871   | (20122117) | 391337.06 |
| 3825646.55 | 16.85334   | (20122117) |            |           |
| 391315.03  | 3825637.29 | 17.63983   | (20122117) | 391293.00 |
| 3825628.02 | 18.52731   | (20122117) |            |           |
| 391270.97  | 3825618.76 | 18.99305   | (20122117) | 391248.94 |
| 3825609.49 | 18.58263   | (20122117) |            |           |
| 391226.91  | 3825600.23 | 17.79755   | (20091423) | 391204.88 |
| 3825590.97 | 18.25651   | (20091423) |            |           |
| 391182.84  | 3825581.70 | 19.35304   | (20091423) | 391160.81 |
| 3825572.44 | 19.98879   | (20091423) |            |           |
| 391138.78  | 3825563.17 | 19.98528   | (20091423) | 391116.75 |
| 3825553.91 | 19.62148   | (18100905) |            |           |
| 391094.72  | 3825544.64 | 20.75727   | (18100905) | 391072.69 |
| 3825535.38 | 22.83373   | (18100905) |            |           |
| 391050.66  | 3825526.12 | 25.26172   | (18100905) | 391028.63 |
| 3825516.85 | 27.36280   | (18100905) |            |           |
| 391006.60  | 3825507.59 | 28.34939   | (18100905) | 390984.56 |
| 3825498.32 | 28.15104   | (18100905) |            |           |
| 390962.53  | 3825489.06 | 27.36333   | (18100905) | 390940.50 |
| 3825479.79 | 26.20107   | (18100905) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 440

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390918.47   | 3825470.53  | 24.95809   | (18100905) | 390896.44   |
| 3825461.27  | 24.21550    | (18100905) |            |             |
| 390874.41   | 3825452.00  | 24.14799   | (20022707) | 390852.38   |
| 3825442.74  | 26.69716    | (20022707) |            |             |
| 390830.35   | 3825433.47  | 29.37749   | (20022707) | 390808.32   |
| 3825424.21  | 31.67425    | (20022707) |            |             |
| 390786.29   | 3825414.94  | 32.75211   | (20022707) | 390764.25   |
| 3825405.68  | 33.60005    | (20022707) |            |             |
| 390742.22   | 3825396.42  | 34.19835   | (20022707) | 390720.19   |
| 3825387.15  | 34.53364    | (20022707) |            |             |
| 390698.16   | 3825377.89  | 34.59798   | (20022707) | 390676.13   |
| 3825368.62  | 34.39007    | (20022707) |            |             |
| 390654.10   | 3825359.36  | 33.91495   | (20022707) | 390632.07   |
| 3825350.09  | 33.18376    | (20022707) |            |             |
| 390610.04   | 3825340.83  | 32.21367   | (20022707) | 390588.01   |
| 3825331.57  | 31.02673    | (20022707) |            |             |
| 390565.98   | 3825322.30  | 29.64908   | (20022707) | 390543.94   |
| 3825313.04  | 28.31342    | (18032001) |            |             |
| 390521.91   | 3825303.77  | 29.70363   | (20011802) | 390499.88   |
| 3825294.51  | 31.06383    | (20011802) |            |             |
| 390477.85   | 3825285.25  | 32.23166   | (20011802) | 390455.82   |
| 3825275.98  | 33.18168    | (20011802) |            |             |
| 390433.79   | 3825266.72  | 33.89220   | (20011802) | 390411.76   |
| 3825257.45  | 34.34743    | (20011802) |            |             |
| 390389.73   | 3825248.19  | 34.53680   | (20011802) | 390367.70   |
| 3825238.92  | 34.45626    | (20011802) |            |             |
| 390345.66   | 3825229.66  | 34.10773   | (20011802) | 390323.63   |
| 3825220.40  | 33.49988    | (20011802) |            |             |
| 390301.60   | 3825211.13  | 32.89042   | (19120105) | 390279.57   |
| 3825201.87  | 33.65895    | (19120105) |            |             |
| 390257.54   | 3825192.60  | 34.17755   | (19120105) | 390235.51   |
| 3825183.34  | 34.43426    | (19120105) |            |             |
| 390213.48   | 3825174.07  | 34.42359   | (19120105) | 390191.45   |
| 3825164.81  | 34.14604    | (19120105) |            |             |
| 390169.42   | 3825155.55  | 33.60840   | (19120105) | 390147.39   |
| 3825146.28  | 32.82319    | (19120105) |            |             |
| 390125.35   | 3825137.02  | 32.44895   | (19120504) | 390103.32   |
| 3825127.75  | 33.01774    | (19120504) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390081.29  | 3825118.49 | 33.33673   | (19120504) | 390059.26 |
| 3825109.22 | 33.39912   | (19120504) |            |           |
| 390037.23  | 3825099.96 | 33.20372   | (19120504) | 390015.20 |
| 3825090.70 | 32.75547   | (19120504) |            |           |
| 389993.17  | 3825081.43 | 32.13592   | (17031323) | 389971.14 |
| 3825072.17 | 33.02677   | (17031323) |            |           |
| 389949.11  | 3825062.90 | 33.68158   | (17031323) | 389927.08 |
| 3825053.64 | 34.08556   | (17031323) |            |           |
| 389905.04  | 3825044.37 | 34.23013   | (17031323) | 389883.01 |
| 3825035.11 | 34.11218   | (17031323) |            |           |
| 389860.98  | 3825025.85 | 33.73500   | (17031323) | 389838.95 |
| 3825016.58 | 33.10749   | (17031323) |            |           |
| 389816.92  | 3825007.32 | 32.69882   | (16121406) | 389794.89 |
| 3824998.05 | 33.42863   | (16121406) |            |           |
| 389772.86  | 3824988.79 | 33.91426   | (16121406) | 389750.83 |
| 3824979.52 | 34.14551   | (16121406) |            |           |
| 389728.80  | 3824970.26 | 34.11738   | (16121406) | 389706.76 |
| 3824961.00 | 33.83095   | (16121406) |            |           |
| 389684.73  | 3824951.73 | 33.29329   | (16121406) | 389662.70 |
| 3824942.47 | 32.51700   | (16121406) |            |           |
| 389640.67  | 3824933.20 | 31.51940   | (16121406) | 389618.64 |
| 3824923.94 | 30.32284   | (16121406) |            |           |
| 389596.61  | 3824914.67 | 29.42721   | (20020718) | 389574.58 |
| 3824905.41 | 29.48704   | (20020718) |            |           |
| 389552.55  | 3824896.15 | 29.32532   | (20020718) | 389530.52 |
| 3824886.88 | 28.94605   | (20020718) |            |           |
| 389508.49  | 3824877.62 | 28.35823   | (20020718) | 389486.45 |
| 3824868.35 | 28.98262   | (17091023) |            |           |
| 389464.42  | 3824859.09 | 29.57099   | (17091023) | 389442.39 |
| 3824849.82 | 29.94637   | (17091023) |            |           |
| 389420.36  | 3824840.56 | 30.10066   | (17091023) | 389398.33 |
| 3824831.30 | 30.03109   | (17091023) |            |           |
| 389376.30  | 3824822.03 | 29.73964   | (17091023) | 389354.27 |
| 3824812.77 | 29.23332   | (17091023) |            |           |
| 389332.24  | 3824803.50 | 28.52351   | (17091023) | 389310.21 |
| 3824794.24 | 27.62623   | (17091023) |            |           |
| 389288.18  | 3824784.98 | 26.56071   | (17091023) | 389266.14 |
| 3824775.71 | 26.38051   | (20111107) |            |           |
| 389244.11  | 3824766.45 | 27.90776   | (20111107) | 389222.08 |
| 3824757.18 | 29.30615   | (20111107) |            |           |
| 389200.05  | 3824747.92 | 30.54796   | (20111107) | 389178.02 |
| 3824738.65 | 31.60918   | (20111107) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                     | IN MICROGRAMS/M**3 |            |             |
|----------------|---------------------|--------------------|------------|-------------|
| **             |                     |                    |            |             |
| X-COORD (M)    | Y-COORD (M)         | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC                | (YYMMDDHH)         |            |             |
| -----          |                     |                    |            |             |
| 389155.99      | 3824729.39          | 32.46775           | (20111107) | 389133.96   |
| 3824720.13     | 33.10642 (20111107) |                    |            |             |
| 389111.93      | 3824710.86          | 33.51220           | (20111107) | 389089.90   |
| 3824701.60     | 33.67669 (20111107) |                    |            |             |
| 389067.86      | 3824692.33          | 33.59703           | (20111107) | 389045.83   |
| 3824683.07     | 33.27563 (20111107) |                    |            |             |
| 389023.80      | 3824673.80          | 32.71998           | (20111107) | 389001.77   |
| 3824664.54     | 31.94273 (20111107) |                    |            |             |
| 388979.74      | 3824655.28          | 30.96070           | (20111107) | 388957.71   |
| 3824646.01     | 29.79431 (20111107) |                    |            |             |
| 388935.68      | 3824636.75          | 28.46790           | (20111107) | 388913.65   |
| 3824627.48     | 27.00700 (20111107) |                    |            |             |
| 388891.62      | 3824618.22          | 27.71234           | (18011717) | 388869.59   |
| 3824608.95     | 28.89570 (18011717) |                    |            |             |
| 388847.55      | 3824599.69          | 29.91472           | (18011717) | 388825.52   |
| 3824590.43     | 30.74915 (18011717) |                    |            |             |
| 388803.49      | 3824581.16          | 31.38306           | (18011717) | 388781.46   |
| 3824571.90     | 31.80352 (18011717) |                    |            |             |
| 388759.43      | 3824562.63          | 32.00269           | (18011717) | 388737.40   |
| 3824553.37     | 31.97688 (18011717) |                    |            |             |
| 388715.37      | 3824544.10          | 31.72737           | (18011717) | 388693.34   |
| 3824534.84     | 31.26012 (18011717) |                    |            |             |
| 388671.31      | 3824525.58          | 30.58547           | (18011717) | 388649.28   |
| 3824516.31     | 29.71759 (18011717) |                    |            |             |
| 388627.24      | 3824507.05          | 28.67443           | (18011717) | 388605.21   |
| 3824497.78     | 27.47716 (18011717) |                    |            |             |
| 388583.18      | 3824488.52          | 26.14916           | (18011717) | 388561.15   |
| 3824479.25     | 24.71446 (18011717) |                    |            |             |
| 388539.12      | 3824469.99          | 23.66381           | (18121508) | 388517.09   |
| 3824460.73     | 23.56651 (16031907) |                    |            |             |
| 388495.06      | 3824451.46          | 24.28158           | (16031907) | 388473.03   |
| 3824442.20     | 24.84652 (16031907) |                    |            |             |
| 388451.00      | 3824432.93          | 25.25093           | (16031907) | 388428.96   |
| 3824423.67     | 25.48701 (16031907) |                    |            |             |
| 388406.93      | 3824414.40          | 25.55059           | (16031907) | 388384.90   |
| 3824405.14     | 25.44099 (16031907) |                    |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387393.51   | 3823988.25  | 23.82021   | (16112518) | 387371.48   |
| 3823978.98  | 24.09265    | (16112518) |            |             |
| 387349.44   | 3823969.72  | 24.76150   | (17010720) | 387327.41   |
| 3823960.46  | 26.01066    | (17010720) |            |             |
| 387305.38   | 3823951.19  | 27.16049   | (17010720) | 387283.35   |
| 3823941.93  | 28.19256    | (17010720) |            |             |
| 387261.32   | 3823932.66  | 29.09149   | (17010720) | 387239.29   |
| 3823923.40  | 29.84240    | (17010720) |            |             |
| 387207.86   | 3823892.16  | 30.92578   | (17010720) | 387198.47   |
| 3823870.18  | 31.23916    | (17010720) |            |             |
| 387189.07   | 3823848.21  | 31.36765   | (17010720) | 387179.68   |
| 3823826.23  | 31.30826    | (17010720) |            |             |
| 387170.28   | 3823804.26  | 31.06116   | (17010720) | 387160.89   |
| 3823782.28  | 30.63010    | (17010720) |            |             |
| 387151.49   | 3823760.31  | 30.02194   | (17010720) | 387142.10   |
| 3823738.33  | 29.24683    | (17010720) |            |             |
| 387132.70   | 3823716.35  | 28.31725   | (17010720) | 387123.31   |
| 3823694.38  | 27.24958    | (17010720) |            |             |
| 387113.91   | 3823672.40  | 26.05985   | (17010720) | 387104.52   |
| 3823650.43  | 25.84411    | (18091303) |            |             |
| 387095.12   | 3823628.45  | 25.68179   | (18091303) | 387085.73   |
| 3823606.48  | 25.36311    | (18091303) |            |             |
| 387076.33   | 3823584.50  | 24.89285   | (18091303) | 387066.94   |
| 3823562.53  | 24.27960    | (18091303) |            |             |
| 387057.54   | 3823540.55  | 24.20053   | (18111302) | 387048.15   |
| 3823518.57  | 24.53204    | (18111302) |            |             |
| 387038.75   | 3823496.60  | 24.71292   | (18111302) | 387029.36   |
| 3823474.62  | 24.73928    | (18111302) |            |             |
| 387019.96   | 3823452.65  | 24.60994   | (18111302) | 387010.57   |
| 3823430.67  | 24.98048    | (18070504) |            |             |
| 387001.17   | 3823408.70  | 25.83260   | (18070504) | 386991.78   |
| 3823386.72  | 26.54544    | (18070504) |            |             |
| 386982.38   | 3823364.75  | 27.10528   | (18070504) | 386972.99   |
| 3823342.77  | 27.50121    | (18070504) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 386531.42   | 3822309.92  | 32.78315   | (16102117) | 386522.02   |
| 3822287.94  | 33.05063    | (16102117) |            |             |
| 386512.63   | 3822265.97  | 33.08328   | (16102117) | 386503.23   |
| 3822243.99  | 32.87979    | (16102117) |            |             |
| 386493.84   | 3822222.02  | 32.44421   | (16102117) | 386484.44   |
| 3822200.04  | 31.78465    | (16102117) |            |             |
| 386475.05   | 3822178.06  | 32.11431   | (19112102) | 386465.65   |
| 3822156.09  | 32.75220    | (19112102) |            |             |
| 386456.26   | 3822134.11  | 33.16305   | (19112102) | 386446.86   |
| 3822112.14  | 33.33733    | (19112102) |            |             |
| 386437.47   | 3822090.16  | 33.27085   | (19112102) | 386428.07   |
| 3822068.19  | 32.96440    | (19112102) |            |             |
| 386418.68   | 3822046.21  | 32.42408   | (19112102) | 386409.28   |
| 3822024.23  | 31.80482    | (20021308) |            |             |
| 386399.89   | 3822002.26  | 32.57114   | (20021308) | 386390.49   |
| 3821980.28  | 33.11410    | (20021308) |            |             |
| 386381.10   | 3821958.31  | 33.42090   | (20021308) | 386371.70   |
| 3821936.33  | 33.48466    | (20021308) |            |             |
| 386362.31   | 3821914.36  | 33.30343   | (20021308) | 386352.91   |
| 3821892.38  | 32.88042    | (20021308) |            |             |
| 386343.52   | 3821870.41  | 32.22485   | (20021308) | 386334.12   |
| 3821848.43  | 32.35096    | (18022807) |            |             |
| 386324.73   | 3821826.45  | 33.01549   | (18022807) | 386315.33   |
| 3821804.48  | 33.44580    | (18022807) |            |             |
| 386305.94   | 3821782.50  | 33.63222   | (18022807) | 386296.54   |
| 3821760.53  | 33.56998    | (18022807) |            |             |
| 386287.15   | 3821738.55  | 33.26008   | (18022807) | 386277.75   |
| 3821716.58  | 32.70887    | (18022807) |            |             |
| 386268.36   | 3821694.60  | 31.92794   | (18022807) | 386258.96   |
| 3821672.63  | 30.93391    | (18022807) |            |             |
| 386249.57   | 3821650.65  | 29.74736   | (18022807) | 386240.17   |
| 3821628.67  | 29.16365    | (19022323) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 386230.78  | 3821606.70          | 29.20734 | (19022323) | 386221.38 |
| 3821584.72 | 29.34063 (19122817) |          |            |           |
| 386211.99  | 3821562.75          | 30.60528 | (19122817) | 386202.59 |
| 3821540.77 | 31.68681 (19122817) |          |            |           |
| 386193.20  | 3821518.80          | 32.56073 | (19122817) | 386183.80 |
| 3821496.82 | 33.20868 (19122817) |          |            |           |
| 386174.41  | 3821474.85          | 33.61526 | (19122817) | 386165.01 |
| 3821452.87 | 33.77143 (19122817) |          |            |           |
| 386155.62  | 3821430.89          | 33.67309 | (19122817) | 386146.22 |
| 3821408.92 | 33.32211 (19122817) |          |            |           |
| 386136.83  | 3821386.94          | 32.72601 | (19122817) | 386127.43 |
| 3821364.97 | 31.89781 (19122817) |          |            |           |
| 386118.04  | 3821342.99          | 31.84859 | (18120617) | 386108.64 |
| 3821321.02 | 32.33547 (18120617) |          |            |           |
| 386099.25  | 3821299.04          | 32.58156 | (18120617) | 386089.85 |
| 3821277.07 | 32.58081 (18120617) |          |            |           |
| 386080.46  | 3821255.09          | 32.33300 | (18120617) | 386071.06 |
| 3821233.11 | 31.84322 (18120617) |          |            |           |
| 386061.67  | 3821211.14          | 31.12277 | (18120617) | 386052.27 |
| 3821189.16 | 31.92589 (20120617) |          |            |           |
| 386042.88  | 3821167.19          | 32.50554 | (20120617) | 386033.48 |
| 3821145.21 | 32.84403 (20120617) |          |            |           |
| 386024.09  | 3821123.24          | 32.93307 | (20120617) | 386014.69 |
| 3821101.26 | 32.77040 (20120617) |          |            |           |
| 386005.30  | 3821079.29          | 32.35971 | (20120617) | 385995.90 |
| 3821057.31 | 31.73316 (19010818) |          |            |           |
| 385986.51  | 3821035.33          | 32.64559 | (19010818) | 385977.11 |
| 3821013.36 | 33.32728 (19010818) |          |            |           |
| 385967.72  | 3820991.38          | 33.76300 | (19010818) | 385958.32 |
| 3820969.41 | 33.94233 (19010818) |          |            |           |
| 385948.93  | 3820947.43          | 33.86112 | (19010818) | 385939.53 |
| 3820925.46 | 33.52093 (19010818) |          |            |           |
| 385930.14  | 3820903.48          | 32.92932 | (19010818) | 385920.74 |
| 3820881.50 | 32.37029 (17061502) |          |            |           |
| 385911.35  | 3820859.53          | 33.13020 | (17061502) | 385901.95 |
| 3820837.55 | 33.64769 (17061502) |          |            |           |
| 385892.56  | 3820815.58          | 33.91026 | (17061502) | 385883.16 |
| 3820793.60 | 33.91196 (17061502) |          |            |           |
| 385873.77  | 3820771.63          | 33.65262 | (17061502) | 385864.37 |
| 3820749.65 | 33.13772 (17061502) |          |            |           |
| 385854.98  | 3820727.68          | 32.37950 | (17061502) | 385845.58 |
| 3820705.70 | 33.00735 (19110606) |          |            |           |
| 385836.19  | 3820683.72          | 33.60380 | (19110606) | 385826.79 |
| 3820661.75 | 33.94697 (19110606) |          |            |           |
| 385817.40  | 3820639.77          | 34.02910 | (19110606) | 385808.00 |
| 3820617.80 | 33.84803 (19110606) |          |            |           |
| 385798.61  | 3820595.82          | 33.40788 | (19110606) | 385789.21 |
| 3820573.85 | 32.71874 (19110606) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 444

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 385779.82   | 3820551.87          | 31.79601   | (19110606) | 385770.42   |
| 3820529.90  | 30.66051 (19110606) |            |            |             |
| 385761.03   | 3820507.92          | 29.33664   | (19110606) | 385751.63   |
| 3820485.94  | 27.85235 (19110606) |            |            |             |
| 385742.24   | 3820463.97          | 26.23924   | (19110606) | 385732.84   |
| 3820441.99  | 24.52721 (19110606) |            |            |             |
| 385723.44   | 3820420.02          | 25.44067   | (17090904) | 385714.05   |
| 3820398.04  | 26.22369 (17090904) |            |            |             |
| 385704.65   | 3820376.07          | 26.82144   | (17090904) | 385695.26   |
| 3820354.09  | 27.22069 (17090904) |            |            |             |
| 385685.86   | 3820332.12          | 27.41200   | (17090904) | 385676.47   |
| 3820310.14  | 27.39113 (17090904) |            |            |             |
| 385667.07   | 3820288.16          | 27.15837   | (17090904) | 385657.68   |
| 3820266.19  | 26.71944 (17090904) |            |            |             |
| 385648.28   | 3820244.21          | 27.52446   | (18121622) | 385638.89   |
| 3820222.24  | 28.21594 (18121622) |            |            |             |
| 385629.49   | 3820200.26          | 28.70126   | (18121622) | 385620.10   |
| 3820178.29  | 28.96888 (18121622) |            |            |             |
| 385610.70   | 3820156.31          | 29.01291   | (18121622) | 385601.31   |
| 3820134.34  | 29.56074 (16122217) |            |            |             |
| 385591.91   | 3820112.36          | 30.84880   | (16122217) | 385582.52   |
| 3820090.38  | 31.94362 (16122217) |            |            |             |
| 385573.12   | 3820068.41          | 32.82116   | (16122217) | 385563.73   |
| 3820046.43  | 33.46234 (16122217) |            |            |             |
| 385554.33   | 3820024.46          | 33.85224   | (16122217) | 385544.94   |
| 3820002.48  | 33.98230 (16122217) |            |            |             |
| 385535.54   | 3819980.51          | 33.84946   | (16122217) | 385526.15   |
| 3819958.53  | 33.45696 (16122217) |            |            |             |
| 385516.75   | 3819936.55          | 32.81375   | (16122217) | 385507.36   |
| 3819914.58  | 31.93523 (16122217) |            |            |             |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3819870.63 | 385497.96 | 3819892.60 | 32.01681   | (18121517) | 385488.57 |
|            |           | 32.46619   | (18121517) |            |           |
| 3819826.68 | 385479.17 | 3819848.65 | 32.66838   | (18121517) | 385469.78 |
|            |           | 32.61871   | (18121517) |            |           |
| 3819782.73 | 385460.38 | 3819804.70 | 32.31841   | (18121517) | 385450.99 |
|            |           | 31.77492   | (18121517) |            |           |
| 3819738.77 | 385441.59 | 3819760.75 | 32.19077   | (17013018) | 385432.20 |
|            |           | 32.97578   | (17013018) |            |           |
| 3819694.82 | 385422.80 | 3819716.80 | 33.52010   | (17013018) | 385413.41 |
|            |           | 33.81194   | (17013018) |            |           |
| 3819650.87 | 385404.01 | 3819672.85 | 33.84458   | (17013018) | 385394.62 |
|            |           | 33.61764   | (17013018) |            |           |
| 3819606.92 | 385385.22 | 3819628.90 | 33.13656   | (17013018) | 385375.83 |
|            |           | 32.41239   | (17013018) |            |           |
| 3819562.97 | 385366.43 | 3819584.95 | 32.67077   | (18102822) | 385357.04 |
|            |           | 33.29465   | (18102822) |            |           |
| 3819519.02 | 385347.64 | 3819540.99 | 33.67100   | (18102822) | 385338.25 |
|            |           | 33.79148   | (18102822) |            |           |
| 3819475.07 | 385328.85 | 3819497.04 | 33.65372   | (18102822) | 385319.46 |
|            |           | 33.26134   | (18102822) |            |           |
| 3819431.12 | 385310.06 | 3819453.09 | 32.62308   | (18102822) | 385300.67 |
|            |           | 31.75427   | (18102822) |            |           |
| 3819387.17 | 385291.27 | 3819409.14 | 30.67341   | (18102822) | 385281.88 |
|            |           | 29.40524   | (18102822) |            |           |
| 3819343.21 | 385272.48 | 3819365.19 | 27.97528   | (18102822) | 385263.09 |
|            |           | 26.41359   | (18102822) |            |           |
| 3819299.26 | 385253.69 | 3819321.24 | 25.41701   | (20011502) | 385244.30 |
|            |           | 26.35326   | (17111117) |            |           |
| 3819255.31 | 385234.90 | 3819277.29 | 27.20974   | (17111117) | 385225.51 |
|            |           | 27.88175   | (17111117) |            |           |
| 3819211.36 | 385216.11 | 3819233.34 | 28.35429   | (17111117) | 385206.72 |
|            |           | 28.61750   | (17111117) |            |           |
| 3819167.41 | 385197.32 | 3819189.39 | 28.66554   | (17111117) | 385187.93 |
|            |           | 28.49779   | (17111117) |            |           |
| 3819123.46 | 385178.53 | 3819145.43 | 28.11817   | (17111117) | 385169.14 |
|            |           | 28.46744   | (19120417) |            |           |
| 3819079.51 | 385159.74 | 3819101.48 | 29.25796   | (19120417) | 385150.35 |
|            |           | 29.84458   | (19120417) |            |           |
| 3818991.61 | 385140.95 | 3819057.53 | 30.21528   | (19120417) | 385131.56 |
|            |           | 30.36188   | (19120417) |            |           |
| 3818947.65 | 385122.16 | 3819013.58 | 30.28159   | (19120417) | 385112.77 |
|            |           | 29.97675   | (19120417) |            |           |
| 3818815.80 | 385103.37 | 3818969.63 | 30.94997   | (16012605) | 385093.98 |
|            |           | 31.91094   | (16012605) |            |           |
| 3818859.75 | 385084.58 | 3818925.68 | 32.65669   | (16012605) | 385075.19 |
|            |           | 33.17205   | (16012605) |            |           |
| 3818815.80 | 385065.79 | 3818881.73 | 33.44573   | (16012605) | 385056.40 |
|            |           | 33.47245   | (16012605) |            |           |
| 3818815.80 | 385047.00 | 3818837.78 | 33.25198   | (16012605) | 385037.61 |
|            |           | 32.78964   | (16012605) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 445

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|----------|------------|-------------|
|            | Y-COORD (M) | CONC        |          | (YYMMDDHH) |             |
|            | 385028.21   | 3818793.82  | 32.09592 | (16012605) | 385018.82   |
| 3818771.85 | 31.18685    | (16012605)  |          |            |             |
|            | 385009.42   | 3818749.87  | 30.95308 | (17121517) | 385000.03   |
| 3818727.90 | 31.32130    | (17121517)  |          |            |             |
|            | 384990.63   | 3818705.92  | 31.46196 | (17121517) | 384981.24   |
| 3818683.95 | 31.37239    | (17121517)  |          |            |             |
|            | 384971.84   | 3818661.97  | 31.05490 | (17121517) | 384962.45   |
| 3818640.00 | 30.58605    | (16111417)  |          |            |             |
|            | 384953.05   | 3818618.02  | 31.52673 | (16111417) | 384943.66   |
| 3818596.04 | 32.25966    | (16111417)  |          |            |             |
|            | 384934.26   | 3818574.07  | 32.76966 | (16111417) | 384924.87   |
| 3818552.09 | 33.04677    | (16111417)  |          |            |             |
|            | 384915.47   | 3818530.12  | 33.08528 | (16111417) | 384906.08   |
| 3818508.14 | 32.88507    | (16111417)  |          |            |             |
|            | 384896.68   | 3818486.17  | 32.45105 | (16111417) | 384887.29   |
| 3818464.19 | 31.79289    | (16111417)  |          |            |             |
|            | 384877.89   | 3818442.22  | 30.92534 | (16111417) | 384868.50   |
| 3818420.24 | 29.85671    | (16111417)  |          |            |             |
|            | 384859.10   | 3818398.26  | 28.63618 | (16111417) | 384849.71   |
| 3818376.29 | 27.25593    | (16111417)  |          |            |             |
|            | 384840.31   | 3818354.31  | 27.74029 | (17011704) | 384830.92   |
| 3818332.34 | 28.80614    | (17011704)  |          |            |             |
|            | 384821.52   | 3818310.36  | 29.87166 | (17011704) | 384812.13   |
| 3818288.39 | 30.87062    | (17011704)  |          |            |             |
|            | 384802.73   | 3818266.41  | 31.69551 | (17011704) | 384793.34   |
| 3818244.44 | 32.27511    | (17011704)  |          |            |             |
|            | 384783.94   | 3818222.46  | 32.52956 | (17011704) | 384774.55   |
| 3818200.48 | 32.62659    | (17011704)  |          |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3818156.53 | 384765.15 | 3818178.51 | 32.76797   | (17011704) | 384755.75 |
|            |           | 32.40663   | (17011704) |            |           |
|            | 384746.36 | 3818134.56 | 31.82600   | (17011704) | 384736.96 |
| 3818112.58 |           | 31.03802   | (17011704) |            |           |
|            | 384727.57 | 3818090.61 | 30.06007   | (17011704) | 384718.17 |
| 3818068.63 |           | 28.91105   | (17011704) |            |           |
|            | 384708.78 | 3818046.66 | 29.04927   | (18030604) | 384699.38 |
| 3818024.68 |           | 29.07821   | (18030604) |            |           |
|            | 384689.99 | 3818002.70 | 28.90634   | (18030604) | 384680.59 |
| 3817980.73 |           | 28.53791   | (18030604) |            |           |
|            | 384671.20 | 3817958.75 | 27.92698   | (18030604) | 384661.80 |
| 3817936.78 |           | 28.45716   | (17030222) |            |           |
|            | 384652.41 | 3817914.80 | 29.08454   | (17030222) | 384643.01 |
| 3817892.83 |           | 29.61466   | (17030222) |            |           |
|            | 384633.62 | 3817870.85 | 29.86704   | (17030222) | 384624.22 |
| 3817848.87 |           | 29.88285   | (17030222) |            |           |
|            | 384614.83 | 3817826.90 | 29.66696   | (17030222) | 384605.43 |
| 3817804.92 |           | 29.35143   | (19011117) |            |           |
|            | 384596.04 | 3817782.95 | 29.42260   | (19011117) | 384586.64 |
| 3817760.97 |           | 29.09509   | (19011117) |            |           |
|            | 384577.25 | 3817739.00 | 28.68392   | (19011117) | 384567.85 |
| 3817717.02 |           | 28.40731   | (19011117) |            |           |
|            | 384558.46 | 3817695.05 | 28.36006   | (19011117) | 384549.06 |
| 3817673.07 |           | 28.43104   | (19011117) |            |           |
|            | 384539.67 | 3817651.09 | 28.36159   | (19011117) | 384530.27 |
| 3817629.12 |           | 27.95541   | (19011117) |            |           |
|            | 384520.88 | 3817607.14 | 27.42859   | (19011117) | 384511.48 |
| 3817585.17 |           | 26.68778   | (19011117) |            |           |
|            | 384502.09 | 3817563.19 | 25.71796   | (19011117) | 384492.69 |
| 3817541.22 |           | 24.16344   | (19011117) |            |           |
|            | 384483.30 | 3817519.24 | 22.67024   | (19011117) | 384473.90 |
| 3817497.27 |           | 21.73007   | (19120324) |            |           |
|            | 384464.51 | 3817475.29 | 21.92211   | (19120324) | 384455.11 |
| 3817453.31 |           | 22.52246   | (19120324) |            |           |
|            | 384445.72 | 3817431.34 | 22.99804   | (19120324) | 384436.32 |
| 3817409.36 |           | 23.07604   | (16111707) |            |           |
|            | 384426.93 | 3817387.39 | 23.49222   | (16111707) | 384417.53 |
| 3817365.41 |           | 23.76161   | (16111707) |            |           |
|            | 384408.14 | 3817343.44 | 23.87940   | (16111707) | 384398.74 |
| 3817321.46 |           | 23.84397   | (16111707) |            |           |
|            | 384389.35 | 3817299.49 | 24.08555   | (18111703) | 384379.95 |
| 3817277.51 |           | 25.00472   | (18111703) |            |           |
|            | 384370.56 | 3817255.53 | 25.79282   | (18111703) | 384361.16 |
| 3817233.56 |           | 26.43589   | (18111703) |            |           |
|            | 384351.77 | 3817211.58 | 26.90567   | (18111703) | 384342.37 |
| 3817189.61 |           | 26.48286   | (18111703) |            |           |
|            | 384332.98 | 3817167.63 | 25.88464   | (18111703) | 384323.58 |
| 3817145.66 |           | 25.16725   | (18111703) |            |           |
|            | 384314.19 | 3817123.68 | 24.34747   | (18111703) | 384304.79 |
| 3817101.71 |           | 23.64393   | (16062705) |            |           |

384295.40 3817079.73 23.27387 (16062705) 384286.00  
 3817057.75 23.39171 (16062705)  
 ^ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 446

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 384276.61   | 3817035.78  | 23.43518   | (16062705) | 384267.21   |
| 3817013.80  | 24.01577    | (16062705) |            |             |
| 384257.82   | 3816991.83  | 24.87984   | (16062705) | 384248.42   |
| 3816969.85  | 25.38678    | (16062705) |            |             |
| 384239.03   | 3816947.88  | 25.31693   | (16062705) | 384229.63   |
| 3816925.90  | 24.89643    | (16062705) |            |             |
| 384220.24   | 3816903.93  | 23.85102   | (16062705) | 384210.84   |
| 3816881.95  | 22.76848    | (19120217) |            |             |
| 384201.45   | 3816859.97  | 23.74819   | (19120217) | 384192.05   |
| 3816838.00  | 24.85554    | (19120217) |            |             |
| 384182.66   | 3816816.02  | 25.02712   | (19120217) | 384173.26   |
| 3816794.05  | 24.63395    | (19120217) |            |             |
| 384163.87   | 3816772.07  | 24.11754   | (19120217) | 384154.47   |
| 3816750.10  | 25.00728    | (19120217) |            |             |
| 384145.08   | 3816728.12  | 26.40308   | (19120217) | 384135.68   |
| 3816706.14  | 27.04072    | (19120217) |            |             |
| 384126.29   | 3816684.17  | 27.47341   | (17011306) | 394487.50   |
| 3826971.34  | 5.90030     | (17113008) |            |             |
| 394511.43   | 3826971.67  | 5.43737    | (17113008) | 394535.36   |
| 3826972.00  | 5.25180     | (17113008) |            |             |
| 394559.29   | 3826972.32  | 5.05702    | (17113008) | 394583.22   |
| 3826972.65  | 4.74221     | (18021708) |            |             |
| 394607.16   | 3826972.98  | 4.47394    | (18021708) | 394631.09   |
| 3826973.31  | 4.21969     | (18021708) |            |             |
| 394655.02   | 3826973.63  | 3.99950    | (19112822) | 394678.95   |
| 3826973.96  | 3.91308     | (19112822) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394702.88  | 3826974.29         | 3.73881 | (19112822) | 394726.81 |
| 3826974.62 | 3.73267 (16092707) |         |            |           |
| 394750.74  | 3826974.95         | 3.72606 | (16092707) | 394774.67 |
| 3826975.27 | 3.72522 (16092707) |         |            |           |
| 394798.60  | 3826975.60         | 3.72519 | (16092707) | 394822.54 |
| 3826975.93 | 3.68748 (16092707) |         |            |           |
| 394846.47  | 3826976.26         | 3.59939 | (16092707) | 394870.40 |
| 3826976.58 | 3.58327 (16092707) |         |            |           |
| 394894.33  | 3826976.91         | 3.60690 | (16092707) | 394918.26 |
| 3826977.24 | 3.54879 (16092707) |         |            |           |
| 394447.22  | 3828295.29         | 2.80788 | (18021708) | 394425.20 |
| 3828286.03 | 2.86154 (18021708) |         |            |           |
| 394403.17  | 3828276.77         | 2.90237 | (18021708) | 394381.15 |
| 3828267.51 | 2.93386 (18021708) |         |            |           |
| 394359.13  | 3828258.25         | 2.96331 | (18021708) | 394337.11 |
| 3828248.99 | 2.99255 (18021708) |         |            |           |
| 394315.09  | 3828239.73         | 3.01495 | (18021708) | 394293.07 |
| 3828230.47 | 3.02760 (18021708) |         |            |           |
| 394271.05  | 3828221.21         | 3.03425 | (18021708) | 394249.02 |
| 3828211.95 | 3.03993 (18021708) |         |            |           |
| 394227.00  | 3828202.69         | 3.04146 | (18021708) | 394204.98 |
| 3828193.43 | 3.04117 (18021708) |         |            |           |
| 394182.96  | 3828184.17         | 3.03003 | (18021708) | 394160.94 |
| 3828174.91 | 3.01202 (18021708) |         |            |           |
| 394138.92  | 3828165.65         | 2.98418 | (18021708) | 394116.90 |
| 3828156.38 | 2.98092 (18021708) |         |            |           |
| 394094.87  | 3828147.12         | 2.96115 | (18021708) | 394072.85 |
| 3828137.86 | 2.91678 (18021708) |         |            |           |
| 394050.83  | 3828128.60         | 2.86892 | (18021708) | 394028.81 |
| 3828119.34 | 2.81953 (18021708) |         |            |           |
| 394006.79  | 3828110.08         | 2.77764 | (18021308) | 393984.77 |
| 3828100.82 | 2.76784 (18021308) |         |            |           |
| 393962.75  | 3828091.56         | 2.75297 | (18021308) | 393940.72 |
| 3828082.30 | 2.72772 (18021308) |         |            |           |
| 393918.70  | 3828073.04         | 2.70327 | (18021308) | 393896.68 |
| 3828063.78 | 2.67301 (18021308) |         |            |           |
| 393874.66  | 3828054.52         | 2.63744 | (18021308) | 393852.64 |
| 3828045.26 | 2.59802 (18021308) |         |            |           |
| 393830.62  | 3828036.00         | 2.54535 | (18021308) | 393808.60 |
| 3828026.74 | 2.49046 (18021308) |         |            |           |
| 393786.57  | 3828017.48         | 2.46324 | (18013017) | 393764.55 |
| 3828008.22 | 2.49373 (18013017) |         |            |           |
| 393742.53  | 3827998.96         | 2.51890 | (18013017) | 393720.51 |
| 3827989.70 | 2.53464 (18013017) |         |            |           |
| 393698.49  | 3827980.44         | 2.55162 | (18013017) | 393676.47 |
| 3827971.18 | 2.56559 (18013017) |         |            |           |
| 393654.44  | 3827961.92         | 2.58284 | (18013017) | 393632.42 |
| 3827952.66 | 2.60336 (18013017) |         |            |           |
| 393610.40  | 3827943.40         | 2.62216 | (18013017) | 393588.38 |
| 3827934.14 | 2.62841 (18013017) |         |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393478.27   | 3827887.84         | 2.51893    | (17060506) | 393456.25   |
| 3827878.58  | 2.52813 (17060506) |            |            |             |
| 393434.23   | 3827869.32         | 2.53110    | (17060506) | 393412.21   |
| 3827860.06  | 2.55285 (17060506) |            |            |             |
| 393390.19   | 3827850.80         | 2.57307    | (17060506) | 393368.17   |
| 3827841.54  | 3.83197 (16091507) |            |            |             |
| 393346.14   | 3827832.28         | 3.80547    | (16091507) | 393324.12   |
| 3827823.02  | 3.77386 (16091507) |            |            |             |
| 393302.10   | 3827813.76         | 3.73725    | (16091507) | 393280.08   |
| 3827804.50  | 3.69578 (16091507) |            |            |             |
| 393258.06   | 3827795.24         | 3.64959    | (16091507) | 393236.04   |
| 3827785.98  | 3.59886 (16091507) |            |            |             |
| 393214.02   | 3827776.72         | 3.54378    | (16091507) | 393191.99   |
| 3827767.46  | 3.48454 (16091507) |            |            |             |
| 393169.97   | 3827758.19         | 3.42140    | (16091507) | 393147.95   |
| 3827748.93  | 3.35458 (16091507) |            |            |             |
| 393125.93   | 3827739.67         | 3.28432    | (16091507) | 393103.91   |
| 3827730.41  | 3.21089 (16091507) |            |            |             |
| 393081.89   | 3827721.15         | 3.13454    | (16091507) | 393059.87   |
| 3827711.89  | 3.05557 (16091507) |            |            |             |
| 393037.84   | 3827702.63         | 3.03265    | (19071206) | 393015.82   |
| 3827693.37  | 2.99959 (19071206) |            |            |             |
| 392993.80   | 3827684.11         | 2.98959    | (19071206) | 392971.78   |
| 3827674.85  | 2.98371 (19071206) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392949.76  | 3827665.59         | 2.94535 | (19071206) | 392927.74 |
| 3827656.33 | 2.89422 (19071206) |         |            |           |
| 392905.72  | 3827647.07         | 2.89461 | (19092107) | 392883.69 |
| 3827637.81 | 2.96688 (19092107) |         |            |           |
| 392861.67  | 3827628.55         | 3.03648 | (19092107) | 392839.65 |
| 3827619.29 | 3.10324 (19092107) |         |            |           |
| 392817.63  | 3827610.03         | 3.16692 | (19092107) | 392795.61 |
| 3827600.77 | 3.22721 (19092107) |         |            |           |
| 392773.59  | 3827591.51         | 3.28383 | (19092107) | 392751.56 |
| 3827582.25 | 3.33660 (19092107) |         |            |           |
| 392729.54  | 3827572.99         | 3.38530 | (19092107) | 392707.52 |
| 3827563.73 | 3.42970 (19092107) |         |            |           |
| 392685.50  | 3827554.47         | 3.46948 | (19092107) | 392663.48 |
| 3827545.21 | 3.50464 (19092107) |         |            |           |
| 392641.46  | 3827535.95         | 3.53499 | (19092107) | 392619.44 |
| 3827526.69 | 3.56030 (19092107) |         |            |           |
| 392597.41  | 3827517.43         | 3.58046 | (19092107) | 392575.39 |
| 3827508.17 | 3.59541 (19092107) |         |            |           |
| 392553.37  | 3827498.91         | 3.60513 | (19092107) | 392531.35 |
| 3827489.65 | 3.60948 (19092107) |         |            |           |
| 392509.33  | 3827480.39         | 3.60837 | (19092107) | 392487.31 |
| 3827471.13 | 3.60194 (19092107) |         |            |           |
| 392465.29  | 3827461.87         | 3.59017 | (19092107) | 392443.26 |
| 3827452.61 | 3.57307 (19092107) |         |            |           |
| 392421.24  | 3827443.35         | 3.55072 | (19092107) | 392399.22 |
| 3827434.09 | 3.52321 (19092107) |         |            |           |
| 392377.20  | 3827424.83         | 3.49073 | (19092107) | 392355.18 |
| 3827415.57 | 3.45343 (19092107) |         |            |           |
| 392333.16  | 3827406.31         | 3.73433 | (17021123) | 392311.14 |
| 3827397.05 | 3.63630 (17021123) |         |            |           |
| 392289.11  | 3827387.79         | 3.33529 | (16100707) | 392267.09 |
| 3827378.53 | 3.25708 (19092107) |         |            |           |
| 392245.07  | 3827369.27         | 3.19751 | (19092107) | 392223.05 |
| 3827360.00 | 3.13420 (19092107) |         |            |           |
| 392201.03  | 3827350.74         | 3.06747 | (19092107) | 392179.01 |
| 3827341.48 | 2.99759 (19092107) |         |            |           |
| 392156.99  | 3827332.22         | 2.92483 | (19092107) | 392134.96 |
| 3827322.96 | 2.84940 (19092107) |         |            |           |
| 392112.94  | 3827313.70         | 2.83648 | (17060206) | 392090.92 |
| 3827304.44 | 2.87775 (17060206) |         |            |           |
| 392068.90  | 3827295.18         | 2.91539 | (17060206) | 392046.88 |
| 3827285.92 | 2.95049 (17060206) |         |            |           |
| 392024.86  | 3827276.66         | 2.97500 | (17060206) | 392002.84 |
| 3827267.40 | 3.03262 (17060206) |         |            |           |
| 391980.81  | 3827258.14         | 3.08089 | (17060206) | 391958.79 |
| 3827248.88 | 3.05755 (17060206) |         |            |           |
| 391936.77  | 3827239.62         | 3.00620 | (17060206) | 391914.75 |
| 3827230.36 | 2.99836 (17060206) |         |            |           |
| 391892.73  | 3827221.10         | 2.98448 | (17060206) | 391870.71 |
| 3827211.84 | 3.06176 (19110502) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391848.69  | 3827202.58         | 3.53719 | (19110502) | 391826.66 |
| 3827193.32 | 4.42326 (19110502) |         |            |           |
| 391804.64  | 3827184.06         | 5.53634 | (19110502) | 391782.62 |
| 3827174.80 | 6.35076 (19110502) |         |            |           |
| 391760.60  | 3827165.54         | 6.70590 | (19110502) | 391738.58 |
| 3827156.28 | 7.21393 (19110502) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 448

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 391716.56   | 3827147.02         | 7.57123    | (19110502) | 391694.53   |
| 3827137.76  | 7.89361 (16032003) |            |            |             |
| 391672.51   | 3827128.50         | 8.45431    | (16032003) | 391650.49   |
| 3827119.24  | 8.86831 (16032003) |            |            |             |
| 391628.47   | 3827109.98         | 9.03568    | (16032003) | 391606.45   |
| 3827100.72  | 9.02248 (16032003) |            |            |             |
| 391584.43   | 3827091.46         | 9.15577    | (16032003) | 391562.41   |
| 3827082.20  | 9.25808 (16032003) |            |            |             |
| 391540.38   | 3827072.94         | 9.03737    | (16032003) | 391518.36   |
| 3827063.68  | 9.06389 (19122402) |            |            |             |
| 391496.34   | 3827054.42         | 9.30560    | (19122402) | 391474.32   |
| 3827045.16  | 9.35507 (19122402) |            |            |             |
| 391452.30   | 3827035.90         | 9.07108    | (19122402) | 391430.28   |
| 3827026.64  | 8.93349 (19122402) |            |            |             |
| 391408.26   | 3827017.38         | 9.45205    | (19122402) | 391386.23   |
| 3827008.12  | 9.68488 (19122402) |            |            |             |
| 391364.21   | 3826998.86         | 9.68375    | (19122402) | 391342.19   |
| 3826989.60  | 9.50393 (19122402) |            |            |             |
| 391320.17   | 3826980.34         | 9.27435    | (19122402) | 391298.15   |
| 3826971.07  | 9.00242 (17011408) |            |            |             |
| 391276.13   | 3826961.81         | 9.04702    | (17011408) | 391254.11   |
| 3826952.55  | 8.98961 (17011408) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391232.08  | 3826943.29          | 8.92158  | (17011408) | 391210.06 |
| 3826934.03 | 8.83613 (17011408)  |          |            |           |
| 391188.04  | 3826924.77          | 8.64033  | (17011408) | 391166.02 |
| 3826915.51 | 8.37757 (17011408)  |          |            |           |
| 391144.00  | 3826906.25          | 8.39702  | (16022306) | 391121.98 |
| 3826896.99 | 8.57826 (16022306)  |          |            |           |
| 391099.96  | 3826887.73          | 8.71661  | (16022306) | 391077.93 |
| 3826878.47 | 8.81885 (16022306)  |          |            |           |
| 391055.91  | 3826869.21          | 8.86343  | (16022306) | 391033.89 |
| 3826859.95 | 8.83507 (16022306)  |          |            |           |
| 391011.87  | 3826850.69          | 9.09373  | (20122117) | 390989.85 |
| 3826841.43 | 9.34243 (20122117)  |          |            |           |
| 390967.83  | 3826832.17          | 9.54304  | (20122117) | 390945.81 |
| 3826822.91 | 9.86810 (20122117)  |          |            |           |
| 390923.78  | 3826813.65          | 10.09638 | (20122117) | 390901.76 |
| 3826804.39 | 10.24788 (20122117) |          |            |           |
| 390879.74  | 3826795.13          | 10.33708 | (20122117) | 390857.72 |
| 3826785.87 | 10.36004 (20122117) |          |            |           |
| 390835.70  | 3826776.61          | 10.30750 | (20122117) | 390813.68 |
| 3826767.35 | 10.17851 (20122117) |          |            |           |
| 390791.65  | 3826758.09          | 9.97593  | (20122117) | 390769.63 |
| 3826748.83 | 9.84863 (20091423)  |          |            |           |
| 390747.61  | 3826739.57          | 10.00367 | (20091423) | 390725.59 |
| 3826730.31 | 10.12105 (20091423) |          |            |           |
| 390703.57  | 3826721.05          | 10.23247 | (20091423) | 390681.55 |
| 3826711.79 | 10.27206 (20091423) |          |            |           |
| 390659.53  | 3826702.53          | 10.23703 | (20091423) | 390637.50 |
| 3826693.27 | 10.37509 (18100905) |          |            |           |
| 390615.48  | 3826684.01          | 10.81967 | (18100905) | 390593.46 |
| 3826674.75 | 11.18746 (18100905) |          |            |           |
| 390571.44  | 3826665.49          | 11.44742 | (18100905) | 390549.42 |
| 3826656.23 | 11.60145 (18100905) |          |            |           |
| 390527.40  | 3826646.97          | 11.64102 | (18100905) | 390505.38 |
| 3826637.71 | 11.55159 (18100905) |          |            |           |
| 390483.35  | 3826628.45          | 11.48801 | (18100905) | 390461.33 |
| 3826619.19 | 11.44879 (18100905) |          |            |           |
| 390439.31  | 3826609.93          | 11.33958 | (18100905) | 390417.29 |
| 3826600.67 | 11.09446 (18100905) |          |            |           |
| 390395.27  | 3826591.41          | 10.76012 | (18100905) | 390373.25 |
| 3826582.15 | 10.62355 (20032003) |          |            |           |
| 390351.23  | 3826572.88          | 10.97327 | (20022707) | 390329.20 |
| 3826563.62 | 11.59175 (20022707) |          |            |           |
| 390307.18  | 3826554.36          | 12.16149 | (20022707) | 390285.16 |
| 3826545.10 | 12.67484 (20022707) |          |            |           |
| 390263.14  | 3826535.84          | 13.12501 | (20022707) | 390241.12 |
| 3826526.58 | 13.50640 (20022707) |          |            |           |
| 390219.10  | 3826517.32          | 13.80965 | (20022707) | 390197.08 |
| 3826508.06 | 13.88248 (20022707) |          |            |           |
| 390175.05  | 3826498.80          | 14.03655 | (20022707) | 390153.03 |
| 3826489.54 | 14.28184 (20022707) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390131.01  | 3826480.28 | 14.29273   | (20022707) | 390108.99 |
| 3826471.02 | 14.18332   | (20022707) |            |           |
| 390086.97  | 3826461.76 | 13.98177   | (20022707) | 390064.95 |
| 3826452.50 | 13.69936   | (20022707) |            |           |
| 390042.93  | 3826443.24 | 13.34574   | (20022707) | 390020.90 |
| 3826433.98 | 13.39306   | (18032001) |            |           |
| 389998.88  | 3826424.72 | 13.55866   | (18032001) | 389976.86 |
| 3826415.46 | 13.63582   | (18032001) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 449

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 389954.84   | 3826406.20  | 14.12281   | (20011802) | 389932.82   |
| 3826396.94  | 14.79323    | (20011802) |            |             |
| 389910.80   | 3826387.68  | 15.45713   | (20011802) | 389888.77   |
| 3826378.42  | 15.80899    | (20011802) |            |             |
| 389866.75   | 3826369.16  | 15.89043   | (20011802) | 389844.73   |
| 3826359.90  | 16.38843    | (20011802) |            |             |
| 389822.71   | 3826350.64  | 16.69955   | (20011802) | 389800.69   |
| 3826341.38  | 16.81067    | (20011802) |            |             |
| 389778.67   | 3826332.12  | 16.82503   | (20011802) | 389756.65   |
| 3826322.86  | 16.73689    | (20011802) |            |             |
| 389734.62   | 3826313.60  | 16.53985   | (20011802) | 389712.60   |
| 3826304.34  | 16.91493    | (19120105) |            |             |
| 389690.58   | 3826295.08  | 17.36082   | (19120105) | 389668.56   |
| 3826285.82  | 17.71573    | (19120105) |            |             |
| 389646.54   | 3826276.56  | 17.96251   | (19120105) | 389624.52   |
| 3826267.30  | 18.09661    | (19120105) |            |             |
| 389602.50   | 3826258.04  | 18.12375   | (19120105) | 389580.47   |
| 3826248.78  | 18.02981    | (19120105) |            |             |
| 389558.45   | 3826239.52  | 17.79873   | (19120105) | 389536.43   |
| 3826230.26  | 17.66319    | (19120504) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389514.41  | 3826221.00          | 18.09590 | (19120504) | 389492.39 |
| 3826211.74 | 18.45144 (19120504) |          |            |           |
| 389470.37  | 3826202.48          | 18.71900 | (19120504) | 389448.35 |
| 3826193.22 | 18.88075 (19120504) |          |            |           |
| 389426.32  | 3826183.96          | 18.92309 | (19120504) | 389404.30 |
| 3826174.69 | 18.85845 (19120504) |          |            |           |
| 389382.28  | 3826165.43          | 18.73106 | (19120504) | 389360.26 |
| 3826156.17 | 19.00202 (17031323) |          |            |           |
| 389338.24  | 3826146.91          | 19.70050 | (17031323) | 389316.22 |
| 3826137.65 | 20.08828 (17031323) |          |            |           |
| 389294.20  | 3826128.39          | 20.26004 | (17031323) | 389272.17 |
| 3826119.13 | 20.51048 (17031323) |          |            |           |
| 389250.15  | 3826109.87          | 20.61303 | (17031323) | 389228.13 |
| 3826100.61 | 20.61164 (17031323) |          |            |           |
| 389206.11  | 3826091.35          | 20.53398 | (17031323) | 389184.09 |
| 3826082.09 | 20.79575 (16121406) |          |            |           |
| 389162.07  | 3826072.83          | 21.87490 | (16121406) | 389140.05 |
| 3826063.57 | 23.32756 (16121406) |          |            |           |
| 389118.02  | 3826054.31          | 25.20343 | (16121406) | 389096.00 |
| 3826045.05 | 27.00869 (16121406) |          |            |           |
| 389073.98  | 3826035.79          | 28.39773 | (16121406) | 389051.96 |
| 3826026.53 | 29.08406 (16121406) |          |            |           |
| 389029.94  | 3826017.27          | 28.61479 | (16121406) | 389007.92 |
| 3826008.01 | 27.98085 (16121406) |          |            |           |
| 388985.89  | 3825998.75          | 26.41075 | (16121406) | 388963.87 |
| 3825989.49 | 24.43201 (16121406) |          |            |           |
| 388941.85  | 3825980.23          | 23.41421 | (20020718) | 388919.83 |
| 3825970.97 | 23.43190 (20020718) |          |            |           |
| 388897.81  | 3825961.71          | 23.70217 | (20020718) | 388875.79 |
| 3825952.45 | 23.95311 (20020718) |          |            |           |
| 388853.77  | 3825943.19          | 23.89351 | (20020718) | 388831.74 |
| 3825933.93 | 23.60163 (20020718) |          |            |           |
| 388809.72  | 3825924.67          | 24.58518 | (17091023) | 388787.70 |
| 3825915.41 | 25.49336 (17091023) |          |            |           |
| 388765.68  | 3825906.15          | 25.80587 | (17091023) | 388743.66 |
| 3825896.89 | 25.96448 (17091023) |          |            |           |
| 388721.64  | 3825887.63          | 25.96663 | (17091023) | 388699.62 |
| 3825878.37 | 25.81260 (17091023) |          |            |           |
| 388677.59  | 3825869.11          | 25.50532 | (17091023) | 388655.57 |
| 3825859.85 | 25.05082 (17091023) |          |            |           |
| 388633.55  | 3825850.59          | 24.45732 | (17091023) | 388611.53 |
| 3825841.33 | 23.73541 (17091023) |          |            |           |
| 388589.51  | 3825832.07          | 22.89763 | (17091023) | 388567.49 |
| 3825822.81 | 22.40054 (20111107) |          |            |           |
| 388545.47  | 3825813.55          | 23.61506 | (20111107) | 388523.44 |
| 3825804.29 | 24.74685 (20111107) |          |            |           |
| 388501.42  | 3825795.03          | 25.77765 | (20111107) | 388479.40 |
| 3825785.77 | 26.69150 (20111107) |          |            |           |
| 388457.38  | 3825776.50          | 27.47375 | (20111107) | 388435.36 |
| 3825767.24 | 28.11108 (20111107) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388413.34  | 3825757.98 | 28.59312   | (20111107) | 388391.32 |
| 3825748.72 | 28.91187   | (20111107) |            |           |
| 388369.29  | 3825739.46 | 29.06214   | (20111107) | 388347.27 |
| 3825730.20 | 29.04160   | (20111107) |            |           |
| 388325.25  | 3825720.94 | 28.85108   | (20111107) | 388303.23 |
| 3825711.68 | 28.49433   | (20111107) |            |           |
| 388281.21  | 3825702.42 | 27.97793   | (20111107) | 388259.19 |
| 3825693.16 | 27.31110   | (20111107) |            |           |
| 388237.17  | 3825683.90 | 26.50548   | (20111107) | 388215.14 |
| 3825674.64 | 25.57435   | (20111107) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 450

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388193.12   | 3825665.38  | 24.53372   | (20111107) | 388171.10   |
| 3825656.12  | 23.39983    | (20111107) |            |             |
| 388149.08   | 3825646.86  | 23.51670   | (18011717) | 388127.06   |
| 3825637.60  | 24.48452    | (18011717) |            |             |
| 388105.04   | 3825628.34  | 25.34459   | (18011717) | 388083.01   |
| 3825619.08  | 26.08361    | (18011717) |            |             |
| 388060.99   | 3825609.82  | 26.68932   | (18011717) | 388038.97   |
| 3825600.56  | 27.15227    | (18011717) |            |             |
| 388016.95   | 3825591.30  | 27.46505   | (18011717) | 387994.93   |
| 3825582.04  | 27.62276    | (18011717) |            |             |
| 387972.91   | 3825572.78  | 27.62312   | (18011717) | 387950.89   |
| 3825563.52  | 27.46656    | (18011717) |            |             |
| 387928.86   | 3825554.26  | 27.15602   | (18011717) | 387906.84   |
| 3825545.00  | 26.69738    | (18011717) |            |             |
| 387884.82   | 3825535.74  | 26.09860   | (18011717) | 387862.80   |
| 3825526.48  | 25.36988    | (18011717) |            |             |
| 387840.78   | 3825517.22  | 24.52329   | (18011717) | 387818.76   |
| 3825507.96  | 23.57247    | (18011717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387796.74  | 3825498.70 | 22.53221   | (18011717) | 387774.71 |
| 3825489.44 | 21.41773   | (18011717) |            |           |
| 387752.69  | 3825480.18 | 20.47081   | (18121508) | 387730.67 |
| 3825470.92 | 20.20635   | (18121508) |            |           |
| 387708.65  | 3825461.66 | 20.60745   | (16031907) | 387686.63 |
| 3825452.40 | 21.11947   | (16031907) |            |           |
| 387664.61  | 3825443.14 | 21.52395   | (16031907) | 387642.59 |
| 3825433.88 | 21.81468   | (16031907) |            |           |
| 387620.56  | 3825424.62 | 21.98728   | (16031907) | 387598.54 |
| 3825415.36 | 22.03918   | (16031907) |            |           |
| 387576.52  | 3825406.10 | 21.96996   | (16031907) | 387554.50 |
| 3825396.84 | 21.78113   | (16031907) |            |           |
| 387532.48  | 3825387.58 | 21.47613   | (16031907) | 387510.46 |
| 3825378.31 | 21.06013   | (16031907) |            |           |
| 387488.44  | 3825369.05 | 20.54031   | (16031907) | 387466.41 |
| 3825359.79 | 19.92480   | (16031907) |            |           |
| 387444.39  | 3825350.53 | 19.22377   | (16031907) | 387422.37 |
| 3825341.27 | 20.02567   | (19062704) |            |           |
| 387400.35  | 3825332.01 | 21.04090   | (19062704) | 387378.33 |
| 3825322.75 | 21.98758   | (19062704) |            |           |
| 387356.31  | 3825313.49 | 22.85253   | (19062704) | 387334.29 |
| 3825304.23 | 23.62343   | (19062704) |            |           |
| 387312.26  | 3825294.97 | 24.28929   | (19062704) | 387290.24 |
| 3825285.71 | 24.83992   | (19062704) |            |           |
| 387268.22  | 3825276.45 | 25.26744   | (19062704) | 387246.20 |
| 3825267.19 | 25.56559   | (19062704) |            |           |
| 387224.18  | 3825257.93 | 25.73011   | (19062704) | 387202.16 |
| 3825248.67 | 25.75886   | (19062704) |            |           |
| 387180.13  | 3825239.41 | 25.65177   | (19062704) | 387158.11 |
| 3825230.15 | 25.41109   | (19062704) |            |           |
| 387136.09  | 3825220.89 | 25.04100   | (19062704) | 387114.07 |
| 3825211.63 | 24.54766   | (19062704) |            |           |
| 387092.05  | 3825202.37 | 23.93903   | (19062704) | 387070.03 |
| 3825193.11 | 23.22461   | (19062704) |            |           |
| 387048.01  | 3825183.85 | 22.41524   | (19062704) | 387025.98 |
| 3825174.59 | 21.52250   | (19062704) |            |           |
| 387003.96  | 3825165.33 | 20.55967   | (19062704) | 386981.94 |
| 3825156.07 | 20.38331   | (20010717) |            |           |
| 386959.92  | 3825146.81 | 21.17082   | (20010717) | 386937.90 |
| 3825137.55 | 21.87514   | (20010717) |            |           |
| 386915.88  | 3825128.29 | 22.48656   | (20010717) | 386893.86 |
| 3825119.03 | 22.99653   | (20010717) |            |           |
| 386871.83  | 3825109.77 | 23.39801   | (20010717) | 386849.81 |
| 3825100.51 | 23.68517   | (20010717) |            |           |
| 386827.79  | 3825091.25 | 23.85426   | (20010717) | 386805.77 |
| 3825081.99 | 23.90316   | (20010717) |            |           |
| 386783.75  | 3825072.73 | 23.83158   | (20010717) | 386761.73 |
| 3825063.47 | 23.64104   | (20010717) |            |           |
| 386739.71  | 3825054.21 | 23.33484   | (20010717) | 386717.68 |
| 3825044.95 | 22.91776   | (20010717) |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 386183.35  | 3824640.08          | 25.12385 | (17010720) | 386173.95 |
| 3824618.12 | 24.38130 (17010720) |          |            |           |
| 386164.56  | 3824596.15          | 23.54265 | (17010720) | 386155.17 |
| 3824574.18 | 22.61898 (17010720) |          |            |           |
| 386145.78  | 3824552.22          | 22.34506 | (18091303) | 386136.39 |
| 3824530.25 | 22.26089 (18091303) |          |            |           |
| 386127.00  | 3824508.29          | 22.06598 | (18091303) | 386117.61 |
| 3824486.32 | 21.76275 (18091303) |          |            |           |
| 386108.22  | 3824464.35          | 21.35536 | (18091303) | 386098.83 |
| 3824442.39 | 20.84962 (18091303) |          |            |           |
| 386089.44  | 3824420.42          | 20.90613 | (18111302) | 386080.04 |
| 3824398.46 | 21.16910 (18111302) |          |            |           |
| 386070.65  | 3824376.49          | 21.32675 | (18111302) | 386061.26 |
| 3824354.52 | 21.37626 (18111302) |          |            |           |
| 386051.87  | 3824332.56          | 21.31653 | (18111302) | 386042.48 |
| 3824310.59 | 21.14808 (18111302) |          |            |           |
| 386033.09  | 3824288.62          | 21.82793 | (18070504) | 386023.70 |
| 3824266.66 | 22.46475 (18070504) |          |            |           |
| 386014.31  | 3824244.69          | 23.00179 | (18070504) | 386004.92 |
| 3824222.73 | 23.43030 (18070504) |          |            |           |
| 385995.53  | 3824200.76          | 23.74371 | (18070504) | 385986.14 |
| 3824178.79 | 23.93664 (18070504) |          |            |           |
| 385976.74  | 3824156.83          | 24.00566 | (18070504) | 385967.35 |
| 3824134.86 | 23.94935 (18070504) |          |            |           |
| 385957.96  | 3824112.90          | 23.76822 | (18070504) | 385948.57 |
| 3824090.93 | 23.46458 (18070504) |          |            |           |
| 385939.18  | 3824068.96          | 23.16746 | (19111222) | 385929.79 |
| 3824047.00 | 23.73252 (19111222) |          |            |           |
| 385920.40  | 3824025.03          | 24.18378 | (19111222) | 385911.01 |
| 3824003.07 | 24.51354 (19111222) |          |            |           |
| 385901.62  | 3823981.10          | 24.71650 | (19111222) | 385892.23 |
| 3823959.13 | 24.78887 (19111222) |          |            |           |
| 385882.83  | 3823937.17          | 24.72907 | (19111222) | 385873.44 |
| 3823915.20 | 24.53770 (19111222) |          |            |           |
| 385864.05  | 3823893.24          | 24.21750 | (19111222) | 385854.66 |
| 3823871.27 | 23.77296 (19111222) |          |            |           |
| 385845.27  | 3823849.30          | 23.21077 | (19111222) | 385835.88 |
| 3823827.34 | 22.53956 (19111222) |          |            |           |
| 385826.49  | 3823805.37          | 21.76883 | (19111222) | 385817.10 |
| 3823783.41 | 20.91034 (19111222) |          |            |           |
| 385807.71  | 3823761.44          | 20.17251 | (19112123) | 385798.32 |
| 3823739.47 | 21.10681 (19112123) |          |            |           |
| 385788.92  | 3823717.51          | 21.96488 | (19112123) | 385779.53 |
| 3823695.54 | 22.73397 (19112123) |          |            |           |
| 385770.14  | 3823673.58          | 23.40181 | (19112123) | 385760.75 |
| 3823651.61 | 23.95816 (19112123) |          |            |           |
| 385751.36  | 3823629.64          | 24.39362 | (19112123) | 385741.97 |
| 3823607.68 | 24.70069 (19112123) |          |            |           |
| 385732.58  | 3823585.71          | 24.87421 | (19112123) | 385723.19 |
| 3823563.75 | 24.91082 (19112123) |          |            |           |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3823519.81 | 385713.80 | 3823541.78 | 24.80956   | (19112123) | 385704.41 |
|            |           | 25.26317   | (16022104) |            |           |
| 3823475.88 | 385695.02 | 3823497.85 | 26.12460   | (16022104) | 385685.62 |
|            |           | 26.86624   | (16022104) |            |           |
| 3823431.95 | 385676.23 | 3823453.92 | 27.47510   | (16022104) | 385666.84 |
|            |           | 27.94154   | (16022104) |            |           |
| 3823388.02 | 385657.45 | 3823409.98 | 28.25724   | (16022104) | 385648.06 |
|            |           | 28.41650   | (16022104) |            |           |
| 3823344.09 | 385638.67 | 3823366.05 | 28.41636   | (16022104) | 385629.28 |
|            |           | 28.25638   | (16022104) |            |           |
| 3823300.15 | 385619.89 | 3823322.12 | 27.93875   | (16022104) | 385610.50 |
|            |           | 27.46841   | (16022104) |            |           |
| 3823256.22 | 385601.11 | 3823278.19 | 26.85304   | (16022104) | 385591.71 |
|            |           | 27.00537   | (17010803) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 452

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 3823212.29  | 385582.32   | 3823234.26 | 27.41791   | (17010803)  |
|             |             | 27.67888   | (17010803) | 385572.93   |
| 3823168.36  | 385563.54   | 3823190.32 | 27.78328   | (17010803)  |
|             |             | 27.72898   | (17010803) | 385554.15   |
| 3823124.43  | 385544.76   | 3823146.39 | 27.51651   | (17010803)  |
|             |             | 27.14923   | (17010803) | 385535.37   |
| 3823080.49  | 385525.98   | 3823102.46 | 26.82076   | (16102117)  |
|             |             | 27.48746   | (16102117) | 385516.59   |
| 3822948.70  | 385507.20   | 3823058.53 | 28.00881   | (16102117)  |
|             |             | 28.37607   | (16102117) | 385497.80   |
| 3822992.63  | 385488.41   | 3823014.60 | 28.58220   | (16102117)  |
|             |             | 28.62351   | (16102117) | 385479.02   |
| 3822948.70  | 385469.63   | 3822970.66 | 28.49879   | (16102117)  |
|             |             | 28.20995   | (16102117) | 385460.24   |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3822904.77 | 385450.85 | 3822926.73 | 27.76145   | (16102117) | 385441.46 |
|            |           | 27.32656   | (19112102) |            |           |
|            | 385432.07 | 3822882.80 | 27.93825   | (19112102) | 385422.68 |
| 3822860.83 |           | 28.39718   | (19112102) |            |           |
|            | 385413.29 | 3822838.87 | 28.69500   | (19112102) | 385403.90 |
| 3822816.90 |           | 28.82642   | (19112102) |            |           |
|            | 385394.50 | 3822794.93 | 28.78856   | (19112102) | 385385.11 |
| 3822772.97 |           | 28.58190   | (19112102) |            |           |
|            | 385375.72 | 3822751.00 | 28.20960   | (19112102) | 385366.33 |
| 3822729.04 |           | 27.67806   | (19112102) |            |           |
|            | 385356.94 | 3822707.07 | 27.77656   | (20021308) | 385347.55 |
| 3822685.10 |           | 28.31742   | (20021308) |            |           |
|            | 385338.16 | 3822663.14 | 28.69817   | (20021308) | 385328.77 |
| 3822641.17 |           | 28.91207   | (20021308) |            |           |
|            | 385319.38 | 3822619.21 | 28.95485   | (20021308) | 385309.99 |
| 3822597.24 |           | 28.82547   | (20021308) |            |           |
|            | 385300.59 | 3822575.27 | 28.52574   | (20021308) | 385291.20 |
| 3822553.31 |           | 28.06103   | (20021308) |            |           |
|            | 385281.81 | 3822531.34 | 27.60759   | (18022807) | 385272.42 |
| 3822509.38 |           | 28.22202   | (18022807) |            |           |
|            | 385263.03 | 3822487.41 | 28.67813   | (18022807) | 385253.64 |
| 3822465.44 |           | 28.96730   | (18022807) |            |           |
|            | 385244.25 | 3822443.48 | 29.08405   | (18022807) | 385234.86 |
| 3822421.51 |           | 29.02608   | (18022807) |            |           |
|            | 385225.47 | 3822399.55 | 28.79416   | (18022807) | 385216.08 |
| 3822377.58 |           | 28.39202   | (18022807) |            |           |
|            | 385206.68 | 3822355.61 | 27.82643   | (18022807) | 385197.29 |
| 3822333.65 |           | 27.10769   | (18022807) |            |           |
|            | 385187.90 | 3822311.68 | 26.24744   | (18022807) | 385178.51 |
| 3822289.72 |           | 25.26073   | (18022807) |            |           |
|            | 385169.12 | 3822267.75 | 25.23002   | (19022323) | 385159.73 |
| 3822245.78 |           | 25.23670   | (19022323) |            |           |
|            | 385150.34 | 3822223.82 | 25.27473   | (19122817) | 385140.95 |
| 3822201.85 |           | 26.27868   | (19122817) |            |           |
|            | 385131.56 | 3822179.89 | 27.15642   | (19122817) | 385122.17 |
| 3822157.92 |           | 27.89335   | (19122817) |            |           |
|            | 385112.78 | 3822135.95 | 28.47598   | (19122817) | 385103.38 |
| 3822113.99 |           | 28.89358   | (19122817) |            |           |
|            | 385093.99 | 3822092.02 | 29.13858   | (19122817) | 385084.60 |
| 3822070.06 |           | 29.20616   | (19122817) |            |           |
|            | 385075.21 | 3822048.09 | 29.09491   | (19122817) | 385065.82 |
| 3822026.12 |           | 28.80657   | (19122817) |            |           |
|            | 385056.43 | 3822004.16 | 28.34635   | (19122817) | 385047.04 |
| 3821982.19 |           | 27.72207   | (19122817) |            |           |
|            | 385037.65 | 3821960.23 | 27.33368   | (18120617) | 385028.26 |
| 3821938.26 |           | 27.78909   | (18120617) |            |           |
|            | 385018.87 | 3821916.29 | 28.07845   | (18120617) | 385009.47 |
| 3821894.33 |           | 28.19620   | (18120617) |            |           |
|            | 385000.08 | 3821872.36 | 28.14011   | (18120617) | 384990.69 |
| 3821850.40 |           | 27.91103   | (18120617) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384981.30  | 3821828.43 | 27.51285   | (18120617) | 384971.91 |
| 3821806.46 | 26.95271   | (18120617) |            |           |
| 384962.52  | 3821784.50 | 27.45104   | (20120617) | 384953.13 |
| 3821762.53 | 27.95825   | (20120617) |            |           |
| 384943.74  | 3821740.57 | 28.29858   | (20120617) | 384934.35 |
| 3821718.60 | 28.46587   | (20120617) |            |           |
| 384924.96  | 3821696.63 | 28.45668   | (20120617) | 384915.56 |
| 3821674.67 | 28.27103   | (20120617) |            |           |
| 384906.17  | 3821652.70 | 27.91220   | (20120617) | 384896.78 |
| 3821630.74 | 27.40938   | (19010818) |            |           |
| 384887.39  | 3821608.77 | 28.13631   | (19010818) | 384878.00 |
| 3821586.80 | 28.70301   | (19010818) |            |           |
| 384868.61  | 3821564.84 | 29.09887   | (19010818) | 384859.22 |
| 3821542.87 | 29.31676   | (19010818) |            |           |
| 384849.83  | 3821520.91 | 29.35231   | (19010818) | 384840.44 |
| 3821498.94 | 29.20475   | (19010818) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 453

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 384831.05   | 3821476.97  | 28.87666   | (19010818) | 384821.66   |
| 3821455.01  | 28.37419    | (19010818) |            |             |
| 384812.26   | 3821433.04  | 27.98060   | (17061502) | 384802.87   |
| 3821411.08  | 28.58694    | (17061502) |            |             |
| 384793.48   | 3821389.11  | 29.02424   | (17061502) | 384784.09   |
| 3821367.14  | 29.28403    | (17061502) |            |             |
| 384774.70   | 3821345.18  | 29.36135   | (17061502) | 384765.31   |
| 3821323.21  | 29.25473    | (17061502) |            |             |
| 384755.92   | 3821301.24  | 28.96598   | (17061502) | 384746.53   |
| 3821279.28  | 28.50061    | (17061502) |            |             |
| 384737.14   | 3821257.31  | 27.89557   | (19110606) | 384727.75   |
| 3821235.35  | 28.54009    | (19110606) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384718.35  | 3821213.38 | 29.01680   | (19110606) | 384708.96 |
| 3821191.41 | 29.31642   | (19110606) |            |           |
| 384699.57  | 3821169.45 | 29.43331   | (19110606) | 384690.18 |
| 3821147.48 | 29.36533   | (19110606) |            |           |
| 384680.79  | 3821125.52 | 29.11370   | (19110606) | 384671.40 |
| 3821103.55 | 28.68293   | (19110606) |            |           |
| 384662.01  | 3821081.58 | 28.08101   | (19110606) | 384652.62 |
| 3821059.62 | 27.31925   | (19110606) |            |           |
| 384643.23  | 3821037.65 | 26.41085   | (19110606) | 384633.84 |
| 3821015.69 | 25.37248   | (19110606) |            |           |
| 384624.44  | 3820993.72 | 24.22102   | (19110606) | 384615.05 |
| 3820971.75 | 22.97650   | (19110606) |            |           |
| 384605.66  | 3820949.79 | 21.65921   | (19110606) | 384596.27 |
| 3820927.82 | 21.52489   | (17090904) |            |           |
| 384586.88  | 3820905.86 | 22.21930   | (17090904) | 384577.49 |
| 3820883.89 | 22.79214   | (17090904) |            |           |
| 384568.10  | 3820861.92 | 23.23268   | (17090904) | 384558.71 |
| 3820839.96 | 23.53267   | (17090904) |            |           |
| 384549.32  | 3820817.99 | 23.68676   | (17090904) | 384539.93 |
| 3820796.03 | 23.69192   | (17090904) |            |           |
| 384530.54  | 3820774.06 | 23.54807   | (17090904) | 384521.14 |
| 3820752.09 | 23.25781   | (17090904) |            |           |
| 384511.75  | 3820730.13 | 23.37630   | (18121622) | 384502.36 |
| 3820708.16 | 24.00904   | (18121622) |            |           |
| 384492.97  | 3820686.20 | 24.50360   | (18121622) | 384483.58 |
| 3820664.23 | 24.85129   | (18121622) |            |           |
| 384474.19  | 3820642.26 | 25.04541   | (18121622) | 384464.80 |
| 3820620.30 | 25.08236   | (18121622) |            |           |
| 384455.41  | 3820598.33 | 25.25725   | (16122217) | 384446.02 |
| 3820576.37 | 26.30299   | (16122217) |            |           |
| 384436.63  | 3820554.40 | 27.22018   | (16122217) | 384427.23 |
| 3820532.43 | 27.86063   | (16122217) |            |           |
| 384417.84  | 3820510.47 | 27.51046   | (16122217) | 384408.45 |
| 3820488.50 | 27.04619   | (16122217) |            |           |
| 384399.06  | 3820466.54 | 26.74716   | (16122217) | 384389.67 |
| 3820444.57 | 26.62909   | (16122217) |            |           |
| 384380.28  | 3820422.60 | 26.63383   | (16122217) | 384370.89 |
| 3820400.64 | 26.58758   | (16122217) |            |           |
| 384361.50  | 3820378.67 | 26.43276   | (16122217) | 384352.11 |
| 3820356.71 | 26.24563   | (16122217) |            |           |
| 384342.72  | 3820334.74 | 26.30799   | (18121517) | 384333.32 |
| 3820312.77 | 26.88242   | (18121517) |            |           |
| 384323.93  | 3820290.81 | 27.25067   | (18121517) | 384314.54 |
| 3820268.84 | 27.59101   | (18121517) |            |           |
| 384305.15  | 3820246.88 | 27.88321   | (18121517) | 384295.76 |
| 3820224.91 | 27.93726   | (18121517) |            |           |
| 384286.37  | 3820202.94 | 27.55573   | (18121517) | 384276.98 |
| 3820180.98 | 27.58125   | (17013018) |            |           |
| 384267.59  | 3820159.01 | 28.26067   | (17013018) | 384258.20 |
| 3820137.05 | 28.77569   | (17013018) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384248.81  | 3820115.08 | 29.11740   | (17013018) | 384239.42 |
| 3820093.11 | 29.27934   | (17013018) |            |           |
| 384230.02  | 3820071.15 | 29.25863   | (17013018) | 384220.63 |
| 3820049.18 | 29.05588   | (17013018) |            |           |
| 384211.24  | 3820027.22 | 28.67513   | (17013018) | 384201.85 |
| 3820005.25 | 28.12327   | (17013018) |            |           |
| 384192.46  | 3819983.28 | 28.05153   | (18102822) | 384183.07 |
| 3819961.32 | 28.60518   | (18102822) |            |           |
| 384173.68  | 3819939.35 | 28.98872   | (18102822) | 384164.29 |
| 3819917.38 | 29.19497   | (18102822) |            |           |
| 384154.90  | 3819895.42 | 29.22029   | (18102822) | 384145.51 |
| 3819873.45 | 29.06444   | (18102822) |            |           |
| 384136.11  | 3819851.49 | 28.73051   | (18102822) | 384126.72 |
| 3819829.52 | 28.22474   | (18102822) |            |           |
| 384117.33  | 3819807.55 | 27.55656   | (18102822) | 384107.94 |
| 3819785.59 | 26.73847   | (18102822) |            |           |
| 384098.55  | 3819763.62 | 25.78442   | (18102822) | 384089.16 |
| 3819741.66 | 24.71168   | (18102822) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 454

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 384079.77   | 3819719.69  | 23.53747   | (18102822) | 384070.38   |
| 3819697.72  | 22.28124    | (18102822) |            |             |
| 384060.99   | 3819675.76  | 22.00428   | (17111117) | 384051.60   |
| 3819653.79  | 22.79407    | (17111117) |            |             |
| 384042.20   | 3819631.83  | 23.46657   | (17111117) | 384032.81   |
| 3819609.86  | 24.01057    | (17111117) |            |             |
| 384023.42   | 3819587.89  | 24.41629   | (17111117) | 384014.03   |
| 3819565.93  | 24.67650    | (17111117) |            |             |
| 384004.64   | 3819543.96  | 24.78688   | (17111117) | 383995.25   |
| 3819522.00  | 24.74550    | (17111117) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 383985.86  | 3819500.03 | 24.55333   | (17111117) | 383976.47 |
| 3819478.06 | 24.21406   | (17111117) |            |           |
| 383967.08  | 3819456.10 | 24.63354   | (19120417) | 383957.69 |
| 3819434.13 | 25.25319   | (19120417) |            |           |
| 383948.30  | 3819412.17 | 25.73042   | (19120417) | 383938.90 |
| 3819390.20 | 26.05736   | (19120417) |            |           |
| 383929.51  | 3819368.23 | 26.22808   | (19120417) | 383920.12 |
| 3819346.27 | 26.23976   | (19120417) |            |           |
| 383910.73  | 3819324.30 | 26.09248   | (19120417) | 383901.34 |
| 3819302.34 | 26.01842   | (16012605) |            |           |
| 383891.95  | 3819280.37 | 26.89226   | (16012605) | 383882.56 |
| 3819258.40 | 27.62713   | (16012605) |            |           |
| 383873.17  | 3819236.44 | 28.21031   | (16012605) | 383863.78 |
| 3819214.47 | 28.63229   | (16012605) |            |           |
| 383854.39  | 3819192.51 | 28.88546   | (16012605) | 383844.99 |
| 3819170.54 | 28.96579   | (16012605) |            |           |
| 383835.60  | 3819148.57 | 28.87203   | (16012605) | 383826.21 |
| 3819126.61 | 28.60629   | (16012605) |            |           |
| 383816.82  | 3819104.64 | 28.17344   | (16012605) | 383807.43 |
| 3819082.68 | 27.58175   | (16012605) |            |           |
| 383798.04  | 3819060.71 | 26.84138   | (16012605) | 383788.65 |
| 3819038.74 | 26.75109   | (17121517) |            |           |
| 383779.26  | 3819016.78 | 27.05518   | (17121517) | 383769.87 |
| 3818994.81 | 27.20003   | (17121517) |            |           |
| 383760.48  | 3818972.85 | 27.18322   | (17121517) | 383751.08 |
| 3818950.88 | 27.00533   | (17121517) |            |           |
| 383741.69  | 3818928.91 | 26.66988   | (17121517) | 383732.30 |
| 3818906.95 | 26.69048   | (16111417) |            |           |
| 383722.91  | 3818884.98 | 27.39083   | (16111417) | 383713.52 |
| 3818863.02 | 27.94313   | (16111417) |            |           |
| 383704.13  | 3818841.05 | 28.33864   | (16111417) | 383694.74 |
| 3818819.08 | 28.57053   | (16111417) |            |           |
| 383685.35  | 3818797.12 | 28.63509   | (16111417) | 383675.96 |
| 3818775.15 | 28.53160   | (16111417) |            |           |
| 383666.57  | 3818753.19 | 28.26231   | (16111417) | 383657.18 |
| 3818731.22 | 27.83207   | (16111417) |            |           |
| 383647.78  | 3818709.25 | 27.24864   | (16111417) | 383638.39 |
| 3818687.29 | 26.52277   | (16111417) |            |           |
| 383629.00  | 3818665.32 | 25.66624   | (16111417) | 383619.61 |
| 3818643.36 | 24.69404   | (16111417) |            |           |
| 383610.22  | 3818621.39 | 23.62111   | (16111417) | 383600.83 |
| 3818599.42 | 23.62618   | (17011704) |            |           |
| 383591.44  | 3818577.46 | 24.67666   | (17011704) | 383582.05 |
| 3818555.49 | 25.62478   | (17011704) |            |           |
| 383572.66  | 3818533.53 | 26.45495   | (17011704) | 383563.27 |
| 3818511.56 | 27.15471   | (17011704) |            |           |
| 383553.87  | 3818489.59 | 27.71244   | (17011704) | 383544.48 |
| 3818467.63 | 28.11895   | (17011704) |            |           |
| 383535.09  | 3818445.66 | 28.36813   | (17011704) | 383525.70 |
| 3818423.69 | 28.45589   | (17011704) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 383516.31  | 3818401.73 | 28.38121   | (17011704) | 383506.92 |
| 3818379.76 | 28.14571   | (17011704) |            |           |
| 383497.53  | 3818357.80 | 27.75398   | (17011704) | 383488.14 |
| 3818335.83 | 26.95807   | (17011704) |            |           |
| 383478.75  | 3818313.86 | 25.27150   | (17011704) | 383469.36 |
| 3818291.90 | 23.44670   | (17011704) |            |           |
| 383459.96  | 3818269.93 | 22.25062   | (18030604) | 383450.57 |
| 3818247.97 | 21.57431   | (18030604) |            |           |
| 383441.18  | 3818226.00 | 20.99640   | (18030604) | 383431.79 |
| 3818204.03 | 20.32024   | (18030604) |            |           |
| 383422.40  | 3818182.07 | 19.49567   | (18030604) | 383413.01 |
| 3818160.10 | 18.63766   | (18030604) |            |           |
| 383403.62  | 3818138.14 | 17.97878   | (17030222) | 383394.23 |
| 3818116.17 | 17.89719   | (17030222) |            |           |
| 383384.84  | 3818094.20 | 17.68442   | (17030222) | 383375.45 |
| 3818072.24 | 17.48978   | (17030222) |            |           |
| 383366.06  | 3818050.27 | 16.77961   | (17030222) | 383356.66 |
| 3818028.31 | 16.10053   | (17030222) |            |           |
| 383347.27  | 3818006.34 | 15.62761   | (17030222) | 383337.88 |
| 3817984.37 | 15.08902   | (17030222) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 455

\*\*\* MODELOPTs: RegDFault CONC ELEV Rural Adj\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 383328.49   | 3817962.41  | 14.32828   | (17030222) | 383319.10   |
| 3817940.44  | 14.02192    | (19011117) |            |             |
| 383309.71   | 3817918.48  | 13.77321   | (19011117) | 383300.32   |
| 3817896.51  | 13.53209    | (19011117) |            |             |
| 383290.93   | 3817874.54  | 13.26587   | (19011117) | 383281.54   |
| 3817852.58  | 12.94132    | (19011117) |            |             |
| 383272.15   | 3817830.61  | 12.62016   | (19011117) | 383262.75   |
| 3817808.65  | 12.20650    | (19011117) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 383253.36  | 3817786.68          | 11.70441 | (19011117) | 383243.97 |
| 3817764.71 | 11.23117 (19011117) |          |            |           |
| 383234.58  | 3817742.75          | 10.74993 | (19011117) | 383225.19 |
| 3817720.78 | 10.09652 (19011117) |          |            |           |
| 383215.80  | 3817698.82          | 9.20620  | (19011117) | 383206.41 |
| 3817676.85 | 8.28662 (19011117)  |          |            |           |
| 383197.02  | 3817654.88          | 8.38688  | (19120324) | 383187.63 |
| 3817632.92 | 8.74381 (19120324)  |          |            |           |
| 383178.24  | 3817610.95          | 8.88679  | (19120324) | 383168.85 |
| 3817588.99 | 8.66145 (19120324)  |          |            |           |
| 383159.45  | 3817567.02          | 8.63355  | (19120324) | 383150.06 |
| 3817545.05 | 8.89327 (16111707)  |          |            |           |
| 383140.67  | 3817523.09          | 9.76381  | (16111707) | 383131.28 |
| 3817501.12 | 11.21422 (16111707) |          |            |           |
| 383121.89  | 3817479.16          | 12.71372 | (16111707) | 383112.50 |
| 3817457.19 | 13.73841 (16111707) |          |            |           |
| 383103.11  | 3817435.22          | 13.89991 | (16111707) | 383093.72 |
| 3817413.26 | 13.33723 (16111707) |          |            |           |
| 383084.33  | 3817391.29          | 12.40238 | (16111707) | 383074.94 |
| 3817369.33 | 11.67518 (18111703) |          |            |           |
| 383065.54  | 3817347.36          | 10.88710 | (18111703) | 383056.15 |
| 3817325.39 | 10.11462 (18111703) |          |            |           |
| 383046.76  | 3817303.43          | 9.33694  | (18111703) | 383037.37 |
| 3817281.46 | 9.43495 (18111703)  |          |            |           |
| 383027.98  | 3817259.50          | 9.47774  | (18111703) | 383018.59 |
| 3817237.53 | 9.73645 (18111703)  |          |            |           |
| 383009.20  | 3817215.56          | 10.79643 | (18111703) | 382999.81 |
| 3817193.60 | 12.02655 (18111703) |          |            |           |
| 382990.42  | 3817171.63          | 13.37837 | (16062705) | 382981.03 |
| 3817149.67 | 15.29426 (16062705) |          |            |           |
| 382971.63  | 3817127.70          | 17.27117 | (16062705) | 382962.24 |
| 3817105.73 | 18.72862 (16062705) |          |            |           |
| 382952.85  | 3817083.77          | 19.91731 | (16062705) | 382943.46 |
| 3817061.80 | 20.36258 (16062705) |          |            |           |
| 382934.07  | 3817039.84          | 20.11810 | (16062705) | 382924.68 |
| 3817017.87 | 19.42023 (16062705) |          |            |           |
| 382915.29  | 3816995.90          | 18.43704 | (16062705) | 382905.90 |
| 3816973.94 | 17.16196 (16062705) |          |            |           |
| 382896.51  | 3816951.97          | 15.86699 | (16062705) | 382887.12 |
| 3816930.00 | 15.38606 (19120217) |          |            |           |
| 382877.73  | 3816908.04          | 15.98017 | (19120217) | 382868.33 |
| 3816886.07 | 16.99509 (19120217) |          |            |           |
| 382858.94  | 3816864.11          | 17.40717 | (19120217) | 382849.55 |
| 3816842.14 | 16.52073 (19120217) |          |            |           |
| 382840.16  | 3816820.17          | 15.70191 | (19120217) | 382830.77 |
| 3816798.21 | 15.71076 (19120217) |          |            |           |
| 382821.38  | 3816776.24          | 16.33426 | (19120217) | 382811.99 |
| 3816754.28 | 16.89267 (19120217) |          |            |           |
| 382802.60  | 3816732.31          | 16.41313 | (19120217) | 382793.21 |
| 3816710.34 | 15.97153 (17011306) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394469.24  | 3828304.55 | 2.74672    | (18021708) | 394493.17 |
| 3828304.88 | 2.66812    | (18021708) |            |           |
| 394517.10  | 3828305.20 | 2.57983    | (18021708) | 394541.03 |
| 3828305.53 | 2.48678    | (18021708) |            |           |
| 394564.96  | 3828305.86 | 2.39468    | (18021708) | 394588.89 |
| 3828306.19 | 2.30487    | (18021708) |            |           |
| 394612.83  | 3828306.52 | 2.24802    | (20092207) | 394636.76 |
| 3828306.84 | 2.31101    | (20092207) |            |           |
| 394660.69  | 3828307.17 | 2.37239    | (20092207) | 394684.62 |
| 3828307.50 | 2.43192    | (20092207) |            |           |
| 394708.55  | 3828307.83 | 2.48940    | (20092207) | 394732.48 |
| 3828308.15 | 2.54462    | (20092207) |            |           |
| 394756.41  | 3828308.48 | 2.59736    | (20092207) | 394780.34 |
| 3828308.81 | 2.64739    | (20092207) |            |           |
| 394804.27  | 3828309.14 | 2.69453    | (20092207) | 394828.21 |
| 3828309.47 | 2.73863    | (20092207) |            |           |
| 394852.14  | 3828309.79 | 2.77945    | (20092207) | 394876.07 |
| 3828310.12 | 2.81685    | (20092207) |            |           |
| 394900.00  | 3828310.45 | 2.85070    | (20092207) | 395089.75 |
| 3816509.02 | 122.75781  | (18061313) |            |           |
| 395110.25  | 3816522.25 | 105.64240  | (18061719) | 395130.76 |
| 3816535.48 | 92.01230   | (18051717) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 456

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395151.26   | 3816548.71  | 83.12108   | (17030509) | 395171.77   |
| 3816561.93  | 78.06338    | (16031116) |            |             |
| 395192.28   | 3816575.16  | 75.44055   | (16071713) | 395212.78   |
| 3816588.39  | 74.13389    | (16090413) |            |             |
| 395233.29   | 3816601.62  | 68.53652   | (19041916) | 395253.79   |
| 3816614.85  | 56.67287    | (18043015) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395274.30  | 3816628.07 | 49.09055   | (17062716) | 395294.80 |
| 3816641.30 | 45.05276   | (17071717) |            |           |
| 395315.31  | 3816654.53 | 43.75264   | (20051617) | 395335.81 |
| 3816667.76 | 42.31348   | (17072016) |            |           |
| 395356.32  | 3816680.98 | 40.61095   | (18100414) | 395376.82 |
| 3816694.21 | 39.21084   | (17010513) |            |           |
| 395397.33  | 3816707.44 | 37.93974   | (17111014) | 395417.83 |
| 3816720.67 | 36.79895   | (17010424) |            |           |
| 395438.34  | 3816733.89 | 35.60856   | (20060623) | 395458.85 |
| 3816747.12 | 34.62313   | (18082819) |            |           |
| 395479.35  | 3816760.35 | 34.17300   | (20072719) | 395499.86 |
| 3816773.58 | 33.57644   | (20091418) |            |           |
| 395520.36  | 3816786.81 | 32.77758   | (16012002) | 395540.87 |
| 3816800.03 | 32.34216   | (20123108) |            |           |
| 395561.37  | 3816813.26 | 33.83194   | (19021103) | 395581.88 |
| 3816826.49 | 36.40945   | (19021103) |            |           |
| 395096.70  | 3816543.26 | 122.40407  | (20080117) | 395117.21 |
| 3816556.49 | 105.62497  | (20080117) |            |           |
| 395137.71  | 3816569.71 | 94.46342   | (19080317) | 395158.22 |
| 3816582.94 | 89.88247   | (16090314) |            |           |
| 395178.72  | 3816596.17 | 93.34259   | (18080816) | 395199.23 |
| 3816609.40 | 99.90732   | (16081924) |            |           |
| 395219.73  | 3816622.63 | 87.78067   | (16081924) | 395240.24 |
| 3816635.85 | 66.64582   | (19041317) |            |           |
| 395260.75  | 3816649.08 | 53.33379   | (16080319) | 395281.25 |
| 3816662.31 | 48.53850   | (16080319) |            |           |
| 395301.76  | 3816675.54 | 46.70233   | (17111611) | 395322.26 |
| 3816688.76 | 44.90738   | (17010124) |            |           |
| 395342.77  | 3816701.99 | 43.10710   | (17031518) | 395363.27 |
| 3816715.22 | 41.41596   | (17080415) |            |           |
| 395383.78  | 3816728.45 | 40.00976   | (20092417) | 395404.28 |
| 3816741.67 | 38.43766   | (20111314) |            |           |
| 395424.79  | 3816754.90 | 37.07449   | (17020603) | 395445.29 |
| 3816768.13 | 37.10309   | (16081418) |            |           |
| 395465.80  | 3816781.36 | 36.60978   | (17022006) | 395486.30 |
| 3816794.59 | 35.32799   | (19051907) |            |           |
| 395506.81  | 3816807.81 | 35.26668   | (20032923) | 395527.32 |
| 3816821.04 | 36.16643   | (20032923) |            |           |
| 395547.82  | 3816834.27 | 36.77223   | (19122422) | 395568.33 |
| 3816847.50 | 39.04302   | (19122422) |            |           |
| 395103.66  | 3816577.50 | 116.12050  | (17091408) | 395124.16 |
| 3816590.72 | 104.33214  | (18062614) |            |           |
| 395144.67  | 3816603.95 | 97.70135   | (19030917) | 395165.17 |
| 3816617.18 | 95.12759   | (19022016) |            |           |
| 395185.68  | 3816630.41 | 123.12030  | (16041301) | 395206.18 |
| 3816643.63 | 100.65281  | (16041301) |            |           |
| 395226.69  | 3816656.86 | 67.10945   | (16040902) | 395247.19 |
| 3816670.09 | 56.46053   | (19082216) |            |           |
| 395267.70  | 3816683.32 | 51.18250   | (19082216) | 395288.20 |
| 3816696.54 | 48.83153   | (20070517) |            |           |

|            |           |                      |           |            |           |
|------------|-----------|----------------------|-----------|------------|-----------|
| 3816723.00 | 395308.71 | 3816709.77           | 46.89396  | (19070812) | 395329.21 |
|            |           | 44.97431 (17110414)  |           |            |           |
| 3816749.46 | 395349.72 | 3816736.23           | 43.21425  | (16082515) | 395370.23 |
|            |           | 41.45552 (17101919)  |           |            |           |
| 3816775.91 | 395390.73 | 3816762.68           | 40.88561  | (19091417) | 395411.24 |
|            |           | 40.89088 (19021420)  |           |            |           |
| 3816802.37 | 395431.74 | 3816789.14           | 39.83310  | (16060320) | 395452.25 |
|            |           | 37.67724 (20092318)  |           |            |           |
| 3816828.82 | 395472.75 | 3816815.59           | 37.01476  | (19022423) | 395493.26 |
|            |           | 36.45500 (19022423)  |           |            |           |
| 3816855.28 | 395513.76 | 3816842.05           | 36.16679  | (19022423) | 395534.27 |
|            |           | 38.12040 (19022423)  |           |            |           |
| 3816863.19 | 395554.77 | 3816868.50           | 39.46339  | (20011208) | 395069.60 |
|            |           | 150.74977 (17011116) |           |            |           |
| 3816611.73 | 395090.10 | 3816598.50           | 130.57074 | (18022814) | 395110.61 |
|            |           | 112.63075 (19100816) |           |            |           |
| 3816638.19 | 395131.11 | 3816624.96           | 101.68263 | (18031613) | 395151.62 |
|            |           | 92.71936 (17020522)  |           |            |           |
| 3816664.64 | 395172.12 | 3816651.41           | 85.00864  | (16101413) | 395192.63 |
|            |           | 74.18276 (18081011)  |           |            |           |
| 3816691.10 | 395213.14 | 3816677.87           | 65.68505  | (19040502) | 395233.64 |
|            |           | 57.97984 (19021006)  |           |            |           |
| 3816717.55 | 395254.15 | 3816704.32           | 52.99365  | (20070713) | 395274.65 |
|            |           | 50.66739 (16071418)  |           |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 457

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC                | (YYMMDDHH)          | X-COORD (M) |
|-------------|-------------|---------------------|---------------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH)          |                     |             |
| 3816744.01  | 395295.16   | 3816730.78          | 48.83970 (19061414) | 395315.66   |
|             |             | 47.02850 (18041908) |                     |             |
| 3816770.46  | 395336.17   | 3816757.24          | 45.11207 (16072520) | 395356.67   |
|             |             | 43.66723 (16061502) |                     |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 395377.18  | 3816783.69           | 43.61032  | (17112614) | 395397.68 |
| 3816796.92 | 42.41475 (16083020)  |           |            |           |
| 395418.19  | 3816810.15           | 39.82728  | (17031617) | 395438.69 |
| 3816823.37 | 37.75345 (16040921)  |           |            |           |
| 395459.20  | 3816836.60           | 36.01691  | (19050217) | 395479.71 |
| 3816849.83 | 35.29235 (16120924)  |           |            |           |
| 395500.21  | 3816863.06           | 37.15054  | (16120924) | 395520.72 |
| 3816876.28 | 38.14586 (16120924)  |           |            |           |
| 395541.22  | 3816889.51           | 40.37516  | (16120924) | 394980.98 |
| 3816587.61 | 400.97467 (18110619) |           |            |           |
| 395083.50  | 3816653.75           | 115.70691 | (19050710) | 395104.01 |
| 3816666.98 | 100.67619 (16070621) |           |            |           |
| 395124.52  | 3816680.20           | 89.82161  | (17082017) | 395145.02 |
| 3816693.43 | 78.58327 (17041806)  |           |            |           |
| 395165.53  | 3816706.66           | 71.82701  | (20041614) | 395186.03 |
| 3816719.89 | 64.83978 (18031313)  |           |            |           |
| 395206.54  | 3816733.11           | 58.73624  | (17020803) | 395227.04 |
| 3816746.34 | 55.57971 (17070816)  |           |            |           |
| 395247.55  | 3816759.57           | 53.00687  | (16091119) | 395268.05 |
| 3816772.80 | 51.14986 (16103018)  |           |            |           |
| 395288.56  | 3816786.02           | 48.82031  | (16052421) | 395309.06 |
| 3816799.25 | 47.34424 (19090619)  |           |            |           |
| 395329.57  | 3816812.48           | 45.20692  | (16111515) | 395350.07 |
| 3816825.71 | 44.26503 (16061221)  |           |            |           |
| 395370.58  | 3816838.94           | 45.79093  | (19010522) | 395391.09 |
| 3816852.16 | 47.17017 (19010522)  |           |            |           |
| 395411.59  | 3816865.39           | 48.35683  | (17012405) | 395432.10 |
| 3816878.62 | 51.41075 (17012405)  |           |            |           |
| 395452.60  | 3816891.85           | 52.17925  | (17012405) | 395473.11 |
| 3816905.07 | 54.11800 (17012405)  |           |            |           |
| 395493.61  | 3816918.30           | 54.24455  | (19031006) | 395514.12 |
| 3816931.53 | 55.19703 (20021024)  |           |            |           |
| 395097.41  | 3816722.22           | 169.59303 | (16110520) | 395117.92 |
| 3816735.45 | 126.56286 (18072723) |           |            |           |
| 395138.42  | 3816748.67           | 98.53382  | (18072723) | 395158.93 |
| 3816761.90 | 81.04037 (18042422)  |           |            |           |
| 395179.43  | 3816775.13           | 75.90936  | (17121924) | 395199.94 |
| 3816788.36 | 67.03541 (17121924)  |           |            |           |
| 395220.44  | 3816801.59           | 61.94189  | (16093002) | 395240.95 |
| 3816814.81 | 59.74187 (16112724)  |           |            |           |
| 395261.45  | 3816828.04           | 62.09631  | (16010920) | 395281.96 |
| 3816841.27 | 56.05899 (16010920)  |           |            |           |
| 395302.47  | 3816854.50           | 53.94665  | (19032422) | 395322.97 |
| 3816867.72 | 53.72688 (19032422)  |           |            |           |
| 395343.48  | 3816880.95           | 50.85767  | (19032422) | 395363.98 |
| 3816894.18 | 52.10181 (20122521)  |           |            |           |
| 395384.49  | 3816907.41           | 54.25698  | (19020223) | 395404.99 |
| 3816920.63 | 56.22689 (19020223)  |           |            |           |
| 395425.50  | 3816933.86           | 56.77316  | (19020223) | 395446.00 |
| 3816947.09 | 60.95339 (17122704)  |           |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 395466.51                                                                | 3816960.32 | 71.13421   | (17122704) | 395487.01 |
| 3816973.55                                                               | 81.05278   | (17120606) |            |           |
| 394947.28                                                                | 3816684.87 | 216.78744  | (18090323) | 395029.30 |
| 3816737.78                                                               | 143.42466  | (17070103) |            |           |
| 395090.81                                                                | 3816777.46 | 131.26008  | (18110619) | 395111.32 |
| 3816790.69                                                               | 110.32617  | (16040302) |            |           |
| 395131.82                                                                | 3816803.92 | 102.44807  | (18052901) | 395152.33 |
| 3816817.15                                                               | 90.31439   | (19031704) |            |           |
| 395172.83                                                                | 3816830.37 | 83.75702   | (16110520) | 395193.34 |
| 3816843.60                                                               | 73.95495   | (16021101) |            |           |
| 395213.85                                                                | 3816856.83 | 71.01229   | (16021101) | 395234.35 |
| 3816870.06                                                               | 73.32115   | (18022724) |            |           |
| 395254.86                                                                | 3816883.28 | 74.32337   | (17011721) | 395275.36 |
| 3816896.51                                                               | 73.09837   | (17011721) |            |           |
| 395295.87                                                                | 3816909.74 | 72.90076   | (19121602) | 395316.37 |
| 3816922.97                                                               | 74.39276   | (19121602) |            |           |
| 395336.88                                                                | 3816936.20 | 73.56116   | (19122005) | 395357.38 |
| 3816949.42                                                               | 86.65401   | (20120323) |            |           |
| 395377.89                                                                | 3816962.65 | 94.44052   | (20120323) | 395398.39 |
| 3816975.88                                                               | 102.01462  | (16122004) |            |           |
| 395418.90                                                                | 3816989.11 | 108.23660  | (16122004) | 395439.40 |
| 3817002.33                                                               | 114.63086  | (16122004) |            |           |
| 395459.91                                                                | 3817015.56 | 126.13097  | (19051805) | 395084.21 |
| 3816832.71                                                               | 117.80647  | (20021521) |            |           |
| 395104.72                                                                | 3816845.93 | 109.86252  | (17091723) | 395125.22 |
| 3816859.16                                                               | 103.65655  | (18110619) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                    | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                          | ***        | 17:54:19   |            |           |

PAGE 458

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395145.73   | 3816872.39  | 91.00865   | (18110619) | 395166.24   |
| 3816885.62  | 88.79677    | (19022422) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816912.07 | 395186.74 | 3816898.85 | 91.17023   | (19021104) | 395207.25 |
|            |           | 92.56728   | (20010704) |            |           |
|            | 395227.75 | 3816925.30 | 111.97331  | (20010704) | 395248.26 |
| 3816938.53 | 131.15112 | (18022007) |            |            |           |
|            | 395268.76 | 3816951.76 | 129.73780  | (19110101) | 395289.27 |
| 3816964.98 | 147.87359 | (17122203) |            |            |           |
|            | 395309.77 | 3816978.21 | 157.62154  | (17122203) | 395330.28 |
| 3816991.44 | 144.03779 | (17122203) |            |            |           |
|            | 395350.78 | 3817004.67 | 160.34776  | (16122001) | 395371.29 |
| 3817017.89 | 174.01696 | (16122001) |            |            |           |
|            | 395391.79 | 3817031.12 | 172.08860  | (19121602) | 395412.30 |
| 3817044.35 | 182.85827 | (19121602) |            |            |           |
|            | 395432.81 | 3817057.58 | 193.65490  | (19122005) | 394913.57 |
| 3816782.13 | 180.39336 | (20021507) |            |            |           |
|            | 394995.59 | 3816835.04 | 127.24584  | (17122901) | 395016.10 |
| 3816848.27 | 121.88736 | (18121920) |            |            |           |
|            | 395036.60 | 3816861.50 | 116.79825  | (16051105) | 395057.11 |
| 3816874.72 | 115.30339 | (19060603) |            |            |           |
|            | 395077.62 | 3816887.95 | 110.11093  | (17091522) | 395098.12 |
| 3816901.18 | 102.95470 | (16081401) |            |            |           |
|            | 395118.63 | 3816914.41 | 114.29542  | (17030101) | 395139.13 |
| 3816927.63 | 143.72585 | (19020704) |            |            |           |
|            | 395159.64 | 3816940.86 | 159.29488  | (19122102) | 395180.14 |
| 3816954.09 | 160.87579 | (20112024) |            |            |           |
|            | 395200.65 | 3816967.32 | 173.76183  | (18022006) | 395221.15 |
| 3816980.54 | 188.62463 | (16012202) |            |            |           |
|            | 395241.66 | 3816993.77 | 205.55398  | (19020807) | 395262.16 |
| 3817007.00 | 208.92922 | (18112606) |            |            |           |
|            | 395282.67 | 3817020.23 | 224.87830  | (20010704) | 395303.17 |
| 3817033.46 | 231.96740 | (20010704) |            |            |           |
|            | 395323.68 | 3817046.68 | 250.19743  | (18022007) | 395344.19 |
| 3817059.91 | 258.76629 | (19110101) |            |            |           |
|            | 395364.69 | 3817073.14 | 269.57266  | (19110101) | 395385.20 |
| 3817086.37 | 286.49911 | (17122203) |            |            |           |
|            | 395405.70 | 3817099.59 | 287.18411  | (17122203) | 394818.35 |
| 3816839.71 | 164.43642 | (17090604) |            |            |           |
|            | 394838.86 | 3816852.93 | 168.37821  | (20091224) | 394859.36 |
| 3816866.16 | 160.07264 | (20090702) |            |            |           |
|            | 394879.87 | 3816879.39 | 156.02335  | (20091301) | 394982.40 |
| 3816945.53 | 108.87021 | (16020204) |            |            |           |
|            | 395002.90 | 3816958.76 | 141.84912  | (19112124) | 395023.41 |
| 3816971.98 | 172.02658 | (19021904) |            |            |           |
|            | 395043.91 | 3816985.21 | 218.15111  | (17122906) | 395084.92 |
| 3817011.67 | 275.72151 | (18022806) |            |            |           |
|            | 395105.43 | 3817024.89 | 315.54417  | (20121623) | 395125.93 |
| 3817038.12 | 333.03166 | (16122901) |            |            |           |
|            | 395146.44 | 3817051.35 | 354.71996  | (16122901) | 395166.95 |
| 3817064.58 | 380.29966 | (18121523) |            |            |           |
|            | 395187.45 | 3817077.81 | 392.87623  | (16122104) | 395207.96 |
| 3817091.03 | 390.80328 | (19110304) |            |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395228.46  | 3817104.26 | 398.99406  | (19010303) | 395248.97 |
| 3817117.49 | 417.21914  | (17122206) |            |           |
| 395269.47  | 3817130.72 | 413.27211  | (16121807) | 395289.98 |
| 3817143.94 | 410.90946  | (19112201) |            |           |
| 395310.48  | 3817157.17 | 426.61728  | (20021302) | 395330.99 |
| 3817170.40 | 447.43921  | (16022307) |            |           |
| 395351.49  | 3817183.63 | 457.48660  | (16020906) | 394784.65 |
| 3816936.97 | 234.53989  | (18012102) |            |           |
| 394805.16  | 3816950.19 | 244.30098  | (19122806) | 394825.66 |
| 3816963.42 | 276.63647  | (19122806) |            |           |
| 394846.17  | 3816976.65 | 282.30959  | (19010302) | 394948.69 |
| 3817042.79 | 279.50005  | (19012522) |            |           |
| 394969.20  | 3817056.02 | 334.87492  | (17030103) | 394989.70 |
| 3817069.24 | 365.35454  | (20011807) |            |           |
| 395010.21  | 3817082.47 | 398.59347  | (17022824) | 395092.23 |
| 3817135.38 | 456.60936  | (20012604) |            |           |
| 395112.74  | 3817148.61 | 443.63147  | (20112006) | 395133.24 |
| 3817161.84 | 467.96410  | (18111106) |            |           |
| 395153.75  | 3817175.07 | 470.63019  | (17122124) | 395174.25 |
| 3817188.29 | 480.90148  | (17020108) |            |           |
| 395194.76  | 3817201.52 | 502.77067  | (19102404) | 395215.26 |
| 3817214.75 | 498.62001  | (19120307) |            |           |
| 395235.77  | 3817227.98 | 483.33041  | (19120307) | 395256.27 |
| 3817241.20 | 477.65023  | (20011901) |            |           |
| 395276.78  | 3817254.43 | 482.23424  | (19100306) | 395297.29 |
| 3817267.66 | 478.05352  | (18020201) |            |           |
| 394750.95  | 3817034.23 | 498.31119  | (17010808) | 394771.45 |
| 3817047.46 | 459.11048  | (17041504) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 459

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |
| - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817073.91 | 394791.96 | 3817060.68 | 473.07032  | (19010202) | 394812.46 |
|            |           | 479.65055  | (18030505) |            |           |
| 3817153.28 | 394914.99 | 3817140.05 | 421.87781  | (16121908) | 394935.50 |
|            |           | 448.70718  | (16040405) |            |           |
| 3817179.73 | 394956.00 | 3817166.50 | 461.11270  | (17010805) | 394976.51 |
|            |           | 474.31196  | (20011518) |            |           |
| 3817259.10 | 395079.03 | 3817245.87 | 476.96840  | (19120405) | 395099.54 |
|            |           | 487.37036  | (19120405) |            |           |
| 3817285.55 | 395120.05 | 3817272.33 | 482.57877  | (17101505) | 395140.55 |
|            |           | 474.29424  | (17101505) |            |           |
| 3817312.01 | 395161.06 | 3817298.78 | 472.35026  | (20040704) | 395181.56 |
|            |           | 466.97342  | (20040704) |            |           |
| 3817338.46 | 395202.07 | 3817325.24 | 446.77457  | (17122124) | 395222.57 |
|            |           | 458.98129  | (17122124) |            |           |
| 3817131.49 | 395243.08 | 3817351.69 | 426.32233  | (17020108) | 394717.25 |
|            |           | 468.55036  | (17021123) |            |           |
| 3817157.94 | 394737.75 | 3817144.72 | 458.42261  | (16083102) | 394758.26 |
|            |           | 511.59052  | (17111118) |            |           |
| 3817184.40 | 394778.76 | 3817171.17 | 482.71101  | (19120218) | 394799.27 |
|            |           | 528.03671  | (17010802) |            |           |
| 3817250.54 | 394881.29 | 3817237.31 | 505.18189  | (19102022) | 394901.79 |
|            |           | 500.91298  | (18020224) |            |           |
| 3817276.99 | 394922.30 | 3817263.76 | 443.26345  | (17031207) | 394942.80 |
|            |           | 505.49202  | (20112808) |            |           |
| 3817356.36 | 395045.33 | 3817343.13 | 420.26677  | (16122022) | 395065.84 |
|            |           | 447.42266  | (16100904) |            |           |
| 3817382.81 | 395086.34 | 3817369.59 | 440.26221  | (17102307) | 395106.85 |
|            |           | 429.92655  | (18031907) |            |           |
| 3817409.27 | 395127.35 | 3817396.04 | 454.11841  | (19120405) | 395147.86 |
|            |           | 419.81963  | (19012724) |            |           |
| 3817435.72 | 395168.36 | 3817422.50 | 445.25737  | (17101505) | 395188.87 |
|            |           | 411.75413  | (17101505) |            |           |
| 3817241.98 | 394683.54 | 3817228.75 | 461.30361  | (17112921) | 394704.05 |
|            |           | 424.21235  | (17010808) |            |           |
| 3817268.43 | 394724.55 | 3817255.20 | 467.75697  | (17111118) | 394745.06 |
|            |           | 486.54600  | (16102921) |            |           |
| 3817334.57 | 394765.56 | 3817281.66 | 465.30452  | (19120218) | 394847.59 |
|            |           | 436.19700  | (16060402) |            |           |
| 3817361.03 | 394868.09 | 3817347.80 | 427.15237  | (19102022) | 394888.60 |
|            |           | 462.82852  | (19102022) |            |           |
| 3817387.48 | 394909.10 | 3817374.25 | 450.19214  | (18020224) | 394929.61 |
|            |           | 405.44318  | (17031207) |            |           |
| 3817413.94 | 394950.11 | 3817400.71 | 465.11264  | (20112808) | 394970.62 |
|            |           | 445.78105  | (16122919) |            |           |
| 3817440.39 | 394991.12 | 3817427.16 | 429.55423  | (16012707) | 395011.63 |
|            |           | 413.63263  | (19112108) |            |           |
| 3817466.85 | 395032.13 | 3817453.62 | 443.96856  | (19112108) | 395052.64 |
|            |           | 368.33777  | (19122305) |            |           |
| 3817493.30 | 395073.15 | 3817480.07 | 375.26441  | (16122022) | 395093.65 |
|            |           | 403.86099  | (16100904) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395114.16  | 3817506.53 | 397.53113  | (17102307) | 395134.66 |
| 3817519.76 | 385.95010  | (18031907) |            |           |
| 394466.00  | 3817385.92 | 414.44696  | (18100905) | 394486.51 |
| 3817399.15 | 399.16904  | (20091423) |            |           |
| 394507.01  | 3817412.37 | 429.29994  | (20122117) | 394527.52 |
| 3817425.60 | 371.55927  | (17011408) |            |           |
| 394548.02  | 3817438.83 | 437.27335  | (19122402) | 394568.53 |
| 3817452.06 | 432.10133  | (16032003) |            |           |
| 394589.03  | 3817465.29 | 426.30899  | (19110502) | 394609.54 |
| 3817478.51 | 378.51602  | (18012218) |            |           |
| 394630.04  | 3817491.74 | 350.85373  | (17112921) | 394650.55 |
| 3817504.97 | 340.87781  | (17010808) |            |           |
| 394671.05  | 3817518.20 | 375.34493  | (17111118) | 394691.56 |
| 3817531.42 | 410.59366  | (17111118) |            |           |
| 394773.58  | 3817584.33 | 394.60135  | (16050324) | 394794.09 |
| 3817597.56 | 396.29585  | (18010220) |            |           |
| 394814.59  | 3817610.79 | 387.87660  | (16060402) | 394835.10 |
| 3817624.02 | 362.27988  | (16060402) |            |           |
| 394855.60  | 3817637.25 | 314.92956  | (17113008) | 394876.11 |
| 3817650.47 | 380.39006  | (19102022) |            |           |
| 394896.61  | 3817663.70 | 376.94276  | (18020224) | 394917.12 |
| 3817676.93 | 364.98276  | (18020224) |            |           |
| 394937.62  | 3817690.16 | 323.42074  | (20022706) | 394958.13 |
| 3817703.38 | 355.62767  | (20112808) |            |           |
| 394978.64  | 3817716.61 | 370.30940  | (20112808) | 394999.14 |
| 3817729.84 | 356.01089  | (16122919) |            |           |
| 394330.48  | 3817596.00 | 373.76560  | (20022707) | 394350.99 |
| 3817609.23 | 331.71344  | (20022707) |            |           |
| 394371.49  | 3817622.46 | 348.88097  | (18100905) | 394392.00 |
| 3817635.68 | 331.54260  | (20091423) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 460

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |



|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| -----      |           |            |           |            |           |
|            | 394412.50 | 3817648.91 | 363.86586 | (20122117) | 394433.01 |
| 3817662.14 | 306.43161 | (20122117) |           |            |           |
|            | 394453.51 | 3817675.37 | 332.62413 | (19122402) | 394474.02 |
| 3817688.59 | 363.83965 | (19122402) |           |            |           |
|            | 394494.52 | 3817701.82 | 359.44813 | (16032003) | 394515.03 |
| 3817715.05 | 358.95498 | (19110502) |           |            |           |
|            | 394535.53 | 3817728.28 | 323.96484 | (18012218) | 394556.04 |
| 3817741.51 | 309.48557 | (17112921) |           |            |           |
|            | 394576.55 | 3817754.73 | 283.15203 | (17021123) | 394597.05 |
| 3817767.96 | 275.56073 | (17010808) |           |            |           |
|            | 394617.56 | 3817781.19 | 301.62491 | (17111118) | 394699.58 |
| 3817834.10 | 333.42650 | (19120218) |           |            |           |
|            | 394720.08 | 3817847.33 | 327.94453 | (17010802) | 394740.59 |
| 3817860.55 | 330.64703 | (17010802) |           |            |           |
|            | 394761.09 | 3817873.78 | 327.67473 | (16050324) | 394781.60 |
| 3817887.01 | 329.17548 | (18010220) |           |            |           |
|            | 394802.10 | 3817900.24 | 322.22236 | (16060402) | 394822.61 |
| 3817913.47 | 299.90701 | (16060402) |           |            |           |
|            | 394843.12 | 3817926.69 | 263.60443 | (17113008) | 394863.62 |
| 3817939.92 | 295.04389 | (19102022) |           |            |           |
|            | 394194.96 | 3817806.08 | 299.89453 | (20011802) | 394215.47 |
| 3817819.31 | 306.53978 | (20022707) |           |            |           |
|            | 394235.97 | 3817832.54 | 307.29808 | (20022707) | 394256.48 |
| 3817845.77 | 275.22330 | (18100905) |           |            |           |
|            | 394276.98 | 3817858.99 | 291.45538 | (18100905) | 394297.49 |
| 3817872.22 | 278.03665 | (20091423) |           |            |           |
|            | 394317.99 | 3817885.45 | 307.53106 | (20122117) | 394338.50 |
| 3817898.68 | 279.46313 | (20122117) |           |            |           |
|            | 394359.00 | 3817911.90 | 254.88774 | (17011408) | 394379.51 |
| 3817925.13 | 298.66728 | (19122402) |           |            |           |
|            | 394400.01 | 3817938.36 | 300.49466 | (19122402) | 394420.52 |
| 3817951.59 | 301.43782 | (16032003) |           |            |           |
|            | 394625.57 | 3818083.86 | 281.19039 | (16102921) | 394646.08 |
| 3818097.09 | 246.11329 | (19120218) |           |            |           |
|            | 394666.58 | 3818110.32 | 280.71660 | (19120218) | 394687.09 |
| 3818123.55 | 274.04004 | (19120218) |           |            |           |
|            | 394707.60 | 3818136.77 | 280.10424 | (17010802) | 394728.10 |
| 3818150.00 | 275.93678 | (16050324) |           |            |           |
|            | 394059.44 | 3818016.16 | 268.52350 | (20011802) | 394079.95 |
| 3818029.39 | 260.50499 | (20011802) |           |            |           |
|            | 394100.45 | 3818042.62 | 250.50792 | (20022707) | 394120.96 |
| 3818055.85 | 268.83048 | (20022707) |           |            |           |
|            | 394141.46 | 3818069.07 | 243.70867 | (20022707) | 394161.97 |
| 3818082.30 | 243.63723 | (18100905) |           |            |           |
|            | 394182.47 | 3818095.53 | 245.08676 | (18100905) | 394202.98 |
| 3818108.76 | 236.16501 | (20091423) |           |            |           |
|            | 394428.54 | 3818254.26 | 217.43199 | (17112921) | 394449.04 |
| 3818267.49 | 197.53093 | (17112921) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394469.55  | 3818280.72 | 189.89049  | (17021123) | 394490.05 |
| 3818293.95 | 189.66405  | (17010808) |            |           |
| 394510.56  | 3818307.17 | 204.54597  | (17111118) | 394531.06 |
| 3818320.40 | 238.49285  | (17111118) |            |           |
| 394551.57  | 3818333.63 | 243.97809  | (17111118) | 394572.07 |
| 3818346.86 | 240.55775  | (16102921) |            |           |
| 394592.58  | 3818360.08 | 231.50961  | (16102921) | 393788.40 |
| 3818436.33 | 198.92560  | (19120105) |            |           |
| 393808.91  | 3818449.55 | 204.78595  | (19120105) | 394034.46 |
| 3818595.06 | 197.25531  | (20122117) |            |           |
| 394054.97  | 3818608.29 | 196.67674  | (20122117) | 394075.48 |
| 3818621.51 | 176.87744  | (20122117) |            |           |
| 394095.98  | 3818634.74 | 156.83561  | (17011408) | 394116.49 |
| 3818647.97 | 172.89768  | (19122402) |            |           |
| 394136.99  | 3818661.20 | 194.01288  | (19122402) | 394157.50 |
| 3818674.43 | 197.00489  | (19122402) |            |           |
| 394178.00  | 3818687.65 | 194.70819  | (16032003) | 394198.51 |
| 3818700.88 | 193.06402  | (16032003) |            |           |
| 394219.01  | 3818714.11 | 195.17086  | (19110502) | 394239.52 |
| 3818727.34 | 189.46620  | (19110502) |            |           |
| 394260.02  | 3818740.56 | 173.36900  | (18012218) | 394280.53 |
| 3818753.79 | 165.21278  | (18012218) |            |           |
| 394301.03  | 3818767.02 | 163.49562  | (17112921) | 394321.54 |
| 3818780.25 | 153.36717  | (17112921) |            |           |
| 393619.89  | 3818922.63 | 161.12108  | (20011802) | 393640.39 |
| 3818935.86 | 149.12887  | (20011802) |            |           |
| 393660.90  | 3818949.08 | 147.55626  | (20022707) | 393681.40 |
| 3818962.31 | 159.80724  | (20022707) |            |           |
| 393701.91  | 3818975.54 | 160.32703  | (20022707) | 393722.41 |
| 3818988.77 | 149.07194  | (20022707) |            |           |
| 393742.92  | 3819001.99 | 135.30426  | (18100905) | 393763.42 |
| 3819015.22 | 147.21800  | (18100905) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 461

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 393783.93   | 3819028.45  | 148.59650  | (18100905) | 393804.43   |
| 3819041.68  | 139.22154   | (18100905) |            |             |
| 393824.94   | 3819054.91  | 141.29498  | (20122117) | 393845.45   |
| 3819068.13  | 154.92345   | (20122117) |            |             |
| 393865.95   | 3819081.36  | 157.84722  | (20122117) | 393886.46   |
| 3819094.59  | 149.55009   | (20122117) |            |             |
| 393906.96   | 3819107.82  | 131.84971  | (20122117) | 393927.47   |
| 3819121.04  | 124.57622   | (17011408) |            |             |
| 393947.97   | 3819134.27  | 134.91462  | (19122402) | 393968.48   |
| 3819147.50  | 150.63822   | (19122402) |            |             |
| 393988.98   | 3819160.73  | 156.75733  | (19122402) | 394009.49   |
| 3819173.95  | 152.16401   | (19122402) |            |             |
| 394029.99   | 3819187.18  | 155.15475  | (16032003) | 394050.50   |
| 3819200.41  | 152.16253   | (16032003) |            |             |
| 393246.32   | 3819276.65  | 132.55182  | (17031323) | 393266.82   |
| 3819289.88  | 127.67716   | (19120504) |            |             |
| 393287.33   | 3819303.11  | 130.33968  | (19120504) | 393307.84   |
| 3819316.34  | 128.26037   | (19120105) |            |             |
| 393328.34   | 3819329.56  | 133.71614  | (19120105) | 393348.85   |
| 3819342.79  | 131.54199   | (19120105) |            |             |
| 393369.35   | 3819356.02  | 132.49800  | (20011802) | 393389.86   |
| 3819369.25  | 133.17255   | (20011802) |            |             |
| 393410.36   | 3819382.47  | 126.36512  | (20011802) | 393430.87   |
| 3819395.70  | 113.51902   | (20022707) |            |             |
| 393451.37   | 3819408.93  | 126.19758  | (20022707) | 393471.88   |
| 3819422.16  | 132.49936   | (20022707) |            |             |
| 393492.38   | 3819435.39  | 131.42341  | (20022707) | 393512.89   |
| 3819448.61  | 123.18781   | (20022707) |            |             |
| 393533.39   | 3819461.84  | 109.15351  | (20022707) | 393553.90   |
| 3819475.07  | 118.24306   | (18100905) |            |             |
| 393574.41   | 3819488.30  | 122.74415  | (18100905) | 393594.91   |
| 3819501.52  | 120.51704   | (18100905) |            |             |
| 393615.42   | 3819514.75  | 115.07371  | (20091423) | 393635.92   |
| 3819527.98  | 116.30421   | (20122117) |            |             |
| 393656.43   | 3819541.21  | 126.52088  | (20122117) | 393676.93   |
| 3819554.43  | 130.30845   | (20122117) |            |             |
| 393697.44   | 3819567.66  | 127.12430  | (20122117) | 393717.94   |
| 3819580.89  | 117.52281   | (20122117) |            |             |
| 393738.45   | 3819594.12  | 102.99460  | (20122117) | 393758.95   |
| 3819607.35  | 102.79195   | (17011408) |            |             |
| 393779.46   | 3819620.57  | 109.81215  | (19122402) | 392975.28   |
| 3819696.82  | 112.16095   | (17031323) |            |             |
| 392995.78   | 3819710.04  | 112.19006  | (17031323) | 393016.29   |
| 3819723.27  | 107.23799   | (17031323) |            |             |
| 393036.79   | 3819736.50  | 109.95739  | (19120504) | 393057.30   |
| 3819749.73  | 108.58463   | (19120504) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393077.81  | 3819762.95 | 110.78291  | (19120105) | 393098.31 |
| 3819776.18 | 113.02856  | (19120105) |            |           |
| 393118.82  | 3819789.41 | 110.24209  | (19120105) | 393139.32 |
| 3819802.64 | 111.80054  | (20011802) |            |           |
| 393159.83  | 3819815.87 | 112.68721  | (20011802) | 393180.33 |
| 3819829.09 | 108.61636  | (20011802) |            |           |
| 393200.84  | 3819842.32 | 100.12786  | (20011802) | 393221.34 |
| 3819855.55 | 101.15522  | (20022707) |            |           |
| 393241.85  | 3819868.78 | 108.90905  | (20022707) | 393262.35 |
| 3819882.00 | 112.17386  | (20022707) |            |           |
| 393282.86  | 3819895.23 | 110.55394  | (20022707) | 393303.36 |
| 3819908.46 | 104.28006  | (20022707) |            |           |
| 393323.87  | 3819921.69 | 94.15513   | (20022707) | 393344.38 |
| 3819934.91 | 97.23442   | (18100905) |            |           |
| 393364.88  | 3819948.14 | 102.48902  | (18100905) | 393385.39 |
| 3819961.37 | 103.44652  | (18100905) |            |           |
| 393405.89  | 3819974.60 | 100.00926  | (18100905) | 393426.40 |
| 3819987.83 | 97.45294   | (20091423) |            |           |
| 393446.90  | 3820001.05 | 98.12214   | (20122117) | 393467.41 |
| 3820014.28 | 106.02593  | (20122117) |            |           |
| 393487.91  | 3820027.51 | 109.79900  | (20122117) | 393508.42 |
| 3820040.74 | 109.01015  | (20122117) |            |           |
| 392252.50  | 3820817.25 | 78.05643   | (16121406) | 392273.01 |
| 3820830.48 | 76.07795   | (16121406) |            |           |
| 392293.51  | 3820843.71 | 76.59578   | (17031323) | 392314.02 |
| 3820856.93 | 78.03005   | (17031323) |            |           |
| 392334.53  | 3820870.16 | 77.41178   | (17031323) | 392355.03 |
| 3820883.39 | 74.79278   | (17031323) |            |           |
| 392375.54  | 3820896.62 | 75.30275   | (19120504) | 392396.04 |
| 3820909.85 | 76.04641   | (19120504) |            |           |
| 392416.55  | 3820923.07 | 74.79795   | (19120504) | 392437.05 |
| 3820936.30 | 75.68859   | (19120105) |            |           |
| 392457.56  | 3820949.53 | 77.81518   | (19120105) | 392478.06 |
| 3820962.76 | 77.92487   | (19120105) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 462

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392498.57   | 3820975.98          | 76.01439   | (19120105) | 392519.07   |
| 3820989.21  | 76.47698 (20011802) |            |            |             |
| 392539.58   | 3821002.44          | 77.98220   | (20011802) | 392560.08   |
| 3821015.67  | 77.46682 (20011802) |            |            |             |
| 392580.59   | 3821028.89          | 74.97633   | (20011802) | 392601.10   |
| 3821042.12  | 70.70357 (20011802) |            |            |             |
| 392621.60   | 3821055.35          | 65.18518   | (20022707) | 392642.11   |
| 3821068.58  | 70.75212 (20022707) |            |            |             |
| 392662.61   | 3821081.81          | 74.82676   | (20022707) | 392683.12   |
| 3821095.03  | 77.11855 (20022707) |            |            |             |
| 392703.62   | 3821108.26          | 77.45969   | (20022707) | 392724.13   |
| 3821121.49  | 75.83093 (20022707) |            |            |             |
| 392744.63   | 3821134.72          | 72.36270   | (20022707) | 392765.14   |
| 3821147.94  | 67.31506 (20022707) |            |            |             |
| 392785.64   | 3821161.17          | 63.00648   | (18100905) | 391529.73   |
| 3821937.69  | 57.78680 (16121406) |            |            |             |
| 391550.23   | 3821950.91          | 58.57736   | (16121406) | 391570.74   |
| 3821964.14  | 58.34447 (16121406) |            |            |             |
| 391591.25   | 3821977.37          | 57.10024   | (16121406) | 391611.75   |
| 3821990.60  | 56.66645 (17031323) |            |            |             |
| 391632.26   | 3822003.82          | 58.06904   | (17031323) | 391652.76   |
| 3822017.05  | 58.47145 (17031323) |            |            |             |
| 391673.27   | 3822030.28          | 57.85380   | (17031323) | 391693.77   |
| 3822043.51  | 56.24953 (17031323) |            |            |             |
| 391714.28   | 3822056.74          | 55.77899   | (19120504) | 391734.78   |
| 3822069.96  | 56.78434 (19120504) |            |            |             |
| 391755.29   | 3822083.19          | 56.80699   | (19120504) | 391775.79   |
| 3822096.42  | 55.84673 (19120504) |            |            |             |
| 391796.30   | 3822109.65          | 56.14725   | (19120105) | 391816.80   |
| 3822122.87  | 57.79424 (19120105) |            |            |             |
| 391837.31   | 3822136.10          | 58.46374   | (19120105) | 391857.82   |
| 3822149.33  | 58.12173 (19120105) |            |            |             |
| 391878.32   | 3822162.56          | 56.78818   | (19120105) | 391898.83   |
| 3822175.78  | 56.76090 (20011802) |            |            |             |
| 391919.33   | 3822189.01          | 58.06644   | (20011802) | 391939.84   |
| 3822202.24  | 58.38381 (20011802) |            |            |             |
| 391960.34   | 3822215.47          | 57.69837   | (20011802) | 391980.85   |
| 3822228.70  | 56.04683 (20011802) |            |            |             |
| 392001.35   | 3822241.92          | 53.51600   | (20011802) | 392021.86   |
| 3822255.15  | 50.22893 (20011802) |            |            |             |
| 392042.36   | 3822268.38          | 50.03098   | (20022707) | 392062.87   |
| 3822281.61  | 53.27260 (20022707) |            |            |             |
| 390806.95   | 3823058.12          | 43.85128   | (16121406) | 390827.46   |
| 3823071.35  | 45.26052 (16121406) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390847.97  | 3823084.58 | 46.13050   | (16121406) | 390868.47 |
| 3823097.80 | 46.42920   | (16121406) |            |           |
| 390888.98  | 3823111.03 | 46.14604   | (16121406) | 390909.48 |
| 3823124.26 | 45.29197   | (16121406) |            |           |
| 390929.99  | 3823137.49 | 44.42276   | (17031323) | 390950.49 |
| 3823150.72 | 45.60253   | (17031323) |            |           |
| 390971.00  | 3823163.94 | 46.22983   | (17031323) | 390991.50 |
| 3823177.17 | 46.28140   | (17031323) |            |           |
| 391012.01  | 3823190.40 | 45.75578   | (17031323) | 391032.51 |
| 3823203.63 | 44.67329   | (17031323) |            |           |
| 391053.02  | 3823216.85 | 43.76036   | (19120504) | 391073.52 |
| 3823230.08 | 44.68580   | (19120504) |            |           |
| 391094.03  | 3823243.31 | 45.06386   | (19120504) | 391114.54 |
| 3823256.54 | 44.88062   | (19120504) |            |           |
| 391135.04  | 3823269.76 | 44.14410   | (19120504) | 391155.55 |
| 3823282.99 | 44.15111   | (19120105) |            |           |
| 391176.05  | 3823296.22 | 45.41752   | (19120105) | 391196.56 |
| 3823309.45 | 46.14209   | (19120105) |            |           |
| 391217.06  | 3823322.68 | 46.29828   | (19120105) | 391237.57 |
| 3823335.90 | 45.88150   | (19120105) |            |           |
| 391258.07  | 3823349.13 | 44.90787   | (19120105) | 391278.58 |
| 3823362.36 | 44.64933   | (20011802) |            |           |
| 391299.08  | 3823375.59 | 45.70361   | (20011802) | 391319.59 |
| 3823388.81 | 46.20739   | (20011802) |            |           |
| 391340.09  | 3823402.04 | 46.14272   | (20011802) | 390084.18 |
| 3824178.56 | 34.30423   | (16121406) |            |           |
| 390104.69  | 3824191.78 | 35.71865   | (16121406) | 390125.19 |
| 3824205.01 | 36.83934   | (16121406) |            |           |
| 390145.70  | 3824218.24 | 37.63622   | (16121406) | 390166.20 |
| 3824231.47 | 38.08662   | (16121406) |            |           |
| 390186.71  | 3824244.69 | 38.17842   | (16121406) | 390207.21 |
| 3824257.92 | 37.90901   | (16121406) |            |           |
| 390227.72  | 3824271.15 | 37.28603   | (16121406) | 390248.22 |
| 3824284.38 | 36.32749   | (16121406) |            |           |
| 390268.73  | 3824297.61 | 37.18441   | (17031323) | 390289.23 |
| 3824310.83 | 37.81761   | (17031323) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 463

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|--------------------|------------|-------------|
| -----       |             |                     |                    |            |             |
| 3824337.29  | 390309.74   | 3824324.06          | 38.09927           | (17031323) | 390330.24   |
|             |             | 38.02131 (17031323) |                    |            |             |
| 3824363.74  | 390350.75   | 3824350.52          | 37.58618           | (17031323) | 390371.26   |
|             |             | 36.80654 (17031323) |                    |            |             |
| 3824390.20  | 390391.76   | 3824376.97          | 35.70431           | (17031323) | 390412.27   |
|             |             | 36.48635 (19120504) |                    |            |             |
| 3824416.65  | 390432.77   | 3824403.43          | 36.94507           | (19120504) | 390453.28   |
|             |             | 37.05841 (19120504) |                    |            |             |
| 3824443.11  | 390473.78   | 3824429.88          | 36.82331           | (19120504) | 390494.29   |
|             |             | 36.24660 (19120504) |                    |            |             |
| 3824469.57  | 390514.79   | 3824456.34          | 36.09607           | (19120105) | 390535.30   |
|             |             | 37.08696 (19120105) |                    |            |             |
| 3824496.02  | 390555.80   | 3824482.79          | 37.74783           | (19120105) | 390576.31   |
|             |             | 38.06144 (19120105) |                    |            |             |
| 3824522.48  | 390596.81   | 3824509.25          | 38.01903           | (19120105) | 390617.32   |
|             |             | 37.62225 (19120105) |                    |            |             |
| 3825312.22  | 389361.41   | 3825298.99          | 27.82626           | (20020718) | 389381.91   |
|             |             | 28.80497 (16121406) |                    |            |             |
| 3825338.67  | 389402.42   | 3825325.45          | 29.89749           | (16121406) | 389422.92   |
|             |             | 30.80029 (16121406) |                    |            |             |
| 3825365.13  | 389443.43   | 3825351.90          | 31.49514           | (16121406) | 389463.93   |
|             |             | 31.96626 (16121406) |                    |            |             |
| 3825391.59  | 389484.44   | 3825378.36          | 32.20374           | (16121406) | 389504.94   |
|             |             | 32.20219 (16121406) |                    |            |             |
| 3825418.04  | 389525.45   | 3825404.81          | 31.96188           | (16121406) | 389545.95   |
|             |             | 31.48820 (16121406) |                    |            |             |
| 3825444.50  | 389566.46   | 3825431.27          | 30.79144           | (16121406) | 389586.96   |
|             |             | 31.12979 (17031323) |                    |            |             |
| 3825470.95  | 389607.47   | 3825457.72          | 31.62241           | (17031323) | 389627.98   |
|             |             | 32.05347 (17031323) |                    |            |             |
| 3825497.41  | 389648.48   | 3825484.18          | 32.17270           | (17031323) | 389668.99   |
|             |             | 32.04825 (17031323) |                    |            |             |
| 3825523.86  | 389689.49   | 3825510.63          | 31.27021           | (17031323) | 389710.00   |
|             |             | 29.67216 (17031323) |                    |            |             |
| 3825550.32  | 389730.50   | 3825537.09          | 27.94230           | (17031323) | 389751.01   |
|             |             | 28.10353 (19120504) |                    |            |             |
| 3825576.77  | 389771.51   | 3825563.55          | 28.13455           | (19120504) | 389792.02   |
|             |             | 27.99261 (19120504) |                    |            |             |
| 3825603.23  | 389812.52   | 3825590.00          | 27.89767           | (19120504) | 389833.03   |
|             |             | 28.20969 (19120504) |                    |            |             |
| 3825629.68  | 389853.53   | 3825616.46          | 28.71253           | (19120504) | 389874.04   |
|             |             | 29.25406 (19120105) |                    |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 389894.55  | 3825642.91           | 30.47599  | (19120105) | 388638.63 |
| 3826419.43 | 24.02906 (20020718)  |           |            |           |
| 388659.14  | 3826432.65           | 23.92853  | (20020718) | 388679.64 |
| 3826445.88 | 24.68544 (16121406)  |           |            |           |
| 388700.15  | 3826459.11           | 25.55302  | (16121406) | 388720.65 |
| 3826472.34 | 26.29180 (16121406)  |           |            |           |
| 388741.16  | 3826485.57           | 26.88967  | (16121406) | 388761.66 |
| 3826498.79 | 27.33570 (16121406)  |           |            |           |
| 388782.17  | 3826512.02           | 27.62253  | (16121406) | 388802.67 |
| 3826525.25 | 27.74475 (16121406)  |           |            |           |
| 388823.18  | 3826538.48           | 27.70034  | (16121406) | 388843.68 |
| 3826551.70 | 27.49025 (16121406)  |           |            |           |
| 388864.19  | 3826564.93           | 27.11804  | (16121406) | 388884.70 |
| 3826578.16 | 26.59050 (16121406)  |           |            |           |
| 388905.20  | 3826591.39           | 26.60049  | (17031323) | 388925.71 |
| 3826604.61 | 27.11228 (17031323)  |           |            |           |
| 388946.21  | 3826617.84           | 27.46827  | (17031323) | 388966.72 |
| 3826631.07 | 27.66239 (17031323)  |           |            |           |
| 388987.22  | 3826644.30           | 27.69109  | (17031323) | 389007.73 |
| 3826657.53 | 27.55398 (17031323)  |           |            |           |
| 389028.23  | 3826670.75           | 27.25379  | (17031323) | 389048.74 |
| 3826683.98 | 26.79560 (17031323)  |           |            |           |
| 389069.24  | 3826697.21           | 26.18794  | (17031323) | 389089.75 |
| 3826710.44 | 26.14614 (19120504)  |           |            |           |
| 389110.25  | 3826723.66           | 26.56018  | (19120504) | 389130.76 |
| 3826736.89 | 26.81992 (19120504)  |           |            |           |
| 389151.27  | 3826750.12           | 26.92058  | (19120504) | 389171.77 |
| 3826763.35 | 26.86053 (19120504)  |           |            |           |
| 395593.82  | 3816851.87           | 39.95663  | (19021103) | 395582.25 |
| 3816881.42 | 41.60465 (20011208)  |           |            |           |
| 395423.28  | 3816907.29           | 52.68511  | (16120501) | 395380.25 |
| 3816932.74 | 62.83140 (19032422)  |           |            |           |
| 395347.16  | 3816975.02           | 120.17913 | (19121602) | 395304.12 |
| 3817000.48 | 178.27215 (19110101) |           |            |           |
| 395208.10  | 3817034.55           | 300.99214 | (19122102) | 395228.00 |
| 3817068.21 | 355.67284 (19122102) |           |            |           |
| 395122.02  | 3817085.45           | 410.88111 | (17112807) | 395141.93 |
| 3817119.11 | 414.78117 (17112807) |           |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 464

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 395035.95   | 3817136.36  | 452.20779      | (16091505) | 395055.86          |  |
| 3817170.02  | 497.58147   | (18031907)     |            |                    |  |
| 394979.74   | 3817237.75  | 462.42672      | (16012707) | 394883.71          |  |
| 3817271.83  | 496.25945   | (19102022)     |            |                    |  |
| 394648.62   | 3817365.43  | 415.83912      | (17112921) | 394668.52          |  |
| 3817399.09  | 368.15206   | (17010808)     |            |                    |  |
| 394443.38   | 3817509.52  | 365.67700      | (20091423) | 394463.29          |  |
| 3817543.18  | 379.20707   | (20122117)     |            |                    |  |
| 394003.06   | 3817747.21  | 265.35331      | (17091023) | 394022.97          |  |
| 3817780.87  | 265.21188   | (20020718)     |            |                    |  |
| 393572.69   | 3818001.74  | 176.58121      | (16031907) | 393592.60          |  |
| 3818035.40  | 179.86648   | (16031907)     |            |                    |  |
| 393142.32   | 3818256.26  | 132.16452      | (20010717) | 393162.23          |  |
| 3818289.92  | 146.28003   | (20010717)     |            |                    |  |
| 392741.81   | 3818561.27  | 124.76075      | (17010720) | 392281.58          |  |
| 3818765.30  | 98.16627    | (18111302)     |            |                    |  |
| 392301.49   | 3818798.96  | 100.97468      | (18091303) | 391133.93          |  |
| 3819444.03  | 64.64494    | (19112123)     |            |                    |  |
| 391153.84   | 3819477.69  | 70.09064       | (19111222) | 389986.28          |  |
| 3820122.76  | 62.33623    | (16022104)     |            |                    |  |
| 390006.18   | 3820156.42  | 59.86505       | (16022104) | 388838.62          |  |
| 3820801.48  | 47.58608    | (17010803)     |            |                    |  |
| 388858.53   | 3820835.14  | 47.00178       | (17010803) | 387690.97          |  |
| 3821480.21  | 39.67041    | (16102117)     |            |                    |  |
| 387710.88   | 3821513.87  | 38.58101       | (16102117) | 386543.32          |  |
| 3822158.94  | 32.05119    | (16102117)     |            |                    |  |
| 386563.22   | 3822192.60  | 33.06647       | (16102117) | 395615.91          |  |
| 3816879.15  | 42.64961    | (19122422)     |            |                    |  |
| 395638.78   | 3816888.40  | 43.93002       | (19122422) | 395661.64          |  |
| 3816897.65  | 45.96356    | (17122406)     |            |                    |  |
| 395606.54   | 3816902.32  | 45.08364       | (20011208) | 395629.40          |  |
| 3816911.57  | 46.15589    | (18022406)     |            |                    |  |
| 395652.27   | 3816920.82  | 49.78528       | (17122323) | 395578.95          |  |
| 3816909.82  | 43.98345    | (16011219)     |            |                    |  |
| 395597.16   | 3816925.50  | 46.69403       | (16011219) | 395620.03          |  |
| 3816934.75  | 51.47138    | (16021405)     |            |                    |  |
| 395642.89   | 3816944.00  | 56.66195       | (16021405) | 395571.60          |  |
| 3816934.74  | 50.38592    | (18022004)     |            |                    |  |
| 395610.65   | 3816957.92  | 61.44944       | (16112824) | 395633.52          |  |
| 3816967.17  | 64.01412    | (20121806)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395550.82  | 3816979.35 | 84.44740   | (20120824) | 395532.61 |
| 3816963.67 | 75.89059   | (20120824) |            |           |
| 395569.04  | 3816995.02 | 95.90540   | (20120824) | 395591.90 |
| 3817004.27 | 97.98279   | (20120824) |            |           |
| 395614.77  | 3817013.52 | 101.34864  | (20021024) | 395534.09 |
| 3817027.44 | 138.10529  | (17122704) |            |           |
| 395501.71  | 3816999.58 | 102.24768  | (17122704) | 395573.15 |
| 3817050.62 | 161.31487  | (17120606) |            |           |
| 395596.02  | 3817059.87 | 168.49213  | (17120606) | 395514.19 |
| 3817072.80 | 231.55594  | (19020804) |            |           |
| 395496.84  | 3817057.87 | 197.51148  | (19020804) | 395479.49 |
| 3817042.94 | 171.00756  | (16122004) |            |           |
| 395531.53  | 3817087.72 | 260.30179  | (19020804) | 395554.40 |
| 3817096.97 | 264.49424  | (17011603) |            |           |
| 395577.26  | 3817106.22 | 275.79743  | (19112901) | 395494.57 |
| 3817118.40 | 321.82500  | (19122005) |            |           |
| 395476.35  | 3817102.73 | 285.00682  | (19122005) | 395458.14 |
| 3817087.05 | 246.41547  | (19122005) |            |           |
| 395512.78  | 3817134.07 | 354.01271  | (19021203) | 395535.65 |
| 3817143.32 | 369.96317  | (19122007) |            |           |
| 395558.51  | 3817152.57 | 379.66040  | (16010905) | 395477.03 |
| 3817165.80 | 394.74571  | (19011005) |            |           |
| 395443.03  | 3817136.54 | 343.03368  | (18012408) | 395494.03 |
| 3817180.43 | 442.24319  | (20022007) |            |           |
| 395516.90  | 3817189.68 | 449.14444  | (19100706) | 395539.76 |
| 3817198.93 | 451.71137  | (17100704) |            |           |
| 395438.32  | 3817257.45 | 415.34456  | (20103104) | 395420.10 |
| 3817241.78 | 414.54526  | (18092704) |            |           |
| 395401.89  | 3817226.11 | 417.56875  | (18092704) | 395383.67 |
| 3817210.43 | 413.61329  | (18102517) |            |           |
| 395456.53  | 3817273.13 | 421.11026  | (20103104) | 395479.39 |
| 3817282.38 | 434.01106  | (19120619) |            |           |
| 395502.26  | 3817291.63 | 430.73402  | (19120619) | 395401.22 |
| 3817350.50 | 429.86952  | (19013008) |            |           |
| 395383.41  | 3817335.18 | 428.61449  | (19013008) | 395365.60 |
| 3817319.85 | 422.04886  | (19122821) |            |           |
| 395347.79  | 3817304.53 | 428.35858  | (18091704) | 395329.98 |
| 3817289.20 | 458.17929  | (18091704) |            |           |
| 395187.50  | 3817166.60 | 469.65202  | (17041102) | 395169.69 |
| 3817151.27 | 439.11690  | (18022022) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 465

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395419.03   | 3817365.83  | 422.64541  | (20112801) | 395441.89   |
| 3817375.08  | 426.87419   | (20112801) |            |             |
| 395464.76   | 3817384.33  | 421.63399  | (18121102) | 395362.95   |
| 3817442.55  | 419.17417   | (19100306) |            |             |
| 395344.38   | 3817426.57  | 416.76253  | (19100306) | 395325.81   |
| 3817410.59  | 426.29175   | (20011901) |            |             |
| 395307.24   | 3817394.61  | 428.87582  | (19120307) | 395288.67   |
| 3817378.62  | 447.89563   | (19120307) |            |             |
| 395270.10   | 3817362.64  | 448.00942  | (19102404) | 395177.24   |
| 3817282.74  | 462.55854   | (19122108) |            |             |
| 395158.67   | 3817266.76  | 496.19430  | (20040704) | 395140.10   |
| 3817250.77  | 475.36252   | (17112602) |            |             |
| 395121.52   | 3817234.79  | 503.38929  | (17101505) | 395102.95   |
| 3817218.81  | 489.32885   | (17101505) |            |             |
| 395084.38   | 3817202.83  | 506.93259  | (19120405) | 395381.53   |
| 3817458.53  | 404.50393   | (18020201) |            |             |
| 395404.39   | 3817467.78  | 398.97746  | (18020201) | 395427.26   |
| 3817477.03  | 395.38355   | (18091704) |            |             |
| 395325.81   | 3817535.56  | 390.72954  | (19102404) | 395307.59   |
| 3817519.88  | 372.03311   | (17020108) |            |             |
| 395289.38   | 3817504.21  | 393.60166  | (20050804) | 395271.17   |
| 3817488.54  | 412.97511   | (20050804) |            |             |
| 395252.95   | 3817472.86  | 395.31730  | (20050804) | 395234.74   |
| 3817457.19  | 404.36572   | (20040704) |            |             |
| 395216.52   | 3817441.51  | 436.85298  | (20040704) | 395143.66   |
| 3817378.82  | 427.94092   | (19012724) |            |             |
| 395125.45   | 3817363.15  | 455.82164  | (19120405) | 395107.24   |
| 3817347.47  | 459.82463   | (19120405) |            |             |
| 395089.02   | 3817331.80  | 443.20135  | (18031907) | 395034.38   |
| 3817284.78  | 439.84726   | (16122022) |            |             |
| 395016.16   | 3817269.10  | 458.48238  | (19112108) | 394997.95   |
| 3817253.43  | 509.45334   | (19112108) |            |             |
| 395344.02   | 3817551.23  | 391.60348  | (19102404) | 395366.89   |
| 3817560.48  | 389.77541   | (19120307) |            |             |
| 395389.75   | 3817569.73  | 373.34669  | (20011901) | 395288.57   |
| 3817628.49  | 365.92321   | (20040704) |            |             |
| 395270.62   | 3817613.04  | 384.86556  | (20040704) | 395252.67   |
| 3817597.59  | 372.24513   | (20040704) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395234.72  | 3817582.15 | 369.98845  | (20101624) | 395216.77 |
| 3817566.70 | 398.87806  | (17101505) |            |           |
| 395198.82  | 3817551.25 | 397.03985  | (17101505) | 395180.87 |
| 3817535.81 | 380.23554  | (19012724) |            |           |
| 395162.92  | 3817520.36 | 411.26163  | (19120405) | 395109.07 |
| 3817474.02 | 406.88888  | (17102307) |            |           |
| 395091.12  | 3817458.57 | 409.45603  | (16100904) | 395073.17 |
| 3817443.13 | 407.61696  | (16100904) |            |           |
| 395055.21  | 3817427.68 | 387.96387  | (16122022) | 395037.26 |
| 3817412.23 | 421.37172  | (19112108) |            |           |
| 395019.31  | 3817396.79 | 464.38101  | (19112108) | 395001.36 |
| 3817381.34 | 415.68496  | (19112108) |            |           |
| 394983.41  | 3817365.89 | 450.55387  | (16012707) | 394965.46 |
| 3817350.45 | 465.88401  | (16122919) |            |           |
| 394947.51  | 3817335.00 | 486.97801  | (20112808) | 395306.52 |
| 3817643.93 | 349.11644  | (19122108) |            |           |
| 395329.39  | 3817653.18 | 365.39735  | (20050804) | 395352.25 |
| 3817662.43 | 341.54393  | (20050804) |            |           |
| 395194.34  | 3817859.83 | 305.54913  | (17102307) | 395175.92 |
| 3817843.98 | 304.64031  | (17102307) |            |           |
| 395157.49  | 3817828.13 | 316.95198  | (16100904) | 395139.07 |
| 3817812.27 | 306.17571  | (16100904) |            |           |
| 395120.65  | 3817796.42 | 293.22511  | (16122022) | 395102.22 |
| 3817780.56 | 296.04403  | (19112108) |            |           |
| 395083.80  | 3817764.71 | 346.62962  | (19112108) | 395065.37 |
| 3817748.85 | 360.36075  | (19112108) |            |           |
| 395046.95  | 3817733.00 | 329.66302  | (19112108) | 395028.53 |
| 3817717.15 | 339.13927  | (16012707) |            |           |
| 395010.10  | 3817701.29 | 345.31810  | (16012707) | 394991.68 |
| 3817685.44 | 367.08742  | (16122919) |            |           |
| 394973.26  | 3817669.58 | 384.25106  | (20112808) | 394954.83 |
| 3817653.73 | 367.20505  | (20112808) |            |           |
| 394936.41  | 3817637.88 | 334.44232  | (20022706) | 394917.98 |
| 3817622.02 | 372.50063  | (18020224) |            |           |
| 394899.56  | 3817606.17 | 397.42472  | (18020224) | 394881.14 |
| 3817590.31 | 401.38492  | (19102022) |            |           |
| 394807.44  | 3817526.90 | 421.01498  | (18010220) | 394789.02 |
| 3817511.04 | 421.73550  | (16050324) |            |           |
| 394770.59  | 3817495.19 | 434.28893  | (17010802) | 394752.17 |
| 3817479.34 | 435.35294  | (19120218) |            |           |
| 394733.75  | 3817463.48 | 390.01435  | (16102921) | 394715.32 |
| 3817447.63 | 431.32500  | (16102921) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394696.90   | 3817431.77  | 434.41306  | (17111118) | 395212.77   |
| 3817875.69  | 294.23353   | (18031907) |            |             |
| 395235.63   | 3817884.94  | 310.73566  | (19120405) | 395258.50   |
| 3817894.19  | 314.60706   | (19120405) |            |             |
| 395100.79   | 3818091.77  | 274.94104  | (19112108) | 395082.58   |
| 3818076.09  | 243.33457   | (19112108) |            |             |
| 395064.37   | 3818060.42  | 269.71851  | (19062705) | 395027.94   |
| 3818029.07  | 290.28157   | (16122919) |            |             |
| 395009.72   | 3818013.40  | 292.70396  | (20112808) | 394991.51   |
| 3817997.72  | 308.20930   | (20112808) |            |             |
| 394973.29   | 3817982.05  | 291.59201  | (20112808) | 394955.08   |
| 3817966.38  | 260.42499   | (17031207) |            |             |
| 394936.87   | 3817950.70  | 275.70880  | (20022706) | 394918.65   |
| 3817935.03  | 314.25588   | (18020224) |            |             |
| 394900.44   | 3817919.35  | 318.09994  | (18020224) | 394882.22   |
| 3817903.68  | 324.97996   | (19102022) |            |             |
| 394864.01   | 3817888.01  | 304.76126  | (19102022) | 394845.79   |
| 3817872.33  | 272.14946   | (17113008) |            |             |
| 394827.58   | 3817856.66  | 304.75764  | (16060402) | 394809.36   |
| 3817840.98  | 335.62655   | (16060402) |            |             |
| 394736.51   | 3817778.29  | 354.91066  | (17010802) | 394718.29   |
| 3817762.62  | 357.14279   | (19120218) |            |             |
| 394700.08   | 3817746.94  | 328.30892  | (19120218) | 394681.86   |
| 3817731.27  | 353.03680   | (16102921) |            |             |
| 394663.65   | 3817715.59  | 356.05541  | (17111118) | 394645.44   |
| 3817699.92  | 355.48970   | (17111118) |            |             |
| 394627.22   | 3817684.25  | 298.70841  | (16083102) | 394609.01   |
| 3817668.57  | 292.81825   | (17010808) |            |             |
| 394590.79   | 3817652.90  | 311.93365  | (17112921) | 394572.58   |
| 3817637.22  | 331.84436   | (17112921) |            |             |
| 394554.36   | 3817621.55  | 359.70007  | (19110502) | 394536.15   |
| 3817605.88  | 385.33027   | (19110502) |            |             |
| 394517.93   | 3817590.20  | 385.97430  | (16032003) | 394499.72   |
| 3817574.53  | 390.54180   | (19122402) |            |             |
| 394481.51   | 3817558.85  | 333.78513  | (17011408) | 395119.01   |
| 3818107.44  | 285.24631   | (19112108) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 395141.87  | 3818116.69           | 265.84044 | (19112108) | 395164.74 |
| 3818125.94 | 221.79748 (19122305) |           |            |           |
| 394951.24  | 3818275.50           | 222.40054 | (20022706) | 394932.74 |
| 3818259.58 | 249.76342 (18020224) |           |            |           |
| 394914.23  | 3818243.66           | 263.40591 | (18020224) | 394895.73 |
| 3818227.74 | 258.95373 (19102022) |           |            |           |
| 394877.23  | 3818211.81           | 266.42949 | (19102022) | 394858.72 |
| 3818195.89 | 247.75621 (19102022) |           |            |           |
| 394840.22  | 3818179.97           | 217.86833 | (17113008) | 394821.72 |
| 3818164.05 | 237.84598 (16060402) |           |            |           |
| 394803.21  | 3818148.12           | 271.12422 | (16060402) | 394784.71 |
| 3818132.20 | 275.71837 (16060402) |           |            |           |
| 394766.20  | 3818116.28           | 283.96037 | (18010220) | 394747.70 |
| 3818100.35 | 278.67799 (16050324) |           |            |           |
| 394729.20  | 3818084.43           | 284.83656 | (16050324) | 394655.18 |
| 3818020.74 | 262.60116 (16102921) |           |            |           |
| 394636.68  | 3818004.82           | 296.31918 | (16102921) | 394618.18 |
| 3817988.90 | 295.35338 (17111118) |           |            |           |
| 394599.67  | 3817972.97           | 301.32975 | (17111118) | 394581.17 |
| 3817957.05 | 261.06642 (17111118) |           |            |           |
| 394562.67  | 3817941.13           | 241.54934 | (17010808) | 394544.16 |
| 3817925.21 | 246.07420 (17021123) |           |            |           |
| 394525.66  | 3817909.28           | 264.41380 | (17112921) | 394507.16 |
| 3817893.36 | 273.88712 (17112921) |           |            |           |
| 394488.65  | 3817877.44           | 290.88543 | (18012218) | 394470.15 |
| 3817861.51 | 324.88065 (19110502) |           |            |           |
| 394451.64  | 3817845.59           | 324.53313 | (16032003) | 394433.14 |
| 3817829.67 | 325.53398 (19122402) |           |            |           |
| 394414.64  | 3817813.75           | 319.31774 | (19122402) | 394396.13 |
| 3817797.82 | 274.37801 (17011408) |           |            |           |
| 394377.63  | 3817781.90           | 312.13636 | (20122117) | 394359.13 |
| 3817765.98 | 331.66784 (20122117) |           |            |           |
| 394340.62  | 3817750.06           | 302.83563 | (20091423) | 394322.12 |
| 3817734.13 | 320.17731 (18100905) |           |            |           |
| 394303.62  | 3817718.21           | 301.20190 | (20022707) | 394285.11 |
| 3817702.29 | 345.73003 (20022707) |           |            |           |
| 394266.61  | 3817686.36           | 310.24809 | (20022707) | 395025.25 |
| 3818339.19 | 247.74757 (20112808) |           |            |           |
| 395048.12  | 3818348.44           | 238.92479 | (16122919) | 395070.98 |
| 3818357.69 | 228.03118 (16122919) |           |            |           |
| 394913.16  | 3818555.17           | 220.22933 | (18020224) | 394894.82 |
| 3818539.39 | 219.29140 (19102022) |           |            |           |
| 394876.48  | 3818523.61           | 223.52420 | (19102022) | 394858.14 |
| 3818507.83 | 211.48046 (19102022) |           |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394839.81   | 3818492.05  | 185.17105  | (19102022) | 394821.47   |
| 3818476.27  | 189.94175   | (17113008) |            |             |
| 394803.13   | 3818460.49  | 211.90399  | (16060402) | 394784.79   |
| 3818444.70  | 230.96946   | (16060402) |            |             |
| 394766.45   | 3818428.92  | 231.24114  | (16060402) | 394748.11   |
| 3818413.14  | 237.85017   | (18010220) |            |             |
| 394729.78   | 3818397.36  | 234.16529  | (18010220) | 394711.44   |
| 3818381.58  | 241.23078   | (16050324) |            |             |
| 394693.10   | 3818365.80  | 238.75710  | (17010802) | 394674.76   |
| 3818350.02  | 246.55088   | (17010802) |            |             |
| 394656.42   | 3818334.24  | 245.90892  | (19120218) | 394583.07   |
| 3818271.12  | 250.83284   | (16102921) |            |             |
| 394564.73   | 3818255.34  | 255.52724  | (17111118) | 394546.39   |
| 3818239.56  | 250.58888   | (17111118) |            |             |
| 394528.06   | 3818223.78  | 217.64203  | (17111118) | 394509.72   |
| 3818208.00  | 199.91571   | (17010808) |            |             |
| 394491.38   | 3818192.22  | 199.11399  | (17021123) | 394473.04   |
| 3818176.44  | 209.27916   | (17021123) |            |             |
| 394454.70   | 3818160.66  | 230.06373  | (17112921) | 394436.36   |
| 3818144.87  | 235.25924   | (18012218) |            |             |
| 394418.03   | 3818129.09  | 249.30716  | (19110502) | 394399.69   |
| 3818113.31  | 274.71683   | (19110502) |            |             |
| 394381.35   | 3818097.53  | 270.62201  | (16032003) | 394363.01   |
| 3818081.75  | 272.92549   | (16032003) |            |             |
| 394344.67   | 3818065.97  | 280.60525  | (19122402) | 394326.33   |
| 3818050.19  | 256.34982   | (19122402) |            |             |
| 394308.00   | 3818034.41  | 225.65363  | (17011408) | 394289.66   |
| 3818018.63  | 265.36771   | (20122117) |            |             |
| 394271.32   | 3818002.85  | 283.66549  | (20122117) | 394252.98   |
| 3817987.07  | 256.42922   | (20122117) |            |             |
| 394234.64   | 3817971.29  | 266.42588  | (18100905) | 394216.30   |
| 3817955.51  | 265.11704   | (18100905) |            |             |
| 394197.97   | 3817939.73  | 269.41537  | (20022707) | 394179.63   |
| 3817923.95  | 294.17438   | (20022707) |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393878.71   | 3818289.86  | 223.20032  | (19120105) | 393860.29   |
| 3818274.02  | 218.55085   | (19120504) |            |             |
| 393841.88   | 3818258.18  | 215.61630  | (17031323) | 393823.47   |
| 3818242.34  | 223.82276   | (17031323) |            |             |
| 393805.06   | 3818226.49  | 224.51296  | (16121406) | 393786.65   |
| 3818210.65  | 219.95433   | (16121406) |            |             |
| 393768.24   | 3818194.81  | 199.19636  | (20020718) | 393749.83   |
| 3818178.97  | 198.39089   | (17091023) |            |             |
| 393731.42   | 3818163.12  | 184.98245  | (17091023) | 393713.01   |
| 3818147.28  | 176.54512   | (20111107) |            |             |
| 393694.60   | 3818131.44  | 195.61268  | (20111107) | 393676.19   |
| 3818115.60  | 192.81171   | (20111107) |            |             |
| 393657.78   | 3818099.75  | 169.01508  | (20021404) | 393639.37   |
| 3818083.91  | 171.66161   | (16032302) |            |             |
| 393620.96   | 3818068.07  | 175.70540  | (18011717) | 394743.99   |
| 3819034.46  | 173.96459   | (16060402) |            |             |
| 394766.85   | 3819043.71  | 167.55363  | (16060402) | 394789.72   |
| 3819052.96  | 149.05062   | (16060402) |            |             |
| 394538.02   | 3819482.08  | 140.78949  | (17010802) | 394519.56   |
| 3819466.20  | 144.33277   | (19120218) |            |             |
| 394501.10   | 3819450.32  | 145.31600  | (19120218) | 394482.65   |
| 3819434.43  | 139.65606   | (19120218) |            |             |
| 394464.19   | 3819418.55  | 127.96704  | (19120218) | 394445.73   |
| 3819402.67  | 136.32327   | (16102921) |            |             |
| 394427.27   | 3819386.78  | 145.34479  | (16102921) | 394408.82   |
| 3819370.90  | 147.50360   | (16102921) |            |             |
| 394390.36   | 3819355.02  | 144.68943  | (17111118) | 394371.90   |
| 3819339.14  | 150.70109   | (17111118) |            |             |
| 394353.45   | 3819323.25  | 149.01903  | (17111118) | 394334.99   |
| 3819307.37  | 139.72969   | (17111118) |            |             |
| 394316.53   | 3819291.49  | 124.08820  | (17111118) | 394298.07   |
| 3819275.60  | 115.69044   | (16083102) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3819243.84 | 394279.62 | 3819259.72 | 115.35363  | (17010808) | 394261.16 |
|            |           | 112.99783  | (17021123) |            |           |
|            | 394242.70 | 3819227.96 | 119.51816  | (17021123) | 394224.24 |
| 3819212.07 |           | 122.15949  | (17112921) |            |           |
|            | 394205.79 | 3819196.19 | 131.79575  | (17112921) | 394187.33 |
| 3819180.31 |           | 133.98846  | (17112921) |            |           |
|            | 394168.87 | 3819164.42 | 138.07843  | (18012218) | 394150.42 |
| 3819148.54 |           | 142.76187  | (18012218) |            |           |
|            | 394021.22 | 3819037.36 | 164.46602  | (19122402) | 394002.76 |
| 3819021.48 |           | 154.73412  | (19122402) |            |           |
|            | 393984.30 | 3819005.60 | 135.89249  | (17011408) | 393965.84 |
| 3818989.71 |           | 130.21886  | (16022306) |            |           |
|            | 393947.39 | 3818973.83 | 147.36508  | (20122117) | 393928.93 |
| 3818957.95 |           | 163.27744  | (20122117) |            |           |
|            | 393910.47 | 3818942.06 | 168.24139  | (20122117) | 393892.01 |
| 3818926.18 |           | 161.02342  | (20122117) |            |           |
|            | 393873.56 | 3818910.30 | 150.96322  | (20091423) | 393855.10 |
| 3818894.42 |           | 154.27758  | (18100905) |            |           |
|            | 393836.64 | 3818878.53 | 159.99287  | (18100905) | 393818.19 |
| 3818862.65 |           | 153.61539  | (18100905) |            |           |
|            | 393799.73 | 3818846.77 | 149.66145  | (20022707) | 393781.27 |
| 3818830.88 |           | 167.91763  | (20022707) |            |           |
|            | 393762.81 | 3818815.00 | 174.05982  | (20022707) | 393744.36 |
| 3818799.12 |           | 166.52605  | (20022707) |            |           |
|            | 393725.90 | 3818783.24 | 153.12895  | (20011802) | 393707.44 |
| 3818767.35 |           | 171.11499  | (20011802) |            |           |
|            | 393688.98 | 3818751.47 | 176.12750  | (20011802) | 393670.53 |
| 3818735.59 |           | 172.45524  | (19120105) |            |           |
|            | 393652.07 | 3818719.70 | 176.46471  | (19120105) | 393633.61 |
| 3818703.82 |           | 169.43092  | (19120504) |            |           |
|            | 393615.16 | 3818687.94 | 172.08864  | (19120504) | 393596.70 |
| 3818672.05 |           | 174.61348  | (17031323) |            |           |
|            | 393578.24 | 3818656.17 | 175.78829  | (17031323) | 393559.78 |
| 3818640.29 |           | 176.77187  | (16121406) |            |           |
|            | 393541.33 | 3818624.41 | 176.16431  | (16121406) | 393522.87 |
| 3818608.52 |           | 160.75910  | (16121406) |            |           |
|            | 393504.41 | 3818592.64 | 153.71874  | (20020718) | 393485.95 |
| 3818576.76 |           | 160.09077  | (17091023) |            |           |
|            | 393467.50 | 3818560.87 | 155.77262  | (17091023) | 393449.04 |
| 3818544.99 |           | 154.08585  | (20111107) |            |           |
|            | 393430.58 | 3818529.11 | 174.79472  | (20111107) | 393412.13 |
| 3818513.23 |           | 181.14441  | (20111107) |            |           |
|            | 393393.67 | 3818497.34 | 171.41594  | (20111107) | 393375.21 |
| 3818481.46 |           | 155.63058  | (18011717) |            |           |
|            | 393356.75 | 3818465.58 | 171.60988  | (18011717) | 393338.30 |
| 3818449.69 |           | 172.65801  | (18011717) |            |           |
|            | 393319.84 | 3818433.81 | 158.44932  | (18011717) | 393301.38 |
| 3818417.93 |           | 134.59272  | (16031907) |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 469

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393282.93   | 3818402.05  | 143.88447  | (16031907) | 393264.47   |
| 3818386.16  | 140.24764   | (16031907) |            |             |
| 393246.01   | 3818370.28  | 142.69855  | (19062704) | 393227.55   |
| 3818354.40  | 162.02083   | (19062704) |            |             |
| 393209.10   | 3818338.51  | 167.69423  | (19062704) | 393190.64   |
| 3818322.63  | 157.72105   | (19062704) |            |             |
| 394556.48   | 3819497.96  | 144.05094  | (17010802) | 394579.34   |
| 3819507.21  | 140.29878   | (17010802) |            |             |
| 394602.21   | 3819516.46  | 141.79931  | (16050324) | 394350.47   |
| 3819945.56  | 116.68612   | (16102921) |            |             |
| 394331.98   | 3819929.65  | 120.47258  | (16102921) | 394313.49   |
| 3819913.74  | 119.87844   | (16102921) |            |             |
| 394295.00   | 3819897.83  | 119.51931  | (17111118) | 394276.51   |
| 3819881.92  | 123.31926   | (17111118) |            |             |
| 394258.02   | 3819866.00  | 122.44381  | (17111118) | 394239.53   |
| 3819850.09  | 116.90492   | (17111118) |            |             |
| 394221.04   | 3819834.18  | 107.24895  | (17111118) | 394202.55   |
| 3819818.27  | 97.32756    | (16083102) |            |             |
| 394184.06   | 3819802.36  | 92.34102   | (16083102) | 394165.57   |
| 3819786.45  | 93.86757    | (17010808) |            |             |
| 394147.08   | 3819770.54  | 92.07471   | (17010808) | 394128.59   |
| 3819754.62  | 96.52296    | (17021123) |            |             |
| 394110.10   | 3819738.71  | 97.84980   | (17021123) | 394091.61   |
| 3819722.80  | 103.75546   | (17112921) |            |             |
| 394073.12   | 3819706.89  | 108.66521  | (17112921) | 394054.63   |
| 3819690.98  | 108.88146   | (17112921) |            |             |
| 394036.14   | 3819675.07  | 112.55040  | (18012218) | 394017.65   |
| 3819659.16  | 116.35474   | (18012218) |            |             |
| 393999.16   | 3819643.24  | 122.06878  | (19110502) | 393980.67   |
| 3819627.33  | 130.14015   | (19110502) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3819595.51 | 393962.18 | 3819611.42 | 132.38465  | (19110502) | 393943.69 |
|            |           | 128.39408  | (19110502) |            |           |
| 3819563.69 | 393925.20 | 3819579.60 | 132.84205  | (16032003) | 393906.70 |
|            |           | 132.54559  | (16032003) |            |           |
| 3819531.87 | 393888.21 | 3819547.78 | 131.66491  | (19122402) | 393869.72 |
|            |           | 135.07928  | (19122402) |            |           |
| 3819404.57 | 393740.29 | 3819420.49 | 136.81604  | (20122117) | 393721.80 |
|            |           | 136.53413  | (20122117) |            |           |
| 3819372.75 | 393703.31 | 3819388.66 | 128.97710  | (20122117) | 393684.82 |
|            |           | 123.11344  | (20091423) |            |           |
| 3819340.93 | 393666.33 | 3819356.84 | 124.68018  | (18100905) | 393647.84 |
|            |           | 130.28339  | (18100905) |            |           |
| 3819309.11 | 393629.35 | 3819325.02 | 128.62667  | (18100905) | 393610.86 |
|            |           | 119.89785  | (18100905) |            |           |
| 3819277.28 | 393592.37 | 3819293.19 | 126.62393  | (20022707) | 393573.88 |
|            |           | 138.15106  | (20022707) |            |           |
| 3819245.46 | 393555.39 | 3819261.37 | 142.14840  | (20022707) | 393536.90 |
|            |           | 137.84455  | (20022707) |            |           |
| 3819213.64 | 393518.41 | 3819229.55 | 125.89374  | (20022707) | 393499.92 |
|            |           | 133.10307  | (20011802) |            |           |
| 3819181.81 | 393481.43 | 3819197.73 | 142.33234  | (20011802) | 393462.94 |
|            |           | 143.19724  | (20011802) |            |           |
| 3819149.99 | 393444.45 | 3819165.90 | 140.97983  | (19120105) | 393425.96 |
|            |           | 144.32181  | (19120105) |            |           |
| 3819118.17 | 393407.46 | 3819134.08 | 138.80488  | (19120105) | 393388.97 |
|            |           | 140.97456  | (19120504) |            |           |
| 3819086.35 | 393370.48 | 3819102.26 | 137.76916  | (19120504) | 393351.99 |
|            |           | 144.11298  | (17031323) |            |           |
| 3819054.52 | 393333.50 | 3819070.44 | 143.01432  | (17031323) | 393315.01 |
|            |           | 143.99591  | (16121406) |            |           |
| 3819022.70 | 393296.52 | 3819038.61 | 145.02297  | (16121406) | 393278.03 |
|            |           | 136.86803  | (16121406) |            |           |
| 3818990.88 | 393259.54 | 3819006.79 | 127.61668  | (20020718) | 393241.05 |
|            |           | 126.28886  | (17091023) |            |           |
| 3818959.06 | 393222.56 | 3818974.97 | 130.78818  | (17091023) | 393204.07 |
|            |           | 126.78264  | (17091023) |            |           |
| 3818927.23 | 393185.58 | 3818943.14 | 121.81166  | (20111107) | 393167.09 |
|            |           | 138.40037  | (20111107) |            |           |
| 3818895.41 | 393148.60 | 3818911.32 | 147.09393  | (20111107) | 393130.11 |
|            |           | 146.19634  | (20111107) |            |           |
| 3818863.59 | 393111.62 | 3818879.50 | 135.84290  | (20111107) | 393093.13 |
|            |           | 128.09274  | (18011717) |            |           |
| 3818831.76 | 393074.64 | 3818847.68 | 139.48733  | (18011717) | 393056.15 |
|            |           | 141.94527  | (18011717) |            |           |
| 3818799.94 | 393037.66 | 3818815.85 | 134.95650  | (18011717) | 393019.17 |
|            |           | 119.86081  | (18011717) |            |           |
| 3818768.12 | 393000.68 | 3818784.03 | 112.54324  | (16031907) | 392982.19 |
|            |           | 117.13990  | (16031907) |            |           |
| 3818736.30 | 392963.70 | 3818752.21 | 113.87335  | (16031907) | 392945.21 |
|            |           | 112.28936  | (19062704) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 470

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
|            | 392926.72   | 3818720.39  | 127.93765  | (19062704) | 392908.22   |
| 3818704.47 | 136.12439   | (19062704)  |            |            |             |
|            | 392889.73   | 3818688.56  | 135.24656  | (19062704) | 392871.24   |
| 3818672.65 | 125.48733   | (19062704)  |            |            |             |
|            | 392852.75   | 3818656.74  | 117.02227  | (20010717) | 392834.26   |
| 3818640.83 | 127.25131   | (20010717)  |            |            |             |
|            | 392815.77   | 3818624.92  | 129.23682  | (20010717) | 392797.28   |
| 3818609.01 | 122.60036   | (20010717)  |            |            |             |
|            | 392778.79   | 3818593.09  | 122.78093  | (18122218) | 392760.30   |
| 3818577.18 | 117.80376   | (18122218)  |            |            |             |
|            | 394368.96   | 3819961.47  | 109.00380  | (16102921) | 394391.83   |
| 3819970.72 | 106.62807   | (19120218)  |            |            |             |
|            | 394414.69   | 3819979.97  | 115.93420  | (19120218) | 394162.94   |
| 3820409.05 | 103.11055   | (17111118)  |            |            |             |
|            | 394144.42   | 3820393.12  | 99.63794   | (17111118) | 394125.91   |
| 3820377.18 | 93.37516    | (17111118)  |            |            |             |
|            | 394107.39   | 3820361.25  | 84.81556   | (17111118) | 394088.88   |
| 3820345.32 | 80.38582    | (16083102)  |            |            |             |
|            | 394070.36   | 3820329.38  | 77.28636   | (17010808) | 394051.85   |
| 3820313.45 | 78.47297    | (17010808)  |            |            |             |
|            | 394033.33   | 3820297.52  | 77.15200   | (17010808) | 394014.82   |
| 3820281.59 | 80.04171    | (17021123)  |            |            |             |
|            | 393996.30   | 3820265.65  | 81.88079   | (17021123) | 393977.79   |
| 3820249.72 | 83.50093    | (17112921)  |            |            |             |
|            | 393959.27   | 3820233.79  | 88.88414   | (17112921) | 393940.76   |
| 3820217.86 | 91.46641    | (17112921)  |            |            |             |
|            | 393922.24   | 3820201.92  | 90.94727   | (17112921) | 393903.73   |
| 3820185.99 | 94.21213    | (18012218)  |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393885.21  | 3820170.06 | 97.37238   | (18012218) | 393866.70 |
| 3820154.13 | 99.52457   | (19110502) |            |           |
| 393848.18  | 3820138.19 | 106.92139  | (19110502) | 393829.67 |
| 3820122.26 | 110.80204  | (19110502) |            |           |
| 393811.15  | 3820106.33 | 110.70637  | (19110502) | 393792.64 |
| 3820090.40 | 107.70599  | (16032003) |            |           |
| 393774.12  | 3820074.46 | 111.72624  | (16032003) | 393755.61 |
| 3820058.53 | 111.61484  | (16032003) |            |           |
| 393737.09  | 3820042.60 | 109.11230  | (19122402) | 393718.58 |
| 3820026.67 | 113.09329  | (19122402) |            |           |
| 393700.06  | 3820010.73 | 112.76561  | (19122402) | 393681.55 |
| 3819994.80 | 108.11047  | (19122402) |            |           |
| 393663.03  | 3819978.87 | 99.60134   | (19122402) | 393644.52 |
| 3819962.94 | 92.01744   | (17011408) |            |           |
| 393626.00  | 3819947.00 | 88.28238   | (16022306) | 393607.49 |
| 3819931.07 | 95.57258   | (20122117) |            |           |
| 393588.97  | 3819915.14 | 106.16260  | (20122117) | 393477.88 |
| 3819819.54 | 103.76308  | (18100905) |            |           |
| 393459.37  | 3819803.61 | 108.85545  | (18100905) | 393440.85 |
| 3819787.68 | 109.31431  | (18100905) |            |           |
| 393422.34  | 3819771.75 | 105.03071  | (18100905) | 393403.82 |
| 3819755.81 | 97.02641   | (20022707) |            |           |
| 393385.31  | 3819739.88 | 108.79966  | (20022707) | 393366.79 |
| 3819723.95 | 116.65188  | (20022707) |            |           |
| 393348.28  | 3819708.02 | 119.52797  | (20022707) | 393329.76 |
| 3819692.08 | 116.99607  | (20022707) |            |           |
| 393311.25  | 3819676.15 | 109.34819  | (20022707) | 393292.73 |
| 3819660.22 | 106.06767  | (20011802) |            |           |
| 393274.22  | 3819644.29 | 115.79115  | (20011802) | 393255.70 |
| 3819628.35 | 120.62605  | (20011802) |            |           |
| 393237.19  | 3819612.42 | 119.86246  | (20011802) | 393218.67 |
| 3819596.49 | 118.58039  | (19120105) |            |           |
| 393200.16  | 3819580.56 | 121.44919  | (19120105) | 393181.64 |
| 3819564.62 | 118.54146  | (19120105) |            |           |
| 393163.13  | 3819548.69 | 117.56293  | (19120504) | 393144.61 |
| 3819532.76 | 118.18881  | (19120504) |            |           |
| 393126.10  | 3819516.83 | 117.62332  | (17031323) | 393107.58 |
| 3819500.89 | 121.76487  | (17031323) |            |           |
| 393089.07  | 3819484.96 | 119.97525  | (17031323) | 393070.56 |
| 3819469.03 | 120.82064  | (16121406) |            |           |
| 393052.04  | 3819453.10 | 122.50353  | (16121406) | 393033.53 |
| 3819437.16 | 118.13687  | (16121406) |            |           |
| 393015.01  | 3819421.23 | 108.31950  | (16121406) | 392996.50 |
| 3819405.30 | 106.15270  | (20020718) |            |           |
| 392977.98  | 3819389.37 | 107.81812  | (17091023) | 392959.47 |
| 3819373.43 | 109.94669  | (17091023) |            |           |
| 392940.95  | 3819357.50 | 106.52945  | (17091023) | 392922.44 |
| 3819341.57 | 99.51654   | (20111107) |            |           |
| 392903.92  | 3819325.64 | 112.89237  | (20111107) | 392885.41 |
| 3819309.70 | 121.63497  | (20111107) |            |           |

392866.89 3819293.77 124.45039 (20111107) 392848.38  
 3819277.84 120.89289 (20111107)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 471

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392829.86   | 3819261.90  | 111.47245  | (20111107) | 392811.35   |
| 3819245.97  | 108.21761   | (18011717) |            |             |
| 392792.83   | 3819230.04  | 116.84405  | (18011717) | 392774.32   |
| 3819214.11  | 119.72531   | (18011717) |            |             |
| 392755.80   | 3819198.17  | 116.40757  | (18011717) | 392737.29   |
| 3819182.24  | 107.38670   | (18011717) |            |             |
| 392718.77   | 3819166.31  | 93.97550   | (18011717) | 392700.26   |
| 3819150.38  | 95.91608    | (16031907) |            |             |
| 392681.74   | 3819134.44  | 98.30233   | (16031907) | 392663.23   |
| 3819118.51  | 95.56757    | (16031907) |            |             |
| 392644.71   | 3819102.58  | 91.40333   | (19062704) | 392626.20   |
| 3819086.65  | 104.07564   | (19062704) |            |             |
| 392607.68   | 3819070.71  | 112.40638  | (19062704) | 392589.17   |
| 3819054.78  | 115.14709   | (19062704) |            |             |
| 392570.65   | 3819038.85  | 111.88117  | (19062704) | 392552.14   |
| 3819022.92  | 103.11384   | (19062704) |            |             |
| 392533.62   | 3819006.98  | 98.51147   | (20010717) | 392515.11   |
| 3818991.05  | 106.33046   | (20010717) |            |             |
| 392496.59   | 3818975.12  | 108.87113  | (20010717) | 392478.08   |
| 3818959.19  | 105.75040   | (20010717) |            |             |
| 392459.56   | 3818943.25  | 102.59536  | (18122218) | 392329.96   |
| 3818831.73  | 116.92767   | (17010720) |            |             |
| 394181.45   | 3820424.98  | 103.53100  | (17111118) | 394204.32   |
| 3820434.23  | 100.53937   | (17111118) |            |             |
| 394227.18   | 3820443.48  | 101.15343  | (16102921) | 393662.77   |
| 3821644.95  | 55.62841    | (17021123) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393644.12  | 3821628.90          | 57.79817 | (17112921) | 393625.47 |
| 3821612.86 | 60.50494 (17112921) |          |            |           |
| 393606.83  | 3821596.81          | 62.09912 | (17112921) | 393588.18 |
| 3821580.76 | 62.47510 (17112921) |          |            |           |
| 393569.53  | 3821564.71          | 61.59592 | (17112921) | 393550.88 |
| 3821548.66 | 64.07941 (18012218) |          |            |           |
| 393532.23  | 3821532.62          | 66.07612 | (18012218) | 393513.58 |
| 3821516.57 | 66.74578 (18012218) |          |            |           |
| 393494.93  | 3821500.52          | 68.83317 | (19110502) | 393476.28 |
| 3821484.47 | 72.73411 (19110502) |          |            |           |
| 393457.63  | 3821468.42          | 75.25786 | (19110502) | 393438.98 |
| 3821452.38 | 76.23272 (19110502) |          |            |           |
| 393420.33  | 3821436.33          | 75.58092 | (19110502) | 393401.69 |
| 3821420.28 | 73.32834 (19110502) |          |            |           |
| 393383.04  | 3821404.23          | 75.80567 | (16032003) | 393364.39 |
| 3821388.18 | 76.90463 (16032003) |          |            |           |
| 393345.74  | 3821372.14          | 76.31449 | (16032003) | 393327.09 |
| 3821356.09 | 74.05723 (16032003) |          |            |           |
| 393308.44  | 3821340.04          | 76.64128 | (19122402) | 393289.79 |
| 3821323.99 | 77.76667 (19122402) |          |            |           |
| 393271.14  | 3821307.94          | 77.13493 | (19122402) | 393252.49 |
| 3821291.90 | 74.77201 (19122402) |          |            |           |
| 393233.84  | 3821275.85          | 70.82008 | (19122402) | 393215.19 |
| 3821259.80 | 65.52445 (19122402) |          |            |           |
| 393196.54  | 3821243.75          | 62.67540 | (17011408) | 393177.90 |
| 3821227.70 | 60.60918 (17011408) |          |            |           |
| 393159.25  | 3821211.66          | 61.32159 | (16022306) | 393140.60 |
| 3821195.61 | 66.80987 (20122117) |          |            |           |
| 393121.95  | 3821179.56          | 72.33571 | (20122117) | 393103.30 |
| 3821163.51 | 76.46221 (20122117) |          |            |           |
| 393084.65  | 3821147.46          | 78.89159 | (20122117) | 393066.00 |
| 3821131.42 | 79.43483 (20122117) |          |            |           |
| 393047.35  | 3821115.37          | 78.03625 | (20122117) | 393028.70 |
| 3821099.32 | 74.78083 (20122117) |          |            |           |
| 393010.05  | 3821083.27          | 70.57107 | (20091423) | 392991.40 |
| 3821067.22 | 70.67738 (20091423) |          |            |           |
| 392972.76  | 3821051.18          | 70.30034 | (18100905) | 392954.11 |
| 3821035.13 | 73.59704 (18100905) |          |            |           |
| 392935.46  | 3821019.08          | 75.11299 | (18100905) | 392916.81 |
| 3821003.03 | 74.71921 (18100905) |          |            |           |
| 392898.16  | 3820986.98          | 72.43060 | (18100905) | 392879.51 |
| 3820970.94 | 68.40662 (18100905) |          |            |           |
| 392860.86  | 3820954.89          | 68.78572 | (20022707) | 392730.32 |
| 3820842.55 | 70.49662 (20022707) |          |            |           |
| 392711.67  | 3820826.50          | 74.25151 | (20011802) | 392693.02 |
| 3820810.46 | 79.21102 (20011802) |          |            |           |
| 392674.37  | 3820794.41          | 82.22244 | (20011802) | 392655.72 |
| 3820778.36 | 83.03021 (20011802) |          |            |           |
| 392637.07  | 3820762.31          | 81.55420 | (20011802) | 392618.42 |
| 3820746.26 | 81.10138 (19120105) |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392599.77  | 3820730.22 | 83.19794   | (19120105) | 392581.12 |
| 3820714.17 | 82.98869   | (19120105) |            |           |
| 392562.47  | 3820698.12 | 80.47673   | (19120105) | 392543.82 |
| 3820682.07 | 80.42333   | (19120504) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 472

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 392525.18   | 3820666.02  | 81.43682   | (19120504) | 392506.53   |
| 3820649.98  | 80.14439    | (19120504) |            |             |
| 392487.88   | 3820633.93  | 81.34132   | (17031323) | 392469.23   |
| 3820617.88  | 83.58434    | (17031323) |            |             |
| 392450.58   | 3820601.83  | 83.44805   | (17031323) | 392431.93   |
| 3820585.78  | 80.93220    | (17031323) |            |             |
| 392413.28   | 3820569.74  | 83.26360   | (16121406) | 392394.63   |
| 3820553.69  | 84.30252    | (16121406) |            |             |
| 392375.98   | 3820537.64  | 82.89357   | (16121406) | 392357.33   |
| 3820521.59  | 79.14751    | (16121406) |            |             |
| 392338.68   | 3820505.54  | 73.41953   | (20020718) | 392320.04   |
| 3820489.50  | 73.17019    | (20020718) |            |             |
| 392301.39   | 3820473.45  | 71.83107   | (17091023) | 392282.74   |
| 3820457.40  | 74.72457    | (17091023) |            |             |
| 392264.09   | 3820441.35  | 75.45602   | (17091023) | 392245.44   |
| 3820425.30  | 73.95302    | (17091023) |            |             |
| 392226.79   | 3820409.26  | 70.34077   | (17091023) | 392208.14   |
| 3820393.21  | 69.82082    | (20111107) |            |             |
| 392189.49   | 3820377.16  | 76.81492   | (20111107) | 392170.84   |
| 3820361.11  | 82.00481    | (20111107) |            |             |
| 392152.19   | 3820345.06  | 84.94351   | (20111107) | 392133.54   |
| 3820329.02  | 85.36547    | (20111107) |            |             |
| 392114.89   | 3820312.97  | 83.22657   | (20111107) | 392096.25   |
| 3820296.92  | 78.71207    | (20111107) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392077.60  | 3820280.87          | 72.20483 | (20111107) | 392058.95 |
| 3820264.82 | 75.08743 (18011717) |          |            |           |
| 392040.30  | 3820248.78          | 79.70926 | (18011717) | 392021.65 |
| 3820232.73 | 82.07044 (18011717) |          |            |           |
| 392003.00  | 3820216.68          | 81.95371 | (18011717) | 391984.35 |
| 3820200.63 | 79.36525 (18011717) |          |            |           |
| 391965.70  | 3820184.58          | 74.53292 | (18011717) | 391947.05 |
| 3820168.54 | 67.87486 (18011717) |          |            |           |
| 391928.40  | 3820152.49          | 62.32430 | (16031907) | 391909.75 |
| 3820136.44 | 65.70108 (16031907) |          |            |           |
| 391891.11  | 3820120.39          | 67.15996 | (16031907) | 391872.46 |
| 3820104.34 | 66.56786 (16031907) |          |            |           |
| 391853.81  | 3820088.30          | 63.97713 | (16031907) | 391835.16 |
| 3820072.25 | 62.09070 (19062704) |          |            |           |
| 391816.51  | 3820056.20          | 69.08962 | (19062704) | 391797.86 |
| 3820040.15 | 74.53857 (19062704) |          |            |           |
| 391779.21  | 3820024.10          | 77.97100 | (19062704) | 391760.56 |
| 3820008.06 | 79.08062 (19062704) |          |            |           |
| 391741.91  | 3819992.01          | 77.76761 | (19062704) | 391723.26 |
| 3819975.96 | 74.15097 (19062704) |          |            |           |
| 391704.61  | 3819959.91          | 68.55293 | (19062704) | 391685.96 |
| 3819943.86 | 66.68337 (20010717) |          |            |           |
| 391667.32  | 3819927.82          | 71.37136 | (20010717) | 391648.67 |
| 3819911.77 | 74.07184 (20010717) |          |            |           |
| 391630.02  | 3819895.72          | 74.54163 | (20010717) | 391611.37 |
| 3819879.67 | 72.74045 (20010717) |          |            |           |
| 391592.72  | 3819863.62          | 69.34530 | (18122218) | 391574.07 |
| 3819847.58 | 70.60146 (18122218) |          |            |           |
| 391555.42  | 3819831.53          | 69.70810 | (18122218) | 391536.77 |
| 3819815.48 | 66.74858 (18122218) |          |            |           |
| 391518.12  | 3819799.43          | 68.03212 | (17010720) | 391499.47 |
| 3819783.38 | 75.39429 (17010720) |          |            |           |
| 391480.82  | 3819767.34          | 81.03250 | (17010720) | 391462.17 |
| 3819751.29 | 84.47534 (17010720) |          |            |           |
| 391443.53  | 3819735.24          | 85.42280 | (17010720) | 391424.88 |
| 3819719.19 | 83.79643 (17010720) |          |            |           |
| 391406.23  | 3819703.14          | 79.74733 | (17010720) | 391387.58 |
| 3819687.10 | 73.63606 (17010720) |          |            |           |
| 391368.93  | 3819671.05          | 69.59099 | (18091303) | 391350.28 |
| 3819655.00 | 67.06513 (18091303) |          |            |           |
| 391331.63  | 3819638.95          | 66.18338 | (18111302) | 391312.98 |
| 3819622.90 | 66.56531 (18111302) |          |            |           |
| 391294.33  | 3819606.86          | 68.85405 | (18070504) | 391275.68 |
| 3819590.81 | 72.27218 (18070504) |          |            |           |
| 391257.03  | 3819574.76          | 73.63145 | (18070504) | 391238.39 |
| 3819558.71 | 72.82171 (18070504) |          |            |           |
| 391219.74  | 3819542.66          | 72.49184 | (19111222) | 391201.09 |
| 3819526.62 | 74.83219 (19111222) |          |            |           |
| 391182.44  | 3819510.57          | 75.00688 | (19111222) | 393681.42 |
| 3821661.00 | 55.58487 (17021123) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393704.29  | 3821670.25 | 54.38666   | (17021123) | 393727.15 |
| 3821679.50 | 52.33512   | (17010808) |            |           |
| 393162.77  | 3822881.00 | 49.46016   | (18012218) | 393144.15 |
| 3822864.98 | 49.56661   | (18012218) |            |           |
| 393125.53  | 3822848.96 | 51.13149   | (19110502) | 393106.92 |
| 3822832.93 | 53.58108   | (19110502) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 473

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393088.30   | 3822816.91  | 55.38308   | (19110502) | 393069.68   |
| 3822800.89  | 56.45855    | (19110502) |            |             |
| 393051.06   | 3822784.87  | 56.75697   | (19110502) | 393032.44   |
| 3822768.84  | 56.25938    | (19110502) |            |             |
| 393013.82   | 3822752.82  | 54.98011   | (19110502) | 392995.20   |
| 3822736.80  | 55.64554    | (16032003) |            |             |
| 392976.58   | 3822720.78  | 56.86891   | (16032003) | 392957.96   |
| 3822704.76  | 57.29009    | (16032003) |            |             |
| 392939.34   | 3822688.73  | 56.88446   | (16032003) | 392920.72   |
| 3822672.71  | 55.66291    | (16032003) |            |             |
| 392902.10   | 3822656.69  | 56.11236   | (19122402) | 392883.49   |
| 3822640.67  | 57.43011    | (19122402) |            |             |
| 392864.87   | 3822624.64  | 57.91740   | (19122402) | 392846.25   |
| 3822608.62  | 57.54520    | (19122402) |            |             |
| 392827.63   | 3822592.60  | 56.32367   | (19122402) | 392809.01   |
| 3822576.58  | 54.30048    | (19122402) |            |             |
| 392790.39   | 3822560.56  | 51.55799   | (19122402) | 392771.77   |
| 3822544.53  | 48.20722    | (19122402) |            |             |
| 392753.15   | 3822528.51  | 46.67512   | (17011408) | 392734.53   |
| 3822512.49  | 45.64731    | (17011408) |            |             |
| 392715.91   | 3822496.47  | 44.63850   | (16022306) | 392697.29   |
| 3822480.44  | 45.67465    | (16022306) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3822448.40 | 392678.67 | 3822464.42 | 49.25563   | (20122117) | 392660.06 |
|            |           | 52.74402   | (20122117) |            |           |
|            | 392641.44 | 3822432.38 | 55.60310   | (20122117) | 392622.82 |
| 3822416.36 |           | 57.69963   | (20122117) |            |           |
|            | 392604.20 | 3822400.33 | 58.93171   | (20122117) | 392585.58 |
| 3822384.31 |           | 59.23453   | (20122117) |            |           |
|            | 392566.96 | 3822368.29 | 58.58751   | (20122117) | 392548.34 |
| 3822352.27 |           | 57.01519   | (20122117) |            |           |
|            | 392529.72 | 3822336.24 | 54.58579   | (20122117) | 392511.10 |
| 3822320.22 |           | 52.57333   | (20091423) |            |           |
|            | 392492.48 | 3822304.20 | 52.66902   | (20091423) | 392473.86 |
| 3822288.18 |           | 51.90117   | (20091423) |            |           |
|            | 392455.24 | 3822272.16 | 53.47478   | (18100905) | 392436.63 |
| 3822256.13 |           | 55.15094   | (18100905) |            |           |
|            | 392418.01 | 3822240.11 | 55.93910   | (18100905) | 392399.39 |
| 3822224.09 |           | 55.79406   | (18100905) |            |           |
|            | 392380.77 | 3822208.07 | 54.71723   | (18100905) | 392362.15 |
| 3822192.04 |           | 52.75634   | (18100905) |            |           |
|            | 392343.53 | 3822176.02 | 50.00307   | (18100905) | 392324.91 |
| 3822160.00 |           | 50.63023   | (20022707) |            |           |
|            | 392306.29 | 3822143.98 | 54.40956   | (20022707) | 392287.67 |
| 3822127.96 |           | 57.47731   | (20022707) |            |           |
|            | 392269.05 | 3822111.93 | 59.68072   | (20022707) | 392250.43 |
| 3822095.91 |           | 60.90292   | (20022707) |            |           |
|            | 392231.82 | 3822079.89 | 61.07614   | (20022707) | 392213.20 |
| 3822063.87 |           | 60.18535   | (20022707) |            |           |
|            | 392194.58 | 3822047.85 | 58.27081   | (20022707) | 392175.96 |
| 3822031.82 |           | 55.42485   | (20022707) |            |           |
|            | 392157.34 | 3822015.80 | 51.78616   | (20022707) | 392138.72 |
| 3821999.78 |           | 54.35527   | (20011802) |            |           |
|            | 392120.10 | 3821983.76 | 57.67429   | (20011802) | 391989.77 |
| 3821871.60 |           | 62.11225   | (19120105) |            |           |
|            | 391971.15 | 3821855.58 | 61.89230   | (19120105) | 391952.53 |
| 3821839.56 |           | 60.54508   | (19120105) |            |           |
|            | 391933.91 | 3821823.53 | 58.93478   | (19120504) | 391915.29 |
| 3821807.51 |           | 60.35647   | (19120504) |            |           |
|            | 391896.67 | 3821791.49 | 60.67327   | (19120504) | 391878.05 |
| 3821775.47 |           | 59.86284   | (19120504) |            |           |
|            | 391859.43 | 3821759.45 | 59.69633   | (17031323) | 391840.81 |
| 3821743.42 |           | 61.66559   | (17031323) |            |           |
|            | 391822.19 | 3821727.40 | 62.51167   | (17031323) | 391803.57 |
| 3821711.38 |           | 62.18334   | (17031323) |            |           |
|            | 391784.96 | 3821695.36 | 60.69524   | (17031323) | 391766.34 |
| 3821679.33 |           | 61.30196   | (16121406) |            |           |
|            | 391747.72 | 3821663.31 | 62.64408   | (16121406) | 391729.10 |
| 3821647.29 |           | 62.80500   | (16121406) |            |           |
|            | 391710.48 | 3821631.27 | 61.77129   | (16121406) | 391691.86 |
| 3821615.25 |           | 59.59738   | (16121406) |            |           |
|            | 391673.24 | 3821599.22 | 56.40010   | (16121406) | 391654.62 |
| 3821583.20 |           | 54.79239   | (20020718) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391636.00  | 3821567.18 | 54.28577   | (20020718) | 391617.38 |
| 3821551.16 | 53.23081   | (17091023) |            |           |
| 391598.76  | 3821535.13 | 55.21899   | (17091023) | 391580.14 |
| 3821519.11 | 56.17751   | (17091023) |            |           |
| 391561.53  | 3821503.09 | 56.04903   | (17091023) | 391542.91 |
| 3821487.07 | 54.83765   | (17091023) |            |           |
| 391524.29  | 3821471.05 | 52.61014   | (17091023) | 391505.67 |
| 3821455.02 | 49.56660   | (20111107) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 474

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 391487.05   | 3821439.00  | 54.22229   | (20111107) | 391468.43   |
| 3821422.98  | 58.16061    | (20111107) |            |             |
| 391449.81   | 3821406.96  | 61.16794   | (20111107) | 391431.19   |
| 3821390.93  | 63.07350    | (20111107) |            |             |
| 391412.57   | 3821374.91  | 63.76348   | (20111107) | 391393.95   |
| 3821358.89  | 63.19536    | (20111107) |            |             |
| 391375.33   | 3821342.87  | 61.39992   | (20111107) | 391356.71   |
| 3821326.85  | 58.47918    | (20111107) |            |             |
| 391338.10   | 3821310.82  | 54.59731   | (20111107) | 391319.48   |
| 3821294.80  | 53.73452    | (18011717) |            |             |
| 391300.86   | 3821278.78  | 57.23564   | (18011717) | 391282.24   |
| 3821262.76  | 59.75929    | (18011717) |            |             |
| 391263.62   | 3821246.74  | 61.15864   | (18011717) | 391245.00   |
| 3821230.71  | 61.34955    | (18011717) |            |             |
| 391226.38   | 3821214.69  | 60.31866   | (18011717) | 391207.76   |
| 3821198.67  | 58.12576    | (18011717) |            |             |
| 391189.14   | 3821182.65  | 54.89716   | (18011717) | 391170.52   |
| 3821166.62  | 50.81293    | (18011717) |            |             |
| 391151.90   | 3821150.60  | 46.11296   | (18121508) | 391133.28   |
| 3821134.58  | 47.53828    | (16031907) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391114.67  | 3821118.56 | 49.21823   | (16031907) | 391096.05 |
| 3821102.54 | 49.94128   | (16031907) |            |           |
| 391077.43  | 3821086.51 | 49.66292   | (16031907) | 391058.81 |
| 3821070.49 | 48.39916   | (16031907) |            |           |
| 391040.19  | 3821054.47 | 46.22445   | (16031907) | 391021.57 |
| 3821038.45 | 46.83389   | (19062704) |            |           |
| 391002.95  | 3821022.42 | 51.05922   | (19062704) | 390984.33 |
| 3821006.40 | 54.55029   | (19062704) |            |           |
| 390965.71  | 3820990.38 | 57.11387   | (19062704) | 390947.09 |
| 3820974.36 | 58.60149   | (19062704) |            |           |
| 390928.47  | 3820958.34 | 58.92495   | (19062704) | 390909.86 |
| 3820942.31 | 58.06521   | (19062704) |            |           |
| 390891.24  | 3820926.29 | 56.07340   | (19062704) | 390872.62 |
| 3820910.27 | 53.06695   | (19062704) |            |           |
| 390854.00  | 3820894.25 | 49.21742   | (19062704) | 390835.38 |
| 3820878.22 | 49.72195   | (20010717) |            |           |
| 390816.76  | 3820862.20 | 52.63771   | (20010717) | 390798.14 |
| 3820846.18 | 54.61077   | (20010717) |            |           |
| 390779.52  | 3820830.16 | 55.52643   | (20010717) | 390760.90 |
| 3820814.14 | 55.33107   | (20010717) |            |           |
| 390742.28  | 3820798.11 | 54.03689   | (20010717) | 390723.66 |
| 3820782.09 | 51.72203   | (20010717) |            |           |
| 390705.04  | 3820766.07 | 52.34489   | (18122218) | 390686.43 |
| 3820750.05 | 52.45959   | (18122218) |            |           |
| 390667.81  | 3820734.02 | 51.52953   | (18122218) | 390649.19 |
| 3820718.00 | 49.61138   | (18122218) |            |           |
| 390630.57  | 3820701.98 | 49.07339   | (16112518) | 390611.95 |
| 3820685.96 | 53.43304   | (17010720) |            |           |
| 390593.33  | 3820669.94 | 57.53465   | (17010720) | 390574.71 |
| 3820653.91 | 60.72446   | (17010720) |            |           |
| 390556.09  | 3820637.89 | 62.82246   | (17010720) | 390537.47 |
| 3820621.87 | 63.71027   | (17010720) |            |           |
| 390518.85  | 3820605.85 | 63.33802   | (17010720) | 390500.23 |
| 3820589.82 | 61.72961   | (17010720) |            |           |
| 390481.61  | 3820573.80 | 58.98194   | (17010720) | 390463.00 |
| 3820557.78 | 55.25439   | (17010720) |            |           |
| 390444.38  | 3820541.76 | 52.08604   | (18091303) | 390425.76 |
| 3820525.74 | 51.09145   | (18091303) |            |           |
| 390407.14  | 3820509.71 | 49.13841   | (18091303) | 390388.52 |
| 3820493.69 | 49.18375   | (18111302) |            |           |
| 390369.90  | 3820477.67 | 49.52896   | (18111302) | 390351.28 |
| 3820461.65 | 49.60858   | (18070504) |            |           |
| 390332.66  | 3820445.63 | 52.30193   | (18070504) | 390314.04 |
| 3820429.60 | 54.07410   | (18070504) |            |           |
| 390295.42  | 3820413.58 | 54.82613   | (18070504) | 390276.80 |
| 3820397.56 | 54.51869   | (18070504) |            |           |
| 390258.18  | 3820381.54 | 53.17274   | (18070504) | 390239.57 |
| 3820365.51 | 54.68381   | (19111222) |            |           |
| 390220.95  | 3820349.49 | 55.83995   | (19111222) | 390202.33 |
| 3820333.47 | 55.93257   | (19111222) |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392363.62  | 3823859.62          | 41.77571 | (19122402) | 392344.93 |
| 3823843.54 | 39.74357 (19122402) |          |            |           |
| 392326.24  | 3823827.45          | 37.39461 | (19122402) | 392307.55 |
| 3823811.37 | 36.78656 (17011408) |          |            |           |
| 392288.86  | 3823795.29          | 36.14762 | (17011408) | 392270.17 |
| 3823779.20 | 35.12671 (17011408) |          |            |           |
| 392251.48  | 3823763.12          | 35.55504 | (16022306) | 392232.79 |
| 3823747.03 | 36.26500 (20122117) |          |            |           |
| 392214.10  | 3823730.95          | 38.89881 | (20122117) | 392195.41 |
| 3823714.87 | 41.26042 (20122117) |          |            |           |
| 392176.72  | 3823698.78          | 43.27679 | (20122117) | 392158.03 |
| 3823682.70 | 44.88126 (20122117) |          |            |           |
| 392139.33  | 3823666.62          | 46.01955 | (20122117) | 392120.64 |
| 3823650.53 | 46.65003 (20122117) |          |            |           |
| 392101.95  | 3823634.45          | 46.74843 | (20122117) | 392083.26 |
| 3823618.37 | 46.30851 (20122117) |          |            |           |
| 392064.57  | 3823602.28          | 45.34223 | (20122117) | 392045.88 |
| 3823586.20 | 43.87995 (20122117) |          |            |           |
| 392027.19  | 3823570.11          | 41.96794 | (20122117) | 392008.50 |
| 3823554.03 | 41.53031 (20091423) |          |            |           |
| 391989.81  | 3823537.95          | 41.50967 | (20091423) | 391971.12 |
| 3823521.86 | 41.00047 (20091423) |          |            |           |
| 391952.43  | 3823505.78          | 41.57798 | (18100905) | 391933.74 |
| 3823489.70 | 42.92732 (18100905) |          |            |           |
| 391915.05  | 3823473.61          | 43.79494 | (18100905) | 391896.36 |
| 3823457.53 | 44.14715 (18100905) |          |            |           |
| 391877.67  | 3823441.44          | 43.96883 | (18100905) | 391858.98 |
| 3823425.36 | 43.26359 (18100905) |          |            |           |
| 391840.29  | 3823409.28          | 42.05413 | (18100905) | 391821.59 |
| 3823393.19 | 40.37979 (18100905) |          |            |           |
| 391802.90  | 3823377.11          | 38.29837 | (18100905) | 391784.21 |
| 3823361.03 | 40.22473 (20022707) |          |            |           |
| 391765.52  | 3823344.94          | 42.74410 | (20022707) | 391746.83 |
| 3823328.86 | 44.86557 (20022707) |          |            |           |
| 391728.14  | 3823312.78          | 46.51408 | (20022707) | 391709.45 |
| 3823296.69 | 47.62847 (20022707) |          |            |           |
| 391690.76  | 3823280.61          | 48.16476 | (20022707) | 391672.07 |
| 3823264.52 | 48.10054 (20022707) |          |            |           |
| 391653.38  | 3823248.44          | 47.43531 | (20022707) | 391634.69 |
| 3823232.36 | 46.19124 (20022707) |          |            |           |
| 391616.00  | 3823216.27          | 44.41144 | (20022707) | 391597.31 |
| 3823200.19 | 42.15860 (20022707) |          |            |           |
| 391578.62  | 3823184.11          | 40.41018 | (20011802) | 391559.93 |
| 3823168.02 | 43.04303 (20011802) |          |            |           |
| 391541.24  | 3823151.94          | 45.26549 | (20011802) | 391522.55 |
| 3823135.86 | 46.99665 (20011802) |          |            |           |
| 391503.85  | 3823119.77          | 48.17074 | (20011802) | 391485.16 |
| 3823103.69 | 48.73948 (20011802) |          |            |           |
| 391466.47  | 3823087.60          | 48.67924 | (20011802) | 391447.78 |
| 3823071.52 | 47.98964 (20011802) |          |            |           |





|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390793.61  | 3822508.59          | 39.28346 | (20111107) | 390774.92 |
| 3822492.51 | 42.39844 (20111107) |          |            |           |
| 390756.23  | 3822476.42          | 45.12033 | (20111107) | 390737.54 |
| 3822460.34 | 47.34265 (20111107) |          |            |           |
| 390718.85  | 3822444.26          | 48.97642 | (20111107) | 390700.16 |
| 3822428.17 | 49.95358 (20111107) |          |            |           |
| 390681.47  | 3822412.09          | 50.23137 | (20111107) | 390662.78 |
| 3822396.01 | 49.79717 (20111107) |          |            |           |
| 390644.09  | 3822379.92          | 48.66780 | (20111107) | 390625.40 |
| 3822363.84 | 46.88985 (20111107) |          |            |           |
| 390606.71  | 3822347.76          | 44.53523 | (20111107) | 390588.02 |
| 3822331.67 | 41.69636 (20111107) |          |            |           |
| 390569.33  | 3822315.59          | 42.48070 | (18011717) | 390550.64 |
| 3822299.50 | 44.83801 (18011717) |          |            |           |
| 390531.94  | 3822283.42          | 46.65271 | (18011717) | 390513.25 |
| 3822267.34 | 47.84897 (18011717) |          |            |           |
| 390494.56  | 3822251.25          | 48.37638 | (18011717) | 390475.87 |
| 3822235.17 | 48.21127 (18011717) |          |            |           |
| 390457.18  | 3822219.09          | 47.36016 | (18011717) | 390438.49 |
| 3822203.00 | 45.85813 (18011717) |          |            |           |
| 390419.80  | 3822186.92          | 43.76798 | (18011717) | 390401.11 |
| 3822170.84 | 41.17411 (18011717) |          |            |           |
| 390382.42  | 3822154.75          | 38.17717 | (18011717) | 390363.73 |
| 3822138.67 | 35.98285 (18121508) |          |            |           |
| 390345.04  | 3822122.58          | 37.42372 | (16031907) | 390326.35 |
| 3822106.50 | 38.57123 (16031907) |          |            |           |
| 390307.66  | 3822090.42          | 39.18333 | (16031907) | 390288.97 |
| 3822074.33 | 39.23348 (16031907) |          |            |           |
| 390270.28  | 3822058.25          | 38.71910 | (16031907) | 390251.59 |
| 3822042.17 | 37.66212 (16031907) |          |            |           |
| 390232.90  | 3822026.08          | 36.10662 | (16031907) | 390214.20 |
| 3822010.00 | 36.09806 (19062704) |          |            |           |
| 390195.51  | 3821993.91          | 39.03429 | (19062704) | 390176.82 |
| 3821977.83 | 41.60076 (19062704) |          |            |           |
| 390158.13  | 3821961.75          | 43.69779 | (19062704) | 390139.44 |
| 3821945.66 | 45.24028 (19062704) |          |            |           |
| 390120.75  | 3821929.58          | 46.16259 | (19062704) | 390102.06 |
| 3821913.50 | 46.42587 (19062704) |          |            |           |
| 390083.37  | 3821897.41          | 46.01869 | (19062704) | 390064.68 |
| 3821881.33 | 44.95876 (19062704) |          |            |           |
| 390045.99  | 3821865.25          | 43.29134 | (19062704) | 390027.30 |
| 3821849.16 | 41.08551 (19062704) |          |            |           |
| 390008.61  | 3821833.08          | 38.43165 | (19062704) | 389989.92 |
| 3821816.99 | 38.50554 (20010717) |          |            |           |
| 389971.23  | 3821800.91          | 40.62359 | (20010717) | 389952.54 |
| 3821784.83 | 42.24186 (20010717) |          |            |           |
| 389933.85  | 3821768.74          | 43.29368 | (20010717) | 389915.16 |
| 3821752.66 | 43.73412 (20010717) |          |            |           |
| 389896.46  | 3821736.58          | 43.54493 | (20010717) | 389877.77 |
| 3821720.49 | 42.73465 (20010717) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389859.08  | 3821704.41 | 41.33861   | (20010717) | 389840.39 |
| 3821688.33 | 40.77971   | (18122218) |            |           |
| 389821.70  | 3821672.24 | 41.29036   | (18122218) | 389803.01 |
| 3821656.16 | 41.20901   | (18122218) |            |           |
| 389784.32  | 3821640.07 | 40.53981   | (18122218) | 389765.63 |
| 3821623.99 | 39.31215   | (18122218) |            |           |
| 389746.94  | 3821607.91 | 38.23899   | (16112518) | 389728.25 |
| 3821591.82 | 39.72820   | (17010720) |            |           |
| 389709.56  | 3821575.74 | 42.81539   | (17010720) | 389690.87 |
| 3821559.66 | 45.48392   | (17010720) |            |           |
| 389672.18  | 3821543.57 | 47.63088   | (17010720) | 389653.49 |
| 3821527.49 | 49.16883   | (17010720) |            |           |
| 389634.80  | 3821511.40 | 50.03581   | (17010720) | 389616.11 |
| 3821495.32 | 50.19573   | (17010720) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 477

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389597.42   | 3821479.24  | 49.64336   | (17010720) | 389578.72   |
| 3821463.15  | 48.40236    | (17010720) |            |             |
| 389560.03   | 3821447.07  | 46.52705   | (17010720) | 389541.34   |
| 3821430.99  | 44.09446    | (17010720) |            |             |
| 389522.65   | 3821414.90  | 41.20055   | (17010720) | 389503.96   |
| 3821398.82  | 40.74191    | (18091303) |            |             |
| 389485.27   | 3821382.74  | 39.84535   | (18091303) | 389466.58   |
| 3821366.65  | 38.42207    | (18091303) |            |             |
| 389447.89   | 3821350.57  | 38.58634   | (18111302) | 389429.20   |
| 3821334.48  | 38.94134    | (18111302) |            |             |
| 389410.51   | 3821318.40  | 38.75060   | (18111302) | 389391.82   |
| 3821302.32  | 39.83918    | (18070504) |            |             |
| 389373.13   | 3821286.23  | 41.48747   | (18070504) | 389354.44   |
| 3821270.15  | 42.60189    | (18070504) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389335.75  | 3821254.07 | 43.13888   | (18070504) | 389317.06 |
| 3821237.98 | 43.07764   | (18070504) |            |           |
| 389298.37  | 3821221.90 | 42.42217   | (18070504) | 389279.68 |
| 3821205.82 | 42.00090   | (19111222) |            |           |
| 389260.98  | 3821189.73 | 43.28268   | (19111222) | 389242.29 |
| 3821173.65 | 43.98884   | (19111222) |            |           |
| 389223.60  | 3821157.56 | 44.09307   | (19111222) | 389204.91 |
| 3821141.48 | 43.59265   | (19111222) |            |           |
| 389186.22  | 3821125.40 | 42.50992   | (19111222) | 389167.53 |
| 3821109.31 | 40.88960   | (19111222) |            |           |
| 389148.84  | 3821093.23 | 38.79785   | (19111222) | 389130.15 |
| 3821077.15 | 36.31516   | (19111222) |            |           |
| 389111.46  | 3821061.06 | 38.34743   | (19112123) | 389092.77 |
| 3821044.98 | 40.38137   | (19112123) |            |           |
| 389074.08  | 3821028.89 | 41.94845   | (19112123) | 389055.39 |
| 3821012.81 | 42.98821   | (19112123) |            |           |
| 389036.70  | 3820996.73 | 43.46191   | (19112123) | 389018.01 |
| 3820980.64 | 43.35247   | (19112123) |            |           |
| 388999.32  | 3820964.56 | 44.79213   | (16022104) | 388980.63 |
| 3820948.48 | 46.74117   | (16022104) |            |           |
| 388961.94  | 3820932.39 | 48.12549   | (16022104) | 388943.24 |
| 3820916.31 | 48.89240   | (16022104) |            |           |
| 388924.55  | 3820900.23 | 49.01435   | (16022104) | 388905.86 |
| 3820884.14 | 48.48892   | (16022104) |            |           |
| 388887.17  | 3820868.06 | 47.33940   | (16022104) | 392681.36 |
| 3824133.04 | 44.75683   | (19110502) |            |           |
| 392704.23  | 3824142.29 | 44.24385   | (19110502) | 392727.09 |
| 3824151.54 | 43.21320   | (19110502) |            |           |
| 392162.67  | 3825353.00 | 17.61383   | (16032003) | 392144.00 |
| 3825336.94 | 17.66590   | (16032003) |            |           |
| 392125.34  | 3825320.88 | 17.63232   | (16032003) | 392106.68 |
| 3825304.82 | 17.70167   | (16032003) |            |           |
| 392088.02  | 3825288.76 | 17.81320   | (19122402) | 392069.35 |
| 3825272.70 | 18.60095   | (19122402) |            |           |
| 392050.69  | 3825256.64 | 19.56985   | (19122402) | 392032.03 |
| 3825240.58 | 20.92596   | (19122402) |            |           |
| 392013.36  | 3825224.52 | 22.36171   | (19122402) | 391994.70 |
| 3825208.46 | 23.05628   | (19122402) |            |           |
| 391976.04  | 3825192.40 | 23.06434   | (19122402) | 391957.37 |
| 3825176.34 | 23.14431   | (19122402) |            |           |
| 391938.71  | 3825160.28 | 23.03342   | (19122402) | 391920.05 |
| 3825144.22 | 22.22479   | (19122402) |            |           |
| 391901.38  | 3825128.16 | 21.69887   | (17011408) | 391882.72 |
| 3825112.10 | 21.99234   | (17011408) |            |           |
| 391864.06  | 3825096.04 | 21.95226   | (17011408) | 391845.39 |
| 3825079.98 | 22.11776   | (17011408) |            |           |
| 391826.73  | 3825063.92 | 21.98791   | (17011408) | 391808.07 |
| 3825047.86 | 22.10731   | (16022306) |            |           |
| 391789.40  | 3825031.80 | 22.69724   | (16022306) | 391770.74 |
| 3825015.74 | 23.11271   | (16022306) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391752.08  | 3824999.68 | 23.43025   | (16022306) | 391733.41 |
| 3824983.62 | 24.67874   | (20122117) |            |           |
| 391714.75  | 3824967.56 | 26.57974   | (20122117) | 391696.09 |
| 3824951.50 | 28.09727   | (20122117) |            |           |
| 391677.43  | 3824935.44 | 29.14788   | (20122117) | 391658.76 |
| 3824919.38 | 30.34794   | (20122117) |            |           |
| 391640.10  | 3824903.32 | 32.48963   | (20122117) | 391621.44 |
| 3824887.26 | 34.52619   | (20122117) |            |           |
| 391602.77  | 3824871.20 | 35.85962   | (20122117) | 391584.11 |
| 3824855.14 | 36.32741   | (20122117) |            |           |
| 391565.45  | 3824839.08 | 36.63134   | (20122117) | 391546.78 |
| 3824823.02 | 35.43913   | (20122117) |            |           |
| 391528.12  | 3824806.96 | 33.98447   | (20122117) | 391509.46 |
| 3824790.90 | 34.06916   | (20091423) |            |           |
| 391490.79  | 3824774.84 | 34.06941   | (20091423) | 391472.13 |
| 3824758.78 | 33.76855   | (20091423) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 478

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391453.47   | 3824742.72  | 33.45108   | (18100905) | 391434.80   |
| 3824726.66  | 34.58344    | (18100905) |            |             |
| 391416.14   | 3824710.60  | 35.43610   | (18100905) | 391397.48   |
| 3824694.54  | 35.98587    | (18100905) |            |             |
| 391378.81   | 3824678.48  | 36.21670   | (18100905) | 391360.15   |
| 3824662.42  | 36.12084    | (18100905) |            |             |
| 391341.49   | 3824646.36  | 35.69955   | (18100905) | 391322.82   |
| 3824630.30  | 34.96239    | (18100905) |            |             |
| 391304.16   | 3824614.24  | 33.92840   | (18100905) | 391285.50   |
| 3824598.18  | 32.62334    | (18100905) |            |             |
| 391266.84   | 3824582.12  | 31.07981   | (18100905) | 391248.17   |
| 3824566.06  | 32.67243    | (20022707) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391229.51  | 3824550.00 | 34.51733   | (20022707) | 391210.85 |
| 3824533.94 | 36.13200   | (20022707) |            |           |
| 391192.18  | 3824517.88 | 37.47440   | (20022707) | 391173.52 |
| 3824501.82 | 38.50682   | (20022707) |            |           |
| 391154.86  | 3824485.76 | 39.20046   | (20022707) | 391136.19 |
| 3824469.70 | 39.53477   | (20022707) |            |           |
| 391117.53  | 3824453.64 | 39.49876   | (20022707) | 391098.87 |
| 3824437.58 | 39.09213   | (20022707) |            |           |
| 391080.20  | 3824421.52 | 38.32444   | (20022707) | 391061.54 |
| 3824405.46 | 37.21634   | (20022707) |            |           |
| 391042.88  | 3824389.40 | 35.79675   | (20022707) | 391024.21 |
| 3824373.34 | 34.10197   | (20022707) |            |           |
| 391005.55  | 3824357.28 | 32.95794   | (20011802) | 390986.89 |
| 3824341.22 | 34.86906   | (20011802) |            |           |
| 390968.22  | 3824325.16 | 36.54043   | (20011802) | 390949.56 |
| 3824309.10 | 37.92550   | (20011802) |            |           |
| 390930.90  | 3824293.04 | 38.98579   | (20011802) | 390912.23 |
| 3824276.98 | 39.69041   | (20011802) |            |           |
| 390893.57  | 3824260.92 | 40.01743   | (20011802) | 390874.91 |
| 3824244.86 | 39.95632   | (20011802) |            |           |
| 390856.25  | 3824228.80 | 39.50748   | (20011802) | 390837.58 |
| 3824212.74 | 38.68221   | (20011802) |            |           |
| 390818.92  | 3824196.68 | 38.76905   | (19120105) | 390800.26 |
| 3824180.62 | 39.63083   | (19120105) |            |           |
| 390781.59  | 3824164.56 | 40.11511   | (19120105) | 390762.93 |
| 3824148.50 | 40.20614   | (19120105) |            |           |
| 390744.27  | 3824132.44 | 39.90015   | (19120105) | 390725.60 |
| 3824116.38 | 39.20452   | (19120105) |            |           |
| 390706.94  | 3824100.32 | 38.13902   | (19120105) | 390688.28 |
| 3824084.26 | 38.42983   | (19120504) |            |           |
| 390669.61  | 3824068.20 | 39.03723   | (19120504) | 390650.95 |
| 3824052.14 | 39.25913   | (19120504) |            |           |
| 390632.29  | 3824036.08 | 39.08797   | (19120504) | 390501.64 |
| 3823923.66 | 39.93556   | (17031323) |            |           |
| 390482.98  | 3823907.60 | 39.07111   | (17031323) | 390464.32 |
| 3823891.53 | 39.30109   | (16121406) |            |           |
| 390445.65  | 3823875.47 | 40.15958   | (16121406) | 390426.99 |
| 3823859.41 | 40.61798   | (16121406) |            |           |
| 390408.33  | 3823843.35 | 40.66157   | (16121406) | 390389.67 |
| 3823827.29 | 40.28797   | (16121406) |            |           |
| 390371.00  | 3823811.23 | 39.50721   | (16121406) | 390352.34 |
| 3823795.17 | 38.34267   | (16121406) |            |           |
| 390333.68  | 3823779.11 | 36.82809   | (16121406) | 390315.01 |
| 3823763.05 | 35.26797   | (20020718) |            |           |
| 390296.35  | 3823746.99 | 35.38419   | (20020718) | 390277.69 |
| 3823730.93 | 35.13322   | (20020718) |            |           |
| 390259.02  | 3823714.87 | 34.52172   | (20020718) | 390240.36 |
| 3823698.81 | 34.69264   | (17091023) |            |           |
| 390221.70  | 3823682.75 | 35.61155   | (17091023) | 390203.03 |
| 3823666.69 | 36.17453   | (17091023) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390184.37  | 3823650.63 | 36.36304   | (17091023) | 390165.71 |
| 3823634.57 | 36.17064   | (17091023) |            |           |
| 390147.04  | 3823618.51 | 35.60229   | (17091023) | 390128.38 |
| 3823602.45 | 34.67542   | (17091023) |            |           |
| 390109.72  | 3823586.39 | 33.41766   | (17091023) | 390091.05 |
| 3823570.33 | 31.86570   | (17091023) |            |           |
| 390072.39  | 3823554.27 | 33.45705   | (20111107) | 390053.73 |
| 3823538.21 | 35.57141   | (20111107) |            |           |
| 390035.06  | 3823522.15 | 37.42186   | (20111107) | 390016.40 |
| 3823506.09 | 38.95286   | (20111107) |            |           |
| 389997.74  | 3823490.03 | 40.11842   | (20111107) | 389979.08 |
| 3823473.97 | 40.88196   | (20111107) |            |           |
| 389960.41  | 3823457.91 | 41.21887   | (20111107) | 389941.75 |
| 3823441.85 | 41.11765   | (20111107) |            |           |
| 389923.09  | 3823425.79 | 40.58101   | (20111107) | 389904.42 |
| 3823409.73 | 39.62488   | (20111107) |            |           |
| 389885.76  | 3823393.67 | 38.27932   | (20111107) | 389867.10 |
| 3823377.61 | 36.58488   | (20111107) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 479

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389848.43   | 3823361.55  | 34.59104   | (20111107) | 389829.77   |
| 3823345.49  | 33.84765    | (18011717) |            |             |
| 389811.11   | 3823329.43  | 35.70234   | (18011717) | 389792.44   |
| 3823313.37  | 37.25696    | (18011717) |            |             |
| 389773.78   | 3823297.31  | 38.46313   | (18011717) | 389755.12   |
| 3823281.25  | 39.28349    | (18011717) |            |             |
| 389736.45   | 3823265.19  | 39.69169   | (18011717) | 389717.79   |
| 3823249.13  | 39.67402    | (18011717) |            |             |
| 389699.13   | 3823233.07  | 39.23081   | (18011717) | 389680.46   |
| 3823217.01  | 38.37547    | (18011717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389661.80  | 3823200.95 | 37.13538   | (18011717) | 389643.14 |
| 3823184.89 | 35.54860   | (18011717) |            |           |
| 389624.47  | 3823168.83 | 33.66231   | (18011717) | 389605.81 |
| 3823152.77 | 31.53288   | (18011717) |            |           |
| 389587.15  | 3823136.71 | 29.66020   | (18121508) | 389568.49 |
| 3823120.65 | 30.02394   | (16031907) |            |           |
| 389549.82  | 3823104.59 | 31.04842   | (16031907) | 389531.16 |
| 3823088.53 | 31.76139   | (16031907) |            |           |
| 389512.50  | 3823072.47 | 32.14034   | (16031907) | 389493.83 |
| 3823056.41 | 32.17283   | (16031907) |            |           |
| 389475.17  | 3823040.35 | 31.85769   | (16031907) | 389456.51 |
| 3823024.29 | 31.20497   | (16031907) |            |           |
| 389437.84  | 3823008.23 | 30.23500   | (16031907) | 389419.18 |
| 3822992.17 | 28.97880   | (16031907) |            |           |
| 389400.52  | 3822976.11 | 29.84999   | (19062704) | 389381.85 |
| 3822960.05 | 31.93288   | (19062704) |            |           |
| 389363.19  | 3822943.99 | 33.79093   | (19062704) | 389344.53 |
| 3822927.93 | 35.37043   | (19062704) |            |           |
| 389325.86  | 3822911.87 | 36.62372   | (19062704) | 389307.20 |
| 3822895.81 | 37.51098   | (19062704) |            |           |
| 389288.54  | 3822879.75 | 38.00438   | (19062704) | 389269.87 |
| 3822863.69 | 38.08793   | (19062704) |            |           |
| 389251.21  | 3822847.63 | 37.75900   | (19062704) | 389232.55 |
| 3822831.57 | 37.02830   | (19062704) |            |           |
| 389213.88  | 3822815.51 | 35.91886   | (19062704) | 389195.22 |
| 3822799.45 | 34.46641   | (19062704) |            |           |
| 389176.56  | 3822783.39 | 32.71529   | (19062704) | 389157.89 |
| 3822767.33 | 30.71693   | (19062704) |            |           |
| 389139.23  | 3822751.27 | 31.64627   | (20010717) | 389120.57 |
| 3822735.21 | 33.16351   | (20010717) |            |           |
| 389101.91  | 3822719.15 | 34.37804   | (20010717) | 389083.24 |
| 3822703.09 | 35.25246   | (20010717) |            |           |
| 389064.58  | 3822687.03 | 35.75877   | (20010717) | 389045.92 |
| 3822670.97 | 35.88122   | (20010717) |            |           |
| 389027.25  | 3822654.91 | 35.61590   | (20010717) | 389008.59 |
| 3822638.85 | 34.97183   | (20010717) |            |           |
| 388989.93  | 3822622.79 | 33.96979   | (20010717) | 388971.26 |
| 3822606.73 | 33.24993   | (18122218) |            |           |
| 388952.60  | 3822590.67 | 33.75061   | (18122218) | 388933.94 |
| 3822574.61 | 33.89047   | (18122218) |            |           |
| 388915.27  | 3822558.55 | 33.66518   | (18122218) | 388896.61 |
| 3822542.49 | 33.08248   | (18122218) |            |           |
| 388877.95  | 3822526.43 | 32.16123   | (18122218) | 388859.28 |
| 3822510.37 | 31.22605   | (16112518) |            |           |
| 388840.62  | 3822494.31 | 31.72143   | (16112518) | 388821.96 |
| 3822478.25 | 33.86300   | (17010720) |            |           |
| 388803.29  | 3822462.19 | 35.94624   | (17010720) | 388784.63 |
| 3822446.13 | 37.74813   | (17010720) |            |           |
| 388765.97  | 3822430.07 | 39.21620   | (17010720) | 388747.30 |
| 3822414.01 | 40.30626   | (17010720) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388728.64  | 3822397.95 | 40.98427   | (17010720) | 388709.98 |
| 3822381.89 | 41.22966   | (17010720) |            |           |
| 388691.32  | 3822365.83 | 41.03521   | (17010720) | 388672.65 |
| 3822349.77 | 40.40747   | (17010720) |            |           |
| 388653.99  | 3822333.71 | 39.36731   | (17010720) | 388635.33 |
| 3822317.65 | 37.94755   | (17010720) |            |           |
| 388616.66  | 3822301.59 | 36.19142   | (17010720) | 388598.00 |
| 3822285.53 | 34.15231   | (17010720) |            |           |
| 388579.34  | 3822269.47 | 33.56436   | (18091303) | 388560.67 |
| 3822253.41 | 33.09470   | (18091303) |            |           |
| 388542.01  | 3822237.35 | 32.28789   | (18091303) | 388523.35 |
| 3822221.29 | 31.16940   | (18091303) |            |           |
| 388504.68  | 3822205.23 | 31.63418   | (18111302) | 388486.02 |
| 3822189.17 | 31.90612   | (18111302) |            |           |
| 388467.36  | 3822173.11 | 31.84273   | (18111302) | 388448.69 |
| 3822157.05 | 31.89564   | (18070504) |            |           |
| 388430.03  | 3822140.98 | 33.25556   | (18070504) | 388411.37 |
| 3822124.92 | 34.30981   | (18070504) |            |           |
| 388392.70  | 3822108.86 | 35.02771   | (18070504) | 388374.04 |
| 3822092.80 | 35.38755   | (18070504) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 480

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388355.38   | 3822076.74  | 35.37913   | (18070504) | 388336.71   |
| 3822060.68  | 35.00333    | (18070504) |            |             |
| 388318.05   | 3822044.62  | 34.27287   | (18070504) | 388299.39   |
| 3822028.56  | 34.88787    | (19111222) |            |             |
| 388280.73   | 3822012.50  | 35.68362   | (19111222) | 388262.06   |
| 3821996.44  | 36.12051    | (19111222) |            |             |
| 388243.40   | 3821980.38  | 36.18581   | (19111222) | 388224.74   |
| 3821964.32  | 35.87856    | (19111222) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388206.07  | 3821948.26          | 35.20884 | (19111222) | 388187.41 |
| 3821932.20 | 34.19830 (19111222) |          |            |           |
| 388168.75  | 3821916.14          | 32.87776 | (19111222) | 388150.08 |
| 3821900.08 | 31.28595 (19111222) |          |            |           |
| 388131.42  | 3821884.02          | 29.46922 | (19111222) | 388112.76 |
| 3821867.96 | 31.13209 (19112123) |          |            |           |
| 388094.09  | 3821851.90          | 32.64969 | (19112123) | 388075.43 |
| 3821835.84 | 33.89257 (19112123) |          |            |           |
| 388056.77  | 3821819.78          | 34.82597 | (19112123) | 388038.10 |
| 3821803.72 | 35.42331 (19112123) |          |            |           |
| 388019.44  | 3821787.66          | 35.66747 | (19112123) | 388000.78 |
| 3821771.60 | 35.55231 (19112123) |          |            |           |
| 387982.11  | 3821755.54          | 36.38736 | (16022104) | 387963.45 |
| 3821739.48 | 37.87450 (16022104) |          |            |           |
| 387944.79  | 3821723.42          | 39.02735 | (16022104) | 387926.12 |
| 3821707.36 | 39.81368 (16022104) |          |            |           |
| 387907.46  | 3821691.30          | 40.21118 | (16022104) | 387888.80 |
| 3821675.24 | 40.20953 (16022104) |          |            |           |
| 387870.13  | 3821659.18          | 39.80985 | (16022104) | 387851.47 |
| 3821643.12 | 39.02548 (16022104) |          |            |           |
| 387832.81  | 3821627.06          | 37.88043 | (16022104) | 387814.15 |
| 3821611.00 | 38.29917 (17010803) |          |            |           |
| 387795.48  | 3821594.94          | 38.81500 | (17010803) | 387776.82 |
| 3821578.88 | 38.95240 (17010803) |          |            |           |
| 387758.16  | 3821562.82          | 38.70878 | (17010803) | 387739.49 |
| 3821546.76 | 38.09232 (17010803) |          |            |           |
| 392181.33  | 3825369.06          | 17.01820 | (16032003) | 392204.20 |
| 3825378.31 | 16.44483 (16032003) |          |            |           |
| 392227.06  | 3825387.56          | 15.93994 | (19110502) | 391662.66 |
| 3826589.04 | 8.98416 (19122402)  |          |            |           |
| 391644.02  | 3826573.00          | 9.37813  | (19122402) | 391625.37 |
| 3826556.96 | 9.38640 (19122402)  |          |            |           |
| 391606.73  | 3826540.91          | 8.72236  | (19122402) | 391588.09 |
| 3826524.87 | 8.55506 (19122402)  |          |            |           |
| 391569.44  | 3826508.83          | 8.74072  | (19122402) | 391550.80 |
| 3826492.79 | 8.66254 (19122402)  |          |            |           |
| 391532.16  | 3826476.74          | 8.51450  | (19122402) | 391513.52 |
| 3826460.70 | 8.34597 (19122402)  |          |            |           |
| 391494.87  | 3826444.66          | 8.11880  | (19122402) | 391476.23 |
| 3826428.62 | 8.07742 (17011408)  |          |            |           |
| 391457.59  | 3826412.57          | 8.25370  | (17011408) | 391438.94 |
| 3826396.53 | 8.41715 (17011408)  |          |            |           |
| 391420.30  | 3826380.49          | 8.52965  | (17011408) | 391401.66 |
| 3826364.45 | 8.42074 (17011408)  |          |            |           |
| 391383.02  | 3826348.40          | 8.28334  | (17011408) | 391364.37 |
| 3826332.36 | 8.13490 (17011408)  |          |            |           |
| 391345.73  | 3826316.32          | 8.37332  | (16022306) | 391327.09 |
| 3826300.28 | 8.57930 (16022306)  |          |            |           |
| 391308.45  | 3826284.23          | 8.73467  | (16022306) | 391289.80 |
| 3826268.19 | 8.81697 (16022306)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391271.16  | 3826252.15 | 8.84516    | (16022306) | 391252.52 |
| 3826236.11 | 8.90456    | (20122117) |            |           |
| 391233.87  | 3826220.06 | 9.37214    | (20122117) | 391215.23 |
| 3826204.02 | 9.79125    | (20122117) |            |           |
| 391196.59  | 3826187.98 | 10.14645   | (20122117) | 391177.95 |
| 3826171.94 | 10.57260   | (20122117) |            |           |
| 391159.30  | 3826155.89 | 11.32107   | (20122117) | 391140.66 |
| 3826139.85 | 11.84504   | (20122117) |            |           |
| 391122.02  | 3826123.81 | 11.81155   | (20122117) | 391103.37 |
| 3826107.77 | 11.41462   | (20122117) |            |           |
| 391084.73  | 3826091.72 | 11.20644   | (20122117) | 391066.09 |
| 3826075.68 | 11.01310   | (20122117) |            |           |
| 391047.45  | 3826059.64 | 10.40729   | (18011401) | 391028.80 |
| 3826043.60 | 10.41362   | (18011401) |            |           |
| 391010.16  | 3826027.55 | 10.56350   | (18011401) | 390991.52 |
| 3826011.51 | 10.53952   | (18011401) |            |           |
| 390972.88  | 3825995.47 | 10.38151   | (18011401) | 390954.23 |
| 3825979.43 | 10.33827   | (18011401) |            |           |
| 390935.59  | 3825963.38 | 11.14343   | (18100905) | 390916.95 |
| 3825947.34 | 12.39129   | (18100905) |            |           |
| 390898.30  | 3825931.30 | 13.63605   | (18100905) | 390879.66 |
| 3825915.26 | 14.92154   | (18100905) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 481

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390861.02   | 3825899.21  | 16.10310   | (18100905) | 390842.38   |
| 3825883.17  | 16.55857    | (18100905) |            |             |
| 390823.73   | 3825867.13  | 16.55783   | (18100905) | 390805.09   |
| 3825851.08  | 16.63205    | (18100905) |            |             |
| 390786.45   | 3825835.04  | 16.57434   | (18100905) | 390767.80   |
| 3825819.00  | 16.40983    | (18100905) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390749.16  | 3825802.96          | 15.99328 | (18100905) | 390730.52 |
| 3825786.91 | 15.43111 (18100905) |          |            |           |
| 390711.88  | 3825770.87          | 16.43008 | (20022707) | 390693.23 |
| 3825754.83 | 17.84964 (20022707) |          |            |           |
| 390674.59  | 3825738.79          | 19.29799 | (20022707) | 390655.95 |
| 3825722.74 | 21.01024 (20022707) |          |            |           |
| 390637.30  | 3825706.70          | 22.69249 | (20022707) | 390618.66 |
| 3825690.66 | 23.41769 (20022707) |          |            |           |
| 390600.02  | 3825674.62          | 24.24221 | (20022707) | 390581.38 |
| 3825658.57 | 25.65057 (20022707) |          |            |           |
| 390562.73  | 3825642.53          | 25.85932 | (20022707) | 390544.09 |
| 3825626.49 | 25.18646 (20022707) |          |            |           |
| 390525.45  | 3825610.45          | 25.16758 | (20022707) | 390506.81 |
| 3825594.40 | 24.99853 (20022707) |          |            |           |
| 390488.16  | 3825578.36          | 24.70893 | (20022707) | 390469.52 |
| 3825562.32 | 24.24041 (20022707) |          |            |           |
| 390450.88  | 3825546.28          | 23.83403 | (18032001) | 390432.23 |
| 3825530.23 | 24.74594 (18032001) |          |            |           |
| 390413.59  | 3825514.19          | 26.30201 | (20011802) | 390394.95 |
| 3825498.15 | 28.49821 (20011802) |          |            |           |
| 390376.31  | 3825482.11          | 30.05258 | (20011802) | 390357.66 |
| 3825466.06 | 31.55838 (20011802) |          |            |           |
| 390339.02  | 3825450.02          | 33.08305 | (20011802) | 390320.38 |
| 3825433.98 | 33.53129 (20011802) |          |            |           |
| 390301.73  | 3825417.94          | 33.72756 | (20011802) | 390283.09 |
| 3825401.89 | 33.66791 (20011802) |          |            |           |
| 390264.45  | 3825385.85          | 33.35298 | (20011802) | 390245.81 |
| 3825369.81 | 32.78918 (20011802) |          |            |           |
| 390227.16  | 3825353.77          | 32.23644 | (19120105) | 390208.52 |
| 3825337.72 | 33.01617 (19120105) |          |            |           |
| 390189.88  | 3825321.68          | 33.55616 | (19120105) | 390171.24 |
| 3825305.64 | 33.84364 (19120105) |          |            |           |
| 390152.59  | 3825289.60          | 33.87120 | (19120105) | 390133.95 |
| 3825273.55 | 33.63746 (19120105) |          |            |           |
| 390115.31  | 3825257.51          | 33.14712 | (19120105) | 390096.66 |
| 3825241.47 | 32.41041 (19120105) |          |            |           |
| 390078.02  | 3825225.43          | 32.02025 | (19120504) | 390059.38 |
| 3825209.38 | 32.62302 (19120504) |          |            |           |
| 390040.74  | 3825193.34          | 32.97872 | (19120504) | 390022.09 |
| 3825177.30 | 33.07857 (19120504) |          |            |           |
| 390003.45  | 3825161.26          | 32.91951 | (19120504) | 389984.81 |
| 3825145.21 | 32.50457 (19120504) |          |            |           |
| 389966.16  | 3825129.17          | 31.91691 | (17031323) | 389947.52 |
| 3825113.13 | 32.84211 (17031323) |          |            |           |
| 389928.88  | 3825097.09          | 33.52882 | (17031323) | 389910.24 |
| 3825081.04 | 33.96060 (17031323) |          |            |           |
| 389891.59  | 3825065.00          | 34.12641 | (17031323) | 389761.09 |
| 3824952.70 | 34.28506 (16121406) |          |            |           |
| 389742.45  | 3824936.66          | 34.22833 | (16121406) | 389723.81 |
| 3824920.62 | 33.89775 (16121406) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389705.17  | 3824904.58 | 33.30064   | (16121406) | 389686.52 |
| 3824888.53 | 32.45008   | (16121406) |            |           |
| 389667.88  | 3824872.49 | 31.36643   | (16121406) | 389649.24 |
| 3824856.45 | 30.07375   | (16121406) |            |           |
| 389630.59  | 3824840.40 | 29.78792   | (20020718) | 389611.95 |
| 3824824.36 | 29.77148   | (20020718) |            |           |
| 389593.31  | 3824808.32 | 29.51405   | (20020718) | 389574.67 |
| 3824792.28 | 29.02141   | (20020718) |            |           |
| 389556.02  | 3824776.23 | 29.11261   | (17091023) | 389537.38 |
| 3824760.19 | 29.84359   | (17091023) |            |           |
| 389518.74  | 3824744.15 | 30.34421   | (17091023) | 389500.09 |
| 3824728.11 | 30.60195   | (17091023) |            |           |
| 389481.45  | 3824712.06 | 30.60998   | (17091023) | 389462.81 |
| 3824696.02 | 30.36770   | (17091023) |            |           |
| 389444.17  | 3824679.98 | 29.88065   | (17091023) | 389425.52 |
| 3824663.94 | 29.15995   | (17091023) |            |           |
| 389406.88  | 3824647.89 | 28.22281   | (17091023) | 389388.24 |
| 3824631.85 | 27.09108   | (17091023) |            |           |
| 389369.59  | 3824615.81 | 27.27835   | (20111107) | 389350.95 |
| 3824599.77 | 28.94079   | (20111107) |            |           |
| 389332.31  | 3824583.72 | 30.45247   | (20111107) | 389313.67 |
| 3824567.68 | 31.77889   | (20111107) |            |           |
| 389295.02  | 3824551.64 | 32.89003   | (20111107) | 389276.38 |
| 3824535.60 | 33.75864   | (20111107) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 482

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389257.74   | 3824519.55  | 34.36395   | (20111107) | 389239.10   |
| 3824503.51  | 34.69042    | (20111107) |            |             |
| 389220.45   | 3824487.47  | 34.72973   | (20111107) | 389201.81   |
| 3824471.43  | 34.48055    | (20111107) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389183.17  | 3824455.38 | 33.94860   | (20111107) | 389164.52 |
| 3824439.34 | 33.14650   | (20111107) |            |           |
| 389145.88  | 3824423.30 | 32.09398   | (20111107) | 389127.24 |
| 3824407.26 | 30.81567   | (20111107) |            |           |
| 389108.60  | 3824391.21 | 29.34080   | (20111107) | 389089.95 |
| 3824375.17 | 27.82383   | (18011717) |            |           |
| 389071.31  | 3824359.13 | 29.29667   | (18011717) | 389052.67 |
| 3824343.09 | 30.59011   | (18011717) |            |           |
| 389034.02  | 3824327.04 | 31.67449   | (18011717) | 389015.38 |
| 3824311.00 | 32.52249   | (18011717) |            |           |
| 388996.74  | 3824294.96 | 33.11387   | (18011717) | 388978.10 |
| 3824278.92 | 33.43373   | (18011717) |            |           |
| 388959.45  | 3824262.87 | 33.47378   | (18011717) | 388940.81 |
| 3824246.83 | 33.23271   | (18011717) |            |           |
| 388922.17  | 3824230.79 | 32.71645   | (18011717) | 388903.53 |
| 3824214.75 | 31.93763   | (18011717) |            |           |
| 388884.88  | 3824198.70 | 30.91457   | (18011717) | 388866.24 |
| 3824182.66 | 29.67293   | (18011717) |            |           |
| 388847.60  | 3824166.62 | 28.24128   | (18011717) | 388828.95 |
| 3824150.58 | 26.65158   | (18011717) |            |           |
| 388810.31  | 3824134.53 | 25.04888   | (18121508) | 388791.67 |
| 3824118.49 | 24.80070   | (16031907) |            |           |
| 388773.03  | 3824102.45 | 25.67345   | (16031907) | 388754.38 |
| 3824086.41 | 26.35320   | (16031907) |            |           |
| 388735.74  | 3824070.36 | 26.82286   | (16031907) | 388717.10 |
| 3824054.32 | 27.07055   | (16031907) |            |           |
| 388698.45  | 3824038.28 | 27.09005   | (16031907) | 388679.81 |
| 3824022.24 | 26.88081   | (16031907) |            |           |
| 388661.17  | 3824006.19 | 26.44794   | (16031907) | 388642.53 |
| 3823990.15 | 25.80235   | (16031907) |            |           |
| 388623.88  | 3823974.11 | 24.95957   | (16031907) | 388605.24 |
| 3823958.07 | 23.94052   | (16031907) |            |           |
| 388586.60  | 3823942.02 | 25.29107   | (19062704) | 388567.95 |
| 3823925.98 | 26.83969   | (19062704) |            |           |
| 388549.31  | 3823909.94 | 28.24182   | (19062704) | 388530.67 |
| 3823893.90 | 29.46600   | (19062704) |            |           |
| 388512.03  | 3823877.85 | 30.48366   | (19062704) | 388493.38 |
| 3823861.81 | 31.26977   | (19062704) |            |           |
| 388474.74  | 3823845.77 | 31.80480   | (19062704) | 388456.10 |
| 3823829.72 | 32.07569   | (19062704) |            |           |
| 388437.46  | 3823813.68 | 32.07540   | (19062704) | 388418.81 |
| 3823797.64 | 31.80394   | (19062704) |            |           |
| 388400.17  | 3823781.60 | 31.26841   | (19062704) | 388381.53 |
| 3823765.55 | 30.48196   | (19062704) |            |           |
| 388362.88  | 3823749.51 | 29.46404   | (19062704) | 388344.24 |
| 3823733.47 | 28.23982   | (19062704) |            |           |
| 388325.60  | 3823717.43 | 26.83784   | (19062704) | 388306.96 |
| 3823701.38 | 25.38963   | (20010717) |            |           |
| 388288.31  | 3823685.34 | 26.69585   | (20010717) | 388269.67 |
| 3823669.30 | 27.83167   | (20010717) |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 388251.03                                                                | 3823653.26 | 28.77079   | (20010717) | 388232.38 |
| 3823637.21                                                               | 29.49092   | (20010717) |            |           |
| 388213.74                                                                | 3823621.17 | 29.97358   | (20010717) | 388195.10 |
| 3823605.13                                                               | 30.20728   | (20010717) |            |           |
| 388176.46                                                                | 3823589.09 | 30.18627   | (20010717) | 388157.81 |
| 3823573.04                                                               | 29.91099   | (20010717) |            |           |
| 388139.17                                                                | 3823557.00 | 29.38880   | (20010717) | 388120.53 |
| 3823540.96                                                               | 28.63280   | (20010717) |            |           |
| 388101.89                                                                | 3823524.92 | 27.86196   | (18122218) | 388083.24 |
| 3823508.87                                                               | 28.31014   | (18122218) |            |           |
| 388064.60                                                                | 3823492.83 | 28.52337   | (18122218) | 388045.96 |
| 3823476.79                                                               | 28.49679   | (18122218) |            |           |
| 388027.31                                                                | 3823460.75 | 28.23111   | (18122218) | 388008.67 |
| 3823444.70                                                               | 27.73324   | (18122218) |            |           |
| 387990.03                                                                | 3823428.66 | 27.01588   | (18122218) | 387971.39 |
| 3823412.62                                                               | 26.20804   | (16112518) |            |           |
| 387952.74                                                                | 3823396.58 | 26.62452   | (16112518) | 387934.10 |
| 3823380.53                                                               | 27.66140   | (17010720) |            |           |
| 387915.46                                                                | 3823364.49 | 29.30438   | (17010720) | 387896.81 |
| 3823348.45                                                               | 30.78512   | (17010720) |            |           |
| 387878.17                                                                | 3823332.41 | 32.06950   | (17010720) | 387859.53 |
| 3823316.36                                                               | 33.12847   | (17010720) |            |           |
| 387840.89                                                                | 3823300.32 | 33.93624   | (17010720) | 387822.24 |
| 3823284.28                                                               | 34.47385   | (17010720) |            |           |
| 387803.60                                                                | 3823268.24 | 34.72810   | (17010720) | 387784.96 |
| 3823252.19                                                               | 34.69314   | (17010720) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                    | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                          | ***        | 17:54:19   |            |           |

PAGE 483

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387766.31   | 3823236.15  | 34.36999   | (17010720) | 387747.67   |
| 3823220.11  | 33.76734    | (17010720) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387729.03  | 3823204.07 | 32.90024   | (17010720) | 387710.39 |
| 3823188.02 | 31.78969   | (17010720) |            |           |
| 387691.74  | 3823171.98 | 30.46244   | (17010720) | 387673.10 |
| 3823155.94 | 28.94985   | (17010720) |            |           |
| 387654.46  | 3823139.90 | 28.32758   | (18091303) | 387635.82 |
| 3823123.85 | 28.07175   | (18091303) |            |           |
| 387617.17  | 3823107.81 | 27.58878   | (18091303) | 387598.53 |
| 3823091.77 | 26.89109   | (18091303) |            |           |
| 387579.89  | 3823075.73 | 26.20952   | (18111302) | 387561.24 |
| 3823059.68 | 26.63662   | (18111302) |            |           |
| 387542.60  | 3823043.64 | 26.84792   | (18111302) | 387523.96 |
| 3823027.60 | 26.83891   | (18111302) |            |           |
| 387505.32  | 3823011.56 | 26.61019   | (18111302) | 387486.67 |
| 3822995.51 | 27.42662   | (18070504) |            |           |
| 387468.03  | 3822979.47 | 28.35026   | (18070504) | 387449.39 |
| 3822963.43 | 29.06534   | (18070504) |            |           |
| 387430.74  | 3822947.39 | 29.55529   | (18070504) | 387412.10 |
| 3822931.34 | 29.80856   | (18070504) |            |           |
| 387393.46  | 3822915.30 | 29.81937   | (18070504) | 387374.82 |
| 3822899.26 | 29.58807   | (18070504) |            |           |
| 387356.17  | 3822883.22 | 29.12054   | (18070504) | 387337.53 |
| 3822867.17 | 28.88670   | (19111222) |            |           |
| 387318.89  | 3822851.13 | 29.63725   | (19111222) | 387300.25 |
| 3822835.09 | 30.16139   | (19111222) |            |           |
| 387281.60  | 3822819.04 | 30.44718   | (19111222) | 387262.96 |
| 3822803.00 | 30.48792   | (19111222) |            |           |
| 387244.32  | 3822786.96 | 30.28338   | (19111222) | 387225.67 |
| 3822770.92 | 29.83883   | (19111222) |            |           |
| 387207.03  | 3822754.87 | 29.16542   | (19111222) | 387188.39 |
| 3822738.83 | 28.27972   | (19111222) |            |           |
| 387169.75  | 3822722.79 | 27.20241   | (19111222) | 387151.10 |
| 3822706.75 | 25.95773   | (19111222) |            |           |
| 387132.46  | 3822690.70 | 24.69114   | (19112123) | 387113.82 |
| 3822674.66 | 26.00798   | (19112123) |            |           |
| 387095.17  | 3822658.62 | 27.17683   | (19112123) | 387076.53 |
| 3822642.58 | 28.17200   | (19112123) |            |           |
| 387057.89  | 3822626.53 | 28.97215   | (19112123) | 387039.25 |
| 3822610.49 | 29.55891   | (19112123) |            |           |
| 387020.60  | 3822594.45 | 29.91953   | (19112123) | 387001.96 |
| 3822578.41 | 30.04600   | (19112123) |            |           |
| 386983.32  | 3822562.36 | 29.93600   | (19112123) | 386964.67 |
| 3822546.32 | 30.41137   | (16022104) |            |           |
| 386946.03  | 3822530.28 | 31.57410   | (16022104) | 386927.39 |
| 3822514.24 | 32.52432   | (16022104) |            |           |
| 386908.75  | 3822498.19 | 33.24147   | (16022104) | 386890.10 |
| 3822482.15 | 33.70933   | (16022104) |            |           |
| 386871.46  | 3822466.11 | 33.91791   | (16022104) | 386852.82 |
| 3822450.07 | 33.86321   | (16022104) |            |           |
| 386834.18  | 3822434.02 | 33.54711   | (16022104) | 386815.53 |
| 3822417.98 | 32.97757   | (16022104) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386796.89  | 3822401.94 | 32.16860   | (16022104) | 386778.25 |
| 3822385.90 | 31.97919   | (17010803) |            |           |
| 386759.60  | 3822369.85 | 32.50111   | (17010803) | 386740.96 |
| 3822353.81 | 32.77787   | (17010803) |            |           |
| 386722.32  | 3822337.77 | 32.80424   | (17010803) | 386703.68 |
| 3822321.73 | 32.58038   | (17010803) |            |           |
| 386685.03  | 3822305.68 | 32.11179   | (17010803) | 386666.39 |
| 3822289.64 | 31.51782   | (16102117) |            |           |
| 386647.75  | 3822273.60 | 32.36006   | (16102117) | 386629.10 |
| 3822257.56 | 32.97300   | (16102117) |            |           |
| 386610.46  | 3822241.51 | 33.34360   | (16102117) | 386591.82 |
| 3822225.47 | 33.46415   | (16102117) |            |           |
| 391681.30  | 3826605.08 | 8.26132    | (16032003) | 391704.17 |
| 3826614.33 | 8.01254    | (16032003) |            |           |
| 391727.03  | 3826623.58 | 8.13719    | (16032003) | 391162.58 |
| 3827825.02 | 7.66807    | (19122402) |            |           |
| 391143.90  | 3827808.94 | 6.62055    | (19122402) | 391125.21 |
| 3827792.86 | 4.97437    | (19122402) |            |           |
| 391106.52  | 3827776.78 | 3.44134    | (19122402) | 391087.83 |
| 3827760.70 | 2.84484    | (19033007) |            |           |
| 391069.15  | 3827744.62 | 2.75864    | (19033007) | 391050.46 |
| 3827728.54 | 2.76433    | (19033007) |            |           |
| 391031.77  | 3827712.46 | 2.80090    | (19033007) | 391013.08 |
| 3827696.38 | 2.85522    | (19033007) |            |           |
| 390994.40  | 3827680.30 | 2.89813    | (19033007) | 390975.71 |
| 3827664.21 | 2.90450    | (19033007) |            |           |
| 390957.02  | 3827648.13 | 2.90827    | (19033007) | 390938.33 |
| 3827632.05 | 2.94936    | (19033007) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 484

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390919.65  | 3827615.97          | 2.97591  | (19033007) | 390900.96 |
| 3827599.89 | 3.00467 (16022306)  |          |            |           |
| 390882.27  | 3827583.81          | 3.36337  | (16022306) | 390863.58 |
| 3827567.73 | 4.12125 (16022306)  |          |            |           |
| 390844.90  | 3827551.65          | 5.00653  | (16022306) | 390826.21 |
| 3827535.57 | 5.81042 (16022306)  |          |            |           |
| 390807.52  | 3827519.48          | 6.36533  | (16022306) | 390788.83 |
| 3827503.40 | 6.72396 (16022306)  |          |            |           |
| 390770.15  | 3827487.32          | 7.02720  | (20122117) | 390751.46 |
| 3827471.24 | 6.98191 (20122117)  |          |            |           |
| 390732.77  | 3827455.16          | 6.99815  | (20122117) | 390714.08 |
| 3827439.08 | 7.09025 (20122117)  |          |            |           |
| 390695.40  | 3827423.00          | 7.45944  | (20122117) | 390676.71 |
| 3827406.92 | 8.11814 (20122117)  |          |            |           |
| 390658.02  | 3827390.84          | 8.48535  | (20122117) | 390639.33 |
| 3827374.76 | 8.68593 (20122117)  |          |            |           |
| 390620.65  | 3827358.67          | 8.88786  | (20122117) | 390601.96 |
| 3827342.59 | 9.24849 (20122117)  |          |            |           |
| 390583.27  | 3827326.51          | 9.58379  | (20122117) | 390564.58 |
| 3827310.43 | 9.84015 (20122117)  |          |            |           |
| 390545.90  | 3827294.35          | 10.24170 | (20091423) | 390527.21 |
| 3827278.27 | 10.69255 (20091423) |          |            |           |
| 390508.52  | 3827262.19          | 11.06429 | (20091423) | 390489.83 |
| 3827246.11 | 11.17175 (20091423) |          |            |           |
| 390471.15  | 3827230.03          | 11.10203 | (20091423) | 390452.46 |
| 3827213.95 | 11.08792 (20091423) |          |            |           |
| 390433.77  | 3827197.86          | 11.21225 | (18100905) | 390415.08 |
| 3827181.78 | 11.65429 (18100905) |          |            |           |
| 390396.40  | 3827165.70          | 11.97961 | (18100905) | 390377.71 |
| 3827149.62 | 12.03844 (18100905) |          |            |           |
| 390359.02  | 3827133.54          | 11.99745 | (18100905) | 390340.33 |
| 3827117.46 | 12.11361 (18100905) |          |            |           |
| 390321.65  | 3827101.38          | 12.11014 | (18100905) | 390302.96 |
| 3827085.30 | 11.96737 (18100905) |          |            |           |
| 390284.27  | 3827069.22          | 11.76029 | (18100905) | 390265.58 |
| 3827053.14 | 11.56591 (18100905) |          |            |           |
| 390246.90  | 3827037.05          | 11.34194 | (18100905) | 390228.21 |
| 3827020.97 | 11.01736 (18100905) |          |            |           |
| 390209.52  | 3827004.89          | 10.52976 | (18100905) | 390190.83 |
| 3826988.81 | 10.37756 (20032003) |          |            |           |
| 390172.15  | 3826972.73          | 10.75723 | (20022707) | 390153.46 |
| 3826956.65 | 11.26957 (20022707) |          |            |           |
| 390134.77  | 3826940.57          | 11.70539 | (20022707) | 390116.08 |
| 3826924.49 | 12.20083 (20022707) |          |            |           |
| 390097.40  | 3826908.41          | 12.61931 | (20022707) | 390078.71 |
| 3826892.33 | 12.95898 (20022707) |          |            |           |
| 390060.02  | 3826876.24          | 13.18140 | (20022707) | 390041.33 |
| 3826860.16 | 13.31150 (20022707) |          |            |           |
| 390022.65  | 3826844.08          | 13.42901 | (20022707) | 390003.96 |
| 3826828.00 | 13.53040 (20022707) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389985.27  | 3826811.92 | 13.62613   | (20022707) | 389966.58 |
| 3826795.84 | 13.52293   | (20022707) |            |           |
| 389947.90  | 3826779.76 | 13.22173   | (20022707) | 389929.21 |
| 3826763.68 | 13.21891   | (20022707) |            |           |
| 389910.52  | 3826747.60 | 13.09924   | (20022707) | 389891.83 |
| 3826731.52 | 12.76649   | (18032001) |            |           |
| 389873.15  | 3826715.43 | 12.90031   | (18032001) | 389854.46 |
| 3826699.35 | 12.97985   | (18032001) |            |           |
| 389835.77  | 3826683.27 | 13.00490   | (20011802) | 389817.08 |
| 3826667.19 | 13.66058   | (20011802) |            |           |
| 389798.40  | 3826651.11 | 14.60696   | (20011802) | 389779.71 |
| 3826635.03 | 15.96682   | (20011802) |            |           |
| 389761.02  | 3826618.95 | 17.61613   | (20011802) | 389742.33 |
| 3826602.87 | 18.49732   | (20011802) |            |           |
| 389723.65  | 3826586.79 | 19.14740   | (20011802) | 389704.96 |
| 3826570.71 | 19.96105   | (20011802) |            |           |
| 389686.27  | 3826554.62 | 20.52643   | (20011802) | 389667.58 |
| 3826538.54 | 19.68652   | (20011802) |            |           |
| 389648.90  | 3826522.46 | 18.02787   | (20011802) | 389630.21 |
| 3826506.38 | 16.79608   | (20011802) |            |           |
| 389611.52  | 3826490.30 | 16.88794   | (19120105) | 389592.83 |
| 3826474.22 | 17.22552   | (19120105) |            |           |
| 389574.15  | 3826458.14 | 17.86184   | (19120105) | 389555.46 |
| 3826442.06 | 18.57506   | (19120105) |            |           |
| 389536.77  | 3826425.98 | 19.31594   | (19120105) | 389518.08 |
| 3826409.90 | 19.82643   | (19120105) |            |           |
| 389499.40  | 3826393.81 | 20.66326   | (19120105) | 389480.71 |
| 3826377.73 | 21.93624   | (19120105) |            |           |
| 389462.02  | 3826361.65 | 23.38529   | (19120504) | 389443.33 |
| 3826345.57 | 25.44570   | (19120504) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 485

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| -----      |           |            |          |            |           |
|            | 389424.65 | 3826329.49 | 26.48948 | (19120504) | 389405.96 |
| 3826313.41 | 27.05221  | (19120504) |          |            |           |
|            | 389387.27 | 3826297.33 | 26.77897 | (19120504) | 389368.58 |
| 3826281.25 | 26.69082  | (19120504) |          |            |           |
|            | 389349.90 | 3826265.17 | 26.57200 | (19120504) | 389331.21 |
| 3826249.09 | 26.18192  | (19120504) |          |            |           |
|            | 389312.52 | 3826233.00 | 26.23682 | (17031323) | 389293.83 |
| 3826216.92 | 25.51385  | (17031323) |          |            |           |
|            | 389275.15 | 3826200.84 | 23.99978 | (17031323) | 389256.46 |
| 3826184.76 | 22.66762  | (17031323) |          |            |           |
|            | 389237.77 | 3826168.68 | 22.49013 | (17031323) | 389219.08 |
| 3826152.60 | 22.09552  | (17031323) |          |            |           |
|            | 389200.40 | 3826136.52 | 21.31242 | (17031323) | 389181.71 |
| 3826120.44 | 20.79014  | (17031323) |          |            |           |
|            | 389163.02 | 3826104.36 | 21.36533 | (16121406) | 389144.33 |
| 3826088.28 | 22.54424  | (16121406) |          |            |           |
|            | 389032.21 | 3825991.79 | 28.40831 | (16121406) | 389013.52 |
| 3825975.71 | 27.01336  | (16121406) |          |            |           |
|            | 388994.83 | 3825959.63 | 24.65548 | (16121406) | 388976.15 |
| 3825943.55 | 22.84524  | (20020718) |          |            |           |
|            | 388957.46 | 3825927.47 | 22.74704 | (20020718) | 388938.77 |
| 3825911.38 | 22.85174  | (20020718) |          |            |           |
|            | 388920.08 | 3825895.30 | 22.97662 | (20020718) | 388901.40 |
| 3825879.22 | 23.00666  | (20020718) |          |            |           |
|            | 388882.71 | 3825863.14 | 23.08784 | (20020718) | 388864.02 |
| 3825847.06 | 24.23962  | (17091023) |          |            |           |
|            | 388845.33 | 3825830.98 | 25.71681 | (17091023) | 388826.65 |
| 3825814.90 | 26.10360  | (17091023) |          |            |           |
|            | 388807.96 | 3825798.82 | 26.30294 | (17091023) | 388789.27 |
| 3825782.74 | 26.32839  | (17091023) |          |            |           |
|            | 388770.58 | 3825766.66 | 26.17916 | (17091023) | 388751.90 |
| 3825750.57 | 25.85804  | (17091023) |          |            |           |
|            | 388733.21 | 3825734.49 | 25.37095 | (17091023) | 388714.52 |
| 3825718.41 | 24.72724  | (17091023) |          |            |           |
|            | 388695.83 | 3825702.33 | 23.93909 | (17091023) | 388677.15 |
| 3825686.25 | 23.02157  | (17091023) |          |            |           |
|            | 388658.46 | 3825670.17 | 23.39486 | (20111107) | 388639.77 |
| 3825654.09 | 24.69134  | (20111107) |          |            |           |
|            | 388621.08 | 3825638.01 | 25.88586 | (20111107) | 388602.40 |
| 3825621.93 | 26.95666  | (20111107) |          |            |           |
|            | 388583.71 | 3825605.85 | 27.88449 | (20111107) | 388565.02 |
| 3825589.76 | 28.65138  | (20111107) |          |            |           |
|            | 388546.33 | 3825573.68 | 29.24188 | (20111107) | 388527.65 |
| 3825557.60 | 29.64426  | (20111107) |          |            |           |
|            | 388508.96 | 3825541.52 | 29.85049 | (20111107) | 388490.27 |
| 3825525.44 | 29.85604  | (20111107) |          |            |           |
|            | 388471.58 | 3825509.36 | 29.66057 | (20111107) | 388452.90 |
| 3825493.28 | 29.26796  | (20111107) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388434.21  | 3825477.20 | 28.68555   | (20111107) | 388415.52 |
| 3825461.12 | 27.92480   | (20111107) |            |           |
| 388396.83  | 3825445.04 | 27.00037   | (20111107) | 388378.15 |
| 3825428.95 | 25.92990   | (20111107) |            |           |
| 388359.46  | 3825412.87 | 24.73293   | (20111107) | 388340.77 |
| 3825396.79 | 24.02204   | (18011717) |            |           |
| 388322.08  | 3825380.71 | 25.15987   | (18011717) | 388303.40 |
| 3825364.63 | 26.17295   | (18011717) |            |           |
| 388284.71  | 3825348.55 | 27.04274   | (18011717) | 388266.02 |
| 3825332.47 | 27.75203   | (18011717) |            |           |
| 388247.33  | 3825316.39 | 28.28671   | (18011717) | 388228.65 |
| 3825300.31 | 28.63587   | (18011717) |            |           |
| 388209.96  | 3825284.23 | 28.79251   | (18011717) | 388191.27 |
| 3825268.14 | 28.75313   | (18011717) |            |           |
| 388172.58  | 3825252.06 | 28.51838   | (18011717) | 388153.90 |
| 3825235.98 | 28.09311   | (18011717) |            |           |
| 388135.21  | 3825219.90 | 27.48544   | (18011717) | 388116.52 |
| 3825203.82 | 26.70751   | (18011717) |            |           |
| 388097.83  | 3825187.74 | 25.77446   | (18011717) | 388079.15 |
| 3825171.66 | 24.70447   | (18011717) |            |           |
| 388060.46  | 3825155.58 | 23.51672   | (18011717) | 388041.77 |
| 3825139.50 | 22.23292   | (18011717) |            |           |
| 388023.08  | 3825123.42 | 21.43612   | (18121508) | 388004.40 |
| 3825107.33 | 21.37703   | (16031907) |            |           |
| 387985.71  | 3825091.25 | 22.04740   | (16031907) | 387967.02 |
| 3825075.17 | 22.58338   | (16031907) |            |           |
| 387948.33  | 3825059.09 | 22.97426   | (16031907) | 387929.65 |
| 3825043.01 | 23.21203   | (16031907) |            |           |
| 387910.96  | 3825026.93 | 23.29191   | (16031907) | 387892.27 |
| 3825010.85 | 23.21211   | (16031907) |            |           |
| 387873.58  | 3824994.77 | 22.97421   | (16031907) | 387854.90 |
| 3824978.69 | 22.58320   | (16031907) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 486

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 387836.21   | 3824962.61          | 22.04664   | (16031907) | 387817.52   |
| 3824946.52  | 21.37516 (16031907) |            |            |             |
| 387798.83   | 3824930.44          | 20.58218   | (16031907) | 387780.15   |
| 3824914.36  | 21.31980 (19062704) |            |            |             |
| 387761.46   | 3824898.28          | 22.55217   | (19062704) | 387742.77   |
| 3824882.20  | 23.69217 (19062704) |            |            |             |
| 387724.08   | 3824866.12          | 24.71912   | (19062704) | 387705.40   |
| 3824850.04  | 25.61351 (19062704) |            |            |             |
| 387686.71   | 3824833.96          | 26.35857   | (19062704) | 387668.02   |
| 3824817.88  | 26.93932 (19062704) |            |            |             |
| 387649.33   | 3824801.79          | 27.34422   | (19062704) | 387630.65   |
| 3824785.71  | 27.56476 (19062704) |            |            |             |
| 387611.96   | 3824769.63          | 27.59666   | (19062704) | 387593.27   |
| 3824753.55  | 27.43922 (19062704) |            |            |             |
| 387574.58   | 3824737.47          | 27.09568   | (19062704) | 387555.90   |
| 3824721.39  | 26.57326 (19062704) |            |            |             |
| 387537.21   | 3824705.31          | 25.88216   | (19062704) | 387518.52   |
| 3824689.23  | 25.03628 (19062704) |            |            |             |
| 387499.83   | 3824673.15          | 24.05209   | (19062704) | 387481.15   |
| 3824657.07  | 22.94862 (19062704) |            |            |             |
| 387462.46   | 3824640.98          | 21.74514   | (19062704) | 387443.77   |
| 3824624.90  | 22.63367 (20010717) |            |            |             |
| 387425.08   | 3824608.82          | 23.56007   | (20010717) | 387406.40   |
| 3824592.74  | 24.35616 (20010717) |            |            |             |
| 387387.71   | 3824576.66          | 25.00696   | (20010717) | 387369.02   |
| 3824560.58  | 25.49940 (20010717) |            |            |             |
| 387350.33   | 3824544.50          | 25.82363   | (20010717) | 387331.65   |
| 3824528.42  | 25.97313 (20010717) |            |            |             |
| 387312.96   | 3824512.34          | 25.94497   | (20010717) | 387294.27   |
| 3824496.26  | 25.73978 (20010717) |            |            |             |
| 387275.58   | 3824480.17          | 25.36170   | (20010717) | 387256.90   |
| 3824464.09  | 24.81887 (20010717) |            |            |             |
| 387238.21   | 3824448.01          | 24.12179   | (20010717) | 387219.52   |
| 3824431.93  | 24.12766 (18122218) |            |            |             |
| 387200.84   | 3824415.85          | 24.40851   | (18122218) | 387182.15   |
| 3824399.77  | 24.52436 (18122218) |            |            |             |
| 387163.46   | 3824383.69          | 24.47287   | (18122218) | 387144.77   |
| 3824367.61  | 24.25520 (18122218) |            |            |             |
| 387126.09   | 3824351.53          | 23.87604   | (18122218) | 387107.40   |
| 3824335.45  | 23.34289 (18122218) |            |            |             |
| 387088.71   | 3824319.36          | 22.66638   | (18122218) | 387070.02   |
| 3824303.28  | 22.72581 (16112518) |            |            |             |
| 387051.34   | 3824287.20          | 22.96831   | (16112518) | 387032.65   |
| 3824271.12  | 24.11746 (17010720) |            |            |             |
| 387013.96   | 3824255.04          | 25.36932   | (17010720) | 386995.27   |
| 3824238.96  | 26.50477 (17010720) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386976.59  | 3824222.88 | 27.50279   | (17010720) | 386957.90 |
| 3824206.80 | 28.34513   | (17010720) |            |           |
| 386939.21  | 3824190.72 | 29.01534   | (17010720) | 386920.52 |
| 3824174.64 | 29.50040   | (17010720) |            |           |
| 386901.84  | 3824158.55 | 29.79084   | (17010720) | 386883.15 |
| 3824142.47 | 29.88094   | (17010720) |            |           |
| 386864.46  | 3824126.39 | 29.76913   | (17010720) | 386845.77 |
| 3824110.31 | 29.45789   | (17010720) |            |           |
| 386827.09  | 3824094.23 | 28.95388   | (17010720) | 386808.40 |
| 3824078.15 | 28.26702   | (17010720) |            |           |
| 386789.71  | 3824062.07 | 27.41110   | (17010720) | 386771.02 |
| 3824045.99 | 26.40276   | (17010720) |            |           |
| 386752.34  | 3824029.91 | 25.26143   | (17010720) | 386733.65 |
| 3824013.83 | 24.37849   | (18091303) |            |           |
| 386714.96  | 3823997.74 | 24.27358   | (18091303) | 386696.27 |
| 3823981.66 | 24.00737   | (18091303) |            |           |
| 386677.59  | 3823965.58 | 23.58556   | (18091303) | 386658.90 |
| 3823949.50 | 23.01640   | (18091303) |            |           |
| 386640.21  | 3823933.42 | 22.48748   | (18111302) | 386621.52 |
| 3823917.34 | 22.83595   | (18111302) |            |           |
| 386602.84  | 3823901.26 | 23.03519   | (18111302) | 386584.15 |
| 3823885.18 | 23.08155   | (18111302) |            |           |
| 386565.46  | 3823869.10 | 22.97425   | (18111302) | 386546.77 |
| 3823853.02 | 22.96311   | (18070504) |            |           |
| 386528.09  | 3823836.93 | 23.78262   | (18070504) | 386509.40 |
| 3823820.85 | 24.46766   | (18070504) |            |           |
| 386490.71  | 3823804.77 | 25.00550   | (18070504) | 386472.02 |
| 3823788.69 | 25.38595   | (18070504) |            |           |
| 386453.34  | 3823772.61 | 25.60183   | (18070504) | 386434.65 |
| 3823756.53 | 25.64924   | (18070504) |            |           |
| 386415.96  | 3823740.45 | 25.52745   | (18070504) | 386397.27 |
| 3823724.37 | 25.23916   | (18070504) |            |           |
| 386378.59  | 3823708.29 | 24.79045   | (18070504) | 386359.90 |
| 3823692.21 | 25.00830   | (19111222) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 487

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 386341.21   | 3823676.12          | 25.55597   | (19111222) | 386322.52   |
| 3823660.04  | 25.94415 (19111222) |            |            |             |
| 386303.84   | 3823643.96          | 26.16581   | (19111222) | 386285.15   |
| 3823627.88  | 26.21701 (19111222) |            |            |             |
| 386266.46   | 3823611.80          | 26.09701   | (19111222) | 386247.77   |
| 3823595.72  | 25.80849 (19111222) |            |            |             |
| 386229.09   | 3823579.64          | 25.35749   | (19111222) | 386210.40   |
| 3823563.56  | 24.75272 (19111222) |            |            |             |
| 386191.71   | 3823547.48          | 24.00598   | (19111222) | 386173.02   |
| 3823531.40  | 23.13137 (19111222) |            |            |             |
| 386154.34   | 3823515.31          | 22.14489   | (19111222) | 386135.65   |
| 3823499.23  | 21.06406 (19111222) |            |            |             |
| 386116.96   | 3823483.15          | 22.08429   | (19112123) | 386098.27   |
| 3823467.07  | 23.02489 (19112123) |            |            |             |
| 386079.59   | 3823450.99          | 23.85037   | (19112123) | 386060.90   |
| 3823434.91  | 24.54650 (19112123) |            |            |             |
| 386042.21   | 3823418.83          | 25.10055   | (19112123) | 386023.52   |
| 3823402.75  | 25.50251 (19112123) |            |            |             |
| 386004.84   | 3823386.67          | 25.74508   | (19112123) | 385986.15   |
| 3823370.59  | 25.82409 (19112123) |            |            |             |
| 385967.46   | 3823354.50          | 25.73831   | (19112123) | 385948.77   |
| 3823338.42  | 25.87925 (16022104) |            |            |             |
| 385930.09   | 3823322.34          | 26.82426   | (16022104) | 385911.40   |
| 3823306.26  | 27.62708 (16022104) |            |            |             |
| 385892.71   | 3823290.18          | 28.27331   | (16022104) | 385874.02   |
| 3823274.10  | 28.75143 (16022104) |            |            |             |
| 385855.34   | 3823258.02          | 29.05291   | (16022104) | 385836.65   |
| 3823241.94  | 29.17264 (16022104) |            |            |             |
| 385817.96   | 3823225.86          | 29.10873   | (16022104) | 385799.27   |
| 3823209.78  | 28.86283 (16022104) |            |            |             |
| 385780.59   | 3823193.69          | 28.44000   | (16022104) | 385761.90   |
| 3823177.61  | 27.84849 (16022104) |            |            |             |
| 385743.21   | 3823161.53          | 27.23027   | (17010803) | 385724.52   |
| 3823145.45  | 27.72463 (17010803) |            |            |             |
| 385705.84   | 3823129.37          | 28.05207   | (17010803) | 385687.15   |
| 3823113.29  | 28.20709 (17010803) |            |            |             |
| 385668.46   | 3823097.21          | 28.18721   | (17010803) | 385649.77   |
| 3823081.13  | 27.99325 (17010803) |            |            |             |
| 385631.09   | 3823065.05          | 27.62937   | (17010803) | 385612.40   |
| 3823048.97  | 27.10248 (17010803) |            |            |             |
| 385593.71   | 3823032.88          | 27.60729   | (16102117) | 385575.02   |
| 3823016.80  | 28.15305 (16102117) |            |            |             |
| 385556.34   | 3823000.72          | 28.53331   | (16102117) | 385537.65   |
| 3822984.64  | 28.74179 (16102117) |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385518.96  | 3822968.56 | 28.77507   | (16102117) | 385500.27 |
| 3822952.48 | 28.63305   | (16102117) |            |           |
| 385481.59  | 3822936.40 | 28.31891   | (16102117) | 391181.27 |
| 3827841.11 | 7.62829    | (19122402) |            |           |
| 391204.14  | 3827850.36 | 8.72497    | (19122402) | 391227.00 |
| 3827859.61 | 10.71330   | (19122402) |            |           |
| 395700.42  | 3816918.48 | 57.69121   | (17122406) | 395721.00 |
| 3816929.46 | 65.19085   | (17122406) |            |           |
| 395741.58  | 3816940.43 | 74.08663   | (17122406) | 395762.16 |
| 3816951.41 | 82.89826   | (17122406) |            |           |
| 395782.74  | 3816962.39 | 93.37909   | (20120424) | 395803.32 |
| 3816973.36 | 103.45818  | (20120424) |            |           |
| 395823.90  | 3816984.34 | 112.02528  | (20120424) | 395844.48 |
| 3816995.32 | 123.08349  | (20120424) |            |           |
| 395865.06  | 3817006.29 | 128.36453  | (20120424) | 395885.65 |
| 3817017.27 | 134.34053  | (20120424) |            |           |
| 395688.65  | 3816940.54 | 63.78661   | (17122323) | 395709.23 |
| 3816951.52 | 73.02275   | (17122323) |            |           |
| 395729.81  | 3816962.49 | 82.74675   | (17122323) | 395750.40 |
| 3816973.47 | 92.17226   | (17122323) |            |           |
| 395770.98  | 3816984.45 | 101.33625  | (17122323) | 395791.56 |
| 3816995.42 | 111.39462  | (17122406) |            |           |
| 395812.14  | 3817006.40 | 121.42531  | (17122406) | 395832.72 |
| 3817017.38 | 129.44779  | (17122406) |            |           |
| 395853.30  | 3817028.35 | 136.77374  | (17122406) | 395873.88 |
| 3817039.33 | 146.85234  | (17122406) |            |           |
| 395676.89  | 3816962.60 | 68.41462   | (16021405) | 395697.47 |
| 3816973.58 | 77.47748   | (16012804) |            |           |
| 395718.05  | 3816984.55 | 87.28851   | (16012804) | 395738.63 |
| 3816995.53 | 96.94770   | (16012804) |            |           |
| 395759.21  | 3817006.50 | 108.11211  | (16012804) | 395779.79 |
| 3817017.48 | 117.35621  | (16012804) |            |           |
| 395800.37  | 3817028.46 | 124.76051  | (16012804) | 395820.95 |
| 3817039.43 | 132.97020  | (16012804) |            |           |
| 395841.54  | 3817050.41 | 141.72495  | (17122323) | 395862.12 |
| 3817061.39 | 153.83444  | (17122323) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 488

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |                      | Y-COORD (M)<br>CONC | CONC       | (YYMMDDHH) | X-COORD (M) |
|----------------------------|----------------------|---------------------|------------|------------|-------------|
| -----                      |                      |                     |            |            |             |
| 395665.12                  | 3816984.66           | 77.52789            | (20121806) |            | 395685.70   |
| 3816995.63                 | 85.69046 (20121806)  |                     |            |            |             |
| 395706.29                  | 3817006.61           | 94.91023            | (20121806) |            | 395726.87   |
| 3817017.59                 | 105.80399 (16021405) |                     |            |            |             |
| 395747.45                  | 3817028.56           | 117.09471           | (16021405) |            | 395768.03   |
| 3817039.54                 | 128.52337 (16021405) |                     |            |            |             |
| 395788.61                  | 3817050.52           | 137.76589           | (16021405) |            | 395809.19   |
| 3817061.49                 | 146.41714 (16021405) |                     |            |            |             |
| 395829.77                  | 3817072.47           | 155.88280           | (16021405) |            | 395850.35   |
| 3817083.45                 | 165.78096 (16120723) |                     |            |            |             |
| 395641.59                  | 3817028.78           | 112.52727           | (20021024) |            | 395662.18   |
| 3817039.75                 | 118.13888 (20021024) |                     |            |            |             |
| 395682.76                  | 3817050.73           | 130.16040           | (17121406) |            | 395703.34   |
| 3817061.71                 | 142.75648 (17121406) |                     |            |            |             |
| 395723.92                  | 3817072.68           | 151.81789           | (17121406) |            | 395744.50   |
| 3817083.66                 | 159.90417 (17121406) |                     |            |            |             |
| 395765.08                  | 3817094.63           | 166.07554           | (17121406) |            | 395785.66   |
| 3817105.61                 | 173.73595 (16112824) |                     |            |            |             |
| 395806.24                  | 3817116.59           | 182.88529           | (16122721) |            | 395826.82   |
| 3817127.56                 | 194.36443 (16122721) |                     |            |            |             |
| 395618.06                  | 3817072.89           | 181.02974           | (17120606) |            | 395638.65   |
| 3817083.87                 | 184.75384 (17120606) |                     |            |            |             |
| 395659.23                  | 3817094.85           | 192.06567           | (18021606) |            | 395679.81   |
| 3817105.82                 | 199.50743 (18021606) |                     |            |            |             |
| 395700.39                  | 3817116.80           | 201.55611           | (18021606) |            | 395720.97   |
| 3817127.78                 | 211.30806 (20120824) |                     |            |            |             |
| 395741.55                  | 3817138.75           | 227.33184           | (19030905) |            | 395762.13   |
| 3817149.73                 | 240.05536 (19112821) |                     |            |            |             |
| 395782.71                  | 3817160.70           | 247.76637           | (19112821) |            | 395803.29   |
| 3817171.68                 | 266.41112 (19020805) |                     |            |            |             |
| 395615.12                  | 3817127.99           | 309.31977           | (19121907) |            | 395635.70   |
| 3817138.96                 | 311.56778 (19121907) |                     |            |            |             |
| 395656.28                  | 3817149.94           | 308.29018           | (19010203) |            | 395676.86   |
| 3817160.92                 | 318.80530 (19010203) |                     |            |            |             |
| 395697.44                  | 3817171.89           | 321.93326           | (19121601) |            | 395718.02   |
| 3817182.87                 | 321.59970 (19121601) |                     |            |            |             |
| 395738.60                  | 3817193.85           | 343.50058           | (17030207) |            | 395759.18   |
| 3817204.82                 | 347.91271 (17030207) |                     |            |            |             |
| 395779.76                  | 3817215.80           | 337.02151           | (17030207) |            | 395591.59   |
| 3817172.11                 | 414.62836 (16122723) |                     |            |            |             |
| 395612.17                  | 3817183.08           | 419.89904           | (16122723) |            | 395632.75   |
| 3817194.06                 | 424.20545 (16021218) |                     |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817216.01 | 395653.33 | 3817205.03 | 410.38261  | (16021218) | 395673.91 |
|            |           | 417.06316  | (16111404) |            |           |
| 3817237.96 | 395694.49 | 3817226.99 | 413.90543  | (16111404) | 395715.07 |
|            |           | 398.80392  | (16111404) |            |           |
| 3817259.92 | 395735.65 | 3817248.94 | 398.37204  | (20102905) | 395756.23 |
|            |           | 395.77744  | (20102905) |            |           |
| 3817227.20 | 395568.06 | 3817216.22 | 437.85938  | (18111902) | 395588.64 |
|            |           | 438.34234  | (18111902) |            |           |
| 3817249.15 | 395609.22 | 3817238.18 | 417.37444  | (18111902) | 395629.80 |
|            |           | 399.26664  | (19100524) |            |           |
| 3817271.11 | 395650.38 | 3817260.13 | 397.18870  | (16122723) | 395670.96 |
|            |           | 409.95247  | (16122723) |            |           |
| 3817293.06 | 395691.54 | 3817282.08 | 407.24753  | (16122723) | 395712.12 |
|            |           | 390.79558  | (16122723) |            |           |
| 3817304.46 | 395732.71 | 3817304.03 | 381.01125  | (16021218) | 395521.00 |
|            |           | 400.97286  | (19120619) |            |           |
| 3817326.41 | 395541.58 | 3817315.44 | 396.82662  | (19111306) | 395562.16 |
|            |           | 416.36136  | (19111306) |            |           |
| 3817348.36 | 395582.74 | 3817337.39 | 408.92369  | (19111306) | 395603.32 |
|            |           | 402.51992  | (20030605) |            |           |
| 3817370.32 | 395623.90 | 3817359.34 | 397.86295  | (20030605) | 395644.49 |
|            |           | 386.06340  | (19100706) |            |           |
| 3817392.27 | 395665.07 | 3817381.29 | 386.61217  | (19100706) | 395685.65 |
|            |           | 369.68264  | (19100706) |            |           |
| 3817414.65 | 395494.52 | 3817403.67 | 378.27834  | (18121102) | 395515.10 |
|            |           | 341.75407  | (18102517) |            |           |
| 3817436.60 | 395535.68 | 3817425.62 | 352.37138  | (18092704) | 395556.27 |
|            |           | 352.70396  | (20103104) |            |           |
| 3817458.55 | 395576.85 | 3817447.58 | 361.04146  | (20103104) | 395597.43 |
|            |           | 367.77225  | (19120619) |            |           |
| 3817480.51 | 395618.01 | 3817469.53 | 376.22127  | (19120619) | 395638.59 |
|            |           | 362.54881  | (19120619) |            |           |
| 3817502.88 | 395447.46 | 3817491.91 | 365.12969  | (18091704) | 395468.04 |
|            |           | 360.37352  | (19013008) |            |           |
| 3817524.84 | 395488.63 | 3817513.86 | 376.63812  | (19013008) | 395509.21 |
|            |           | 371.06449  | (20112801) |            |           |
| 3817546.79 | 395529.79 | 3817535.81 | 378.35502  | (20112801) | 395550.37 |
|            |           | 362.45635  | (18121102) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 489

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 395570.95   | 3817557.76  | 365.01995      | (18121102) | 395591.53          |  |
| 3817568.74  | 342.48461   | (18121102)     |            |                    |  |
| 395420.99   | 3817591.12  | 368.68749      | (19100306) | 395441.57          |  |
| 3817602.09  | 367.35598   | (19100306)     |            |                    |  |
| 395462.15   | 3817613.07  | 364.69831      | (18020201) | 395482.73          |  |
| 3817624.05  | 351.81516   | (18020201)     |            |                    |  |
| 395503.31   | 3817635.02  | 352.46150      | (18091704) | 395523.89          |  |
| 3817646.00  | 333.56501   | (18091704)     |            |                    |  |
| 395544.47   | 3817656.98  | 318.47397      | (19122821) | 395373.93          |  |
| 3817679.35  | 333.54355   | (19102404)     |            |                    |  |
| 395394.51   | 3817690.33  | 353.91664      | (19102404) | 395415.09          |  |
| 3817701.31  | 340.83090   | (19120307)     |            |                    |  |
| 395435.67   | 3817712.28  | 346.69521      | (19120307) | 395456.25          |  |
| 3817723.26  | 330.85457   | (20011901)     |            |                    |  |
| 395476.83   | 3817734.24  | 326.93301      | (20011901) | 395497.41          |  |
| 3817745.21  | 332.59626   | (19100306)     |            |                    |  |
| 395276.86   | 3817910.92  | 288.19234      | (19120405) | 395297.44          |  |
| 3817921.90  | 298.08734   | (17101505)     |            |                    |  |
| 395318.02   | 3817932.87  | 309.72647      | (17101505) | 395338.61          |  |
| 3817943.85  | 290.20209   | (17101505)     |            |                    |  |
| 395359.19   | 3817954.82  | 282.01767      | (20101624) | 395379.77          |  |
| 3817965.80  | 298.50465   | (20040704)     |            |                    |  |
| 395200.38   | 3818153.46  | 241.39621      | (16100904) | 395220.96          |  |
| 3818164.44  | 253.31965   | (16100904)     |            |                    |  |
| 395241.54   | 3818175.41  | 241.79227      | (17102307) | 395262.12          |  |
| 3818186.39  | 246.84566   | (17102307)     |            |                    |  |
| 394918.09   | 3818286.24  | 256.58967      | (18020224) | 395000.41          |  |
| 3818330.14  | 242.87575   | (20112808)     |            |                    |  |
| 395103.31   | 3818385.03  | 219.13762      | (19062705) | 395123.89          |  |
| 3818396.00  | 204.48743   | (19112108)     |            |                    |  |
| 395144.48   | 3818406.98  | 229.98872      | (19112108) | 394800.44          |  |
| 3818506.83  | 207.74448   | (16060402)     |            |                    |  |
| 394821.02   | 3818517.80  | 185.24464      | (17113008) | 394841.60          |  |
| 3818528.78  | 185.81404   | (19102022)     |            |                    |  |
| 395006.25   | 3818616.59  | 195.99614      | (20112808) | 395026.83          |  |
| 3818627.57  | 211.41522   | (20112808)     |            |                    |  |
| 394565.15   | 3818948.00  | 180.30207      | (19120218) | 394585.73          |  |
| 3818958.98  | 177.29899   | (19120218)     |            |                    |  |
| 394606.31   | 3818969.96  | 179.12733      | (17010802) | 394626.89          |  |
| 3818980.93  | 176.94930   | (17010802)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394647.47  | 3818991.91 | 175.96795  | (16050324) | 394668.05 |
| 3819002.89 | 174.94731  | (16050324) |            |           |
| 394329.86  | 3819389.18 | 140.75295  | (17111118) | 394350.44 |
| 3819400.16 | 146.79595  | (17111118) |            |           |
| 394371.02  | 3819411.13 | 144.70230  | (17111118) | 394391.60 |
| 3819422.11 | 142.92611  | (16102921) |            |           |
| 394412.18  | 3819433.09 | 144.03788  | (16102921) | 394432.76 |
| 3819444.06 | 137.42782  | (16102921) |            |           |
| 394453.34  | 3819455.04 | 124.22715  | (16102921) | 394473.92 |
| 3819466.02 | 135.70936  | (19120218) |            |           |
| 394494.50  | 3819476.99 | 143.24226  | (19120218) | 394094.56 |
| 3819830.36 | 94.85793   | (17021123) |            |           |
| 394115.14  | 3819841.34 | 92.65719   | (17021123) | 394135.72 |
| 3819852.31 | 90.44837   | (17010808) |            |           |
| 394156.31  | 3819863.29 | 91.24021   | (17010808) | 394176.89 |
| 3819874.27 | 92.26228   | (16083102) |            |           |
| 394197.47  | 3819885.24 | 97.41420   | (17111118) | 394218.05 |
| 3819896.22 | 109.51127  | (17111118) |            |           |
| 394238.63  | 3819907.19 | 117.89746  | (17111118) | 394259.21 |
| 3819918.17 | 121.60912  | (17111118) |            |           |
| 394279.79  | 3819929.15 | 120.23861  | (17111118) | 394300.37 |
| 3819940.12 | 117.00105  | (16102921) |            |           |
| 394320.95  | 3819951.10 | 119.66652  | (16102921) | 393859.27 |
| 3820271.54 | 94.20745   | (18012218) |            |           |
| 393879.85  | 3820282.51 | 91.11573   | (18012218) | 393900.43 |
| 3820293.49 | 88.46667   | (17112921) |            |           |
| 393921.01  | 3820304.47 | 88.92256   | (17112921) | 393941.59 |
| 3820315.44 | 86.26418   | (17112921) |            |           |
| 393962.18  | 3820326.42 | 80.78526   | (17112921) | 393982.76 |
| 3820337.40 | 80.00068   | (17021123) |            |           |
| 394003.34  | 3820348.37 | 77.91066   | (17021123) | 394023.92 |
| 3820359.35 | 76.14764   | (17010808) |            |           |
| 394044.50  | 3820370.32 | 77.11595   | (17010808) | 394065.08 |
| 3820381.30 | 76.11025   | (16083102) |            |           |
| 394085.66  | 3820392.28 | 80.15241   | (16083102) | 393231.83 |
| 3821448.01 | 74.89842   | (19122402) |            |           |
| 393252.41  | 3821458.99 | 75.14298   | (19122402) | 393272.99 |
| 3821469.96 | 73.73519   | (19122402) |            |           |
| 393293.57  | 3821480.94 | 72.52036   | (16032003) | 393314.15 |
| 3821491.92 | 74.42881   | (16032003) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 490

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393334.73   | 3821502.89  | 74.72503   | (16032003) | 393355.31   |
| 3821513.87  | 73.39674    | (16032003) |            |             |
| 393375.89   | 3821524.85  | 72.12078   | (19110502) | 393396.47   |
| 3821535.82  | 74.09267    | (19110502) |            |             |
| 393417.05   | 3821546.80  | 74.48293   | (19110502) | 393437.63   |
| 3821557.77  | 73.27440    | (19110502) |            |             |
| 393458.22   | 3821568.75  | 70.54980   | (19110502) | 392604.38   |
| 3822624.48  | 49.71930    | (20122117) |            |             |
| 392624.96   | 3822635.46  | 46.27961   | (20122117) | 392645.54   |
| 3822646.44  | 43.92089    | (16022306) |            |             |
| 392666.12   | 3822657.41  | 43.10644   | (17011408) | 392686.70   |
| 3822668.39  | 44.59133    | (17011408) |            |             |
| 392707.28   | 3822679.37  | 45.43906   | (17011408) | 392727.87   |
| 3822690.34  | 47.68056    | (19122402) |            |             |
| 392748.45   | 3822701.32  | 50.82778   | (19122402) | 392769.03   |
| 3822712.29  | 53.37710    | (19122402) |            |             |
| 392789.61   | 3822723.27  | 55.22411   | (19122402) | 392810.19   |
| 3822734.25  | 56.29126    | (19122402) |            |             |
| 392830.77   | 3822745.22  | 56.53453   | (19122402) | 391976.93   |
| 3823800.96  | 43.30766    | (20122117) |            |             |
| 391997.52   | 3823811.93  | 44.44273   | (20122117) | 392018.10   |
| 3823822.91  | 45.10863    | (20122117) |            |             |
| 392038.68   | 3823833.89  | 45.28506   | (20122117) | 392059.26   |
| 3823844.86  | 44.96734    | (20122117) |            |             |
| 392079.84   | 3823855.84  | 44.16655   | (20122117) | 392100.42   |
| 3823866.82  | 42.90952    | (20122117) |            |             |
| 392121.00   | 3823877.79  | 41.23732   | (20122117) | 392141.58   |
| 3823888.77  | 39.20185    | (20122117) |            |             |
| 392162.16   | 3823899.74  | 36.86540   | (20122117) | 392182.74   |
| 3823910.72  | 35.00158    | (16022306) |            |             |
| 392203.32   | 3823921.70  | 34.38232   | (16022306) | 391349.49   |
| 3824977.43  | 32.61220    | (18100905) |            |             |
| 391370.07   | 3824988.41  | 32.46866   | (20091423) | 391390.65   |
| 3824999.38  | 32.86807    | (20091423) |            |             |
| 391411.23   | 3825010.36  | 32.99526   | (20091423) | 391431.81   |
| 3825021.34  | 32.59407    | (20091423) |            |             |
| 391452.39   | 3825032.31  | 31.51492   | (20122117) | 391472.97   |
| 3825043.29  | 30.72759    | (20122117) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391493.55  | 3825054.27 | 30.13796   | (20122117) | 391514.14 |
| 3825065.24 | 30.32857   | (20122117) |            |           |
| 391534.72  | 3825076.22 | 30.47640   | (20122117) | 391555.30 |
| 3825087.19 | 30.79247   | (20122117) |            |           |
| 391575.88  | 3825098.17 | 31.20166   | (20122117) | 390722.04 |
| 3826153.90 | 11.99983   | (18100905) |            |           |
| 390742.62  | 3826164.88 | 11.81859   | (18100905) | 390763.20 |
| 3826175.86 | 11.52535   | (18100905) |            |           |
| 390783.79  | 3826186.83 | 11.16258   | (18100905) | 390804.37 |
| 3826197.81 | 10.73746   | (18100905) |            |           |
| 390824.95  | 3826208.79 | 10.39490   | (18100905) | 390845.53 |
| 3826219.76 | 10.23371   | (18011401) |            |           |
| 390866.11  | 3826230.74 | 10.43135   | (18011401) | 390886.69 |
| 3826241.72 | 10.41893   | (18011401) |            |           |
| 390907.27  | 3826252.69 | 10.20763   | (18011401) | 390927.85 |
| 3826263.67 | 9.83008    | (18011401) |            |           |
| 390948.43  | 3826274.64 | 9.55353    | (18011401) | 390094.60 |
| 3827330.38 | 11.78316   | (18100905) |            |           |
| 390115.18  | 3827341.35 | 12.16930   | (18100905) | 390135.76 |
| 3827352.33 | 12.42324   | (18100905) |            |           |
| 390156.34  | 3827363.31 | 12.52073   | (18100905) | 390176.92 |
| 3827374.28 | 12.50304   | (18100905) |            |           |
| 390197.50  | 3827385.26 | 12.47476   | (18100905) | 390218.08 |
| 3827396.24 | 12.53015   | (18100905) |            |           |
| 390238.66  | 3827407.21 | 12.45171   | (18100905) | 390259.24 |
| 3827418.19 | 11.89984   | (18100905) |            |           |
| 390279.83  | 3827429.17 | 11.29318   | (18100905) | 390300.41 |
| 3827440.14 | 11.08584   | (18100905) |            |           |
| 390320.99  | 3827451.12 | 10.99215   | (18100905) | 395912.74 |
| 3817026.04 | 133.08843  | (20120424) |            |           |
| 395935.38  | 3817032.96 | 123.22093  | (17011803) | 395958.02 |
| 3817039.88 | 112.66514  | (19122820) |            |           |
| 395905.43  | 3817049.95 | 155.01532  | (17122406) | 395928.07 |
| 3817056.87 | 152.95377  | (17122406) |            |           |
| 395950.71  | 3817063.79 | 141.16933  | (20120424) | 395898.13 |
| 3817073.85 | 171.58157  | (17122323) |            |           |
| 395920.77  | 3817080.77 | 170.13209  | (17122323) | 395943.41 |
| 3817087.69 | 150.39458  | (17122406) |            |           |
| 395890.82  | 3817097.76 | 187.40803  | (16012804) | 395913.46 |
| 3817104.68 | 187.42310  | (16012804) |            |           |
| 395936.10  | 3817111.60 | 174.72607  | (17122708) | 395853.56 |
| 3817138.66 | 197.93162  | (19112106) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395876.20   | 3817145.58  | 206.53600  | (20121806) | 395898.84   |
| 3817152.50  | 213.64431   | (20121806) |            |             |
| 395921.48   | 3817159.42  | 212.89612  | (19010307) | 395838.95   |
| 3817186.48  | 289.18361   | (18111505) |            |             |
| 395861.59   | 3817193.40  | 289.05781  | (20122107) | 395884.23   |
| 3817200.32  | 297.37098   | (20122107) |            |             |
| 395906.87   | 3817207.24  | 287.56566  | (18012702) | 395809.48   |
| 3817228.13  | 361.49644   | (20092906) |            |             |
| 395846.97   | 3817241.21  | 366.06989  | (16021306) | 395869.61   |
| 3817248.13  | 372.18279   | (16021306) |            |             |
| 395892.25   | 3817255.05  | 360.44184  | (16021306) | 395791.89   |
| 3817274.71  | 382.96225   | (18122005) |            |             |
| 395832.36   | 3817289.03  | 367.02389  | (18122005) | 395855.00   |
| 3817295.95  | 333.25994   | (18122005) |            |             |
| 395877.64   | 3817302.87  | 340.88343  | (20092906) | 395774.30   |
| 3817321.29  | 372.48540   | (16111404) |            |             |
| 395795.10   | 3817329.92  | 374.61434  | (16111404) | 395817.74   |
| 3817336.84  | 357.74345   | (16111404) |            |             |
| 395840.38   | 3817343.76  | 364.36820  | (20102905) | 395863.02   |
| 3817350.68  | 351.07907   | (20102905) |            |             |
| 395745.82   | 3817417.23  | 366.86719  | (18111902) | 395788.51   |
| 3817432.48  | 333.10399   | (19100524) |            |             |
| 395811.15   | 3817439.40  | 329.51340  | (16122723) | 395833.79   |
| 3817446.32  | 347.28522   | (16122723) |            |             |
| 395717.03   | 3817513.05  | 349.86068  | (19111306) | 395677.81   |
| 3817496.78  | 344.40329   | (19111306) |            |             |
| 395759.28   | 3817528.11  | 340.71846  | (20030605) | 395781.92   |
| 3817535.03  | 337.48941   | (19100706) |            |             |
| 395804.56   | 3817541.95  | 329.13266  | (19100706) | 395688.10   |
| 3817608.81  | 313.85357   | (20103104) |            |             |
| 395649.47   | 3817592.78  | 303.90606  | (18092704) | 395730.05   |
| 3817623.74  | 330.26678   | (19120619) |            |             |
| 395752.69   | 3817630.66  | 308.39222  | (19120619) | 395775.33   |
| 3817637.58  | 295.11517   | (19111306) |            |             |
| 395659.08   | 3817704.53  | 325.15137  | (18121102) | 395620.88   |
| 3817688.68  | 333.90436   | (20112801) |            |             |



|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| 3817719.37 | 395582.67 | 3817672.83 | 330.77261 | (19013008) | 395700.82 |
|            | 269.31064 | (18102517) |           |            |           |
| 3817733.21 | 395723.46 | 3817726.29 | 270.97654 | (18092704) | 395746.10 |
|            | 267.96958 | (18092704) |           |            |           |
| 3817790.12 | 395627.30 | 3817799.10 | 284.71431 | (19013008) | 395605.65 |
|            | 287.12278 | (18091704) |           |            |           |
| 3817772.16 | 395584.01 | 3817781.14 | 313.59327 | (18091704) | 395562.36 |
|            | 313.59428 | (18091704) |           |            |           |
| 3817754.19 | 395540.71 | 3817763.18 | 326.00163 | (18020201) | 395519.06 |
|            | 320.71789 | (19100306) |           |            |           |
| 3817815.01 | 395648.95 | 3817808.09 | 299.20795 | (19013008) | 395671.59 |
|            | 293.18570 | (20112801) |           |            |           |
| 3817828.85 | 395694.23 | 3817821.93 | 302.83572 | (20112801) | 395716.87 |
|            | 290.70811 | (18121102) |           |            |           |
| 3818029.09 | 395554.09 | 3818038.13 | 267.68364 | (19120307) | 395532.30 |
|            | 279.19659 | (19102404) |           |            |           |
| 3818011.00 | 395510.51 | 3818020.05 | 267.59822 | (19102404) | 395488.72 |
|            | 257.94342 | (20050804) |           |            |           |
| 3817992.92 | 395466.93 | 3818001.96 | 284.21066 | (20050804) | 395445.14 |
|            | 284.15456 | (20050804) |           |            |           |
| 3817974.84 | 395423.35 | 3817983.88 | 272.35272 | (19122108) | 395401.56 |
|            | 290.00872 | (20040704) |           |            |           |
| 3818054.09 | 395575.88 | 3818047.17 | 274.50977 | (19120307) | 395598.52 |
|            | 259.03901 | (20011901) |           |            |           |
| 3818067.93 | 395621.16 | 3818061.01 | 260.53801 | (20011901) | 395643.80 |
|            | 264.02516 | (19100306) |           |            |           |
| 3818261.28 | 395482.74 | 3818277.93 | 245.37710 | (20040704) | 395442.63 |
|            | 232.81813 | (20101624) |           |            |           |
| 3818228.00 | 395402.52 | 3818244.64 | 253.05605 | (17101505) | 395362.40 |
|            | 232.57773 | (19012724) |           |            |           |
| 3818293.17 | 395322.29 | 3818211.35 | 257.26964 | (19120405) | 395525.44 |
|            | 222.66735 | (19122108) |           |            |           |
| 3818307.01 | 395548.08 | 3818300.09 | 228.88414 | (20050804) | 395570.72 |
|            | 236.95847 | (20050804) |           |            |           |
| 3818499.97 | 395409.35 | 3818516.88 | 217.19727 | (19120405) | 395368.60 |
|            | 199.17395 | (18031907) |           |            |           |
| 3818466.15 | 395327.85 | 3818483.06 | 206.89811 | (17102307) | 395287.10 |
|            | 211.07616 | (16100904) |           |            |           |
| 3818432.34 | 395246.35 | 3818449.25 | 192.63908 | (16100904) | 395205.60 |
|            | 196.26174 | (19112108) |           |            |           |
| 3818539.17 | 395452.36 | 3818532.25 | 195.32307 | (19012724) | 395475.00 |
|            | 209.83382 | (17101505) |           |            |           |
| 3818755.86 | 395497.64 | 3818546.09 | 213.26275 | (17101505) | 395336.03 |
|            | 182.07457 | (16100904) |           |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395294.81   | 3818738.75  | 164.16011  | (16122022) | 395253.58   |
| 3818721.65  | 165.43246   | (19112108) |            |             |
| 395212.35   | 3818704.54  | 202.49761  | (19112108) | 395171.12   |
| 3818687.44  | 188.67096   | (19112108) |            |             |
| 395129.90   | 3818670.33  | 190.41532  | (19062705) | 395088.67   |
| 3818653.23  | 200.87210   | (16122919) |            |             |
| 395379.29   | 3818771.33  | 178.50054  | (17102307) | 395401.93   |
| 3818778.25  | 173.43251   | (17102307) |            |             |
| 395424.57   | 3818785.17  | 171.69763  | (18031907) | 395189.55   |
| 3819233.88  | 146.63337   | (19062705) |            |             |
| 395168.60   | 3819225.19  | 147.54413  | (19062705) | 395147.65   |
| 3819216.50  | 151.77875   | (16122919) |            |             |
| 395126.70   | 3819207.81  | 156.42171  | (16122919) | 395105.76   |
| 3819199.12  | 154.68089   | (20112808) |            |             |
| 395084.81   | 3819190.43  | 163.12321  | (20112808) | 395063.86   |
| 3819181.73  | 162.87302   | (20112808) |            |             |
| 395042.91   | 3819173.04  | 153.80214  | (20112808) | 395021.96   |
| 3819164.35  | 137.20720   | (20112808) |            |             |
| 395001.02   | 3819155.66  | 136.33346  | (20022706) | 394980.07   |
| 3819146.97  | 141.69491   | (20022706) |            |             |
| 394959.12   | 3819138.28  | 158.08890  | (18020224) | 394938.17   |
| 3819129.59  | 167.32030   | (18020224) |            |             |
| 394917.22   | 3819120.89  | 166.77010  | (18020224) | 394896.28   |
| 3819112.20  | 166.91464   | (19102022) |            |             |
| 394875.33   | 3819103.51  | 168.98742  | (19102022) | 394854.38   |
| 3819094.82  | 160.70727   | (19102022) |            |             |
| 394833.43   | 3819086.13  | 143.40405  | (19102022) | 394812.49   |
| 3819077.44  | 136.84239   | (17113008) |            |             |
| 395210.49   | 3819242.57  | 138.50580  | (19062705) | 395233.13   |
| 3819249.49  | 137.70138   | (19112108) |            |             |
| 395255.77   | 3819256.41  | 151.58466  | (19112108) | 395278.41   |
| 3819263.33  | 157.27874   | (19112108) |            |             |
| 395043.17   | 3819711.95  | 108.56571  | (17031207) | 395022.00   |
| 3819703.17  | 110.03242   | (20022706) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394940.83   | 3820205.82  | 112.78006  | (18020224) | 394963.47   |
| 3820212.74  | 111.93117   | (18020224) |            |             |
| 394986.11   | 3820219.66  | 106.88536  | (18020224) | 394750.59   |
| 3820668.16  | 79.60812    | (17113008) |            |             |
| 394729.14   | 3820659.26  | 84.80358   | (16060402) | 394707.69   |
| 3820650.36  | 91.93413    | (16060402) |            |             |
| 394686.24   | 3820641.46  | 96.75158   | (16060402) | 394664.79   |
| 3820632.56  | 98.81667    | (16060402) |            |             |
| 394643.34   | 3820623.67  | 97.91814   | (16060402) | 394621.89   |
| 3820614.77  | 96.41566    | (18010220) |            |             |
| 394600.44   | 3820605.87  | 99.55702   | (18010220) | 394578.99   |
| 3820596.97  | 99.67758    | (18010220) |            |             |
| 394557.55   | 3820588.07  | 96.74012   | (18010220) | 394536.10   |
| 3820579.17  | 99.37089    | (16050324) |            |             |
| 394514.65   | 3820570.27  | 100.44633  | (16050324) | 394493.20   |
| 3820561.37  | 98.36253    | (16050324) |            |             |
| 394471.75   | 3820552.47  | 99.61758   | (17010802) | 394450.30   |
| 3820543.57  | 101.58102   | (17010802) |            |             |
| 394428.85   | 3820534.67  | 100.29087  | (17010802) | 394407.40   |
| 3820525.77  | 99.09076    | (19120218) |            |             |
| 394385.95   | 3820516.87  | 101.85018  | (19120218) | 394364.50   |
| 3820507.97  | 101.30254   | (19120218) |            |             |
| 394343.05   | 3820499.07  | 97.47488   | (19120218) | 394321.60   |
| 3820490.17  | 90.71145    | (19120218) |            |             |
| 394300.15   | 3820481.27  | 90.00070   | (16102921) | 394278.70   |
| 3820472.37  | 96.98014    | (16102921) |            |             |
| 394257.26   | 3820463.47  | 101.03875  | (16102921) | 394128.56   |
| 3820410.08  | 95.48732    | (17111118) |            |             |
| 394107.11   | 3820401.18  | 87.05690   | (17111118) | 394772.04   |
| 3820677.06  | 76.57994    | (17113008) |            |             |
| 394794.68   | 3820683.98  | 76.82482   | (19102022) | 394817.32   |
| 3820690.90  | 85.44928    | (19102022) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394839.96  | 3820697.82          | 92.02836 | (19102022) | 394360.81 |
| 3821943.25 | 68.69801 (16050324) |          |            |           |
| 394339.32  | 3821934.33          | 69.29114 | (17010802) | 394317.83 |
| 3821925.41 | 70.90453 (17010802) |          |            |           |
| 394296.34  | 3821916.50          | 71.16822 | (17010802) | 394274.85 |
| 3821907.58 | 70.05871 (17010802) |          |            |           |
| 394253.36  | 3821898.66          | 68.83800 | (19120218) | 394231.87 |
| 3821889.75 | 70.88992 (19120218) |          |            |           |
| 394210.38  | 3821880.83          | 71.58341 | (19120218) | 394188.89 |
| 3821871.91 | 70.86931 (19120218) |          |            |           |
| 394167.40  | 3821863.00          | 68.78120 | (19120218) | 394145.91 |
| 3821854.08 | 65.43270 (19120218) |          |            |           |
| 394124.42  | 3821845.16          | 61.00705 | (19120218) | 394102.92 |
| 3821836.25 | 63.28443 (16102921) |          |            |           |
| 394081.43  | 3821827.33          | 67.22164 | (16102921) | 394059.94 |
| 3821818.41 | 69.97742 (16102921) |          |            |           |
| 394038.45  | 3821809.50          | 71.38306 | (16102921) | 394016.96 |
| 3821800.58 | 71.34712 (16102921) |          |            |           |
| 393995.47  | 3821791.66          | 69.86386 | (16102921) | 393973.98 |
| 3821782.75 | 70.59094 (17111118) |          |            |           |
| 393952.49  | 3821773.83          | 72.31002 | (17111118) | 393931.00 |
| 3821764.92 | 72.55380 (17111118) |          |            |           |
| 393909.51  | 3821756.00          | 71.30027 | (17111118) | 393888.02 |
| 3821747.08 | 68.61910 (17111118) |          |            |           |
| 393866.53  | 3821738.17          | 64.66626 | (17111118) | 393845.04 |
| 3821729.25 | 59.66801 (17111118) |          |            |           |
| 393823.55  | 3821720.33          | 56.22204 | (16083102) | 393802.06 |
| 3821711.42 | 54.25778 (16083102) |          |            |           |
| 393780.57  | 3821702.50          | 53.18108 | (17010808) | 393759.08 |
| 3821693.58 | 53.68541 (17010808) |          |            |           |
| 393608.65  | 3821631.17          | 61.12106 | (17112921) | 393587.16 |
| 3821622.25 | 61.94655 (17112921) |          |            |           |
| 393565.67  | 3821613.33          | 61.42946 | (17112921) | 393544.18 |
| 3821604.42 | 62.35503 (18012218) |          |            |           |
| 393522.69  | 3821595.50          | 64.68243 | (18012218) | 393501.20 |
| 3821586.58 | 65.64116 (18012218) |          |            |           |
| 393479.71  | 3821577.67          | 66.45573 | (19110502) | 394382.30 |
| 3821952.16 | 70.22843 (16050324) |          |            |           |
| 394404.94  | 3821959.08          | 70.45195 | (16050324) | 394427.58 |
| 3821966.00 | 69.23004 (16050324) |          |            |           |
| 394450.22  | 3821972.92          | 67.88100 | (18010220) | 393971.05 |
| 3823218.34 | 50.25089 (19120218) |          |            |           |
| 393949.53  | 3823209.41          | 47.74407 | (19120218) | 393928.02 |
| 3823200.48 | 44.75186 (19120218) |          |            |           |
| 393906.50  | 3823191.56          | 47.71183 | (16102921) | 393884.99 |
| 3823182.63 | 50.23647 (16102921) |          |            |           |
| 393863.47  | 3823173.70          | 52.18308 | (16102921) | 393841.96 |
| 3823164.78 | 53.47090 (16102921) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 494

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 393820.44   | 3823155.85          | 54.04665   | (16102921) | 393798.93   |
| 3823146.92  | 53.88313 (16102921) |            |            |             |
| 393777.41   | 3823138.00          | 52.98371   | (16102921) | 393755.90   |
| 3823129.07  | 52.55041 (17111118) |            |            |             |
| 393734.38   | 3823120.14          | 54.03961   | (17111118) | 393712.87   |
| 3823111.22  | 54.80426 (17111118) |            |            |             |
| 393691.35   | 3823102.29          | 54.81071   | (17111118) | 393669.84   |
| 3823093.36  | 54.05558 (17111118) |            |            |             |
| 393648.33   | 3823084.44          | 52.56744   | (17111118) | 393626.81   |
| 3823075.51  | 50.40343 (17111118) |            |            |             |
| 393605.30   | 3823066.58          | 47.64991   | (17111118) | 393583.78   |
| 3823057.66  | 44.40979 (17111118) |            |            |             |
| 393562.27   | 3823048.73          | 42.48500   | (16083102) | 393540.75   |
| 3823039.80  | 41.41035 (16083102) |            |            |             |
| 393519.24   | 3823030.88          | 39.79107   | (16083102) | 393497.72   |
| 3823021.95  | 40.18656 (17010808) |            |            |             |
| 393476.21   | 3823013.02          | 40.38842   | (17010808) | 393454.69   |
| 3823004.10  | 40.01269 (17010808) |            |            |             |
| 393433.18   | 3822995.17          | 39.34207   | (17021123) | 393411.66   |
| 3822986.24  | 40.77162 (17021123) |            |            |             |
| 393390.15   | 3822977.32          | 41.64724   | (17021123) | 393368.64   |
| 3822968.39  | 41.93084 (17021123) |            |            |             |
| 393347.12   | 3822959.46          | 41.60788   | (17021123) | 393325.61   |
| 3822950.54  | 43.62227 (17112921) |            |            |             |
| 393304.09   | 3822941.61          | 45.28338   | (17112921) | 393282.58   |
| 3822932.68  | 46.32651 (17112921) |            |            |             |
| 393261.06   | 3822923.76          | 46.70570   | (17112921) | 393088.95   |
| 3822852.34  | 54.34398 (19110502) |            |            |             |
| 393067.43   | 3822843.42          | 55.70241   | (19110502) | 393045.92   |
| 3822834.49  | 56.25089 (19110502) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393024.40  | 3822825.56 | 55.96343   | (19110502) | 393002.89 |
| 3822816.64 | 54.85145   | (19110502) |            |           |
| 392981.37  | 3822807.71 | 54.38886   | (16032003) | 392959.86 |
| 3822798.78 | 55.77377   | (16032003) |            |           |
| 392938.34  | 3822789.86 | 56.34272   | (16032003) | 392916.83 |
| 3822780.93 | 56.06879   | (16032003) |            |           |
| 392895.31  | 3822772.00 | 54.96221   | (16032003) | 392873.80 |
| 3822763.08 | 54.55875   | (19122402) |            |           |
| 392852.28  | 3822754.15 | 55.95873   | (19122402) | 393992.56 |
| 3823227.26 | 52.17861   | (19120218) |            |           |
| 394015.20  | 3823234.18 | 53.51618   | (19120218) | 394037.84 |
| 3823241.10 | 54.10217   | (19120218) |            |           |
| 394060.48  | 3823248.02 | 53.91395   | (19120218) | 393581.29 |
| 3824493.43 | 19.56143   | (16102921) |            |           |
| 393559.76  | 3824484.50 | 19.91729   | (16102921) | 393538.23 |
| 3824475.56 | 20.11557   | (17111118) |            |           |
| 393516.70  | 3824466.63 | 21.65246   | (17111118) | 393495.17 |
| 3824457.70 | 22.72167   | (17111118) |            |           |
| 393473.64  | 3824448.76 | 23.74721   | (17111118) | 393452.11 |
| 3824439.83 | 24.88587   | (17111118) |            |           |
| 393430.57  | 3824430.90 | 26.07729   | (17111118) | 393409.04 |
| 3824421.96 | 26.89437   | (17111118) |            |           |
| 393387.51  | 3824413.03 | 26.79310   | (17111118) | 393365.98 |
| 3824404.10 | 25.49880   | (17111118) |            |           |
| 393344.45  | 3824395.16 | 23.61997   | (17111118) | 393322.92 |
| 3824386.23 | 23.52454   | (16083102) |            |           |
| 393301.39  | 3824377.30 | 23.94314   | (16083102) | 393279.86 |
| 3824368.36 | 24.38989   | (16083102) |            |           |
| 393258.33  | 3824359.43 | 24.88216   | (16083102) | 393236.80 |
| 3824350.50 | 26.41009   | (17010808) |            |           |
| 393215.27  | 3824341.56 | 27.91242   | (17010808) | 393193.74 |
| 3824332.63 | 29.22836   | (17010808) |            |           |
| 393172.21  | 3824323.70 | 30.31127   | (17010808) | 393150.68 |
| 3824314.76 | 31.10882   | (17010808) |            |           |
| 393129.14  | 3824305.83 | 31.94659   | (17021123) | 393107.61 |
| 3824296.90 | 32.76285   | (17021123) |            |           |
| 393086.08  | 3824287.96 | 33.25084   | (17021123) | 393064.55 |
| 3824279.03 | 33.39436   | (17021123) |            |           |
| 393043.02  | 3824270.10 | 33.18815   | (17021123) | 393021.49 |
| 3824261.16 | 34.18338   | (17112921) |            |           |
| 392999.96  | 3824252.23 | 35.47630   | (17112921) | 392978.43 |
| 3824243.30 | 36.43225   | (17112921) |            |           |
| 392956.90  | 3824234.36 | 37.02102   | (17112921) | 392935.37 |
| 3824225.43 | 37.22309   | (17112921) |            |           |
| 392913.84  | 3824216.50 | 37.03131   | (17112921) | 392892.31 |
| 3824207.56 | 36.45083   | (17112921) |            |           |
| 392870.78  | 3824198.63 | 37.54446   | (18012218) | 392849.25 |
| 3824189.70 | 38.59530   | (18012218) |            |           |
| 392827.71  | 3824180.76 | 39.25502   | (18012218) | 392806.18 |
| 3824171.83 | 39.50120   | (18012218) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 495

\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    RURAL    ADJ   U\*   BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392784.65   | 3824162.90          | 39.32562   | (18012218) | 392763.12   |
| 3824153.96  | 40.96136 (19110502) |            |            |             |
| 392569.35   | 3824073.56          | 44.65398   | (16032003) | 392547.82   |
| 3824064.63  | 44.96890 (16032003) |            |            |             |
| 392526.28   | 3824055.70          | 44.79631   | (16032003) | 392504.75   |
| 3824046.76  | 44.14124 (16032003) |            |            |             |
| 392483.22   | 3824037.83          | 43.02415   | (16032003) | 392461.69   |
| 3824028.90  | 43.99563 (19122402) |            |            |             |
| 392440.16   | 3824019.96          | 44.79374   | (19122402) | 392418.63   |
| 3824011.03  | 45.11088 (19122402) |            |            |             |
| 392397.10   | 3824002.10          | 44.93631   | (19122402) | 392375.57   |
| 3823993.16  | 44.27508 (19122402) |            |            |             |
| 392354.04   | 3823984.23          | 43.14811   | (19122402) | 392332.51   |
| 3823975.30  | 41.59095 (19122402) |            |            |             |
| 392310.98   | 3823966.36          | 39.65172   | (19122402) | 392289.45   |
| 3823957.43  | 37.38952 (19122402) |            |            |             |
| 392267.92   | 3823948.50          | 36.10761   | (17011408) | 392246.39   |
| 3823939.56  | 35.56716 (17011408) |            |            |             |
| 392224.85   | 3823930.63          | 34.65089   | (17011408) | 393602.82   |
| 3824502.36  | 19.07264 (16102921) |            |            |             |
| 393625.46   | 3824509.28          | 18.29731   | (16102921) | 393648.10   |
| 3824516.20  | 17.23423 (16102921) |            |            |             |
| 393670.74   | 3824523.12          | 16.65443   | (16102921) | 393191.25   |
| 3825768.41  | 8.55352 (17111118)  |            |            |             |
| 393169.42   | 3825759.35          | 8.29939    | (17111118) | 393147.59   |
| 3825750.29  | 7.73815 (17111118)  |            |            |             |
| 393125.76   | 3825741.24          | 6.86176    | (17111118) | 393103.93   |
| 3825732.18  | 6.52169 (16083102)  |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393082.11  | 3825723.12          | 6.53753  | (16083102) | 393060.28 |
| 3825714.06 | 6.60489 (16083102)  |          |            |           |
| 393038.45  | 3825705.01          | 6.69029  | (16083102) | 393016.62 |
| 3825695.95 | 6.83031 (16083102)  |          |            |           |
| 392994.79  | 3825686.89          | 7.32640  | (17010808) | 392972.96 |
| 3825677.83 | 8.07178 (17010808)  |          |            |           |
| 392951.13  | 3825668.78          | 8.38212  | (17010808) | 392929.30 |
| 3825659.72 | 8.45247 (17010808)  |          |            |           |
| 392907.47  | 3825650.66          | 8.42448  | (17010808) | 392885.64 |
| 3825641.61 | 8.71810 (17010808)  |          |            |           |
| 392863.81  | 3825632.55          | 9.53123  | (17010808) | 392841.98 |
| 3825623.49 | 9.86803 (17021123)  |          |            |           |
| 392820.15  | 3825614.43          | 10.09924 | (17021123) | 392798.32 |
| 3825605.38 | 10.24732 (17021123) |          |            |           |
| 392776.49  | 3825596.32          | 10.29916 | (17021123) | 392754.66 |
| 3825587.26 | 10.35155 (17021123) |          |            |           |
| 392732.84  | 3825578.20          | 10.31225 | (17021123) | 392711.01 |
| 3825569.15 | 10.15733 (17021123) |          |            |           |
| 392689.18  | 3825560.09          | 10.61886 | (17112921) | 392667.35 |
| 3825551.03 | 10.99830 (17112921) |          |            |           |
| 392645.52  | 3825541.98          | 11.25689 | (17112921) | 392623.69 |
| 3825532.92 | 11.42918 (17112921) |          |            |           |
| 392601.86  | 3825523.86          | 11.62919 | (17112921) | 392580.03 |
| 3825514.80 | 11.82925 (17112921) |          |            |           |
| 392558.20  | 3825505.75          | 12.04118 | (17112921) | 392536.37 |
| 3825496.69 | 12.43300 (18012218) |          |            |           |
| 392514.54  | 3825487.63          | 13.04622 | (18012218) | 392492.71 |
| 3825478.58 | 13.54412 (18012218) |          |            |           |
| 392470.88  | 3825469.52          | 14.05514 | (18012218) | 392449.05 |
| 3825460.46 | 14.42849 (18012218) |          |            |           |
| 392427.22  | 3825451.40          | 14.50844 | (18012218) | 392405.39 |
| 3825442.35 | 14.46776 (19110502) |          |            |           |
| 392383.57  | 3825433.29          | 15.07668 | (19110502) | 392361.74 |
| 3825424.23 | 15.58306 (19110502) |          |            |           |
| 392339.91  | 3825415.17          | 16.01442 | (19110502) | 392318.08 |
| 3825406.12 | 16.54180 (19110502) |          |            |           |
| 392296.25  | 3825397.06          | 16.82184 | (19110502) | 392274.42 |
| 3825388.00 | 16.69532 (19110502) |          |            |           |
| 392252.59  | 3825378.95          | 16.47697 | (19110502) | 392056.12 |
| 3825297.43 | 18.86545 (19122402) |          |            |           |
| 392034.30  | 3825288.37          | 19.65076 | (19122402) | 392012.47 |
| 3825279.32 | 20.14396 (19122402) |          |            |           |
| 391990.64  | 3825270.26          | 20.40743 | (19122402) | 391968.81 |
| 3825261.20 | 20.65938 (19122402) |          |            |           |
| 391946.98  | 3825252.14          | 21.65721 | (19122402) | 391925.15 |
| 3825243.09 | 21.61299 (19122402) |          |            |           |
| 391903.32  | 3825234.03          | 20.94545 | (19122402) | 391881.49 |
| 3825224.97 | 20.19683 (19122402) |          |            |           |
| 391859.66  | 3825215.92          | 20.23371 | (17011408) | 391837.83 |
| 3825206.86 | 20.33269 (17011408) |          |            |           |

391816.00 3825197.80 20.32394 (17011408) 391794.17  
 3825188.74 20.24250 (17011408)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 496

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391772.34   | 3825179.69  | 20.00296   | (17011408) | 391750.51   |
| 3825170.63  | 20.75525    | (16022306) |            |             |
| 391728.68   | 3825161.57  | 21.45070   | (16022306) | 391706.85   |
| 3825152.51  | 21.89869    | (16022306) |            |             |
| 391685.03   | 3825143.46  | 22.17011   | (20122117) | 391663.20   |
| 3825134.40  | 23.57693    | (20122117) |            |             |
| 391641.37   | 3825125.34  | 25.16237   | (20122117) | 391619.54   |
| 3825116.29  | 27.52457    | (20122117) |            |             |
| 391597.71   | 3825107.23  | 29.90078   | (20122117) | 393213.08   |
| 3825777.46  | 8.91321     | (17111118) |            |             |
| 393235.72   | 3825784.38  | 8.87504    | (17111118) | 393258.36   |
| 3825791.30  | 8.44440     | (17111118) |            |             |
| 393281.00   | 3825798.22  | 7.55639    | (17111118) | 392801.54   |
| 3827043.52  | 20.27151    | (16083102) |            |             |
| 392779.74   | 3827034.47  | 18.96220   | (16083102) | 392757.94   |
| 3827025.43  | 16.70006    | (16083102) |            |             |
| 392736.14   | 3827016.38  | 14.26341   | (16083102) | 392714.34   |
| 3827007.34  | 12.87506    | (17010808) |            |             |
| 392692.53   | 3826998.29  | 12.72309   | (17010808) | 392670.73   |
| 3826989.25  | 12.34824    | (17010808) |            |             |
| 392648.93   | 3826980.20  | 11.03082   | (17010808) | 392627.13   |
| 3826971.15  | 9.48711     | (17010808) |            |             |
| 392605.33   | 3826962.11  | 8.31970    | (17010808) | 392583.53   |
| 3826953.06  | 7.40738     | (17010808) |            |             |
| 392561.73   | 3826944.02  | 6.65637    | (17010808) | 392539.93   |
| 3826934.97  | 6.15258     | (17021123) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392518.12  | 3826925.93          | 5.82872  | (17021123) | 392496.32 |
| 3826916.88 | 5.56700 (17021123)  |          |            |           |
| 392474.52  | 3826907.84          | 5.32641  | (17021123) | 392452.72 |
| 3826898.79 | 5.15265 (17021123)  |          |            |           |
| 392430.92  | 3826889.74          | 5.16926  | (17021123) | 392409.12 |
| 3826880.70 | 5.25610 (17021123)  |          |            |           |
| 392387.32  | 3826871.65          | 5.37163  | (17112921) | 392365.52 |
| 3826862.61 | 5.62870 (17112921)  |          |            |           |
| 392343.71  | 3826853.56          | 5.99320  | (17112921) | 392321.91 |
| 3826844.52 | 6.26080 (17112921)  |          |            |           |
| 392300.11  | 3826835.47          | 6.32054  | (17112921) | 392278.31 |
| 3826826.43 | 6.61931 (17112921)  |          |            |           |
| 392256.51  | 3826817.38          | 7.13915  | (17112921) | 392234.71 |
| 3826808.33 | 8.02037 (17112921)  |          |            |           |
| 392212.91  | 3826799.29          | 9.60827  | (17112921) | 392191.11 |
| 3826790.24 | 11.59091 (18012218) |          |            |           |
| 392169.30  | 3826781.20          | 12.50160 | (18012218) | 392147.50 |
| 3826772.15 | 12.61178 (18012218) |          |            |           |
| 392125.70  | 3826763.11          | 11.62825 | (18012218) | 392103.90 |
| 3826754.06 | 10.40090 (18012218) |          |            |           |
| 392082.10  | 3826745.01          | 9.28430  | (18012218) | 392060.30 |
| 3826735.97 | 9.18871 (18012218)  |          |            |           |
| 392038.50  | 3826726.92          | 9.74007  | (19110502) | 392016.70 |
| 3826717.88 | 10.46181 (19110502) |          |            |           |
| 391994.89  | 3826708.83          | 10.77202 | (19110502) | 391973.09 |
| 3826699.79 | 10.71388 (19110502) |          |            |           |
| 391951.29  | 3826690.74          | 10.29268 | (19110502) | 391929.49 |
| 3826681.70 | 9.69871 (19110502)  |          |            |           |
| 391907.69  | 3826672.65          | 9.06266  | (19110502) | 391885.89 |
| 3826663.60 | 8.65971 (19110502)  |          |            |           |
| 391864.09  | 3826654.56          | 8.16673  | (19110502) | 391842.29 |
| 3826645.51 | 7.88645 (16032003)  |          |            |           |
| 391820.48  | 3826636.47          | 7.97002  | (16032003) | 391798.68 |
| 3826627.42 | 8.08002 (16032003)  |          |            |           |
| 391776.88  | 3826618.38          | 8.06513  | (16032003) | 391755.08 |
| 3826609.33 | 7.93518 (16032003)  |          |            |           |
| 391733.28  | 3826600.29          | 7.79729  | (16032003) | 391711.48 |
| 3826591.24 | 7.80261 (16032003)  |          |            |           |
| 391689.68  | 3826582.19          | 8.18662  | (16032003) | 391537.07 |
| 3826518.88 | 8.58067 (19122402)  |          |            |           |
| 391515.27  | 3826509.83          | 8.41112  | (19122402) | 391493.46 |
| 3826500.78 | 8.24460 (19122402)  |          |            |           |
| 391471.66  | 3826491.74          | 7.95242  | (19122402) | 391449.86 |
| 3826482.69 | 7.97738 (17011408)  |          |            |           |
| 391428.06  | 3826473.65          | 8.05235  | (17011408) | 391406.26 |
| 3826464.60 | 8.09348 (17011408)  |          |            |           |
| 391384.46  | 3826455.56          | 8.08360  | (17011408) | 391362.66 |
| 3826446.51 | 8.01017 (17011408)  |          |            |           |
| 391340.86  | 3826437.46          | 7.88381  | (17011408) | 391319.05 |
| 3826428.42 | 7.89651 (16022306)  |          |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|             | X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|----------|------------|-------------|
| Y-COORD (M) |             | CONC        |          | (YYMMDDHH) |             |
| 3826374.15  | 391210.05   | 8.62674     | 8.41983  | (16022306) | 391188.25   |
| 3826356.05  | 391166.45   | 9.32775     | 8.98847  | (20122117) | 391144.64   |
| 3826337.96  | 391122.84   | 9.78871     | 9.59809  | (20122117) | 391101.04   |
| 3826319.87  | 391079.24   | 9.96144     | 9.90613  | (20122117) | 391057.44   |
| 3826301.78  | 391035.64   | 9.80177     | 9.92176  | (20122117) | 391013.84   |
| 3826283.69  | 390992.04   | 9.35785     | 9.62636  | (20122117) | 390970.23   |
| 3827059.48  | 392823.34   | 23.01924    | 21.51307 | (17111118) | 392845.98   |
| 3827073.32  | 392868.62   | 22.83145    | 23.18725 | (17111118) | 392891.26   |
| 3828309.59  | 392411.82   | 3.38922     | 3.37963  | (19092107) | 392390.04   |
| 3828291.52  | 392368.26   | 3.39540     | 3.39449  | (19092107) | 392346.48   |
| 3828273.45  | 392324.71   | 3.38415     | 3.39196  | (19092107) | 392302.93   |
| 3828255.37  | 392281.15   | 3.35555     | 3.37200  | (19092107) | 392259.37   |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392237.59  | 3828246.34          | 3.33486  | (19092107) | 392215.81 |
| 3828237.30 | 3.31000 (19092107)  |          |            |           |
| 392194.03  | 3828228.26          | 3.28105  | (19092107) | 392172.25 |
| 3828219.23 | 3.24812 (19092107)  |          |            |           |
| 392150.47  | 3828210.19          | 3.21133  | (19092107) | 392128.69 |
| 3828201.15 | 3.17080 (19092107)  |          |            |           |
| 392106.91  | 3828192.12          | 3.12668  | (19092107) | 392085.13 |
| 3828183.08 | 3.07914 (19092107)  |          |            |           |
| 392063.35  | 3828174.04          | 3.02833  | (19092107) | 392041.57 |
| 3828165.01 | 2.97443 (19092107)  |          |            |           |
| 392019.79  | 3828155.97          | 2.91764  | (19092107) | 391998.01 |
| 3828146.93 | 2.85815 (19092107)  |          |            |           |
| 391976.23  | 3828137.90          | 2.79617  | (19092107) | 391954.45 |
| 3828128.86 | 2.73190 (19092107)  |          |            |           |
| 391932.67  | 3828119.82          | 2.66555  | (19092107) | 391910.89 |
| 3828110.79 | 2.59737 (19092107)  |          |            |           |
| 391889.11  | 3828101.75          | 2.54415  | (17060206) | 391867.33 |
| 3828092.71 | 2.57725 (17060206)  |          |            |           |
| 391845.56  | 3828083.68          | 2.61091  | (17060206) | 391823.78 |
| 3828074.64 | 2.67437 (17060206)  |          |            |           |
| 391802.00  | 3828065.60          | 2.71658  | (17060206) | 391780.22 |
| 3828056.57 | 2.73172 (17060206)  |          |            |           |
| 391758.44  | 3828047.53          | 2.75479  | (17060206) | 391736.66 |
| 3828038.49 | 2.78832 (17060206)  |          |            |           |
| 391714.88  | 3828029.46          | 2.83642  | (18012218) | 391693.10 |
| 3828020.42 | 2.93120 (18012218)  |          |            |           |
| 391671.32  | 3828011.39          | 3.13664  | (19110502) | 391649.54 |
| 3828002.35 | 3.60646 (19110502)  |          |            |           |
| 391627.76  | 3827993.31          | 4.25802  | (19110502) | 391605.98 |
| 3827984.28 | 5.08991 (19110502)  |          |            |           |
| 391584.20  | 3827975.24          | 5.78921  | (19110502) | 391562.42 |
| 3827966.20 | 6.12457 (19110502)  |          |            |           |
| 391540.64  | 3827957.17          | 6.01571  | (19110502) | 391518.86 |
| 3827948.13 | 6.09591 (19110502)  |          |            |           |
| 391497.08  | 3827939.09          | 6.26292  | (19110502) | 391475.30 |
| 3827930.06 | 6.17239 (19110502)  |          |            |           |
| 391453.52  | 3827921.02          | 6.14082  | (16032003) | 391431.74 |
| 3827911.98 | 6.30411 (16032003)  |          |            |           |
| 391409.96  | 3827902.95          | 6.85627  | (16032003) | 391388.18 |
| 3827893.91 | 8.09096 (16032003)  |          |            |           |
| 391366.41  | 3827884.87          | 9.05019  | (16032003) | 391344.63 |
| 3827875.84 | 9.13950 (16032003)  |          |            |           |
| 391322.85  | 3827866.80          | 9.42700  | (16032003) | 391301.07 |
| 3827857.76 | 10.29060 (16032003) |          |            |           |
| 391279.29  | 3827848.73          | 11.03555 | (19122402) | 391257.51 |
| 3827839.69 | 10.89462 (19122402) |          |            |           |
| 391235.73  | 3827830.65          | 9.48085  | (19122402) | 391213.95 |
| 3827821.62 | 7.33429 (19122402)  |          |            |           |
| 391192.17  | 3827812.58          | 6.06973  | (19122402) | 391170.39 |
| 3827803.54 | 5.82839 (19122402)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391039.71  | 3827749.32 | 2.78793    | (19033007) | 391017.93 |
| 3827740.29 | 2.78498    | (19033007) |            |           |
| 390996.15  | 3827731.25 | 2.81749    | (19033007) | 390974.37 |
| 3827722.22 | 2.84449    | (19033007) |            |           |
| 390952.59  | 3827713.18 | 2.85026    | (19033007) | 390930.81 |
| 3827704.14 | 2.84937    | (19033007) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 498

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390909.04   | 3827695.11  | 2.84880    | (19033007) | 390887.26   |
| 3827686.07  | 2.84410     | (19033007) |            |             |
| 390865.48   | 3827677.03  | 2.83153    | (19033007) | 390843.70   |
| 3827668.00  | 2.93018     | (19061106) |            |             |
| 390821.92   | 3827658.96  | 3.19401    | (16022306) | 390800.14   |
| 3827649.92  | 3.61588     | (16022306) |            |             |
| 390778.36   | 3827640.89  | 4.03987    | (16022306) | 390756.58   |
| 3827631.85  | 4.41285     | (16022306) |            |             |
| 390734.80   | 3827622.81  | 4.79945    | (16022306) | 390713.02   |
| 3827613.78  | 5.49562     | (20122117) |            |             |
| 390691.24   | 3827604.74  | 6.30062    | (20122117) | 390669.46   |
| 3827595.70  | 7.01670     | (20122117) |            |             |
| 390647.68   | 3827586.67  | 7.81538    | (20122117) | 390625.90   |
| 3827577.63  | 8.37653     | (20122117) |            |             |
| 390604.12   | 3827568.59  | 8.29778    | (20122117) | 390582.34   |
| 3827559.56  | 8.00465     | (20122117) |            |             |
| 390560.56   | 3827550.52  | 7.23338    | (20122117) | 390538.78   |
| 3827541.48  | 6.32654     | (20122117) |            |             |
| 390517.00   | 3827532.45  | 6.41303    | (20122117) | 390495.22   |
| 3827523.41  | 7.10609     | (20122117) |            |             |
| 390473.44   | 3827514.37  | 7.71146    | (18011401) | 390451.66   |
| 3827505.34  | 8.58469     | (20091423) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390429.89  | 3827496.30 | 9.33329    | (20091423) | 390408.11 |
| 3827487.26 | 9.94902    | (20091423) |            |           |
| 390386.33  | 3827478.23 | 10.57334   | (20091423) | 390364.55 |
| 3827469.19 | 11.07448   | (20091423) |            |           |
| 390342.77  | 3827460.15 | 11.07804   | (20091423) | 392433.60 |
| 3828327.67 | 3.36576    | (19092107) |            |           |
| 392456.24  | 3828334.59 | 3.34786    | (19092107) | 392478.88 |
| 3828341.51 | 3.32566    | (19092107) |            |           |
| 392501.52  | 3828348.43 | 3.29923    | (19092107) | 395986.43 |
| 3817029.38 | 77.40426   | (17010604) |            |           |
| 395999.63  | 3817008.62 | 46.01805   | (18020705) | 395995.09 |
| 3817052.83 | 109.70016  | (17011803) |            |           |
| 396020.72  | 3817022.04 | 46.85771   | (18020705) | 396009.97 |
| 3817071.27 | 123.02372  | (17011803) |            |           |
| 395967.36  | 3817087.01 | 143.79043  | (17122406) | 396028.62 |
| 3817056.21 | 78.26841   | (17010604) |            |           |
| 396041.82  | 3817035.45 | 50.91227   | (18020705) | 396033.14 |
| 3817083.01 | 134.17949  | (17011803) |            |           |
| 395978.69  | 3817110.38 | 172.08143  | (20122304) | 396062.92 |
| 3817048.87 | 53.93661   | (18020705) |            |           |
| 396073.26  | 3817111.51 | 154.22350  | (16122005) | 396054.61 |
| 3817126.56 | 189.12505  | (18012108) |            |           |
| 396035.96  | 3817141.62 | 213.68761  | (18012407) | 395993.36 |
| 3817157.36 | 215.36938  | (19012804) |            |           |
| 395969.40  | 3817158.05 | 217.01345  | (19012804) | 395945.44 |
| 3817158.73 | 221.97283  | (19010307) |            |           |
| 396091.91  | 3817096.45 | 113.37667  | (17010604) | 396105.11 |
| 3817075.69 | 73.54213   | (16122002) |            |           |
| 396117.53  | 3817136.66 | 180.93065  | (16122005) | 396084.37 |
| 3817163.43 | 239.78749  | (18012407) |            |           |
| 396051.22  | 3817190.19 | 265.61150  | (16010107) | 396013.35 |
| 3817204.19 | 282.37179  | (19010307) |            |           |
| 395970.76  | 3817205.41 | 286.55006  | (19113005) | 396147.30 |
| 3817102.52 | 80.48323   | (16122002) |            |           |
| 396158.53  | 3817164.45 | 206.55016  | (17121007) | 396140.77 |
| 3817178.79 | 255.96317  | (16010304) |            |           |
| 396123.01  | 3817193.12 | 270.49781  | (16122824) | 396105.25 |
| 3817207.46 | 282.21962  | (16010107) |            |           |
| 396087.49  | 3817221.80 | 335.11323  | (19020806) | 396069.73 |
| 3817236.14 | 326.63575  | (19110605) |            |           |
| 396029.15  | 3817251.13 | 320.11561  | (19113005) | 396006.34 |
| 3817251.78 | 327.65278  | (20102107) |            |           |
| 395983.52  | 3817252.44 | 337.85806  | (20102107) | 395960.70 |
| 3817253.09 | 321.94687  | (19122403) |            |           |
| 395937.89  | 3817253.74 | 315.07700  | (19122403) | 395915.07 |
| 3817254.40 | 339.44314  | (19120303) |            |           |
| 396176.30  | 3817150.11 | 150.99447  | (16122005) | 396189.50 |
| 3817129.35 | 90.81776   | (17010604) |            |           |
| 396199.84  | 3817191.99 | 234.65500  | (17121007) | 396181.19 |
| 3817207.05 | 258.83649  | (16010304) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396162.54  | 3817222.10 | 292.28535  | (17102404) | 396143.89 |
| 3817237.16 | 320.30610  | (20031203) |            |           |
| 396125.24  | 3817252.21 | 327.28748  | (19020806) | 396106.60 |
| 3817267.27 | 321.37591  | (19110605) |            |           |
| 396087.95  | 3817282.32 | 306.28213  | (19110605) | 396045.34 |
| 3817298.06 | 321.27742  | (20102107) |            |           |
| 396021.38  | 3817298.75 | 304.21695  | (19122403) | 395997.43 |
| 3817299.44 | 306.04957  | (19122403) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 499

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 395973.47   | 3817300.12  | 326.00165  | (19120303) | 395949.51   |
| 3817300.81  | 345.33303   | (16021306) |            |             |
| 395925.55   | 3817301.50  | 352.48509  | (16021306) | 395901.60   |
| 3817302.18  | 357.34999   | (20092906) |            |             |
| 396218.49   | 3817176.94  | 193.07959  | (17121007) | 396231.69   |
| 3817156.18  | 126.20808   | (16010302) |            |             |
| 396243.28   | 3817217.82  | 262.77544  | (17121007) | 396208.47   |
| 3817245.92  | 283.32391   | (17102404) |            |             |
| 396173.65   | 3817274.02  | 308.29359  | (19020806) | 396138.84   |
| 3817302.13  | 312.97376   | (19110605) |            |             |
| 396104.03   | 3817330.23  | 305.98305  | (20102107) | 396064.27   |
| 3817344.92  | 293.53842   | (19122403) |            |             |
| 396019.55   | 3817346.20  | 309.19635  | (19120303) | 395974.82   |
| 3817347.48  | 332.56812   | (16021306) |            |             |
| 395930.10   | 3817348.76  | 326.35589  | (20092906) | 396273.88   |
| 3817183.01  | 189.96765   | (20011803) |            |             |
| 396326.42   | 3817272.48  | 266.39986  | (19120304) | 396307.77   |
| 3817287.53  | 251.32475   | (17102404) |            |             |
| 396289.12   | 3817302.59  | 264.48862  | (17102404) | 396270.47   |
| 3817317.64  | 290.71037   | (20031203) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396251.82  | 3817332.70 | 294.83041  | (19020806) | 396233.18 |
| 3817347.75 | 285.80650  | (19020806) |            |           |
| 396214.53  | 3817362.81 | 289.51428  | (19110605) | 396195.88 |
| 3817377.86 | 276.34391  | (19113005) |            |           |
| 396177.23  | 3817392.92 | 289.56175  | (20102107) | 396158.58 |
| 3817407.97 | 271.34451  | (19122403) |            |           |
| 396139.93  | 3817423.03 | 278.62543  | (19120303) | 396097.33 |
| 3817438.77 | 307.67573  | (16021306) |            |           |
| 396073.37  | 3817439.45 | 303.38622  | (20092906) | 396049.41 |
| 3817440.14 | 310.14351  | (20092906) |            |           |
| 396025.45  | 3817440.83 | 286.40160  | (20092906) | 396001.50 |
| 3817441.51 | 310.68906  | (18122005) |            |           |
| 395977.54  | 3817442.20 | 326.37878  | (18122005) | 395953.58 |
| 3817442.89 | 326.50828  | (20102905) |            |           |
| 395929.62  | 3817443.57 | 324.79406  | (20102905) | 395905.67 |
| 3817444.26 | 335.61163  | (16111404) |            |           |
| 395881.71  | 3817444.94 | 331.68441  | (16021218) | 395857.75 |
| 3817445.63 | 335.63220  | (16122723) |            |           |
| 396345.07  | 3817257.42 | 268.25605  | (19120304) | 396358.27 |
| 3817236.66 | 254.46779  | (20011803) |            |           |
| 396411.22  | 3817325.80 | 246.09988  | (19120304) | 396392.99 |
| 3817340.52 | 236.80982  | (17102404) |            |           |
| 396374.75  | 3817355.24 | 248.57007  | (17102404) | 396356.52 |
| 3817369.96 | 272.43196  | (20031203) |            |           |
| 396338.28  | 3817384.68 | 272.70900  | (19020806) | 396320.05 |
| 3817399.40 | 275.72143  | (19020806) |            |           |
| 396301.81  | 3817414.12 | 276.62939  | (19110605) | 396283.58 |
| 3817428.84 | 258.83195  | (19113005) |            |           |
| 396265.34  | 3817443.56 | 264.87498  | (20102107) | 396247.11 |
| 3817458.28 | 268.34825  | (20102107) |            |           |
| 396228.88  | 3817473.00 | 255.77375  | (19122403) | 396210.64 |
| 3817487.72 | 265.71693  | (19120303) |            |           |
| 396192.41  | 3817502.44 | 280.98143  | (16021306) | 396174.17 |
| 3817517.16 | 280.26747  | (16021306) |            |           |
| 396132.51  | 3817532.56 | 267.49915  | (20092906) | 396109.09 |
| 3817533.23 | 274.85251  | (18122005) |            |           |
| 396085.66  | 3817533.90 | 297.22316  | (18122005) | 396062.24 |
| 3817534.57 | 293.09669  | (18122005) |            |           |
| 396038.81  | 3817535.24 | 303.21763  | (20102905) | 396015.39 |
| 3817535.91 | 300.48017  | (16111404) |            |           |
| 395991.96  | 3817536.58 | 306.56089  | (16111404) | 395968.54 |
| 3817537.25 | 306.28490  | (16021218) |            |           |
| 395945.11  | 3817537.92 | 308.21616  | (16122723) | 395921.69 |
| 3817538.59 | 320.02538  | (16122723) |            |           |
| 395898.26  | 3817539.27 | 301.65618  | (19100524) | 395874.84 |
| 3817539.94 | 316.92651  | (18111902) |            |           |
| 395851.41  | 3817540.61 | 327.90713  | (18111902) | 395827.99 |
| 3817541.28 | 331.42904  | (17100704) |            |           |
| 396429.45  | 3817311.08 | 263.62316  | (19120304) | 396442.65 |
| 3817290.32 | 268.54676  | (20011803) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 500

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396304.68   | 3817533.59  | 240.32296  | (19122403) | 396285.67   |
| 3817548.94  | 250.20816   | (19120303) |            |             |
| 396266.65   | 3817564.29  | 264.89147  | (16021306) | 396247.64   |
| 3817579.64  | 264.03133   | (16021306) |            |             |
| 396228.62   | 3817594.99  | 268.15001  | (20092906) | 396209.61   |
| 3817610.34  | 237.11776   | (20092906) |            |             |
| 396166.17   | 3817626.39  | 272.86477  | (18122005) | 396141.74   |
| 3817627.09  | 277.17695   | (20102905) |            |             |
| 396117.31   | 3817627.79  | 273.71370  | (20102905) | 396092.89   |
| 3817628.49  | 283.62227   | (16111404) |            |             |
| 396068.46   | 3817629.19  | 275.96125  | (16021218) | 396044.03   |
| 3817629.89  | 282.42069   | (16021218) |            |             |
| 396019.60   | 3817630.59  | 293.76879  | (16122723) | 395995.18   |
| 3817631.28  | 287.62848   | (16122723) |            |             |
| 395970.75   | 3817631.98  | 279.33119  | (19100524) | 395946.32   |
| 3817632.68  | 301.21955   | (18111902) |            |             |
| 395921.90   | 3817633.38  | 296.13956  | (18111902) | 395897.47   |
| 3817634.08  | 306.18310   | (17100704) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817635.48 | 395873.04 | 3817634.78 | 309.40695  | (19100706) | 395848.61 |
|            |           | 306.49721  | (20030605) |            |           |
| 3817636.88 | 395824.19 | 3817636.18 | 312.61930  | (20030605) | 395799.76 |
|            |           | 320.13568  | (19111306) |            |           |
| 3817343.97 | 396513.84 | 3817364.73 | 218.33768  | (19120304) | 396527.04 |
|            |           | 175.48969  | (20011803) |            |           |
| 3817448.50 | 396579.58 | 3817433.44 | 178.78122  | (16010304) | 396560.93 |
|            |           | 203.75134  | (16122824) |            |           |
| 3817478.61 | 396542.28 | 3817463.55 | 221.21869  | (20031203) | 396523.63 |
|            |           | 242.27605  | (20031203) |            |           |
| 3817508.72 | 396504.98 | 3817493.67 | 240.71218  | (19020806) | 396486.33 |
|            |           | 246.75501  | (19020806) |            |           |
| 3817538.83 | 396467.69 | 3817523.78 | 245.58938  | (19110605) | 396449.04 |
|            |           | 234.32547  | (19110605) |            |           |
| 3817568.94 | 396430.39 | 3817553.89 | 228.15275  | (19113005) | 396411.74 |
|            |           | 241.89929  | (20102107) |            |           |
| 3817599.05 | 396393.09 | 3817584.00 | 227.03812  | (20102107) | 396374.44 |
|            |           | 223.02944  | (19120303) |            |           |
| 3817629.16 | 396355.79 | 3817614.11 | 236.28408  | (19120303) | 396337.14 |
|            |           | 253.14733  | (16021306) |            |           |
| 3817659.27 | 396318.49 | 3817644.22 | 245.96188  | (16021306) | 396299.85 |
|            |           | 252.54550  | (20092906) |            |           |
| 3817689.38 | 396281.20 | 3817674.33 | 224.08146  | (20092906) | 396262.55 |
|            |           | 253.64166  | (18122005) |            |           |
| 3817720.18 | 396243.90 | 3817704.44 | 252.53468  | (18122005) | 396201.29 |
|            |           | 255.68645  | (16111404) |            |           |
| 3817721.55 | 396177.34 | 3817720.86 | 261.38063  | (16111404) | 396153.38 |
|            |           | 258.47923  | (16021218) |            |           |
| 3817722.92 | 396129.42 | 3817722.24 | 260.05588  | (16021218) | 396105.46 |
|            |           | 271.67205  | (16122723) |            |           |
| 3817724.29 | 396081.51 | 3817723.61 | 267.01177  | (16122723) | 396057.55 |
|            |           | 258.42114  | (19100524) |            |           |
| 3817725.67 | 396033.59 | 3817724.98 | 274.52194  | (18111902) | 396009.63 |
|            |           | 279.50848  | (18111902) |            |           |
| 3817727.04 | 395985.68 | 3817726.35 | 282.97056  | (17100704) | 395961.72 |
|            |           | 276.53246  | (19100706) |            |           |
| 3817728.41 | 395937.76 | 3817727.72 | 287.57383  | (19100706) | 395913.80 |
|            |           | 290.47370  | (20030605) |            |           |
| 3817729.78 | 395889.85 | 3817729.10 | 285.07002  | (20030605) | 395865.89 |
|            |           | 296.40383  | (19111306) |            |           |
| 3817731.16 | 395841.93 | 3817730.47 | 271.13529  | (19111306) | 395817.97 |
|            |           | 293.64865  | (19120619) |            |           |
| 3817732.53 | 395794.02 | 3817731.84 | 301.59131  | (19120619) | 395770.06 |
|            |           | 283.86260  | (20103104) |            |           |
| 3817397.63 | 396598.23 | 3817418.39 | 145.42719  | (17121007) | 396611.43 |
|            |           | 117.68488  | (17121007) |            |           |
| 3817501.72 | 396664.23 | 3817486.88 | 120.47439  | (16010304) | 396645.86 |
|            |           | 141.25377  | (16122824) |            |           |
| 3817531.39 | 396627.48 | 3817516.56 | 174.57750  | (16122824) | 396609.10 |
|            |           | 191.65147  | (20031203) |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 396590.72                                                                | 3817546.23 | 206.61927  | (19020806) | 396572.34 |
| 3817561.07                                                               | 234.88211  | (19020806) |            |           |
| 396553.96                                                                | 3817575.90 | 229.93749  | (19110605) | 396535.58 |
| 3817590.74                                                               | 228.79160  | (19110605) |            |           |
| 396517.21                                                                | 3817605.58 | 218.00654  | (19113005) | 396498.83 |
| 3817620.41                                                               | 224.79550  | (20102107) |            |           |
| 396480.45                                                                | 3817635.25 | 226.13630  | (20102107) | 396462.07 |
| 3817650.09                                                               | 214.44829  | (19122403) |            |           |
| 396443.69                                                                | 3817664.92 | 218.85724  | (19120303) | 396425.31 |
| 3817679.76                                                               | 223.56027  | (16021306) |            |           |
| 396406.94                                                                | 3817694.60 | 241.20527  | (16021306) | 396388.56 |
| 3817709.44                                                               | 235.57735  | (20092906) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                    | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                          | ***        | 17:54:19   |            |           |

PAGE 501

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 396370.18   | 3817724.27  | 237.85841  | (20092906) | 396351.80   |
| 3817739.11  | 210.22884   | (20092906) |            |             |
| 396333.42   | 3817753.95  | 239.64704  | (18122005) | 396315.04   |
| 3817768.78  | 240.50127   | (18122005) |            |             |
| 396296.66   | 3817783.62  | 244.06535  | (20102905) | 396278.29   |
| 3817798.46  | 240.98228   | (16111404) |            |             |
| 396236.30   | 3817813.97  | 242.38703  | (16021218) | 396212.69   |
| 3817814.65  | 239.02845   | (16021218) |            |             |
| 396189.08   | 3817815.32  | 252.55796  | (16122723) | 396165.47   |
| 3817816.00  | 246.89613   | (16122723) |            |             |
| 396141.86   | 3817816.67  | 239.48402  | (19100524) | 396118.25   |
| 3817817.35  | 252.09819   | (18111902) |            |             |
| 396094.64   | 3817818.03  | 260.70260  | (18111902) | 396071.03   |
| 3817818.70  | 259.23054   | (17100704) |            |             |
| 396047.41   | 3817819.38  | 261.96487  | (17100704) | 396023.80   |
| 3817820.06  | 266.41606   | (19100706) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396000.19  | 3817820.73 | 261.06331  | (19100706) | 395976.58 |
| 3817821.41 | 272.06515  | (20030605) |            |           |
| 395952.97  | 3817822.08 | 271.25124  | (19111306) | 395929.36 |
| 3817822.76 | 273.15323  | (19111306) |            |           |
| 395905.75  | 3817823.44 | 245.21286  | (19111306) | 395882.14 |
| 3817824.11 | 275.13364  | (19120619) |            |           |
| 395858.53  | 3817824.79 | 280.75090  | (19120619) | 395834.92 |
| 3817825.47 | 263.44059  | (20103104) |            |           |
| 395811.31  | 3817826.14 | 252.21929  | (20103104) | 395787.70 |
| 3817826.82 | 250.13886  | (18092704) |            |           |
| 395764.09  | 3817827.49 | 254.38827  | (18121102) | 395740.48 |
| 3817828.17 | 292.00927  | (18121102) |            |           |
| 396682.61  | 3817472.05 | 110.90662  | (17121007) | 396695.81 |
| 3817451.29 | 105.71341  | (17121007) |            |           |
| 396874.72  | 3817621.41 | 127.43470  | (16010304) | 396855.85 |
| 3817636.64 | 133.29966  | (16122824) |            |           |
| 396836.99  | 3817651.87 | 132.90762  | (16122824) | 396818.13 |
| 3817667.10 | 135.39687  | (20031203) |            |           |
| 396799.26  | 3817682.33 | 134.41449  | (19020806) | 396780.40 |
| 3817697.55 | 150.19416  | (19020806) |            |           |
| 396761.54  | 3817712.78 | 153.97669  | (19020806) | 396742.67 |
| 3817728.01 | 155.57556  | (19110605) |            |           |
| 396723.81  | 3817743.24 | 147.89881  | (19113005) | 396704.95 |
| 3817758.47 | 148.63821  | (19113005) |            |           |
| 396686.08  | 3817773.69 | 156.18669  | (20102107) | 396667.22 |
| 3817788.92 | 157.13983  | (19122403) |            |           |
| 396648.36  | 3817804.15 | 169.05685  | (19122403) | 396629.49 |
| 3817819.38 | 177.49492  | (19120303) |            |           |
| 396610.63  | 3817834.61 | 184.36788  | (19120303) | 396591.77 |
| 3817849.84 | 203.68417  | (16021306) |            |           |
| 396572.91  | 3817865.06 | 204.20441  | (20092906) | 396554.04 |
| 3817880.29 | 210.81027  | (20092906) |            |           |
| 396535.18  | 3817895.52 | 192.56060  | (20092906) | 396516.32 |
| 3817910.75 | 204.13719  | (18122005) |            |           |
| 396497.45  | 3817925.98 | 214.65599  | (18122005) | 396478.59 |
| 3817941.20 | 211.13981  | (20102905) |            |           |
| 396459.73  | 3817956.43 | 212.00174  | (20102905) | 396440.86 |
| 3817971.66 | 214.80391  | (16111404) |            |           |
| 396422.00  | 3817986.89 | 205.74514  | (16021218) | 396403.14 |
| 3818002.12 | 211.11311  | (16021218) |            |           |
| 396384.27  | 3818017.34 | 215.71248  | (16122723) | 396365.41 |
| 3818032.57 | 210.63473  | (16122723) |            |           |
| 396322.31  | 3818048.49 | 212.42445  | (18111902) | 396298.08 |
| 3818049.19 | 220.10556  | (18111902) |            |           |
| 396273.85  | 3818049.88 | 215.02519  | (17100704) | 396249.62 |
| 3818050.58 | 222.84884  | (17100704) |            |           |
| 396225.38  | 3818051.27 | 219.01780  | (19100706) | 396201.15 |
| 3818051.96 | 226.02203  | (19100706) |            |           |
| 396176.92  | 3818052.66 | 224.25285  | (20030605) | 396152.68 |
| 3818053.35 | 229.32203  | (20030605) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396128.45  | 3818054.05 | 229.73881  | (19111306) | 396104.22 |
| 3818054.74 | 231.55258  | (19111306) |            |           |
| 396079.99  | 3818055.43 | 212.93058  | (19111306) | 396055.75 |
| 3818056.13 | 225.20374  | (19120619) |            |           |
| 396031.52  | 3818056.82 | 239.03005  | (19120619) | 396007.29 |
| 3818057.52 | 229.91055  | (19120619) |            |           |
| 395983.05  | 3818058.21 | 222.11762  | (20103104) | 395958.82 |
| 3818058.91 | 210.18174  | (18092704) |            |           |
| 395934.59  | 3818059.60 | 209.63072  | (18092704) | 395910.36 |
| 3818060.29 | 213.12277  | (18121102) |            |           |
| 395886.12  | 3818060.99 | 244.31570  | (18121102) | 395861.89 |
| 3818061.68 | 250.01847  | (18121102) |            |           |
| 395837.66  | 3818062.38 | 254.00155  | (20112801) | 395813.43 |
| 3818063.07 | 246.93797  | (20112801) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 502

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395789.19   | 3818063.76  | 249.28125  | (19013008) | 395764.96   |
| 3818064.46  | 233.74530   | (19122821) |            |             |
| 395740.73   | 3818065.15  | 248.67090  | (18091704) | 395716.49   |
| 3818065.85  | 258.53975   | (18091704) |            |             |
| 395692.26   | 3818066.54  | 262.42839  | (18020201) | 395668.03   |
| 3818067.23  | 257.09119   | (19100306) |            |             |
| 396893.58   | 3817606.19  | 126.81039  | (19120304) | 396906.78   |
| 3817585.43  | 129.23508   | (19120304) |            |             |
| 397085.90   | 3817755.38  | 133.12469  | (16101822) | 397067.25   |
| 3817770.44  | 143.68896   | (16122824) |            |             |
| 397048.60   | 3817785.49  | 142.65790  | (16122824) | 397029.95   |
| 3817800.55  | 146.43804   | (20031203) |            |             |
| 397011.30   | 3817815.60  | 144.42843  | (20031203) | 396992.65   |
| 3817830.66  | 150.60506   | (19020806) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817860.77 | 396974.00 | 3817845.71 | 149.72006  | (19020806) | 396955.35 |
|            |           | 151.71728  | (19110605) |            |           |
| 3817890.88 | 396936.71 | 3817875.82 | 155.66099  | (19110605) | 396918.06 |
|            |           | 162.69070  | (19113005) |            |           |
| 3817920.99 | 396899.41 | 3817905.93 | 163.51717  | (19113005) | 396880.76 |
|            |           | 174.58892  | (20102107) |            |           |
| 3817951.10 | 396862.11 | 3817936.04 | 172.56753  | (20102107) | 396843.46 |
|            |           | 166.66219  | (19122403) |            |           |
| 3817981.21 | 396824.81 | 3817966.15 | 168.85777  | (19120303) | 396806.16 |
|            |           | 173.86585  | (19120303) |            |           |
| 3818011.32 | 396787.51 | 3817996.26 | 184.67066  | (16021306) | 396768.87 |
|            |           | 187.42557  | (16021306) |            |           |
| 3818041.43 | 396750.22 | 3818026.37 | 186.17030  | (20092906) | 396731.57 |
|            |           | 185.95463  | (20092906) |            |           |
| 3818071.54 | 396712.92 | 3818056.48 | 169.27538  | (20092906) | 396694.27 |
|            |           | 180.01768  | (18122005) |            |           |
| 3818101.65 | 396675.62 | 3818086.59 | 190.56893  | (18122005) | 396656.97 |
|            |           | 183.58436  | (18122005) |            |           |
| 3818131.76 | 396638.32 | 3818116.70 | 190.63750  | (20102905) | 396619.68 |
|            |           | 186.75802  | (16111404) |            |           |
| 3818161.87 | 396601.03 | 3818146.81 | 190.13732  | (16111404) | 396582.38 |
|            |           | 186.59630  | (16021218) |            |           |
| 3818191.98 | 396563.73 | 3818176.92 | 186.01050  | (16021218) | 396545.08 |
|            |           | 192.05666  | (16122723) |            |           |
| 3818222.09 | 396526.43 | 3818207.03 | 187.31289  | (16122723) | 396507.78 |
|            |           | 179.26932  | (19100524) |            |           |
| 3818252.20 | 396489.13 | 3818237.14 | 187.00505  | (18111902) | 396470.49 |
|            |           | 192.19531  | (18111902) |            |           |
| 3818282.99 | 396451.84 | 3818267.25 | 189.40193  | (17100704) | 396409.23 |
|            |           | 190.94747  | (19100706) |            |           |
| 3818284.37 | 396385.27 | 3818283.68 | 194.05877  | (19100706) | 396361.32 |
|            |           | 192.24439  | (20030605) |            |           |
| 3818285.74 | 396337.36 | 3818285.05 | 197.65802  | (20030605) | 396313.40 |
|            |           | 193.52224  | (19111306) |            |           |
| 3818287.11 | 396289.44 | 3818286.42 | 200.74138  | (19111306) | 396265.49 |
|            |           | 194.23424  | (19111306) |            |           |
| 3818288.48 | 396241.53 | 3818287.80 | 174.90411  | (19111306) | 396217.57 |
|            |           | 196.84874  | (19120619) |            |           |
| 3818291.23 | 396193.61 | 3818289.17 | 205.94146  | (19120619) | 396169.66 |
|            |           | 199.69189  | (19120619) |            |           |
| 3818292.60 | 396145.70 | 3818290.54 | 191.24329  | (20103104) | 396121.74 |
|            |           | 184.67274  | (20103104) |            |           |
| 3818293.97 | 396097.78 | 3818291.91 | 182.86008  | (18092704) | 396073.83 |
|            |           | 175.16790  | (18092704) |            |           |
| 3818295.34 | 396049.87 | 3818293.29 | 190.61493  | (18121102) | 396025.91 |
|            |           | 211.99581  | (18121102) |            |           |
| 3818296.72 | 396001.95 | 3818294.66 | 215.97616  | (18121102) | 395978.00 |
|            |           | 217.30072  | (20112801) |            |           |
|            | 395954.04 | 3818296.03 | 217.63494  | (20112801) | 395930.08 |
|            |           | 214.69790  | (19013008) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395906.12  | 3818297.40 | 210.40310  | (19013008) | 395882.17 |
| 3818298.09 | 202.35135  | (19122821) |            |           |
| 395858.21  | 3818298.78 | 217.81449  | (18091704) | 395834.25 |
| 3818299.46 | 223.34331  | (18091704) |            |           |
| 395810.29  | 3818300.15 | 225.40418  | (18020201) | 395786.34 |
| 3818300.83 | 223.74533  | (18020201) |            |           |
| 395762.38  | 3818301.52 | 229.48975  | (19100306) | 395738.42 |
| 3818302.21 | 219.38066  | (19100306) |            |           |
| 395714.46  | 3818302.89 | 224.12347  | (20011901) | 395690.51 |
| 3818303.58 | 232.23123  | (19120307) |            |           |
| 395666.55  | 3818304.26 | 227.80786  | (19120307) | 395642.59 |
| 3818304.95 | 234.68104  | (19102404) |            |           |
| 395618.63  | 3818305.64 | 219.10731  | (19102404) | 395594.68 |
| 3818306.32 | 221.76643  | (20050804) |            |           |
| 397104.54  | 3817740.33 | 132.09701  | (19120304) | 397117.74 |
| 3817719.57 | 141.06698  | (19120304) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 503

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 397296.56   | 3817889.76  | 127.88630  | (16122824) | 397277.62   |
| 3817905.05  | 136.03639   | (16122824) |            |             |
| 397258.68   | 3817920.35  | 136.00730  | (16122824) | 397239.73   |
| 3817935.64  | 148.00862   | (20031203) |            |             |
| 397220.79   | 3817950.94  | 149.82301  | (20031203) | 397201.84   |
| 3817966.23  | 155.71041   | (19020806) |            |             |
| 397182.90   | 3817981.52  | 158.17785  | (19020806) | 397163.95   |
| 3817996.82  | 154.84708   | (19110605) |            |             |
| 397145.01   | 3818012.11  | 156.49573  | (19110605) | 397126.06   |
| 3818027.41  | 147.88523   | (19113005) |            |             |
| 397107.12   | 3818042.70  | 149.77425  | (19113005) | 397088.17   |
| 3818057.99  | 150.03655   | (20102107) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397069.23  | 3818073.29 | 159.13033  | (20102107) | 397050.28 |
| 3818088.58 | 150.86422  | (20102107) |            |           |
| 397031.34  | 3818103.88 | 148.71962  | (19122403) | 397012.39 |
| 3818119.17 | 152.09013  | (19120303) |            |           |
| 396993.45  | 3818134.46 | 155.45142  | (19120303) | 396974.50 |
| 3818149.76 | 164.86497  | (16021306) |            |           |
| 396955.56  | 3818165.05 | 168.36077  | (16021306) | 396936.61 |
| 3818180.35 | 165.02924  | (20092906) |            |           |
| 396917.67  | 3818195.64 | 168.19167  | (20092906) | 396898.72 |
| 3818210.93 | 158.10123  | (20092906) |            |           |
| 396879.78  | 3818226.23 | 152.82382  | (18122005) | 396860.83 |
| 3818241.52 | 167.87911  | (18122005) |            |           |
| 396841.89  | 3818256.82 | 169.88952  | (18122005) | 396822.94 |
| 3818272.11 | 168.47348  | (20102905) |            |           |
| 396804.00  | 3818287.40 | 169.65363  | (20102905) | 396785.06 |
| 3818302.70 | 169.27745  | (16111404) |            |           |
| 396766.11  | 3818317.99 | 169.49235  | (16111404) | 396747.17 |
| 3818333.29 | 167.68580  | (16021218) |            |           |
| 396728.22  | 3818348.58 | 166.82437  | (16021218) | 396709.28 |
| 3818363.87 | 171.58916  | (16122723) |            |           |
| 396690.33  | 3818379.17 | 169.52044  | (16122723) | 396671.39 |
| 3818394.46 | 160.02231  | (19100524) |            |           |
| 396652.44  | 3818409.76 | 162.65357  | (18111902) | 396633.50 |
| 3818425.05 | 172.36031  | (18111902) |            |           |
| 396614.55  | 3818440.34 | 167.71103  | (18111902) | 396595.61 |
| 3818455.64 | 172.17289  | (17100704) |            |           |
| 396576.66  | 3818470.93 | 166.19481  | (17100704) | 396557.72 |
| 3818486.23 | 172.18311  | (19100706) |            |           |
| 396538.77  | 3818501.52 | 166.55021  | (20030605) | 396495.49 |
| 3818517.51 | 167.48858  | (20030605) |            |           |
| 396471.15  | 3818518.21 | 174.49715  | (19111306) | 396446.81 |
| 3818518.90 | 172.72922  | (19111306) |            |           |
| 396422.48  | 3818519.60 | 161.11639  | (19111306) | 396398.14 |
| 3818520.30 | 161.91722  | (19120619) |            |           |
| 396373.80  | 3818521.00 | 175.94597  | (19120619) | 396349.46 |
| 3818521.69 | 179.63534  | (19120619) |            |           |
| 396325.13  | 3818522.39 | 172.01836  | (19120619) | 396300.79 |
| 3818523.09 | 166.66782  | (20103104) |            |           |
| 396276.45  | 3818523.78 | 161.19674  | (20103104) | 396252.11 |
| 3818524.48 | 159.23201  | (18092704) |            |           |
| 396227.78  | 3818525.18 | 155.16165  | (18092704) | 396203.44 |
| 3818525.88 | 157.28680  | (18121102) |            |           |
| 396179.10  | 3818526.57 | 178.77314  | (18121102) | 396154.76 |
| 3818527.27 | 188.98404  | (18121102) |            |           |
| 396130.42  | 3818527.97 | 185.44459  | (18121102) | 396106.09 |
| 3818528.66 | 191.74374  | (20112801) |            |           |
| 396081.75  | 3818529.36 | 188.03415  | (20112801) | 396057.41 |
| 3818530.06 | 188.07864  | (19013008) |            |           |
| 396033.07  | 3818530.76 | 183.75776  | (19013008) | 396008.74 |
| 3818531.45 | 176.38567  | (19122821) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395984.40  | 3818532.15 | 187.44014  | (18091704) | 395960.06 |
| 3818532.85 | 196.19978  | (18091704) |            |           |
| 395935.72  | 3818533.54 | 192.23435  | (18020201) | 395911.38 |
| 3818534.24 | 199.12747  | (18020201) |            |           |
| 395887.05  | 3818534.94 | 196.11731  | (19100306) | 395862.71 |
| 3818535.63 | 200.35485  | (19100306) |            |           |
| 395838.37  | 3818536.33 | 194.14615  | (20011901) | 395814.03 |
| 3818537.03 | 194.93295  | (20011901) |            |           |
| 395789.70  | 3818537.73 | 203.63020  | (19120307) | 395765.36 |
| 3818538.42 | 200.22785  | (19120307) |            |           |
| 395741.02  | 3818539.12 | 205.63295  | (19102404) | 395716.68 |
| 3818539.82 | 197.30723  | (19102404) |            |           |
| 395692.34  | 3818540.51 | 185.62675  | (17020108) | 395668.01 |
| 3818541.21 | 204.81184  | (20050804) |            |           |
| 395643.67  | 3818541.91 | 205.51200  | (20050804) | 395619.33 |
| 3818542.61 | 192.56598  | (19122108) |            |           |
| 395594.99  | 3818543.30 | 202.49844  | (20040704) | 395570.66 |
| 3818544.00 | 211.48192  | (20040704) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 504

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395546.32   | 3818544.70  | 198.27935  | (20040704) | 395521.98   |
| 3818545.39  | 197.13760   | (17101505) |            |             |
| 397315.51   | 3817874.47  | 126.12401  | (16101822) | 397328.71   |
| 3817853.71  | 132.73836   | (19120304) |            |             |
| 397507.70   | 3818023.76  | 117.45923  | (16122824) | 397488.92   |
| 3818038.92  | 124.25531   | (16122824) |            |             |
| 397470.15   | 3818054.08  | 124.62517  | (20031203) | 397451.37   |
| 3818069.24  | 134.84373   | (20031203) |            |             |
| 397432.60   | 3818084.39  | 137.96810  | (20031203) | 397413.82   |
| 3818099.55  | 140.16872   | (19020806) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397395.05  | 3818114.71 | 144.96476  | (19020806) | 397376.27 |
| 3818129.87 | 142.16686  | (19020806) |            |           |
| 397357.49  | 3818145.02 | 146.16517  | (19110605) | 397338.72 |
| 3818160.18 | 144.28488  | (19110605) |            |           |
| 397319.94  | 3818175.34 | 135.54461  | (19113005) | 397301.17 |
| 3818190.50 | 135.45856  | (19113005) |            |           |
| 397282.39  | 3818205.65 | 142.11988  | (20102107) | 397263.62 |
| 3818220.81 | 144.18951  | (20102107) |            |           |
| 397244.84  | 3818235.97 | 137.15381  | (20102107) | 397226.06 |
| 3818251.12 | 134.40836  | (19122403) |            |           |
| 397207.29  | 3818266.28 | 134.64864  | (19120303) | 397188.51 |
| 3818281.44 | 140.46354  | (19120303) |            |           |
| 397169.74  | 3818296.60 | 143.73596  | (16021306) | 397150.96 |
| 3818311.75 | 151.86021  | (16021306) |            |           |
| 397132.19  | 3818326.91 | 150.04620  | (16021306) | 397113.41 |
| 3818342.07 | 151.13768  | (20092906) |            |           |
| 397094.64  | 3818357.23 | 151.01534  | (20092906) | 397075.86 |
| 3818372.38 | 140.93504  | (20092906) |            |           |
| 397057.08  | 3818387.54 | 138.09940  | (18122005) | 397038.31 |
| 3818402.70 | 150.92523  | (18122005) |            |           |
| 397019.53  | 3818417.86 | 153.92550  | (18122005) | 397000.76 |
| 3818433.01 | 149.83140  | (20102905) |            |           |
| 396981.98  | 3818448.17 | 154.24740  | (20102905) | 396963.21 |
| 3818463.33 | 148.80242  | (16111404) |            |           |
| 396944.43  | 3818478.49 | 154.54413  | (16111404) | 396925.65 |
| 3818493.64 | 149.56388  | (16111404) |            |           |
| 396906.88  | 3818508.80 | 152.56993  | (16021218) | 396888.10 |
| 3818523.96 | 148.82520  | (16021218) |            |           |
| 396869.33  | 3818539.12 | 155.33145  | (16122723) | 396850.55 |
| 3818554.27 | 152.67202  | (16122723) |            |           |
| 396831.78  | 3818569.43 | 144.15004  | (19100524) | 396813.00 |
| 3818584.59 | 144.31092  | (18111902) |            |           |
| 396794.23  | 3818599.75 | 154.61362  | (18111902) | 396775.45 |
| 3818614.90 | 154.16117  | (18111902) |            |           |
| 396756.67  | 3818630.06 | 153.77957  | (17100704) | 396737.90 |
| 3818645.22 | 154.38807  | (17100704) |            |           |
| 396719.12  | 3818660.38 | 153.11746  | (19100706) | 396700.35 |
| 3818675.53 | 154.77308  | (19100706) |            |           |
| 396681.57  | 3818690.69 | 152.56904  | (20030605) | 396662.80 |
| 3818705.85 | 155.26894  | (20030605) |            |           |
| 396644.02  | 3818721.01 | 151.76075  | (19111306) | 396625.24 |
| 3818736.16 | 155.50608  | (19111306) |            |           |
| 396582.35  | 3818752.01 | 135.89008  | (19111306) | 396558.23 |
| 3818752.70 | 146.75377  | (19120619) |            |           |
| 396534.11  | 3818753.39 | 156.41580  | (19120619) | 396509.99 |
| 3818754.08 | 158.43000  | (19120619) |            |           |
| 396485.87  | 3818754.77 | 152.29978  | (19120619) | 396461.75 |
| 3818755.47 | 146.77160  | (20103104) |            |           |
| 396437.63  | 3818756.16 | 144.26778  | (20103104) | 396413.51 |
| 3818756.85 | 139.16100  | (18092704) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396389.38  | 3818757.54 | 139.68190  | (18092704) | 396365.26 |
| 3818758.23 | 135.33504  | (18102517) |            |           |
| 396341.14  | 3818758.92 | 145.03752  | (18121102) | 396317.02 |
| 3818759.61 | 160.39535  | (18121102) |            |           |
| 396292.90  | 3818760.30 | 167.16162  | (18121102) | 396268.78 |
| 3818760.99 | 163.94891  | (18121102) |            |           |
| 396244.66  | 3818761.68 | 168.81375  | (20112801) | 396220.54 |
| 3818762.37 | 168.00909  | (20112801) |            |           |
| 396196.42  | 3818763.06 | 164.38873  | (19013008) | 396172.30 |
| 3818763.76 | 165.72679  | (19013008) |            |           |
| 396148.18  | 3818764.45 | 156.39888  | (19013008) | 396124.06 |
| 3818765.14 | 155.50827  | (19122821) |            |           |
| 396099.94  | 3818765.83 | 168.72065  | (18091704) | 396075.82 |
| 3818766.52 | 173.57461  | (18091704) |            |           |
| 396051.70  | 3818767.21 | 170.05096  | (18020201) | 396027.58 |
| 3818767.90 | 176.21676  | (18020201) |            |           |
| 396003.46  | 3818768.59 | 170.70025  | (19100306) | 395979.34 |
| 3818769.28 | 177.81044  | (19100306) |            |           |
| 395955.22  | 3818769.97 | 171.98321  | (19100306) | 395931.10 |
| 3818770.66 | 173.97791  | (20011901) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 505

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395906.98   | 3818771.35  | 173.14677  | (19120307) | 395882.86   |
| 3818772.05  | 181.08821   | (19120307) |            |             |
| 395858.73   | 3818772.74  | 175.13429  | (19120307) | 395834.61   |
| 3818773.43  | 182.11217   | (19102404) |            |             |
| 395810.49   | 3818774.12  | 175.54532  | (19102404) | 395786.37   |
| 3818774.81  | 164.26159   | (17020108) |            |             |
| 395762.25   | 3818775.50  | 177.86884  | (20050804) | 395738.13   |
| 3818776.19  | 184.09526   | (20050804) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395714.01  | 3818776.88 | 175.14022  | (20050804) | 395689.89 |
| 3818777.57 | 170.42931  | (19122108) |            |           |
| 395665.77  | 3818778.26 | 183.58772  | (20040704) | 395641.65 |
| 3818778.95 | 186.63273  | (20040704) |            |           |
| 395617.53  | 3818779.65 | 173.72538  | (20040704) | 395593.41 |
| 3818780.34 | 174.04754  | (20101624) |            |           |
| 395569.29  | 3818781.03 | 188.14081  | (17101505) | 395545.17 |
| 3818781.72 | 186.24602  | (17101505) |            |           |
| 395521.05  | 3818782.41 | 171.17340  | (19012724) | 395496.93 |
| 3818783.10 | 180.44019  | (19120405) |            |           |
| 395472.81  | 3818783.79 | 189.51392  | (19120405) | 395448.69 |
| 3818784.48 | 181.22298  | (19120405) |            |           |
| 397526.48  | 3818008.61 | 114.85336  | (16101822) | 397539.68 |
| 3817987.85 | 123.41336  | (19120304) |            |           |
| 397929.56  | 3818292.10 | 106.34977  | (17102404) | 397910.71 |
| 3818307.32 | 109.46932  | (17102404) |            |           |
| 397891.86  | 3818322.54 | 112.22278  | (20031203) | 397873.01 |
| 3818337.75 | 119.30736  | (20031203) |            |           |
| 397854.16  | 3818352.97 | 121.21859  | (20031203) | 397835.31 |
| 3818368.19 | 117.63844  | (20031203) |            |           |
| 397816.46  | 3818383.40 | 122.95451  | (19020806) | 397797.61 |
| 3818398.62 | 123.05694  | (19020806) |            |           |
| 397778.76  | 3818413.84 | 119.04187  | (19110605) | 397759.91 |
| 3818429.05 | 122.82843  | (19110605) |            |           |
| 397741.06  | 3818444.27 | 120.84519  | (19110605) | 397722.21 |
| 3818459.49 | 113.31055  | (19110605) |            |           |
| 397703.37  | 3818474.71 | 113.85188  | (19113005) | 397684.52 |
| 3818489.92 | 115.44366  | (20102107) |            |           |
| 397665.67  | 3818505.14 | 120.28135  | (20102107) | 397646.82 |
| 3818520.36 | 117.13144  | (20102107) |            |           |
| 397627.97  | 3818535.57 | 109.49247  | (19122403) | 397609.12 |
| 3818550.79 | 110.96127  | (19122403) |            |           |
| 397590.27  | 3818566.01 | 108.40845  | (19120303) | 397571.42 |
| 3818581.22 | 114.25406  | (19120303) |            |           |
| 397552.57  | 3818596.44 | 115.26469  | (19120303) | 397533.72 |
| 3818611.66 | 122.77682  | (16021306) |            |           |
| 397514.87  | 3818626.87 | 127.20806  | (16021306) | 397496.02 |
| 3818642.09 | 124.26790  | (16021306) |            |           |
| 397477.17  | 3818657.31 | 126.61808  | (20092906) | 397458.32 |
| 3818672.53 | 126.75455  | (20092906) |            |           |
| 397439.48  | 3818687.74 | 120.41259  | (20092906) | 397420.63 |
| 3818702.96 | 109.23734  | (18122005) |            |           |
| 397401.78  | 3818718.18 | 121.47212  | (18122005) | 397382.93 |
| 3818733.39 | 128.10747  | (18122005) |            |           |
| 397364.08  | 3818748.61 | 128.10101  | (18122005) | 397345.23 |
| 3818763.83 | 125.87644  | (20102905) |            |           |
| 397326.38  | 3818779.04 | 129.09130  | (20102905) | 397307.53 |
| 3818794.26 | 125.44572  | (20102905) |            |           |
| 397288.68  | 3818809.48 | 128.69205  | (16111404) | 397269.83 |
| 3818824.69 | 128.19016  | (16111404) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397250.98  | 3818839.91 | 125.18924  | (16021218) | 397232.13 |
| 3818855.13 | 127.79891  | (16021218) |            |           |
| 397213.28  | 3818870.35 | 124.16206  | (16122723) | 397194.43 |
| 3818885.56 | 129.87624  | (16122723) |            |           |
| 397175.58  | 3818900.78 | 128.60155  | (16122723) | 397156.74 |
| 3818916.00 | 120.52486  | (16122723) |            |           |
| 397137.89  | 3818931.21 | 120.90043  | (19100524) | 397119.04 |
| 3818946.43 | 125.35448  | (18111902) |            |           |
| 397100.19  | 3818961.65 | 130.22056  | (18111902) | 397081.34 |
| 3818976.86 | 127.99975  | (18111902) |            |           |
| 397062.49  | 3818992.08 | 128.77335  | (17100704) | 397043.64 |
| 3819007.30 | 129.61548  | (17100704) |            |           |
| 397024.79  | 3819022.51 | 126.24080  | (19100706) | 397005.94 |
| 3819037.73 | 130.11304  | (19100706) |            |           |
| 396987.09  | 3819052.95 | 126.87003  | (19100706) | 396968.24 |
| 3819068.17 | 129.44683  | (20030605) |            |           |
| 396949.39  | 3819083.38 | 129.24494  | (20030605) | 396930.54 |
| 3819098.60 | 127.36172  | (19111306) |            |           |
| 396911.69  | 3819113.82 | 130.21348  | (19111306) | 396892.85 |
| 3819129.03 | 125.96784  | (19111306) |            |           |
| 396874.00  | 3819144.25 | 115.30923  | (19111306) | 396855.15 |
| 3819159.47 | 119.15021  | (19120619) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 506

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396836.30   | 3819174.68  | 127.75725  | (19120619) | 396817.45   |
| 3819189.90  | 129.64813   | (19120619) |            |             |
| 396798.60   | 3819205.12  | 124.53484  | (19120619) | 396755.53   |
| 3819221.03  | 117.42943   | (20103104) |            |             |
| 396731.32   | 3819221.72  | 112.28379  | (20103104) | 396707.10   |
| 3819222.41  | 112.92410   | (18092704) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396682.89  | 3819223.11 | 111.64136  | (18092704) | 396658.67 |
| 3819223.80 | 109.14890  | (18102517) |            |           |
| 396634.46  | 3819224.50 | 114.60480  | (18121102) | 396610.24 |
| 3819225.19 | 126.30920  | (18121102) |            |           |
| 396586.03  | 3819225.88 | 133.35576  | (18121102) | 396561.81 |
| 3819226.58 | 134.76678  | (18121102) |            |           |
| 396537.60  | 3819227.27 | 130.74630  | (20112801) | 396513.38 |
| 3819227.96 | 136.32246  | (20112801) |            |           |
| 396489.17  | 3819228.66 | 135.78681  | (20112801) | 396464.95 |
| 3819229.35 | 130.81185  | (19013008) |            |           |
| 396440.74  | 3819230.04 | 134.21712  | (19013008) | 396416.52 |
| 3819230.74 | 131.30227  | (19013008) |            |           |
| 396392.31  | 3819231.43 | 124.04477  | (19122821) | 396368.09 |
| 3819232.12 | 124.79799  | (19122821) |            |           |
| 396343.88  | 3819232.82 | 135.45802  | (18091704) | 396319.66 |
| 3819233.51 | 140.04460  | (18091704) |            |           |
| 396295.45  | 3819234.21 | 137.61854  | (18091704) | 396271.23 |
| 3819234.90 | 140.51705  | (18020201) |            |           |
| 396247.02  | 3819235.59 | 141.64722  | (18020201) | 396222.80 |
| 3819236.29 | 138.72720  | (19100306) |            |           |
| 396198.59  | 3819236.98 | 143.34061  | (19100306) | 396174.37 |
| 3819237.67 | 140.33106  | (19100306) |            |           |
| 396150.16  | 3819238.37 | 139.02034  | (20011901) | 396125.94 |
| 3819239.06 | 139.23796  | (20011901) |            |           |
| 396101.73  | 3819239.75 | 142.58131  | (19120307) | 396077.51 |
| 3819240.45 | 145.96791  | (19120307) |            |           |
| 396053.30  | 3819241.14 | 141.13739  | (19120307) | 396029.08 |
| 3819241.83 | 146.55339  | (19102404) |            |           |
| 396004.87  | 3819242.53 | 144.55019  | (19102404) | 395980.65 |
| 3819243.22 | 134.38452  | (19102404) |            |           |
| 395956.44  | 3819243.92 | 133.40607  | (20050804) | 395932.22 |
| 3819244.61 | 145.08086  | (20050804) |            |           |
| 395908.01  | 3819245.30 | 148.50499  | (20050804) | 395883.79 |
| 3819246.00 | 142.95842  | (20050804) |            |           |
| 395859.58  | 3819246.69 | 137.09584  | (19122108) | 395835.36 |
| 3819247.38 | 142.04578  | (20040704) |            |           |
| 395811.15  | 3819248.08 | 150.33456  | (20040704) | 395786.93 |
| 3819248.77 | 149.31091  | (20040704) |            |           |
| 395762.72  | 3819249.46 | 139.70773  | (20101624) | 395738.50 |
| 3819250.16 | 140.74563  | (20101624) |            |           |
| 395714.29  | 3819250.85 | 149.40934  | (17101505) | 395690.07 |
| 3819251.54 | 152.53505  | (17101505) |            |           |
| 395665.86  | 3819252.24 | 145.72775  | (17101505) | 395641.64 |
| 3819252.93 | 137.85400  | (19012724) |            |           |
| 395617.43  | 3819253.62 | 145.96685  | (19120405) | 395593.21 |
| 3819254.32 | 152.62904  | (19120405) |            |           |
| 395569.00  | 3819255.01 | 149.06911  | (19120405) | 395544.78 |
| 3819255.71 | 137.69727  | (18031907) |            |           |
| 395520.57  | 3819256.40 | 135.81064  | (18031907) | 395496.35 |
| 3819257.09 | 141.73913  | (17102307) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395472.14  | 3819257.79 | 141.05901  | (17102307) | 395447.92 |
| 3819258.48 | 142.72693  | (16100904) |            |           |
| 395423.71  | 3819259.17 | 143.22906  | (16100904) | 395399.49 |
| 3819259.87 | 133.85104  | (16100904) |            |           |
| 395375.27  | 3819260.56 | 127.91335  | (16122022) | 395351.06 |
| 3819261.25 | 121.14064  | (19122305) |            |           |
| 395326.84  | 3819261.95 | 139.33122  | (19112108) | 395302.63 |
| 3819262.64 | 153.50615  | (19112108) |            |           |
| 397948.41  | 3818276.89 | 99.08994   | (16101822) | 397961.61 |
| 3818256.13 | 104.58219  | (19120304) |            |           |
| 398351.44  | 3818560.42 | 91.82533   | (17102404) | 398332.54 |
| 3818575.68 | 93.39893   | (17102404) |            |           |
| 398313.65  | 3818590.93 | 95.96125   | (20031203) | 398294.75 |
| 3818606.19 | 101.48413  | (20031203) |            |           |
| 398275.85  | 3818621.44 | 103.53018  | (20031203) | 398256.95 |
| 3818636.70 | 101.84729  | (20031203) |            |           |
| 398238.06  | 3818651.96 | 103.30351  | (19020806) | 398219.16 |
| 3818667.21 | 105.57671  | (19020806) |            |           |
| 398200.26  | 3818682.47 | 103.96984  | (19020806) | 398181.36 |
| 3818697.72 | 102.59278  | (19110605) |            |           |
| 398162.47  | 3818712.98 | 104.91525  | (19110605) | 398143.57 |
| 3818728.23 | 103.30782  | (19110605) |            |           |
| 398124.67  | 3818743.49 | 97.91278   | (19110605) | 398105.77 |
| 3818758.75 | 97.17884   | (19113005) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 507

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398086.88   | 3818774.00  | 95.57152   | (19113005) | 398067.98   |
| 3818789.26  | 101.13254   | (20102107) |            |             |
| 398049.08   | 3818804.51  | 103.19307  | (20102107) | 398030.18   |
| 3818819.77  | 101.24391   | (20102107) |            |             |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3818850.28 | 398011.29 | 3818835.03 | 95.47995   | (20102107) | 397992.39 |
|            |           | 95.67077   | (19122403) |            |           |
| 3818880.79 | 397973.49 | 3818865.54 | 93.59684   | (19120303) | 397954.59 |
|            |           | 97.52250   | (19120303) |            |           |
| 3818911.30 | 397935.70 | 3818896.05 | 96.38782   | (19120303) | 397916.80 |
|            |           | 93.79249   | (16021306) |            |           |
| 3818941.82 | 397897.90 | 3818926.56 | 97.30709   | (16021306) | 397879.00 |
|            |           | 99.34133   | (16021306) |            |           |
| 3818972.33 | 397860.11 | 3818957.07 | 97.77452   | (16021306) | 397841.21 |
|            |           | 104.26824  | (20092906) |            |           |
| 3819002.84 | 397822.31 | 3818987.58 | 108.48414  | (20092906) | 397803.41 |
|            |           | 104.39657  | (20092906) |            |           |
| 3819033.35 | 397784.52 | 3819018.09 | 96.30997   | (20092906) | 397765.62 |
|            |           | 99.13453   | (18122005) |            |           |
| 3819063.86 | 397746.72 | 3819048.61 | 106.65640  | (18122005) | 397727.82 |
|            |           | 110.00987  | (18122005) |            |           |
| 3819094.37 | 397708.93 | 3819079.12 | 108.76312  | (18122005) | 397690.03 |
|            |           | 107.74894  | (20102905) |            |           |
| 3819124.88 | 397671.13 | 3819109.63 | 110.27004  | (20102905) | 397652.24 |
|            |           | 108.12587  | (20102905) |            |           |
| 3819155.40 | 397633.34 | 3819140.14 | 108.82683  | (16111404) | 397614.44 |
|            |           | 110.42678  | (16111404) |            |           |
| 3819185.91 | 397595.54 | 3819170.65 | 107.32011  | (16111404) | 397576.65 |
|            |           | 108.34515  | (16021218) |            |           |
| 3819216.42 | 397557.75 | 3819201.16 | 108.93934  | (16021218) | 397538.85 |
|            |           | 106.55157  | (16122723) |            |           |
| 3819246.93 | 397519.95 | 3819231.67 | 110.83471  | (16122723) | 397501.06 |
|            |           | 110.37476  | (16122723) |            |           |
| 3819277.44 | 397482.16 | 3819262.19 | 105.21807  | (16122723) | 397463.26 |
|            |           | 103.31872  | (19100524) |            |           |
| 3819307.95 | 397444.36 | 3819292.70 | 102.49290  | (18111902) | 397425.47 |
|            |           | 109.19034  | (18111902) |            |           |
| 3819338.47 | 397406.57 | 3819323.21 | 111.33547  | (18111902) | 397387.67 |
|            |           | 108.64181  | (18111902) |            |           |
| 3819368.98 | 397368.77 | 3819353.72 | 109.98242  | (17100704) | 397349.88 |
|            |           | 110.98253  | (17100704) |            |           |
| 3819399.49 | 397330.98 | 3819384.23 | 107.17061  | (17100704) | 397312.08 |
|            |           | 110.64848  | (19100706) |            |           |
| 3819430.00 | 397293.18 | 3819414.74 | 110.48781  | (19100706) | 397274.29 |
|            |           | 107.64135  | (20030605) |            |           |
| 3819460.51 | 397255.39 | 3819445.26 | 111.14803  | (20030605) | 397236.49 |
|            |           | 109.82567  | (20030605) |            |           |
| 3819491.02 | 397217.59 | 3819475.77 | 108.89650  | (19111306) | 397198.70 |
|            |           | 111.26944  | (19111306) |            |           |
| 3819521.53 | 397179.80 | 3819506.28 | 108.80706  | (19111306) | 397160.90 |
|            |           | 101.83071  | (19111306) |            |           |
| 3819552.05 | 397142.00 | 3819536.79 | 96.47455   | (19120619) | 397123.11 |
|            |           | 105.41977  | (19120619) |            |           |
| 3819582.56 | 397104.21 | 3819567.30 | 110.25953  | (19120619) | 397085.31 |
|            |           | 110.38986  | (19120619) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396394.66  | 3819705.34 | 117.96347  | (19100306) | 396370.38 |
| 3819706.04 | 114.10206  | (20011901) |            |           |
| 396346.11  | 3819706.73 | 116.66050  | (20011901) | 396321.83 |
| 3819707.43 | 114.32403  | (20011901) |            |           |
| 396297.55  | 3819708.12 | 120.01854  | (19120307) | 396273.28 |
| 3819708.82 | 121.58261  | (19120307) |            |           |
| 396249.00  | 3819709.51 | 117.90407  | (19120307) | 396224.72 |
| 3819710.21 | 121.67765  | (19102404) |            |           |
| 396200.45  | 3819710.90 | 121.86184  | (19102404) | 396176.17 |
| 3819711.60 | 116.68230  | (19102404) |            |           |
| 396151.89  | 3819712.29 | 109.69689  | (17020108) | 396127.62 |
| 3819712.99 | 113.95999  | (20050804) |            |           |
| 396103.34  | 3819713.68 | 121.62630  | (20050804) | 396079.06 |
| 3819714.38 | 123.93440  | (20050804) |            |           |
| 396054.78  | 3819715.07 | 120.50613  | (20050804) | 396030.51 |
| 3819715.77 | 113.42301  | (19122108) |            |           |
| 396006.23  | 3819716.47 | 113.64380  | (19122108) | 395981.95 |
| 3819717.16 | 122.04587  | (20040704) |            |           |
| 395957.68  | 3819717.86 | 125.95571  | (20040704) | 395933.40 |
| 3819718.55 | 123.81564  | (20040704) |            |           |
| 395909.12  | 3819719.25 | 116.35560  | (20101624) | 395884.85 |
| 3819719.94 | 117.70096  | (20101624) |            |           |
| 395860.57  | 3819720.64 | 122.19549  | (17101505) | 395836.29 |
| 3819721.33 | 127.15252  | (17101505) |            |           |
| 395812.02  | 3819722.03 | 125.80465  | (17101505) | 395787.74 |
| 3819722.72 | 118.29422  | (17101505) |            |           |
| 395763.46  | 3819723.42 | 114.72708  | (19012724) | 395739.18 |
| 3819724.11 | 121.67145  | (19120405) |            |           |
| 395714.91  | 3819724.81 | 127.09342  | (19120405) | 395690.63 |
| 3819725.50 | 126.02908  | (19120405) |            |           |
| 395666.35  | 3819726.20 | 118.58499  | (19120405) | 395642.08 |
| 3819726.90 | 114.95748  | (18031907) |            |           |
| 395617.80  | 3819727.59 | 113.59508  | (17102307) | 395593.52 |
| 3819728.29 | 118.63130  | (17102307) |            |           |
| 395569.25  | 3819728.98 | 117.44249  | (17102307) | 395544.97 |
| 3819729.68 | 118.35807  | (16100904) |            |           |
| 395520.69  | 3819730.37 | 120.12767  | (16100904) | 395496.42 |
| 3819731.07 | 115.48478  | (16100904) |            |           |
| 395472.14  | 3819731.76 | 106.72076  | (16122022) | 395447.86 |
| 3819732.46 | 105.10916  | (16122022) |            |           |
| 395423.59  | 3819733.15 | 101.53670  | (19122305) | 395399.31 |
| 3819733.85 | 116.48458  | (19112108) |            |           |
| 395375.03  | 3819734.54 | 127.17723  | (19112108) | 395350.75 |
| 3819735.24 | 131.36235  | (19112108) |            |           |
| 395326.48  | 3819735.93 | 128.33922  | (19112108) | 395302.20 |
| 3819736.63 | 118.56538  | (19112108) |            |           |
| 395277.92  | 3819737.33 | 109.74428  | (19062705) | 395253.65 |
| 3819738.02 | 118.76819  | (19062705) |            |           |
| 395229.37  | 3819738.72 | 121.50923  | (19062705) | 395205.09 |
| 3819739.41 | 121.21239  | (16122919) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395180.82  | 3819740.11 | 126.86518  | (16122919) | 395156.54 |
| 3819740.80 | 125.47778  | (16122919) |            |           |
| 398370.34  | 3818545.17 | 87.15468   | (17102404) | 398383.54 |
| 3818524.41 | 85.25876   | (16101822) |            |           |
| 398773.34  | 3818828.73 | 80.22749   | (17102404) | 398754.41 |
| 3818844.01 | 80.95525   | (17102404) |            |           |
| 398735.47  | 3818859.29 | 83.37159   | (20031203) | 398716.54 |
| 3818874.58 | 87.79088   | (20031203) |            |           |
| 398697.61  | 3818889.86 | 89.77267   | (20031203) | 398678.68 |
| 3818905.14 | 89.12466   | (20031203) |            |           |
| 398659.75  | 3818920.43 | 87.89196   | (19020806) | 398640.82 |
| 3818935.71 | 91.02039   | (19020806) |            |           |
| 398621.89  | 3818950.99 | 91.46606   | (19020806) | 398602.96 |
| 3818966.28 | 89.16497   | (19020806) |            |           |
| 398584.02  | 3818981.56 | 89.60568   | (19110605) | 398565.09 |
| 3818996.84 | 91.08162   | (19110605) |            |           |
| 398546.16  | 3819012.13 | 89.76791   | (19110605) | 398527.23 |
| 3819027.41 | 85.76394   | (19110605) |            |           |
| 398508.30  | 3819042.69 | 84.08793   | (19113005) | 398489.37 |
| 3819057.98 | 83.73534   | (19113005) |            |           |
| 398470.44  | 3819073.26 | 85.67807   | (20102107) | 398451.50 |
| 3819088.54 | 88.93352   | (20102107) |            |           |
| 398432.57  | 3819103.83 | 89.41918   | (20102107) | 398413.64 |
| 3819119.11 | 87.07093   | (20102107) |            |           |
| 398394.71  | 3819134.39 | 82.09099   | (20102107) | 398375.78 |
| 3819149.67 | 82.96036   | (19122403) |            |           |
| 398356.85  | 3819164.96 | 81.47866   | (19122403) | 398337.92 |
| 3819180.24 | 84.87217   | (19120303) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 509

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |            |            |            |            |           |
|------------|------------|------------|------------|------------|-----------|
| 3819210.81 | 398318.99  | 3819195.52 | 86.83844   | (19120303) | 398300.05 |
| 3819241.37 | 3819210.81 | 85.97037   | (19120303) |            |           |
| 3819271.94 | 398281.12  | 3819226.09 | 89.37229   | (16021306) | 398262.19 |
| 3819302.51 | 3819241.37 | 86.34960   | (16021306) |            |           |
| 3819333.07 | 398243.26  | 3819256.66 | 80.77365   | (16021306) | 398224.33 |
| 3819363.64 | 3819271.94 | 73.18870   | (16021306) |            |           |
| 3819394.20 | 398205.40  | 3819287.22 | 77.08179   | (20092906) | 398186.47 |
| 3819424.77 | 3819302.51 | 80.04515   | (20092906) |            |           |
| 3819455.34 | 398167.53  | 3819317.79 | 81.09202   | (20092906) | 398148.60 |
| 3819485.90 | 3819333.07 | 79.05841   | (20092906) |            |           |
| 3819516.47 | 398129.67  | 3819348.36 | 75.23380   | (18122005) | 398110.74 |
| 3819547.04 | 3819363.64 | 81.16718   | (18122005) |            |           |
| 3819577.60 | 398091.81  | 3819378.92 | 85.28710   | (18122005) | 398072.88 |
| 3819608.17 | 3819394.20 | 86.23564   | (18122005) |            |           |
| 3819638.73 | 398053.95  | 3819409.49 | 85.31664   | (18122005) | 398035.02 |
| 3819669.30 | 3819424.77 | 88.15846   | (20102905) |            |           |
| 3819699.87 | 398016.08  | 3819440.05 | 92.54972   | (20102905) | 397997.15 |
| 3819730.43 | 3819455.34 | 91.76749   | (20102905) |            |           |
| 3819761.00 | 397978.22  | 3819470.62 | 93.31330   | (16111404) | 397959.29 |
| 3819791.57 | 3819485.90 | 95.83660   | (16111404) |            |           |
| 3819822.13 | 397940.36  | 3819501.19 | 95.03219   | (16111404) | 397921.43 |
| 3819852.70 | 3819516.47 | 91.76107   | (16021218) |            |           |
| 3819883.26 | 397902.50  | 3819531.75 | 94.67611   | (16021218) | 397883.56 |
| 3819913.83 | 3819547.04 | 94.29241   | (16021218) |            |           |
| 3819944.40 | 397864.63  | 3819562.32 | 92.78566   | (16122723) | 397845.70 |
|            | 3819577.60 | 96.14203   | (16122723) |            |           |
|            | 397826.77  | 3819592.89 | 96.14397   | (16122723) | 397807.84 |
|            | 3819608.17 | 92.78459   | (16122723) |            |           |
|            | 397788.91  | 3819623.45 | 89.15063   | (19100524) | 397769.98 |
|            | 3819638.73 | 89.49659   | (19100524) |            |           |
|            | 397751.04  | 3819654.02 | 91.75591   | (18111902) | 397732.11 |
|            | 3819669.30 | 95.81539   | (18111902) |            |           |
|            | 397713.18  | 3819684.58 | 96.53864   | (18111902) | 397694.25 |
|            | 3819699.87 | 93.84441   | (18111902) |            |           |
|            | 397675.32  | 3819715.15 | 95.44942   | (17100704) | 397656.39 |
|            | 3819730.43 | 96.50974   | (17100704) |            |           |
|            | 397637.46  | 3819745.72 | 94.14249   | (17100704) | 397618.53 |
|            | 3819761.00 | 95.15969   | (19100706) |            |           |
|            | 397599.59  | 3819776.28 | 96.54953   | (19100706) | 397580.66 |
|            | 3819791.57 | 94.50402   | (19100706) |            |           |
|            | 397561.73  | 3819806.85 | 94.92148   | (20030605) | 397542.80 |
|            | 3819822.13 | 96.63769   | (20030605) |            |           |
|            | 397523.87  | 3819837.42 | 94.91717   | (20030605) | 397504.94 |
|            | 3819852.70 | 94.56712   | (19111306) |            |           |
|            | 397486.01  | 3819867.98 | 96.61129   | (19111306) | 397467.07 |
|            | 3819883.26 | 95.22623   | (19111306) |            |           |
|            | 397448.14  | 3819898.55 | 90.56001   | (19111306) | 397429.21 |
|            | 3819913.83 | 83.09923   | (19111306) |            |           |
|            | 397410.28  | 3819929.11 | 87.64250   | (19120619) | 397391.35 |
|            | 3819944.40 | 93.46532   | (19120619) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397372.42  | 3819959.68 | 96.18063   | (19120619) | 397353.49 |
| 3819974.96 | 95.51368   | (19120619) |            |           |
| 397334.56  | 3819990.25 | 91.53962   | (19120619) | 397315.62 |
| 3820005.53 | 87.18137   | (20103104) |            |           |
| 397296.69  | 3820020.81 | 86.92851   | (20103104) | 397277.76 |
| 3820036.10 | 83.66549   | (20103104) |            |           |
| 397258.83  | 3820051.38 | 81.83048   | (18092704) | 397239.90 |
| 3820066.66 | 81.94923   | (18092704) |            |           |
| 397220.97  | 3820081.95 | 79.23467   | (18092704) | 397202.04 |
| 3820097.23 | 79.33767   | (18102517) |            |           |
| 397183.10  | 3820112.51 | 83.24949   | (18121102) | 397164.17 |
| 3820127.80 | 90.25825   | (18121102) |            |           |
| 397145.24  | 3820143.08 | 94.50126   | (18121102) | 397101.99 |
| 3820159.06 | 94.17199   | (18121102) |            |           |
| 397077.67  | 3820159.75 | 93.90452   | (20112801) | 397053.35 |
| 3820160.45 | 96.54539   | (20112801) |            |           |
| 397029.03  | 3820161.15 | 96.55707   | (20112801) | 397004.71 |
| 3820161.84 | 93.90233   | (20112801) |            |           |
| 396980.39  | 3820162.54 | 93.74700   | (19013008) | 396956.07 |
| 3820163.24 | 95.06988   | (19013008) |            |           |
| 396931.75  | 3820163.93 | 93.67480   | (19013008) | 396907.43 |
| 3820164.63 | 89.64265   | (19013008) |            |           |
| 396883.11  | 3820165.33 | 88.25132   | (19122821) | 396858.79 |
| 3820166.02 | 88.51343   | (18091704) |            |           |
| 396834.47  | 3820166.72 | 94.82089   | (18091704) | 396810.14 |
| 3820167.42 | 98.57382   | (18091704) |            |           |
| 396785.82  | 3820168.11 | 99.40215   | (18091704) | 396761.50 |
| 3820168.81 | 97.19370   | (18091704) |            |           |
| 396737.18  | 3820169.51 | 98.96054   | (18020201) | 396712.86 |
| 3820170.20 | 100.79365  | (18020201) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 510

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3820171.60 | 396688.54 | 3820170.90 | 99.46125   | (18020201) | 396664.22 |
|            |           | 98.83825   | (19100306) |            |           |
| 3820172.99 | 396639.90 | 3820172.29 | 101.56357  | (19100306) | 396615.58 |
|            |           | 101.02740  | (19100306) |            |           |
| 3820174.38 | 396591.26 | 3820173.69 | 97.24088   | (19100306) | 396566.94 |
|            |           | 98.78797   | (20011901) |            |           |
| 3820175.78 | 396542.62 | 3820175.08 | 98.94194   | (20011901) | 396518.30 |
|            |           | 98.58640   | (19120307) |            |           |
| 3820177.17 | 396493.98 | 3820176.47 | 102.74796  | (19120307) | 396469.66 |
|            |           | 103.48840  | (19120307) |            |           |
| 3820178.56 | 396445.34 | 3820177.87 | 100.69212  | (19120307) | 396421.02 |
|            |           | 103.06772  | (19102404) |            |           |
| 3820179.96 | 396396.70 | 3820179.26 | 104.26824  | (19102404) | 396372.38 |
|            |           | 101.81398  | (19102404) |            |           |
| 3820181.35 | 396348.06 | 3820180.65 | 95.92292   | (19102404) | 396323.74 |
|            |           | 93.41283   | (17020108) |            |           |
| 3820182.74 | 396299.42 | 3820182.04 | 98.52009   | (20050804) | 396275.09 |
|            |           | 103.91300  | (20050804) |            |           |
| 3820184.13 | 396250.77 | 3820183.44 | 105.65402  | (20050804) | 396226.45 |
|            |           | 103.52031  | (20050804) |            |           |
| 3820185.53 | 396202.13 | 3820184.83 | 97.70508   | (20050804) | 396177.81 |
|            |           | 97.18645   | (19122108) |            |           |
| 3820186.92 | 396153.49 | 3820186.22 | 99.97372   | (20040704) | 396129.17 |
|            |           | 105.61366  | (20040704) |            |           |
| 3820188.31 | 396104.85 | 3820187.62 | 107.38654  | (20040704) | 396080.53 |
|            |           | 105.05679  | (20040704) |            |           |
| 3820189.71 | 396056.21 | 3820189.01 | 98.93409   | (20101624) | 396031.89 |
|            |           | 100.40963  | (20101624) |            |           |
| 3820191.10 | 396007.57 | 3820190.40 | 101.87233  | (17101505) | 395983.25 |
|            |           | 107.25244  | (17101505) |            |           |
| 3820192.49 | 395958.93 | 3820191.80 | 108.51877  | (17101505) | 395934.61 |
|            |           | 105.48971  | (17101505) |            |           |
| 3820193.89 | 395910.29 | 3820193.19 | 98.48570   | (17101505) | 395885.97 |
|            |           | 97.53446   | (19012724) |            |           |
| 3820195.28 | 395861.65 | 3820194.58 | 103.41718  | (19120405) | 395837.33 |
|            |           | 107.98620  | (19120405) |            |           |
| 3820196.67 | 395813.01 | 3820195.98 | 108.21698  | (19120405) | 395788.69 |
|            |           | 104.05178  | (19120405) |            |           |
| 3820198.07 | 395764.36 | 3820197.37 | 97.59435   | (18031907) | 395740.04 |
|            |           | 97.17429   | (18031907) |            |           |
| 3820199.46 | 395715.72 | 3820198.76 | 98.16646   | (17102307) | 395691.40 |
|            |           | 101.20983  | (17102307) |            |           |
| 3820200.85 | 395667.08 | 3820200.16 | 100.02455  | (17102307) | 395642.76 |
|            |           | 100.19144  | (16100904) |            |           |
| 3820202.25 | 395618.44 | 3820201.55 | 102.48837  | (16100904) | 395594.12 |
|            |           | 100.44057  | (16100904) |            |           |
| 3820203.64 | 395569.80 | 3820202.94 | 94.28349   | (16100904) | 395545.48 |
|            |           | 90.83303   | (16122022) |            |           |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3820205.03 | 395521.16 | 3820204.34 | 88.19846   | (16122022) | 395496.84 |
|            |           | 87.42974   | (19112108) |            |           |
| 3820206.42 | 395472.52 | 3820205.73 | 99.11183   | (19112108) | 395448.20 |
|            |           | 107.55578  | (19112108) |            |           |
| 3820207.82 | 395423.88 | 3820207.12 | 111.71562  | (19112108) | 395399.56 |
|            |           | 111.04332  | (19112108) |            |           |
| 3820209.21 | 395375.24 | 3820208.51 | 105.60882  | (19112108) | 395350.92 |
|            |           | 96.08584   | (19112108) |            |           |
| 3820210.60 | 395326.60 | 3820209.91 | 95.90167   | (19062705) | 395302.28 |
|            |           | 101.89643  | (19062705) |            |           |
| 3820212.00 | 395277.96 | 3820211.30 | 103.55464  | (19062705) | 395253.64 |
|            |           | 102.42407  | (16122919) |            |           |
| 3820213.39 | 395229.31 | 3820212.69 | 107.59203  | (16122919) | 395204.99 |
|            |           | 108.07281  | (16122919) |            |           |
| 3820214.78 | 395180.67 | 3820214.09 | 108.35181  | (20112808) | 395156.35 |
|            |           | 112.47611  | (20112808) |            |           |
| 3820216.18 | 395132.03 | 3820215.48 | 111.62890  | (20112808) | 395107.71 |
|            |           | 105.91523  | (20112808) |            |           |
| 3820217.57 | 395083.39 | 3820216.87 | 96.06839   | (20112808) | 395059.07 |
|            |           | 90.16503   | (17031207) |            |           |
| 3820218.96 | 395034.75 | 3820218.27 | 93.65439   | (20022706) | 395010.43 |
|            |           | 97.61756   | (18020224) |            |           |
| 3818792.69 | 398792.27 | 3818813.45 | 77.25080   | (17102404) | 398805.47 |
|            |           | 73.48501   | (16101822) |            |           |
| 3819112.33 | 399195.24 | 3819097.03 | 70.84469   | (17102404) | 399176.29 |
|            |           | 71.09450   | (17102404) |            |           |
| 3819142.94 | 399157.33 | 3819127.64 | 73.38270   | (20031203) | 399138.37 |
|            |           | 76.99440   | (20031203) |            |           |
| 3819173.55 | 399119.42 | 3819158.24 | 78.83753   | (20031203) | 399100.46 |
|            |           | 78.76496   | (20031203) |            |           |
| 3819204.15 | 399081.50 | 3819188.85 | 76.76631   | (20031203) | 399062.55 |
|            |           | 79.04926   | (19020806) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 511

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*



| Y-COORD (M) | X-COORD (M) | Y-COORD (M)         | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|----------|------------|-------------|
| -----       |             |                     |          |            |             |
|             | 399043.59   | 3819219.46          | 80.52674 | (19020806) | 399024.63   |
| 3819234.76  |             | 79.99395 (19020806) |          |            |             |
|             | 399005.68   | 3819250.06          | 77.47701 | (19020806) | 398986.72   |
| 3819265.37  |             | 79.16702 (19110605) |          |            |             |
|             | 398967.77   | 3819280.67          | 80.12815 | (19110605) | 398948.81   |
| 3819295.97  |             | 79.04396 (19110605) |          |            |             |
|             | 398929.85   | 3819311.28          | 75.98039 | (19110605) | 398910.90   |
| 3819326.58  |             | 73.63401 (19113005) |          |            |             |
|             | 398891.94   | 3819341.88          | 73.95794 | (19113005) | 398872.98   |
| 3819357.19  |             | 73.33807 (20102107) |          |            |             |
|             | 398854.03   | 3819372.49          | 76.97523 | (20102107) | 398835.07   |
| 3819387.79  |             | 78.68942 (20102107) |          |            |             |
|             | 398816.11   | 3819403.10          | 78.33224 | (20102107) | 398797.16   |
| 3819418.40  |             | 75.92002 (20102107) |          |            |             |
|             | 398778.20   | 3819433.70          | 72.02315 | (19122403) | 398759.24   |
| 3819449.01  |             | 72.92371 (19122403) |          |            |             |
|             | 398740.29   | 3819464.31          | 71.86446 | (19122403) | 398721.33   |
| 3819479.62  |             | 73.90037 (19120303) |          |            |             |
|             | 398702.37   | 3819494.92          | 76.07712 | (19120303) | 398683.42   |
| 3819510.22  |             | 76.20389 (19120303) |          |            |             |
|             | 398664.46   | 3819525.53          | 78.05748 | (16021306) | 398645.50   |
| 3819540.83  |             | 81.67434 (16021306) |          |            |             |
|             | 398626.55   | 3819556.13          | 81.03218 | (16021306) | 398607.59   |
| 3819571.44  |             | 77.30966 (16021306) |          |            |             |
|             | 398588.63   | 3819586.74          | 71.69785 | (20092906) | 398569.68   |
| 3819602.04  |             | 71.23804 (20092906) |          |            |             |
|             | 398550.72   | 3819617.35          | 68.66434 | (20092906) | 398531.77   |
| 3819632.65  |             | 64.31830 (20092906) |          |            |             |
|             | 398512.81   | 3819647.95          | 58.57967 | (20092906) | 398493.85   |
| 3819663.26  |             | 54.31061 (17030207) |          |            |             |
|             | 398474.90   | 3819678.56          | 53.61250 | (18122005) | 398455.94   |
| 3819693.86  |             | 54.56933 (18122005) |          |            |             |
|             | 398436.98   | 3819709.17          | 53.03758 | (18122005) | 398418.03   |
| 3819724.47  |             | 49.11024 (18122005) |          |            |             |
|             | 398399.07   | 3819739.77          | 45.27078 | (18122005) | 398380.11   |
| 3819755.08  |             | 46.79182 (20102905) |          |            |             |
|             | 398361.16   | 3819770.38          | 50.35486 | (20102905) | 398342.20   |
| 3819785.68  |             | 49.89784 (20102905) |          |            |             |
|             | 398323.24   | 3819800.99          | 47.25725 | (16111404) | 398304.29   |
| 3819816.29  |             | 49.00514 (16111404) |          |            |             |
|             | 398285.33   | 3819831.60          | 49.61427 | (16111404) | 398266.37   |
| 3819846.90  |             | 49.68903 (16111404) |          |            |             |
|             | 398247.42   | 3819862.20          | 50.89619 | (16021218) | 398228.46   |
| 3819877.51  |             | 55.47311 (16021218) |          |            |             |
|             | 398209.50   | 3819892.81          | 58.22119 | (16021218) | 398190.55   |
| 3819908.11  |             | 61.48730 (16122723) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398171.59  | 3819923.42 | 65.86514   | (16122723) | 398152.63 |
| 3819938.72 | 68.30453   | (16122723) |            |           |
| 398133.68  | 3819954.02 | 68.71838   | (16122723) | 398114.72 |
| 3819969.33 | 67.18074   | (19100524) |            |           |
| 398095.77  | 3819984.63 | 70.43066   | (19100524) | 398076.81 |
| 3819999.93 | 71.54189   | (19100524) |            |           |
| 398057.85  | 3820015.24 | 76.58781   | (18111902) | 398038.90 |
| 3820030.54 | 80.64549   | (18111902) |            |           |
| 398019.94  | 3820045.84 | 82.47032   | (18111902) | 398000.98 |
| 3820061.15 | 81.75546   | (18111902) |            |           |
| 397982.03  | 3820076.45 | 83.88482   | (17100704) | 397963.07 |
| 3820091.75 | 84.99047   | (17100704) |            |           |
| 397944.11  | 3820107.06 | 83.52684   | (17100704) | 397925.16 |
| 3820122.36 | 82.71297   | (19100706) |            |           |
| 397906.20  | 3820137.66 | 84.83938   | (19100706) | 397887.24 |
| 3820152.97 | 84.45816   | (19100706) |            |           |
| 397868.29  | 3820168.27 | 81.60455   | (19100706) | 397849.33 |
| 3820183.57 | 84.28132   | (20030605) |            |           |
| 397830.37  | 3820198.88 | 84.98922   | (20030605) | 397811.42 |
| 3820214.18 | 83.18203   | (20030605) |            |           |
| 397792.46  | 3820229.49 | 83.19422   | (19111306) | 397773.50 |
| 3820244.79 | 84.98107   | (19111306) |            |           |
| 397754.55  | 3820260.09 | 84.25616   | (19111306) | 397735.59 |
| 3820275.40 | 81.08409   | (19111306) |            |           |
| 397716.63  | 3820290.70 | 75.74330   | (19111306) | 397697.68 |
| 3820306.00 | 73.57708   | (19120619) |            |           |
| 397678.72  | 3820321.31 | 79.46359   | (19120619) | 397659.77 |
| 3820336.61 | 83.30411   | (19120619) |            |           |
| 397640.81  | 3820351.91 | 84.77838   | (19120619) | 397621.85 |
| 3820367.22 | 83.75962   | (19120619) |            |           |
| 397602.90  | 3820382.52 | 80.34354   | (19120619) | 397583.94 |
| 3820397.82 | 76.56835   | (20103104) |            |           |
| 397564.98  | 3820413.13 | 76.66434   | (20103104) | 397546.03 |
| 3820428.43 | 74.53463   | (20103104) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 512

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 397527.07   | 3820443.73          | 71.25679   | (18092704) | 397508.11   |
| 3820459.04  | 72.31653 (18092704) |            |            |             |
| 397489.16   | 3820474.34          | 71.27416   | (18092704) | 397470.20   |
| 3820489.64  | 68.22513 (18092704) |            |            |             |
| 397451.24   | 3820504.95          | 70.08187   | (18102517) | 397432.29   |
| 3820520.25  | 74.08614 (18121102) |            |            |             |
| 397413.33   | 3820535.55          | 79.56910   | (18121102) | 397394.37   |
| 3820550.86  | 83.01282 (18121102) |            |            |             |
| 397375.42   | 3820566.16          | 84.13549   | (18121102) | 397356.46   |
| 3820581.46  | 82.85205 (18121102) |            |            |             |
| 397337.50   | 3820596.77          | 81.45844   | (20112801) | 397318.55   |
| 3820612.07  | 83.75160 (20112801) |            |            |             |
| 397275.24   | 3820628.07          | 81.93961   | (20112801) | 397250.89   |
| 3820628.77  | 80.20695 (19013008) |            |            |             |
| 397226.53   | 3820629.47          | 82.06946   | (19013008) | 397202.18   |
| 3820630.17  | 82.04341 (19013008) |            |            |             |
| 397177.83   | 3820630.86          | 80.10918   | (19013008) | 397153.47   |
| 3820631.56  | 76.37504 (19013008) |            |            |             |
| 397129.12   | 3820632.26          | 76.41742   | (19122821) | 397104.77   |
| 3820632.96  | 76.50272 (18091704) |            |            |             |
| 397080.42   | 3820633.65          | 81.56826   | (18091704) | 397056.06   |
| 3820634.35  | 84.87780 (18091704) |            |            |             |
| 397031.71   | 3820635.05          | 86.16881   | (18091704) | 397007.36   |
| 3820635.75  | 85.32393 (18091704) |            |            |             |
| 396983.00   | 3820636.44          | 83.67549   | (18020201) | 396958.65   |
| 3820637.14  | 86.55201 (18020201) |            |            |             |
| 396934.30   | 3820637.84          | 87.27218   | (18020201) | 396909.95   |
| 3820638.54  | 85.75638 (18020201) |            |            |             |
| 396885.59   | 3820639.23          | 85.62853   | (19100306) | 396861.24   |
| 3820639.93  | 87.87021 (19100306) |            |            |             |
| 396836.89   | 3820640.63          | 87.82335   | (19100306) | 396812.54   |
| 3820641.33  | 85.46638 (19100306) |            |            |             |
| 396788.18   | 3820642.02          | 84.59903   | (20011901) | 396763.83   |
| 3820642.72  | 85.95075 (20011901) |            |            |             |
| 396739.48   | 3820643.42          | 84.97747   | (20011901) | 396715.12   |
| 3820644.12  | 86.50276 (19120307) |            |            |             |
| 396690.77   | 3820644.81          | 89.27774   | (19120307) | 396666.42   |
| 3820645.51  | 89.61492 (19120307) |            |            |             |
| 396642.07   | 3820646.21          | 87.46078   | (19120307) | 396617.71   |
| 3820646.91  | 88.73498 (19102404) |            |            |             |
| 396593.36   | 3820647.60          | 90.37088   | (19102404) | 396569.01   |
| 3820648.30  | 89.43616 (19102404) |            |            |             |
| 396544.65   | 3820649.00          | 85.98317   | (19102404) | 396520.30   |
| 3820649.70  | 80.43136 (17020108) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396495.95  | 3820650.39 | 80.66330   | (17020108) | 396471.60 |
| 3820651.09 | 86.19959   | (20050804) |            |           |
| 396447.24  | 3820651.79 | 90.18808   | (20050804) | 396422.89 |
| 3820652.49 | 91.58921   | (20050804) |            |           |
| 396398.54  | 3820653.18 | 90.25802   | (20050804) | 396374.18 |
| 3820653.88 | 86.28568   | (20050804) |            |           |
| 396349.83  | 3820654.58 | 83.93699   | (19122108) | 396325.48 |
| 3820655.28 | 83.65923   | (19122108) |            |           |
| 396301.13  | 3820655.97 | 88.82008   | (20040704) | 396276.77 |
| 3820656.67 | 92.30187   | (20040704) |            |           |
| 396252.42  | 3820657.37 | 92.97672   | (20040704) | 396228.07 |
| 3820658.07 | 90.76111   | (20040704) |            |           |
| 396203.72  | 3820658.76 | 85.83794   | (20040704) | 396179.36 |
| 3820659.46 | 87.02004   | (20101624) |            |           |
| 396155.01  | 3820660.16 | 86.33549   | (17101505) | 396130.66 |
| 3820660.86 | 91.54599   | (17101505) |            |           |
| 396106.30  | 3820661.55 | 93.99775   | (17101505) | 396081.95 |
| 3820662.25 | 93.43541   | (17101505) |            |           |
| 396057.60  | 3820662.95 | 89.89268   | (17101505) | 396033.25 |
| 3820663.65 | 84.18462   | (19012724) |            |           |
| 396008.89  | 3820664.34 | 84.35891   | (19012724) | 395984.54 |
| 3820665.04 | 89.33753   | (19120405) |            |           |
| 395960.19  | 3820665.74 | 93.24491   | (19120405) | 395935.83 |
| 3820666.44 | 94.13012   | (19120405) |            |           |
| 395911.48  | 3820667.13 | 91.88638   | (19120405) | 395887.13 |
| 3820667.83 | 86.71601   | (19120405) |            |           |
| 395862.78  | 3820668.53 | 84.78279   | (18031907) | 395838.42 |
| 3820669.23 | 83.28808   | (18031907) |            |           |
| 395814.07  | 3820669.92 | 85.80582   | (17102307) | 395789.72 |
| 3820670.62 | 87.74662   | (17102307) |            |           |
| 395765.36  | 3820671.32 | 86.69642   | (17102307) | 395741.01 |
| 3820672.02 | 86.22854   | (16100904) |            |           |
| 395716.66  | 3820672.71 | 88.67124   | (16100904) | 395692.31 |
| 3820673.41 | 88.06740   | (16100904) |            |           |
| 395667.95  | 3820674.11 | 84.46235   | (16100904) | 395643.60 |
| 3820674.81 | 78.39482   | (16122022) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 513

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 395619.25   | 3820675.50          | 78.22707   | (16122022) | 395594.90   |
| 3820676.20  | 75.35460 (16122022) |            |            |             |
| 395570.54   | 3820676.90          | 76.49527   | (19112108) | 395546.19   |
| 3820677.60  | 85.61085 (19112108) |            |            |             |
| 395521.84   | 3820678.29          | 92.47417   | (19112108) | 395497.48   |
| 3820678.99  | 96.39697 (19112108) |            |            |             |
| 395473.13   | 3820679.69          | 96.95929   | (19112108) | 395448.78   |
| 3820680.39  | 94.09293 (19112108) |            |            |             |
| 395424.43   | 3820681.08          | 88.08800   | (19112108) | 395400.07   |
| 3820681.78  | 79.54068 (19112108) |            |            |             |
| 395375.72   | 3820682.48          | 84.47641   | (19062705) | 395351.37   |
| 3820683.18  | 88.66831 (19062705) |            |            |             |
| 395327.01   | 3820683.87          | 89.76312   | (19062705) | 395302.66   |
| 3820684.57  | 87.99103 (16122919) |            |            |             |
| 395278.31   | 3820685.27          | 92.62965   | (16122919) | 395253.96   |
| 3820685.97  | 94.03357 (16122919) |            |            |             |
| 395229.60   | 3820686.66          | 92.04577   | (16122919) | 395205.25   |
| 3820687.36  | 96.07894 (20112808) |            |            |             |
| 395180.90   | 3820688.06          | 97.78398   | (20112808) | 395156.54   |
| 3820688.76  | 95.94972 (20112808) |            |            |             |
| 395132.19   | 3820689.45          | 90.77058   | (20112808) | 395107.84   |
| 3820690.15  | 82.78431 (20112808) |            |            |             |
| 395083.49   | 3820690.85          | 78.29990   | (17031207) | 395059.13   |
| 3820691.55  | 80.38547 (20022706) |            |            |             |
| 395034.78   | 3820692.24          | 82.19409   | (20022706) | 395010.43   |
| 3820692.94  | 89.56651 (18020224) |            |            |             |
| 394986.07   | 3820693.64          | 95.21360   | (18020224) | 394961.72   |
| 3820694.34  | 97.57269 (18020224) |            |            |             |
| 394937.37   | 3820695.03          | 96.39500   | (18020224) | 394913.02   |
| 3820695.73  | 94.78654 (19102022) |            |            |             |
| 394888.66   | 3820696.43          | 97.35490   | (19102022) | 394864.31   |
| 3820697.13  | 96.39957 (19102022) |            |            |             |
| 399214.20   | 3819081.73          | 68.92100   | (17102404) | 399227.40   |
| 3819060.97  | 65.30246 (17102404) |            |            |             |
| 400320.26   | 3819812.55          | 53.07682   | (17102404) | 400301.16   |
| 3819827.97  | 52.82093 (17102404) |            |            |             |
| 400282.07   | 3819843.38          | 54.85525   | (20031203) | 400262.97   |
| 3819858.80  | 57.13458 (20031203) |            |            |             |
| 400243.88   | 3819874.21          | 58.54687   | (20031203) | 400224.79   |
| 3819889.62  | 59.01999 (20031203) |            |            |             |
| 400205.69   | 3819905.04          | 58.52418   | (20031203) | 400186.60   |
| 3819920.45  | 57.07829 (20031203) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400167.50  | 3819935.87 | 58.66629   | (19020806) | 400148.41 |
| 3819951.28 | 59.25230   | (19020806) |            |           |
| 400129.32  | 3819966.70 | 56.55685   | (19020806) | 400110.22 |
| 3819982.11 | 54.20143   | (19020806) |            |           |
| 400091.13  | 3819997.53 | 51.44206   | (19020806) | 400072.03 |
| 3820012.94 | 51.31291   | (19110605) |            |           |
| 400052.94  | 3820028.35 | 51.59627   | (19110605) | 400033.85 |
| 3820043.77 | 50.65462   | (19110605) |            |           |
| 400014.75  | 3820059.18 | 47.21450   | (19110605) | 399995.66 |
| 3820074.60 | 42.19354   | (19110605) |            |           |
| 399976.57  | 3820090.01 | 43.92339   | (19113005) | 399957.47 |
| 3820105.43 | 46.76646   | (19113005) |            |           |
| 399938.38  | 3820120.84 | 46.98971   | (19113005) | 399919.28 |
| 3820136.25 | 46.17903   | (20102107) |            |           |
| 399900.19  | 3820151.67 | 48.03791   | (20102107) | 399881.10 |
| 3820167.08 | 49.27834   | (20102107) |            |           |
| 399862.00  | 3820182.50 | 49.33957   | (20102107) | 399842.91 |
| 3820197.91 | 49.18640   | (20102107) |            |           |
| 399823.81  | 3820213.33 | 49.18382   | (20102107) | 399804.72 |
| 3820228.74 | 50.00034   | (19122403) |            |           |
| 399785.63  | 3820244.16 | 51.68914   | (19122403) | 399766.53 |
| 3820259.57 | 51.59818   | (19122403) |            |           |
| 399747.44  | 3820274.98 | 50.42170   | (19120303) | 399728.34 |
| 3820290.40 | 51.68623   | (19120303) |            |           |
| 399709.25  | 3820305.81 | 51.80520   | (19120303) | 399690.16 |
| 3820321.23 | 50.65339   | (19120303) |            |           |
| 399671.06  | 3820336.64 | 47.84610   | (19120303) | 399651.97 |
| 3820352.06 | 45.16056   | (16021306) |            |           |
| 399632.88  | 3820367.47 | 40.99122   | (16021306) | 399613.78 |
| 3820382.88 | 34.70699   | (16021306) |            |           |
| 399594.69  | 3820398.30 | 30.57185   | (16021306) | 399575.59 |
| 3820413.71 | 29.56508   | (16021306) |            |           |
| 399556.50  | 3820429.13 | 28.70631   | (20092906) | 399537.41 |
| 3820444.54 | 25.97571   | (20092906) |            |           |
| 399518.31  | 3820459.96 | 22.08492   | (20092906) | 399499.22 |
| 3820475.37 | 19.37049   | (20092906) |            |           |
| 399480.12  | 3820490.79 | 16.96086   | (20092906) | 399461.03 |
| 3820506.20 | 16.53883   | (17030207) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 514

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 399441.94   | 3820521.61  | 16.08330       | (17030207) | 399422.84          |  |
| 3820537.03  | 14.85727    | (17030207)     |            |                    |  |
| 399403.75   | 3820552.44  | 14.15758       | (18122005) | 399384.65          |  |
| 3820567.86  | 13.75793    | (18122005)     |            |                    |  |
| 399365.56   | 3820583.27  | 13.25238       | (18122005) | 399346.47          |  |
| 3820598.69  | 12.70410    | (18122005)     |            |                    |  |
| 399327.37   | 3820614.10  | 12.05143       | (18122005) | 399308.28          |  |
| 3820629.51  | 11.64087    | (20102905)     |            |                    |  |
| 399289.19   | 3820644.93  | 11.48362       | (20102905) | 399270.09          |  |
| 3820660.34  | 11.00803    | (20102905)     |            |                    |  |
| 399251.00   | 3820675.76  | 10.77780       | (20102905) | 399231.90          |  |
| 3820691.17  | 10.71621    | (20102905)     |            |                    |  |
| 399212.81   | 3820706.59  | 11.84666       | (16111404) | 399193.72          |  |
| 3820722.00  | 11.83529    | (16111404)     |            |                    |  |
| 399174.62   | 3820737.41  | 11.22870       | (16111404) | 399155.53          |  |
| 3820752.83  | 10.72362    | (16111404)     |            |                    |  |
| 399136.43   | 3820768.24  | 12.15574       | (18012404) | 399117.34          |  |
| 3820783.66  | 13.80494    | (18012404)     |            |                    |  |
| 399098.25   | 3820799.07  | 13.43384       | (18012404) | 399079.15          |  |
| 3820814.49  | 11.69901    | (18012404)     |            |                    |  |
| 399060.06   | 3820829.90  | 11.50162       | (16122723) | 399040.96          |  |
| 3820845.32  | 13.16103    | (16122723)     |            |                    |  |
| 399021.87   | 3820860.73  | 15.15043       | (16122723) | 399002.78          |  |
| 3820876.14  | 15.96828    | (16122723)     |            |                    |  |
| 398983.68   | 3820891.56  | 17.16344       | (16122723) | 398964.59          |  |
| 3820906.97  | 18.71600    | (19100524)     |            |                    |  |
| 398945.49   | 3820922.39  | 20.65743       | (19100524) | 398926.40          |  |
| 3820937.80  | 21.76909    | (19100524)     |            |                    |  |
| 398907.31   | 3820953.22  | 20.96579       | (18111902) | 398888.21          |  |
| 3820968.63  | 18.78808    | (18111902)     |            |                    |  |
| 398869.12   | 3820984.04  | 16.44178       | (18111902) | 398850.03          |  |
| 3820999.46  | 16.72443    | (18111902)     |            |                    |  |
| 398830.93   | 3821014.87  | 16.83195       | (18111902) | 398811.84          |  |
| 3821030.29  | 13.99233    | (19021201)     |            |                    |  |
| 398792.74   | 3821045.70  | 12.36422       | (19021201) | 398773.65          |  |
| 3821061.12  | 12.19496    | (19021201)     |            |                    |  |
| 398754.56   | 3821076.53  | 14.86862       | (19021201) | 398735.46          |  |
| 3821091.95  | 18.79366    | (19021201)     |            |                    |  |
| 398716.37   | 3821107.36  | 23.74270       | (19100706) | 398697.27          |  |
| 3821122.77  | 27.38043    | (19100706)     |            |                    |  |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 398678.18  | 3821138.19          | 29.38795 | (19100706) | 398659.09 |
| 3821153.60 | 31.54727 (19100706) |          |            |           |
| 398639.99  | 3821169.02          | 34.04389 | (20030605) | 398620.90 |
| 3821184.43 | 36.70491 (20030605) |          |            |           |
| 398601.80  | 3821199.85          | 37.26125 | (20030605) | 398582.71 |
| 3821215.26 | 35.76706 (20030605) |          |            |           |
| 398563.62  | 3821230.67          | 34.24887 | (19111306) | 398544.52 |
| 3821246.09 | 33.57430 (19111306) |          |            |           |
| 398525.43  | 3821261.50          | 33.80266 | (19111306) | 398506.34 |
| 3821276.92 | 34.07604 (19111306) |          |            |           |
| 398487.24  | 3821292.33          | 33.72835 | (19111306) | 398468.15 |
| 3821307.75 | 32.03665 (19111306) |          |            |           |
| 398449.05  | 3821323.16          | 31.38286 | (16112603) | 398429.96 |
| 3821338.58 | 33.96684 (19120619) |          |            |           |
| 398410.87  | 3821353.99          | 38.17161 | (19120619) | 398391.77 |
| 3821369.40 | 40.63714 (19120619) |          |            |           |
| 398372.68  | 3821384.82          | 40.83176 | (19120619) | 398353.58 |
| 3821400.23 | 38.74361 (19120619) |          |            |           |
| 398334.49  | 3821415.65          | 32.29013 | (19120619) | 398315.40 |
| 3821431.06 | 25.43258 (20103104) |          |            |           |
| 398296.30  | 3821446.48          | 24.49366 | (20103104) | 398277.21 |
| 3821461.89 | 27.93856 (20103104) |          |            |           |
| 398258.11  | 3821477.30          | 24.53977 | (20103104) | 398239.02 |
| 3821492.72 | 18.48769 (20103104) |          |            |           |
| 398219.93  | 3821508.13          | 14.80205 | (16011306) | 398200.83 |
| 3821523.55 | 13.21109 (16011306) |          |            |           |
| 398181.74  | 3821538.96          | 14.03836 | (16011306) | 398162.65 |
| 3821554.38 | 14.70741 (16011306) |          |            |           |
| 398143.55  | 3821569.79          | 15.28726 | (20111602) | 398124.46 |
| 3821585.21 | 16.25761 (20111602) |          |            |           |
| 398105.36  | 3821600.62          | 19.59822 | (20111602) | 398086.27 |
| 3821616.03 | 25.43401 (18121102) |          |            |           |
| 398067.18  | 3821631.45          | 32.40116 | (18121102) | 398048.08 |
| 3821646.86 | 38.74095 (18121102) |          |            |           |
| 398028.99  | 3821662.28          | 42.05259 | (18121102) | 398009.89 |
| 3821677.69 | 41.23017 (18121102) |          |            |           |
| 397990.80  | 3821693.11          | 36.66245 | (20112801) | 397971.71 |
| 3821708.52 | 31.87681 (20112801) |          |            |           |
| 397952.61  | 3821723.93          | 28.05213 | (20112801) | 397933.52 |
| 3821739.35 | 29.72042 (20112801) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 515

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*



INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 397914.42   | 3821754.76          | 35.08101   | (20112801) | 397895.33   |
| 3821770.18  | 38.34318 (19013008) |            |            |             |
| 397876.24   | 3821785.59          | 39.24900   | (19013008) | 397857.14   |
| 3821801.01  | 35.30237 (19013008) |            |            |             |
| 397838.05   | 3821816.42          | 28.86787   | (19013008) | 397818.95   |
| 3821831.84  | 22.28520 (19013008) |            |            |             |
| 397799.86   | 3821847.25          | 21.09524   | (19122821) | 397780.77   |
| 3821862.66  | 22.62050 (19122821) |            |            |             |
| 397737.14   | 3821878.78          | 24.73933   | (19122821) | 397712.61   |
| 3821879.48  | 27.56041 (18091704) |            |            |             |
| 397688.09   | 3821880.19          | 30.62884   | (18091704) | 397663.56   |
| 3821880.89  | 36.69021 (18091704) |            |            |             |
| 397639.03   | 3821881.59          | 41.28734   | (18091704) | 397614.50   |
| 3821882.29  | 41.31387 (18091704) |            |            |             |
| 397589.97   | 3821883.00          | 41.17466   | (18020201) | 397565.44   |
| 3821883.70  | 40.64281 (18020201) |            |            |             |
| 397540.91   | 3821884.40          | 41.82860   | (18020201) | 397516.38   |
| 3821885.10  | 44.58306 (18020201) |            |            |             |
| 397491.85   | 3821885.81          | 47.13843   | (18020201) | 397467.32   |
| 3821886.51  | 51.99354 (19100306) |            |            |             |
| 397442.79   | 3821887.21          | 54.49149   | (19100306) | 397418.26   |
| 3821887.91  | 52.00705 (19100306) |            |            |             |
| 397393.73   | 3821888.62          | 44.84576   | (19100306) | 397369.20   |
| 3821889.32  | 38.27824 (20011901) |            |            |             |
| 397344.68   | 3821890.02          | 37.26598   | (20011901) | 397320.15   |
| 3821890.72  | 37.79737 (20011901) |            |            |             |
| 397295.62   | 3821891.43          | 36.90010   | (20011901) | 397271.09   |
| 3821892.13  | 34.73291 (20011901) |            |            |             |
| 397246.56   | 3821892.83          | 34.74119   | (19120307) | 397222.03   |
| 3821893.53  | 35.37509 (19120307) |            |            |             |
| 397197.50   | 3821894.24          | 36.56221   | (19120307) | 397172.97   |
| 3821894.94  | 38.53112 (19120307) |            |            |             |
| 397148.44   | 3821895.64          | 41.23378   | (19102404) | 397123.91   |
| 3821896.34  | 45.79366 (19102404) |            |            |             |
| 397099.38   | 3821897.05          | 48.04475   | (19102404) | 397074.85   |
| 3821897.75  | 50.06532 (19102404) |            |            |             |
| 397050.32   | 3821898.45          | 52.16707   | (19102404) | 397025.79   |
| 3821899.15  | 51.45677 (19102404) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397001.27  | 3821899.86 | 50.55452   | (17020108) | 396976.74 |
| 3821900.56 | 48.53250   | (17020108) |            |           |
| 396952.21  | 3821901.26 | 49.60264   | (20050804) | 396927.68 |
| 3821901.96 | 57.20824   | (20050804) |            |           |
| 396903.15  | 3821902.67 | 65.77976   | (20050804) | 396878.62 |
| 3821903.37 | 66.47626   | (20050804) |            |           |
| 396854.09  | 3821904.07 | 65.90243   | (20050804) | 396829.56 |
| 3821904.78 | 64.08173   | (20050804) |            |           |
| 396805.03  | 3821905.48 | 61.10975   | (20050804) | 396780.50 |
| 3821906.18 | 60.82252   | (19122108) |            |           |
| 396755.97  | 3821906.88 | 60.69600   | (19122108) | 396731.44 |
| 3821907.59 | 62.84538   | (20040704) |            |           |
| 396706.91  | 3821908.29 | 65.64200   | (20040704) | 396682.38 |
| 3821908.99 | 67.21880   | (20040704) |            |           |
| 396657.86  | 3821909.69 | 67.47545   | (20040704) | 396633.33 |
| 3821910.40 | 66.38810   | (20040704) |            |           |
| 396608.80  | 3821911.10 | 64.01317   | (20040704) | 396584.27 |
| 3821911.80 | 62.53434   | (20101624) |            |           |
| 396559.74  | 3821912.50 | 63.10265   | (20101624) | 396535.21 |
| 3821913.21 | 62.38983   | (20101624) |            |           |
| 396510.68  | 3821913.91 | 65.12929   | (17101505) | 396486.15 |
| 3821914.61 | 67.39695   | (17101505) |            |           |
| 396461.62  | 3821915.31 | 68.32026   | (17101505) | 396437.09 |
| 3821916.02 | 67.83455   | (17101505) |            |           |
| 396412.56  | 3821916.72 | 65.96230   | (17101505) | 396388.03 |
| 3821917.42 | 62.81037   | (17101505) |            |           |
| 396363.50  | 3821918.12 | 61.22749   | (19012724) | 396338.97 |
| 3821918.83 | 61.01127   | (19012724) |            |           |
| 396314.45  | 3821919.53 | 64.06657   | (19120405) | 396289.92 |
| 3821920.23 | 66.81874   | (19120405) |            |           |
| 396265.39  | 3821920.93 | 68.22321   | (19120405) | 396240.86 |
| 3821921.64 | 68.18451   | (19120405) |            |           |
| 396216.33  | 3821922.34 | 66.69829   | (19120405) | 396191.80 |
| 3821923.04 | 63.85166   | (19120405) |            |           |
| 396167.27  | 3821923.74 | 61.18222   | (18031907) | 396142.74 |
| 3821924.45 | 61.29311   | (18031907) |            |           |
| 396118.21  | 3821925.15 | 60.08280   | (18031907) | 396093.68 |
| 3821925.85 | 61.74789   | (17102307) |            |           |
| 396069.15  | 3821926.55 | 63.34538   | (17102307) | 396044.62 |
| 3821927.26 | 63.57445   | (17102307) |            |           |
| 396020.09  | 3821927.96 | 62.41469   | (17102307) | 395995.56 |
| 3821928.66 | 62.34347   | (16100904) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395971.03   | 3821929.36  | 64.05355   | (16100904) | 395946.51   |
| 3821930.07  | 64.36670    | (16100904) |            |             |
| 395921.98   | 3821930.77  | 63.25745   | (16100904) | 395897.45   |
| 3821931.47  | 60.79311    | (16100904) |            |             |
| 395872.92   | 3821932.17  | 57.12841   | (16100904) | 395848.39   |
| 3821932.88  | 56.87662    | (16122022) |            |             |
| 395823.86   | 3821933.58  | 55.92700   | (16122022) | 395799.33   |
| 3821934.28  | 53.76594    | (16122022) |            |             |
| 395774.80   | 3821934.99  | 54.54649   | (19112108) | 395750.27   |
| 3821935.69  | 60.08793    | (19112108) |            |             |
| 395725.74   | 3821936.39  | 64.71078   | (19112108) | 395701.21   |
| 3821937.09  | 68.12543    | (19112108) |            |             |
| 395676.68   | 3821937.80  | 70.10657   | (19112108) | 395652.15   |
| 3821938.50  | 70.51795    | (19112108) |            |             |
| 395627.62   | 3821939.20  | 69.32762   | (19112108) | 395603.10   |
| 3821939.90  | 66.61338    | (19112108) |            |             |
| 395578.57   | 3821940.61  | 62.54932   | (19112108) | 395554.04   |
| 3821941.31  | 57.39489    | (19112108) |            |             |
| 395529.51   | 3821942.01  | 59.92167   | (19062705) | 395504.98   |
| 3821942.71  | 63.04436    | (19062705) |            |             |
| 395480.45   | 3821943.42  | 64.81670   | (19062705) | 395455.92   |
| 3821944.12  | 65.11615    | (19062705) |            |             |
| 395431.39   | 3821944.82  | 63.91950   | (19062705) | 395406.86   |
| 3821945.52  | 66.16217    | (16122919) |            |             |
| 395382.33   | 3821946.23  | 67.95896   | (16122919) | 395357.80   |
| 3821946.93  | 68.20193    | (16122919) |            |             |
| 395333.27   | 3821947.63  | 66.87214   | (16122919) | 395308.74   |
| 3821948.33  | 68.94511    | (20112808) |            |             |
| 395284.21   | 3821949.04  | 70.73559   | (20112808) | 395259.69   |
| 3821949.74  | 70.90073    | (20112808) |            |             |
| 395235.16   | 3821950.44  | 69.42758   | (20112808) | 395210.63   |
| 3821951.14  | 66.41553    | (20112808) |            |             |
| 395186.10   | 3821951.85  | 62.06571   | (20112808) | 395161.57   |
| 3821952.55  | 57.48829    | (17031207) |            |             |
| 395137.04   | 3821953.25  | 56.21349   | (17031207) | 395112.51   |
| 3821953.95  | 58.01735    | (20022706) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 401140.42   | 3820774.17  | 27.27243   | (19110605) | 401121.36   |
| 3820789.56  | 27.27651    | (19110605) |            |             |
| 401102.30   | 3820804.95  | 26.42208   | (19110605) | 401083.24   |
| 3820820.34  | 25.22970    | (19110605) |            |             |
| 401064.17   | 3820835.73  | 23.67698   | (19110605) | 401045.11   |
| 3820851.12  | 23.83986    | (19113005) |            |             |
| 401026.05   | 3820866.51  | 23.88842   | (19113005) | 401006.98   |
| 3820881.90  | 23.62107    | (19113005) |            |             |
| 400987.92   | 3820897.29  | 22.38660   | (19113005) | 400968.86   |
| 3820912.68  | 20.82071    | (19113005) |            |             |
| 400949.79   | 3820928.07  | 21.73167   | (20102107) | 400930.73   |
| 3820943.46  | 22.49575    | (20102107) |            |             |
| 400911.67   | 3820958.85  | 21.65435   | (20102107) | 400892.60   |
| 3820974.24  | 20.79278    | (20102107) |            |             |
| 400873.54   | 3820989.63  | 18.65995   | (20102107) | 400854.48   |
| 3821005.02  | 16.49187    | (20102107) |            |             |
| 400835.41   | 3821020.41  | 15.82771   | (19122403) | 400816.35   |
| 3821035.80  | 15.30561    | (19122403) |            |             |
| 400797.29   | 3821051.19  | 15.47306   | (19122403) | 400778.22   |
| 3821066.58  | 15.79852    | (19122403) |            |             |
| 400759.16   | 3821081.97  | 15.92455   | (19122403) | 400740.10   |
| 3821097.36  | 17.01839    | (19120303) |            |             |
| 400721.03   | 3821112.75  | 18.27092   | (19120303) | 400701.97   |
| 3821128.14  | 18.85648    | (19120303) |            |             |
| 400682.91   | 3821143.52  | 18.65409   | (19120303) | 400663.84   |
| 3821158.91  | 18.27786    | (19120303) |            |             |
| 400644.78   | 3821174.30  | 18.88413   | (16021306) | 400625.72   |
| 3821189.69  | 19.63845    | (16021306) |            |             |
| 400606.66   | 3821205.08  | 20.46572   | (16021306) | 400587.59   |
| 3821220.47  | 20.80765    | (16021306) |            |             |
| 400568.53   | 3821235.86  | 20.21012   | (16021306) | 400549.47   |
| 3821251.25  | 19.81993    | (16021306) |            |             |
| 400530.40   | 3821266.64  | 19.62734   | (20092906) | 400511.34   |
| 3821282.03  | 19.97170    | (20092906) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400492.28  | 3821297.42 | 20.01465   | (20092906) | 400473.21 |
| 3821312.81 | 19.64936   | (20092906) |            |           |
| 400454.15  | 3821328.20 | 18.86753   | (20092906) | 400435.09 |
| 3821343.59 | 17.63142   | (20092906) |            |           |
| 400416.02  | 3821358.98 | 16.47475   | (17030207) | 400396.96 |
| 3821374.37 | 15.87969   | (17030207) |            |           |
| 400377.90  | 3821389.76 | 15.01990   | (17030207) | 400358.83 |
| 3821405.15 | 14.53195   | (18122005) |            |           |
| 400339.77  | 3821420.54 | 14.88058   | (18122005) | 400320.71 |
| 3821435.93 | 15.34037   | (18122005) |            |           |
| 400301.64  | 3821451.32 | 15.76419   | (18122005) | 400282.58 |
| 3821466.71 | 16.29937   | (18122005) |            |           |
| 400263.52  | 3821482.10 | 17.30312   | (18122005) | 400244.45 |
| 3821497.49 | 16.84988   | (18122005) |            |           |
| 400225.39  | 3821512.87 | 16.45438   | (20102905) | 400206.33 |
| 3821528.26 | 16.77977   | (20102905) |            |           |
| 400187.26  | 3821543.65 | 17.87292   | (20102905) | 400168.20 |
| 3821559.04 | 18.99194   | (20102905) |            |           |
| 400149.14  | 3821574.43 | 19.71503   | (20102905) | 400130.08 |
| 3821589.82 | 20.08063   | (16111404) |            |           |
| 400111.01  | 3821605.21 | 19.74422   | (16111404) | 400091.95 |
| 3821620.60 | 18.84368   | (16111404) |            |           |
| 400072.89  | 3821635.99 | 17.89855   | (16111404) | 400053.82 |
| 3821651.38 | 17.67332   | (16111404) |            |           |
| 400034.76  | 3821666.77 | 18.10766   | (16111404) | 400015.70 |
| 3821682.16 | 18.37404   | (16021218) |            |           |
| 399996.63  | 3821697.55 | 18.46322   | (16021218) | 399977.57 |
| 3821712.94 | 18.33603   | (16021218) |            |           |
| 399958.51  | 3821728.33 | 18.08289   | (16021218) | 399939.44 |
| 3821743.72 | 18.37914   | (16122723) |            |           |
| 399920.38  | 3821759.11 | 18.82037   | (16122723) | 399901.32 |
| 3821774.50 | 17.16847   | (16122723) |            |           |
| 399882.25  | 3821789.89 | 15.27638   | (16122723) | 399863.19 |
| 3821805.28 | 14.39153   | (16122723) |            |           |
| 399844.13  | 3821820.67 | 13.93379   | (16122723) | 399825.06 |
| 3821836.06 | 13.37947   | (16122723) |            |           |
| 399806.00  | 3821851.45 | 13.33223   | (19100524) | 399786.94 |
| 3821866.84 | 13.47691   | (19100524) |            |           |
| 399767.87  | 3821882.22 | 13.50310   | (19100524) | 399748.81 |
| 3821897.61 | 13.60621   | (18111902) |            |           |
| 399729.75  | 3821913.00 | 14.22882   | (18111902) | 399710.68 |
| 3821928.39 | 14.87838   | (18111902) |            |           |
| 399691.62  | 3821943.78 | 15.31977   | (18111902) | 399672.56 |
| 3821959.17 | 15.60503   | (18111902) |            |           |
| 399653.50  | 3821974.56 | 15.21602   | (18111902) | 399634.43 |
| 3821989.95 | 13.90735   | (17100704) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399615.37   | 3822005.34  | 14.00470   | (17100704) | 399596.31   |
| 3822020.73  | 14.33483    | (17100704) |            |             |
| 399577.24   | 3822036.12  | 14.70031   | (17100704) | 399558.18   |
| 3822051.51  | 13.11616    | (17100704) |            |             |
| 399539.12   | 3822066.90  | 11.30027   | (19021201) | 399520.05   |
| 3822082.29  | 10.27472    | (20022007) |            |             |
| 399500.99   | 3822097.68  | 9.62362    | (20022007) | 399481.93   |
| 3822113.07  | 9.46332     | (20022007) |            |             |
| 399462.86   | 3822128.46  | 9.21113    | (20022007) | 399443.80   |
| 3822143.85  | 8.23141     | (20022007) |            |             |
| 399424.74   | 3822159.24  | 7.53605    | (20030605) | 399405.67   |
| 3822174.63  | 7.07356     | (18011407) |            |             |
| 399386.61   | 3822190.02  | 6.69476    | (18011407) | 399367.55   |
| 3822205.41  | 6.41754     | (18011407) |            |             |
| 399348.48   | 3822220.80  | 5.97522    | (18011407) | 399329.42   |
| 3822236.19  | 5.83211     | (19111306) |            |             |
| 399310.36   | 3822251.57  | 5.76300    | (19111306) | 399291.29   |
| 3822266.96  | 5.61330     | (19111306) |            |             |
| 399272.23   | 3822282.35  | 5.39127    | (19111306) | 399253.17   |
| 3822297.74  | 5.12675     | (19111306) |            |             |
| 399234.10   | 3822313.13  | 5.24833    | (16111908) | 399215.04   |
| 3822328.52  | 5.43649     | (16111908) |            |             |
| 399195.98   | 3822343.91  | 5.60879    | (16111908) | 399176.92   |
| 3822359.30  | 5.78012     | (16111908) |            |             |
| 399157.85   | 3822374.69  | 5.87010    | (16111908) | 399138.79   |
| 3822390.08  | 5.90586     | (16111908) |            |             |
| 399119.73   | 3822405.47  | 5.90173    | (16111908) | 399100.66   |
| 3822420.86  | 5.88976     | (16111908) |            |             |
| 399081.60   | 3822436.25  | 5.97970    | (16111908) | 399062.54   |
| 3822451.64  | 5.98025     | (16111908) |            |             |
| 399043.47   | 3822467.03  | 5.80063    | (16111908) | 399024.41   |
| 3822482.42  | 5.49687     | (16111908) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399005.35  | 3822497.81         | 5.27935 | (16111908) | 398986.28 |
| 3822513.20 | 5.14568 (16111908) |         |            |           |
| 398967.22  | 3822528.59         | 5.29706 | (20052506) | 398948.16 |
| 3822543.98 | 5.29375 (20052506) |         |            |           |
| 398929.09  | 3822559.37         | 5.34267 | (20052506) | 398910.03 |
| 3822574.76 | 5.48903 (20052506) |         |            |           |
| 398890.97  | 3822590.15         | 5.60205 | (20052506) | 398871.90 |
| 3822605.54 | 5.57033 (20052506) |         |            |           |
| 398852.84  | 3822620.92         | 5.42649 | (20052506) | 398833.78 |
| 3822636.31 | 5.24372 (20052506) |         |            |           |
| 398814.71  | 3822651.70         | 5.04770 | (20052506) | 398795.65 |
| 3822667.09 | 4.87901 (20052506) |         |            |           |
| 398776.59  | 3822682.48         | 4.69510 | (20052506) | 398757.52 |
| 3822697.87 | 4.50025 (20052506) |         |            |           |
| 398738.46  | 3822713.26         | 4.41581 | (19101607) | 398719.40 |
| 3822728.65 | 4.26183 (19101607) |         |            |           |
| 398700.34  | 3822744.04         | 4.11571 | (20100707) | 398681.27 |
| 3822759.43 | 4.00176 (20100707) |         |            |           |
| 398662.21  | 3822774.82         | 3.92518 | (20100707) | 398643.15 |
| 3822790.21 | 3.91002 (20101507) |         |            |           |
| 398624.08  | 3822805.60         | 3.95195 | (20101507) | 398605.02 |
| 3822820.99 | 3.96838 (20101507) |         |            |           |
| 398585.96  | 3822836.38         | 3.95967 | (20101507) | 398566.89 |
| 3822851.77 | 3.92788 (20101507) |         |            |           |
| 398547.83  | 3822867.16         | 3.87663 | (20101507) | 398528.77 |
| 3822882.55 | 3.80322 (20101507) |         |            |           |
| 398509.70  | 3822897.94         | 3.70552 | (20101507) | 398490.64 |
| 3822913.33 | 3.68157 (20042501) |         |            |           |
| 398471.58  | 3822928.72         | 3.66507 | (20042501) | 398452.51 |
| 3822944.11 | 3.62758 (20042501) |         |            |           |
| 398433.45  | 3822959.50         | 3.57312 | (20042501) | 398414.39 |
| 3822974.89 | 3.53114 (16022506) |         |            |           |
| 398395.32  | 3822990.27         | 3.54168 | (16022506) | 398376.26 |
| 3823005.66 | 3.53828 (16022506) |         |            |           |
| 398357.20  | 3823021.05         | 3.74555 | (20092907) | 398338.13 |
| 3823036.44 | 3.95401 (20092907) |         |            |           |
| 398319.07  | 3823051.83         | 4.14517 | (20092907) | 398300.01 |
| 3823067.22 | 4.32806 (20092907) |         |            |           |
| 398280.94  | 3823082.61         | 4.50091 | (20092907) | 398261.88 |
| 3823098.00 | 4.64627 (20092907) |         |            |           |
| 398242.82  | 3823113.39         | 4.77244 | (20092907) | 398199.27 |
| 3823129.48 | 4.97557 (20092907) |         |            |           |
| 398174.78  | 3823130.18         | 5.05516 | (20092907) | 398150.29 |
| 3823130.89 | 5.10519 (20092907) |         |            |           |
| 398125.80  | 3823131.59         | 5.12883 | (20092907) | 398101.31 |
| 3823132.29 | 5.12722 (20092907) |         |            |           |
| 398076.82  | 3823132.99         | 5.09769 | (20092907) | 398052.33 |
| 3823133.69 | 5.04052 (20092907) |         |            |           |



| X-COORD (M) | Y-COORD (M)        | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|---------|------------|-------------|
| 398027.84   | 3823134.39         | 4.95810 | (20092907) | 398003.35   |
| 3823135.09  | 4.84833 (20092907) |         |            |             |
| 397978.86   | 3823135.80         | 4.71445 | (20092907) | 397954.37   |
| 3823136.50  | 4.55922 (20092907) |         |            |             |
| 397929.88   | 3823137.20         | 4.38410 | (20092907) | 397905.39   |
| 3823137.90  | 4.37007 (18072606) |         |            |             |
| 397880.90   | 3823138.60         | 4.40944 | (18072606) | 397856.41   |
| 3823139.30  | 4.42954 (18072606) |         |            |             |
| 397831.92   | 3823140.00         | 4.42456 | (18072606) | 397807.43   |
| 3823140.71  | 4.38710 (18072606) |         |            |             |
| 397782.94   | 3823141.41         | 4.33489 | (18072606) | 397758.45   |
| 3823142.11  | 4.39498 (16092407) |         |            |             |
| 397733.96   | 3823142.81         | 4.53865 | (16092407) | 397709.47   |
| 3823143.51  | 4.67166 (16092407) |         |            |             |
| 397684.98   | 3823144.21         | 4.76761 | (16092407) | 397660.49   |
| 3823144.91  | 4.83879 (16092407) |         |            |             |
| 397636.00   | 3823145.62         | 4.89220 | (16092407) | 397611.51   |
| 3823146.32  | 4.91184 (16092407) |         |            |             |
| 397587.02   | 3823147.02         | 4.90165 | (16092407) | 397562.53   |
| 3823147.72  | 4.82537 (16092407) |         |            |             |
| 397538.04   | 3823148.42         | 4.77592 | (16092407) | 397513.55   |
| 3823149.12  | 4.82070 (20033007) |         |            |             |
| 397489.06   | 3823149.82         | 4.92641 | (16091607) | 397464.57   |
| 3823150.53  | 5.02318 (16091607) |         |            |             |
| 397440.08   | 3823151.23         | 5.10543 | (16091607) | 397415.59   |
| 3823151.93  | 5.17237 (16091607) |         |            |             |
| 397391.10   | 3823152.63         | 5.22325 | (16091607) | 397366.61   |
| 3823153.33  | 5.25742 (16091607) |         |            |             |
| 397342.12   | 3823154.03         | 5.35805 | (16112208) | 397317.63   |
| 3823154.73  | 5.51074 (16112208) |         |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 397293.14  | 3823155.44          | 5.70936  | (16112208) | 397268.65 |
| 3823156.14 | 5.93371 (16112208)  |          |            |           |
| 397244.16  | 3823156.84          | 5.96589  | (16112208) | 397219.67 |
| 3823157.54 | 6.07978 (16112208)  |          |            |           |
| 397195.18  | 3823158.24          | 6.14115  | (16112208) | 397170.69 |
| 3823158.94 | 6.10633 (16112208)  |          |            |           |
| 397146.20  | 3823159.64          | 6.09381  | (16112208) | 397121.71 |
| 3823160.35 | 6.03418 (16112208)  |          |            |           |
| 397097.22  | 3823161.05          | 6.04782  | (16112208) | 397072.73 |
| 3823161.75 | 6.10805 (16112208)  |          |            |           |
| 397048.24  | 3823162.45          | 5.99767  | (16112208) | 397023.75 |
| 3823163.15 | 5.84559 (16112208)  |          |            |           |
| 396999.26  | 3823163.85          | 5.70480  | (16021108) | 396974.77 |
| 3823164.55 | 5.65704 (16021108)  |          |            |           |
| 396950.28  | 3823165.26          | 5.92935  | (17062706) | 396925.79 |
| 3823165.96 | 6.22336 (17062706)  |          |            |           |
| 396901.30  | 3823166.66          | 6.50651  | (17062706) | 396876.81 |
| 3823167.36 | 6.74980 (17062706)  |          |            |           |
| 396852.32  | 3823168.06          | 6.97095  | (17062706) | 396827.83 |
| 3823168.76 | 7.19014 (17062706)  |          |            |           |
| 396803.34  | 3823169.46          | 7.31108  | (17062706) | 396778.85 |
| 3823170.17 | 7.25137 (17062706)  |          |            |           |
| 396754.36  | 3823170.87          | 7.14192  | (17062706) | 396729.87 |
| 3823171.57 | 7.10017 (17062706)  |          |            |           |
| 396705.38  | 3823172.27          | 7.12262  | (17062706) | 396680.89 |
| 3823172.97 | 7.47444 (19012724)  |          |            |           |
| 396656.40  | 3823173.67          | 7.74009  | (19012724) | 396631.91 |
| 3823174.37 | 7.73971 (19120405)  |          |            |           |
| 396607.42  | 3823175.08          | 8.28649  | (19120405) | 396582.93 |
| 3823175.78 | 8.93055 (19120405)  |          |            |           |
| 396558.44  | 3823176.48          | 9.51036  | (19120405) | 396533.96 |
| 3823177.18 | 10.00848 (19120405) |          |            |           |
| 396509.47  | 3823177.88          | 10.31624 | (19120405) | 396484.98 |
| 3823178.58 | 10.60880 (18031907) |          |            |           |
| 396460.49  | 3823179.28          | 10.75998 | (18031907) | 396436.00 |
| 3823179.99 | 10.66504 (18031907) |          |            |           |
| 396411.51  | 3823180.69          | 10.20694 | (18031907) | 396387.02 |
| 3823181.39 | 9.36287 (18031907)  |          |            |           |
| 396362.53  | 3823182.09          | 9.11911  | (17102307) | 396338.04 |
| 3823182.79 | 9.79883 (17102307)  |          |            |           |
| 396313.55  | 3823183.49          | 11.56011 | (17102307) | 396289.06 |
| 3823184.19 | 13.30960 (17102307) |          |            |           |
| 396264.57  | 3823184.90          | 13.91341 | (17102307) | 396240.08 |
| 3823185.60 | 14.59294 (16100904) |          |            |           |
| 396215.59  | 3823186.30          | 15.26697 | (16100904) | 396191.10 |
| 3823187.00 | 15.65671 (16100904) |          |            |           |
| 396166.61  | 3823187.70          | 15.69205 | (16100904) | 396142.12 |
| 3823188.40 | 15.58731 (16100904) |          |            |           |
| 396117.63  | 3823189.10          | 15.73329 | (16122022) | 396093.14 |
| 3823189.81 | 16.46166 (16122022) |          |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 520

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|             | X-COORD (M) | Y-COORD (M)         | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|----------|------------|-------------|
| Y-COORD (M) |             | CONC                |          | (YYMMDDHH) |             |
| 3823191.21  | 396068.65   | 3823190.51          | 17.12024 | (16122022) | 396044.16   |
|             |             | 17.75348 (16122022) |          |            |             |
| 3823192.61  | 396019.67   | 3823191.91          | 17.91917 | (16122022) | 395995.18   |
|             |             | 18.41511 (17122205) |          |            |             |
| 3823194.01  | 395970.69   | 3823193.31          | 19.74514 | (17122205) | 395946.20   |
|             |             | 20.94791 (17122205) |          |            |             |
| 3823195.42  | 395921.71   | 3823194.72          | 21.82007 | (19112108) | 395897.22   |
|             |             | 21.90264 (19112108) |          |            |             |
| 3823196.82  | 395872.73   | 3823196.12          | 22.65609 | (19112108) | 395848.24   |
|             |             | 24.63977 (19112108) |          |            |             |
| 3823198.22  | 395823.75   | 3823197.52          | 26.05336 | (19112108) | 395799.26   |
|             |             | 28.56857 (19112108) |          |            |             |
| 3823199.63  | 395774.77   | 3823198.92          | 28.00747 | (19112108) | 395750.28   |
|             |             | 27.24194 (19112108) |          |            |             |
| 3823201.03  | 395725.79   | 3823200.33          | 27.19385 | (20011518) | 395701.30   |
|             |             | 27.36926 (20011518) |          |            |             |
| 3823202.43  | 395676.81   | 3823201.73          | 26.84090 | (16012707) | 395652.32   |
|             |             | 28.49635 (16012707) |          |            |             |
| 3823203.83  | 395627.83   | 3823203.13          | 30.50078 | (16012707) | 395603.34   |
|             |             | 32.11052 (16012707) |          |            |             |
| 3823205.24  | 395578.85   | 3823204.54          | 34.34921 | (16012707) | 395554.36   |
|             |             | 35.92146 (16012707) |          |            |             |
| 3823206.64  | 395529.87   | 3823205.94          | 36.47512 | (16122919) | 395505.38   |
|             |             | 37.04926 (16122919) |          |            |             |
| 3823208.04  | 395480.89   | 3823207.34          | 37.18179 | (16122919) | 395456.40   |
|             |             | 36.55290 (16122919) |          |            |             |
| 3823209.45  | 395431.91   | 3823208.74          | 35.41601 | (16122919) | 395407.42   |
|             |             | 36.48240 (20112808) |          |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3823210.85 | 395382.93 | 3823210.15 | 38.71318   | (20112808) | 395358.44 |
|            |           | 39.57472   | (20112808) |            |           |
|            | 395333.95 | 3823211.55 | 39.76263   | (20112808) | 395309.46 |
| 3823212.25 |           | 38.93585   | (20112808) |            |           |
|            | 395284.97 | 3823212.95 | 37.15997   | (20112808) | 395260.48 |
| 3823213.65 |           | 35.36072   | (20112808) |            |           |
|            | 395235.99 | 3823214.36 | 35.39552   | (17031207) | 395211.50 |
| 3823215.06 |           | 35.67788   | (17031207) |            |           |
|            | 395187.01 | 3823215.76 | 35.33788   | (20022706) | 395162.52 |
| 3823216.46 |           | 36.70757   | (20022706) |            |           |
|            | 395138.03 | 3823217.16 | 37.72078   | (20022706) | 395113.54 |
| 3823217.86 |           | 38.87021   | (20022706) |            |           |
|            | 395089.05 | 3823218.56 | 41.13497   | (18020224) | 395064.56 |
| 3823219.27 |           | 44.57106   | (18020224) |            |           |
|            | 395040.07 | 3823219.97 | 46.97262   | (18020224) | 395015.58 |
| 3823220.67 |           | 48.72812   | (18020224) |            |           |
|            | 394991.09 | 3823221.37 | 49.71742   | (18020224) | 394966.60 |
| 3823222.07 |           | 49.43687   | (18020224) |            |           |
|            | 394942.11 | 3823222.77 | 48.00148   | (18020224) | 394917.62 |
| 3823223.47 |           | 49.64627   | (19102022) |            |           |
|            | 394893.13 | 3823224.17 | 51.22217   | (19102022) | 394868.64 |
| 3823224.88 |           | 52.17967   | (19102022) |            |           |
|            | 394844.16 | 3823225.58 | 52.05282   | (19102022) | 394819.67 |
| 3823226.28 |           | 50.64769   | (19102022) |            |           |
|            | 394795.18 | 3823226.98 | 48.15246   | (19102022) | 394770.69 |
| 3823227.68 |           | 45.00579   | (19102022) |            |           |
|            | 394746.20 | 3823228.38 | 42.34520   | (19102022) | 394721.71 |
| 3823229.08 |           | 41.00730   | (17113008) |            |           |
|            | 394697.22 | 3823229.79 | 42.76657   | (17113008) | 394672.73 |
| 3823230.49 |           | 43.88989   | (17113008) |            |           |
|            | 394648.24 | 3823231.19 | 44.65446   | (16060402) | 394623.75 |
| 3823231.89 |           | 47.68651   | (16060402) |            |           |
|            | 394599.26 | 3823232.59 | 50.02874   | (16060402) | 394574.77 |
| 3823233.29 |           | 52.12411   | (16060402) |            |           |
|            | 394550.28 | 3823233.99 | 53.94582   | (16060402) | 394525.79 |
| 3823234.70 |           | 54.46794   | (16060402) |            |           |
|            | 394501.30 | 3823235.40 | 54.02001   | (16060402) | 394476.81 |
| 3823236.10 |           | 52.72860   | (16060402) |            |           |
|            | 394452.32 | 3823236.80 | 53.01916   | (18010220) | 394427.83 |
| 3823237.50 |           | 54.18062   | (18010220) |            |           |
|            | 394403.34 | 3823238.20 | 54.49438   | (18010220) | 394378.85 |
| 3823238.90 |           | 53.94723   | (18010220) |            |           |
|            | 394354.36 | 3823239.61 | 52.56647   | (18010220) | 394329.87 |
| 3823240.31 |           | 52.98695   | (16050324) |            |           |
|            | 394305.38 | 3823241.01 | 54.05259   | (16050324) | 394280.89 |
| 3823241.71 |           | 54.27616   | (16050324) |            |           |
|            | 394256.40 | 3823242.41 | 53.64903   | (16050324) | 394231.91 |
| 3823243.11 |           | 52.20233   | (16050324) |            |           |
|            | 394207.42 | 3823243.81 | 53.12032   | (17010802) | 394182.93 |
| 3823244.52 |           | 54.11017   | (17010802) |            |           |

394158.44 3823245.22 54.26245 (17010802) 394133.95  
 3823245.92 53.57205 (17010802)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 521

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394109.46   | 3823246.62  | 52.07300   | (17010802) | 394084.97   |
| 3823247.32  | 52.98506    | (19120218) |            |             |
| 401464.50   | 3820512.55  | 34.02753   | (17102404) | 401477.70   |
| 3820491.79  | 34.04518    | (17102404) |            |             |
| 402570.51   | 3821243.41  | 17.62076   | (16122824) | 402551.38   |
| 3821258.86  | 17.12264    | (16122824) |            |             |
| 402532.24   | 3821274.31  | 17.16222   | (20031203) | 402513.10   |
| 3821289.76  | 17.29395    | (20031203) |            |             |
| 402493.97   | 3821305.21  | 17.29973   | (20031203) | 402474.83   |
| 3821320.66  | 17.26912    | (20031203) |            |             |
| 402455.69   | 3821336.11  | 16.96677   | (20031203) | 402436.56   |
| 3821351.55  | 16.72389    | (20031203) |            |             |
| 402417.42   | 3821367.00  | 16.21591   | (20031203) | 402398.29   |
| 3821382.45  | 15.42719    | (19020806) |            |             |
| 402379.15   | 3821397.90  | 15.01809   | (19020806) | 402360.01   |
| 3821413.35  | 14.54699    | (19020806) |            |             |
| 402340.88   | 3821428.80  | 14.24844   | (19020806) | 402321.74   |
| 3821444.25  | 13.92365    | (19020806) |            |             |
| 402302.60   | 3821459.69  | 13.68345   | (19020806) | 402283.47   |
| 3821475.14  | 12.93794    | (19020806) |            |             |
| 402264.33   | 3821490.59  | 12.10637   | (19020806) | 402245.19   |
| 3821506.04  | 11.66726    | (19110605) |            |             |
| 402226.06   | 3821521.49  | 11.52422   | (19110605) | 402206.92   |
| 3821536.94  | 11.25719    | (19110605) |            |             |
| 402187.79   | 3821552.39  | 10.93849   | (19110605) | 402168.65   |
| 3821567.83  | 10.54109    | (19110605) |            |             |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 402149.51  | 3821583.28         | 10.03715 | (19110605) | 402130.38 |
| 3821598.73 | 9.75116 (19113005) |          |            |           |
| 402111.24  | 3821614.18         | 9.78974  | (19113005) | 402092.10 |
| 3821629.63 | 9.54883 (19113005) |          |            |           |
| 402072.97  | 3821645.08         | 9.38187  | (19113005) | 402053.83 |
| 3821660.53 | 9.41989 (19113005) |          |            |           |
| 402034.70  | 3821675.97         | 9.21435  | (19113005) | 402015.56 |
| 3821691.42 | 8.56761 (19113005) |          |            |           |
| 401996.42  | 3821706.87         | 8.06816  | (20102107) | 401977.29 |
| 3821722.32 | 7.85365 (20102107) |          |            |           |
| 401958.15  | 3821737.77         | 7.71552  | (20102107) | 401939.01 |
| 3821753.22 | 7.78944 (20102107) |          |            |           |
| 401919.88  | 3821768.67         | 7.64851  | (20102107) | 401900.74 |
| 3821784.12 | 6.91457 (20102107) |          |            |           |
| 401881.60  | 3821799.56         | 6.62202  | (19122403) | 401862.47 |
| 3821815.01 | 6.49683 (19122403) |          |            |           |
| 401843.33  | 3821830.46         | 6.19727  | (18012702) | 401824.20 |
| 3821845.91 | 5.67401 (18012702) |          |            |           |
| 401805.06  | 3821861.36         | 5.36452  | (18092207) | 401785.92 |
| 3821876.81 | 5.42935 (18092207) |          |            |           |
| 401766.79  | 3821892.26         | 5.48161  | (18092207) | 401747.65 |
| 3821907.70 | 5.52110 (18092207) |          |            |           |
| 401728.51  | 3821923.15         | 5.54732  | (18092207) | 401709.38 |
| 3821938.60 | 5.56008 (18092207) |          |            |           |
| 401690.24  | 3821954.05         | 5.55922  | (18092207) | 401671.10 |
| 3821969.50 | 5.62717 (19120303) |          |            |           |
| 401651.97  | 3821984.95         | 5.99419  | (19120303) | 401632.83 |
| 3822000.40 | 7.14459 (16021306) |          |            |           |
| 401613.70  | 3822015.84         | 8.24314  | (16021306) | 401594.56 |
| 3822031.29 | 9.31635 (16021306) |          |            |           |
| 401575.42  | 3822046.74         | 9.94198  | (16021306) | 401556.29 |
| 3822062.19 | 9.60561 (16021306) |          |            |           |
| 401537.15  | 3822077.64         | 8.84566  | (16021306) | 401518.01 |
| 3822093.09 | 8.28865 (16021306) |          |            |           |
| 401498.88  | 3822108.54         | 8.38179  | (20092906) | 401479.74 |
| 3822123.98 | 8.40732 (20092906) |          |            |           |
| 401460.61  | 3822139.43         | 8.42754  | (20092906) | 401441.47 |
| 3822154.88 | 8.39387 (20092906) |          |            |           |
| 401422.33  | 3822170.33         | 8.20906  | (20092906) | 401403.20 |
| 3822185.78 | 8.15564 (20092906) |          |            |           |
| 401384.06  | 3822201.23         | 8.31439  | (17030207) | 401364.92 |
| 3822216.68 | 8.86189 (17030207) |          |            |           |
| 401345.79  | 3822232.13         | 9.10304  | (17030207) | 401326.65 |
| 3822247.57 | 8.76221 (17030207) |          |            |           |
| 401307.51  | 3822263.02         | 8.28161  | (17030207) | 401288.38 |
| 3822278.47 | 8.26839 (18122005) |          |            |           |
| 401269.24  | 3822293.92         | 8.33902  | (18122005) | 401250.11 |
| 3822309.37 | 8.34676 (18122005) |          |            |           |
| 401230.97  | 3822324.82         | 8.31835  | (18122005) | 401211.83 |
| 3822340.27 | 8.40210 (18122005) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 401192.70  | 3822355.71 | 8.28058    | (18122005) | 401173.56 |
| 3822371.16 | 7.94103    | (18122005) |            |           |
| 401154.42  | 3822386.61 | 7.71107    | (20102905) | 401135.29 |
| 3822402.06 | 7.73898    | (20102905) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 522

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 401116.15   | 3822417.51  | 7.69940    | (20102905) | 401097.01   |
| 3822432.96  | 7.54352     | (20102905) |            |             |
| 401077.88   | 3822448.41  | 7.22939    | (20102905) | 401058.74   |
| 3822463.85  | 6.93798     | (20102905) |            |             |
| 401039.61   | 3822479.30  | 6.70970    | (16111404) | 401020.47   |
| 3822494.75  | 6.64937     | (16111404) |            |             |
| 401001.33   | 3822510.20  | 6.62305    | (16111404) | 400982.20   |
| 3822525.65  | 6.48857     | (16111404) |            |             |
| 400963.06   | 3822541.10  | 6.08396    | (16111404) | 400943.92   |
| 3822556.55  | 5.47291     | (16111404) |            |             |
| 400924.79   | 3822572.00  | 5.16113    | (18012404) | 400905.65   |
| 3822587.44  | 5.05737     | (18012404) |            |             |
| 400886.52   | 3822602.89  | 4.91363    | (19092207) | 400867.38   |
| 3822618.34  | 5.06275     | (19092207) |            |             |
| 400848.24   | 3822633.79  | 5.05122    | (19092207) | 400829.11   |
| 3822649.24  | 5.05793     | (19092207) |            |             |
| 400809.97   | 3822664.69  | 5.12468    | (19092207) | 400790.83   |
| 3822680.14  | 5.21407     | (19092207) |            |             |
| 400771.70   | 3822695.58  | 5.29509    | (19092207) | 400752.56   |
| 3822711.03  | 5.38381     | (19092207) |            |             |
| 400733.42   | 3822726.48  | 5.46929    | (19092207) | 400714.29   |
| 3822741.93  | 5.53035     | (19092207) |            |             |
| 400695.15   | 3822757.38  | 5.57303    | (19092207) | 400676.02   |
| 3822772.83  | 5.52125     | (19092207) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 400656.88  | 3822788.28         | 5.36752 | (19092207) | 400637.74 |
| 3822803.72 | 5.15789 (19092207) |         |            |           |
| 400618.61  | 3822819.17         | 4.92414 | (19092207) | 400599.47 |
| 3822834.62 | 4.89944 (17021508) |         |            |           |
| 400580.33  | 3822850.07         | 4.92631 | (17021508) | 400561.20 |
| 3822865.52 | 4.97392 (17021508) |         |            |           |
| 400542.06  | 3822880.97         | 5.02221 | (17021508) | 400522.92 |
| 3822896.42 | 5.03794 (17021508) |         |            |           |
| 400503.79  | 3822911.86         | 5.00870 | (17021508) | 400484.65 |
| 3822927.31 | 4.96154 (17021508) |         |            |           |
| 400465.52  | 3822942.76         | 4.95701 | (17021508) | 400446.38 |
| 3822958.21 | 5.02346 (18112608) |         |            |           |
| 400427.24  | 3822973.66         | 5.04582 | (18112608) | 400408.11 |
| 3822989.11 | 5.07281 (18112608) |         |            |           |
| 400388.97  | 3823004.56         | 5.05202 | (18112608) | 400369.83 |
| 3823020.01 | 4.90068 (18112608) |         |            |           |
| 400350.70  | 3823035.45         | 4.66345 | (18112608) | 400331.56 |
| 3823050.90 | 4.47849 (18112608) |         |            |           |
| 400312.43  | 3823066.35         | 4.32677 | (18112608) | 400293.29 |
| 3823081.80 | 4.12845 (18112608) |         |            |           |
| 400274.15  | 3823097.25         | 3.92638 | (18112608) | 400255.02 |
| 3823112.70 | 3.72139 (19032507) |         |            |           |
| 400235.88  | 3823128.15         | 3.63186 | (19032507) | 400216.74 |
| 3823143.59 | 3.54814 (18011508) |         |            |           |
| 400197.61  | 3823159.04         | 3.53536 | (18011508) | 400178.47 |
| 3823174.49 | 3.50795 (18011508) |         |            |           |
| 400159.33  | 3823189.94         | 3.53346 | (18011508) | 400140.20 |
| 3823205.39 | 3.50558 (18011508) |         |            |           |
| 400121.06  | 3823220.84         | 3.36443 | (18011508) | 400101.93 |
| 3823236.29 | 3.17822 (18011508) |         |            |           |
| 400082.79  | 3823251.73         | 3.00277 | (18011508) | 400063.65 |
| 3823267.18 | 2.87865 (17030821) |         |            |           |
| 400044.52  | 3823282.63         | 2.82572 | (17030821) | 400025.38 |
| 3823298.08 | 2.75365 (17030821) |         |            |           |
| 400006.24  | 3823313.53         | 2.72248 | (16111908) | 399987.11 |
| 3823328.98 | 2.79027 (16111908) |         |            |           |
| 399967.97  | 3823344.43         | 2.85026 | (16111908) | 399948.83 |
| 3823359.87 | 2.90099 (16111908) |         |            |           |
| 399929.70  | 3823375.32         | 2.96655 | (16111908) | 399910.56 |
| 3823390.77 | 3.03121 (16111908) |         |            |           |
| 399891.43  | 3823406.22         | 3.11119 | (16111908) | 399872.29 |
| 3823421.67 | 3.22836 (16111908) |         |            |           |
| 399853.15  | 3823437.12         | 3.33559 | (16111908) | 399834.02 |
| 3823452.57 | 3.39489 (16111908) |         |            |           |
| 399814.88  | 3823468.02         | 3.48918 | (16111908) | 399795.74 |
| 3823483.46 | 3.62086 (16111908) |         |            |           |
| 399776.61  | 3823498.91         | 3.82757 | (16111908) | 399757.47 |
| 3823514.36 | 4.12391 (16111908) |         |            |           |
| 399738.34  | 3823529.81         | 4.27564 | (16111908) | 399719.20 |
| 3823545.26 | 4.13292 (16111908) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399700.06  | 3823560.71         | 3.79185 | (16111908) | 399680.93 |
| 3823576.16 | 3.71611 (20052506) |         |            |           |
| 399661.79  | 3823591.60         | 3.78130 | (20052506) | 399642.65 |
| 3823607.05 | 3.86005 (20052506) |         |            |           |
| 399623.52  | 3823622.50         | 3.92648 | (20052506) | 399604.38 |
| 3823637.95 | 3.94979 (20052506) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 523

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 399585.24   | 3823653.40         | 3.87913    | (20052506) | 399566.11   |
| 3823668.85  | 3.76874 (20052506) |            |            |             |
| 399546.97   | 3823684.30         | 3.69305    | (20052506) | 399527.84   |
| 3823699.74  | 3.59963 (20052506) |            |            |             |
| 399508.70   | 3823715.19         | 3.53024    | (20052506) | 399489.56   |
| 3823730.64  | 3.45444 (20052506) |            |            |             |
| 399470.43   | 3823746.09         | 3.31450    | (20052506) | 399451.29   |
| 3823761.54  | 3.15356 (20052506) |            |            |             |
| 399432.15   | 3823776.99         | 3.01109    | (20052506) | 399413.02   |
| 3823792.44  | 2.92839 (19101607) |            |            |             |
| 399393.88   | 3823807.89         | 2.86448    | (19101607) | 399374.74   |
| 3823823.33  | 2.83094 (20100707) |            |            |             |
| 399355.61   | 3823838.78         | 2.84737    | (20100707) | 399336.47   |
| 3823854.23  | 2.84609 (20100707) |            |            |             |
| 399317.34   | 3823869.68         | 2.81547    | (20100707) | 399298.20   |
| 3823885.13  | 2.78616 (20101507) |            |            |             |
| 399279.06   | 3823900.58         | 2.84958    | (20101507) | 399259.93   |
| 3823916.03  | 2.89112 (20101507) |            |            |             |
| 399240.79   | 3823931.47         | 2.88199    | (20101507) | 399221.65   |
| 3823946.92  | 2.86655 (20101507) |            |            |             |
| 399202.52   | 3823962.37         | 2.86664    | (20101507) | 399183.38   |
| 3823977.82  | 2.85453 (20101507) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399164.25  | 3823993.27         | 2.83376 | (20101507) | 399145.11 |
| 3824008.72 | 2.82770 (20101507) |         |            |           |
| 399125.97  | 3824024.17         | 2.79598 | (20042501) | 399106.84 |
| 3824039.61 | 2.80075 (20042501) |         |            |           |
| 399087.70  | 3824055.06         | 2.79088 | (20042501) | 399068.56 |
| 3824070.51 | 2.71890 (20042501) |         |            |           |
| 399049.43  | 3824085.96         | 2.63577 | (20042501) | 399030.29 |
| 3824101.41 | 2.57013 (20042501) |         |            |           |
| 399011.15  | 3824116.86         | 2.58852 | (16022506) | 398992.02 |
| 3824132.31 | 2.59855 (16022506) |         |            |           |
| 398972.88  | 3824147.75         | 2.62435 | (20092907) | 398953.75 |
| 3824163.20 | 2.75769 (20092907) |         |            |           |
| 398934.61  | 3824178.65         | 2.88668 | (20092907) | 398915.47 |
| 3824194.10 | 2.97552 (20092907) |         |            |           |
| 398896.34  | 3824209.55         | 3.07996 | (20092907) | 398877.20 |
| 3824225.00 | 3.16781 (20092907) |         |            |           |
| 398858.06  | 3824240.45         | 3.23796 | (20092907) | 398838.93 |
| 3824255.90 | 3.27746 (20092907) |         |            |           |
| 398819.79  | 3824271.34         | 3.33557 | (20092907) | 398800.65 |
| 3824286.79 | 3.33895 (20092907) |         |            |           |
| 398781.52  | 3824302.24         | 3.31181 | (20092907) | 398762.38 |
| 3824317.69 | 3.29020 (20092907) |         |            |           |
| 398743.25  | 3824333.14         | 3.27643 | (20092907) | 398724.11 |
| 3824348.59 | 3.23949 (20092907) |         |            |           |
| 398704.97  | 3824364.04         | 3.17542 | (20092907) | 398661.25 |
| 3824380.19 | 3.06825 (20092907) |         |            |           |
| 398636.67  | 3824380.89         | 3.02655 | (20092907) | 398612.09 |
| 3824381.60 | 2.97288 (20092907) |         |            |           |
| 398587.50  | 3824382.30         | 2.93687 | (20092907) | 398562.92 |
| 3824383.00 | 2.86424 (20092907) |         |            |           |
| 398538.33  | 3824383.71         | 2.78006 | (20092907) | 398513.75 |
| 3824384.41 | 2.68151 (20092907) |         |            |           |
| 398489.17  | 3824385.12         | 2.58790 | (18072606) | 398464.58 |
| 3824385.82 | 2.67843 (19092507) |         |            |           |
| 398440.00  | 3824386.53         | 2.76696 | (19092507) | 398415.42 |
| 3824387.23 | 2.85310 (19092507) |         |            |           |
| 398390.83  | 3824387.93         | 2.93514 | (19092507) | 398366.25 |
| 3824388.64 | 3.01213 (19092507) |         |            |           |
| 398341.66  | 3824389.34         | 3.08422 | (19092507) | 398317.08 |
| 3824390.05 | 3.15113 (19092507) |         |            |           |
| 398292.50  | 3824390.75         | 3.21242 | (19092507) | 398267.91 |
| 3824391.45 | 3.26789 (19092507) |         |            |           |
| 398243.33  | 3824392.16         | 3.31675 | (19092507) | 398218.74 |
| 3824392.86 | 3.35827 (19092507) |         |            |           |
| 398194.16  | 3824393.57         | 3.39248 | (19092507) | 398169.58 |
| 3824394.27 | 3.47362 (16091607) |         |            |           |
| 398144.99  | 3824394.97         | 3.60122 | (16091607) | 398120.41 |
| 3824395.68 | 3.72500 (16091607) |         |            |           |
| 398095.83  | 3824396.38         | 3.84417 | (16091607) | 398071.24 |
| 3824397.09 | 3.95806 (16091607) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398046.66  | 3824397.79 | 4.06581    | (16091607) | 398022.07 |
| 3824398.50 | 4.16685    | (16091607) |            |           |
| 397997.49  | 3824399.20 | 4.26054    | (16091607) | 397972.91 |
| 3824399.90 | 4.34604    | (16091607) |            |           |
| 397948.32  | 3824400.61 | 4.42275    | (16091607) | 397923.74 |
| 3824401.31 | 4.48987    | (16091607) |            |           |
| 397899.16  | 3824402.02 | 4.54673    | (16091607) | 397874.57 |
| 3824402.72 | 4.59347    | (16091607) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 524

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 397849.99   | 3824403.42  | 4.62974    | (16091607) | 397825.40   |
| 3824404.13  | 4.65503     | (16091607) |            |             |
| 397800.82   | 3824404.83  | 4.66881    | (16091607) | 397776.24   |
| 3824405.54  | 4.67121     | (16091607) |            |             |
| 397751.65   | 3824406.24  | 4.66237    | (16091607) | 397727.07   |
| 3824406.94  | 4.64214     | (16091607) |            |             |
| 397702.48   | 3824407.65  | 4.61053    | (16091607) | 397677.90   |
| 3824408.35  | 4.56735     | (16091607) |            |             |
| 397653.32   | 3824409.06  | 4.51392    | (16091607) | 397628.73   |
| 3824409.76  | 4.68992     | (16112208) |            |             |
| 397604.15   | 3824410.47  | 4.71616    | (16112208) | 397579.57   |
| 3824411.17  | 4.61106     | (16112208) |            |             |
| 397554.98   | 3824411.87  | 4.53693    | (16112208) | 397530.40   |
| 3824412.58  | 4.44789     | (16112208) |            |             |
| 397505.81   | 3824413.28  | 4.34204    | (16112208) | 397481.23   |
| 3824413.99  | 4.23923     | (16112208) |            |             |
| 397456.65   | 3824414.69  | 4.13735    | (16112208) | 397432.06   |
| 3824415.39  | 4.04250     | (16112208) |            |             |
| 397407.48   | 3824416.10  | 3.95408    | (16112208) | 397382.90   |
| 3824416.80  | 3.91515     | (16021108) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 397358.31  | 3824417.51         | 3.90083 | (17062706) | 397333.73 |
| 3824418.21 | 4.04903 (17062706) |         |            |           |
| 397309.14  | 3824418.91         | 4.17087 | (17062706) | 397284.56 |
| 3824419.62 | 4.26159 (17062706) |         |            |           |
| 397259.98  | 3824420.32         | 4.33799 | (17062706) | 397235.39 |
| 3824421.03 | 4.39988 (17062706) |         |            |           |
| 397210.81  | 3824421.73         | 4.47149 | (17062706) | 397186.22 |
| 3824422.44 | 4.60054 (17062706) |         |            |           |
| 397161.64  | 3824423.14         | 4.67573 | (17062706) | 397137.06 |
| 3824423.84 | 4.72569 (17062706) |         |            |           |
| 397112.47  | 3824424.55         | 4.76918 | (17062706) | 397087.89 |
| 3824425.25 | 4.76643 (17062706) |         |            |           |
| 397063.31  | 3824425.96         | 4.72054 | (17062706) | 397038.72 |
| 3824426.66 | 4.64838 (17062706) |         |            |           |
| 397014.14  | 3824427.36         | 4.62301 | (20032807) | 396989.55 |
| 3824428.07 | 4.62640 (20032807) |         |            |           |
| 396964.97  | 3824428.77         | 4.60615 | (20032807) | 396940.39 |
| 3824429.48 | 4.56498 (20032807) |         |            |           |
| 396915.80  | 3824430.18         | 4.49840 | (20032807) | 396891.22 |
| 3824430.88 | 4.39608 (20032807) |         |            |           |
| 396866.64  | 3824431.59         | 4.44988 | (16092307) | 396842.05 |
| 3824432.29 | 4.51058 (16092307) |         |            |           |
| 396817.47  | 3824433.00         | 4.53668 | (16092307) | 396792.88 |
| 3824433.70 | 4.53437 (16092307) |         |            |           |
| 396768.30  | 3824434.41         | 4.48864 | (16092307) | 396743.72 |
| 3824435.11 | 4.39632 (16092307) |         |            |           |
| 396719.13  | 3824435.81         | 4.30342 | (16092307) | 396694.55 |
| 3824436.52 | 4.22928 (16092307) |         |            |           |
| 396669.96  | 3824437.22         | 4.16678 | (16092307) | 396645.38 |
| 3824437.93 | 4.09501 (16092307) |         |            |           |
| 396620.80  | 3824438.63         | 4.01148 | (16092307) | 396596.21 |
| 3824439.33 | 4.06750 (18092707) |         |            |           |
| 396571.63  | 3824440.04         | 4.23480 | (18092707) | 396547.05 |
| 3824440.74 | 4.40132 (18092707) |         |            |           |
| 396522.46  | 3824441.45         | 4.50374 | (18092707) | 396497.88 |
| 3824442.15 | 4.65160 (18092707) |         |            |           |
| 396473.29  | 3824442.85         | 4.79015 | (18092707) | 396448.71 |
| 3824443.56 | 4.82987 (18092707) |         |            |           |
| 396424.13  | 3824444.26         | 4.80468 | (18092707) | 396399.54 |
| 3824444.97 | 4.75673 (18092707) |         |            |           |
| 396374.96  | 3824445.67         | 4.73201 | (18092707) | 396350.38 |
| 3824446.38 | 4.72283 (18092707) |         |            |           |
| 396325.79  | 3824447.08         | 4.66523 | (18092707) | 396301.21 |
| 3824447.78 | 4.55925 (18092707) |         |            |           |
| 396276.62  | 3824448.49         | 4.43464 | (18092707) | 396252.04 |
| 3824449.19 | 4.26753 (18092707) |         |            |           |
| 396227.46  | 3824449.90         | 4.07951 | (18092707) | 396202.87 |
| 3824450.60 | 3.89602 (18092707) |         |            |           |
| 396178.29  | 3824451.30         | 3.84305 | (19120621) | 396153.70 |
| 3824452.01 | 3.94406 (19120621) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 396129.12  | 3824452.71         | 4.14888 | (20060906) | 396104.54 |
| 3824453.42 | 4.33307 (18092907) |         |            |           |
| 396079.95  | 3824454.12         | 4.47860 | (18092907) | 396055.37 |
| 3824454.82 | 4.53709 (18092907) |         |            |           |
| 396030.79  | 3824455.53         | 4.66540 | (18092907) | 396006.20 |
| 3824456.23 | 4.83967 (18092907) |         |            |           |
| 395981.62  | 3824456.94         | 4.99283 | (18092907) | 395957.03 |
| 3824457.64 | 5.12701 (18092907) |         |            |           |
| 395932.45  | 3824458.35         | 5.25168 | (18092907) | 395907.87 |
| 3824459.05 | 5.34657 (18092907) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 525

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 395883.28   | 3824459.75         | 5.40144    | (18092907) | 395858.70   |
| 3824460.46  | 5.44072 (18092907) |            |            |             |
| 395834.12   | 3824461.16         | 5.48345    | (18092907) | 395809.53   |
| 3824461.87  | 5.46834 (18092907) |            |            |             |
| 395784.95   | 3824462.57         | 5.42527    | (18092907) | 395760.36   |
| 3824463.27  | 5.36008 (18092907) |            |            |             |
| 395735.78   | 3824463.98         | 5.27057    | (18092907) | 395711.20   |
| 3824464.68  | 5.15359 (18092907) |            |            |             |
| 395686.61   | 3824465.39         | 5.01229    | (18092907) | 395662.03   |
| 3824466.09  | 5.11645 (16112508) |            |            |             |
| 395637.45   | 3824466.79         | 5.23193    | (16112508) | 395612.86   |
| 3824467.50  | 5.31882 (16112508) |            |            |             |
| 395588.28   | 3824468.20         | 5.37211    | (16112508) | 395563.69   |
| 3824468.91  | 5.38109 (16112508) |            |            |             |
| 395539.11   | 3824469.61         | 5.37812    | (16112508) | 395514.53   |
| 3824470.32  | 5.36229 (16112508) |            |            |             |
| 395489.94   | 3824471.02         | 5.30294    | (16112508) | 395465.36   |
| 3824471.72  | 5.35828 (20112808) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3824473.13 | 395440.77 | 3824472.43 | 5.48590    | (20112808) | 395416.19 |
|            |           | 5.53971    | (20112808) |            |           |
|            | 395391.61 | 3824473.84 | 5.51385    | (20112808) | 395367.02 |
| 3824474.54 |           | 5.40395    | (20112808) |            |           |
|            | 395342.44 | 3824475.24 | 5.46473    | (16121908) | 395317.86 |
| 3824475.95 |           | 5.61223    | (16121908) |            |           |
|            | 395293.27 | 3824476.65 | 5.76806    | (16121908) | 395268.69 |
| 3824477.36 |           | 5.76788    | (16121908) |            |           |
|            | 395244.10 | 3824478.06 | 5.70032    | (16121908) | 395219.52 |
| 3824478.76 |           | 5.96939    | (20022706) |            |           |
|            | 395194.94 | 3824479.47 | 6.24574    | (20022706) | 395170.35 |
| 3824480.17 |           | 6.46794    | (20022706) |            |           |
|            | 395145.77 | 3824480.88 | 6.56550    | (20022706) | 395121.19 |
| 3824481.58 |           | 6.59454    | (20022706) |            |           |
|            | 395096.60 | 3824482.29 | 6.61783    | (18020224) | 395072.02 |
| 3824482.99 |           | 7.05308    | (18020224) |            |           |
|            | 395047.43 | 3824483.69 | 7.45086    | (18020224) | 395022.85 |
| 3824484.40 |           | 7.79851    | (18020224) |            |           |
|            | 394998.27 | 3824485.10 | 8.07386    | (18020224) | 394973.68 |
| 3824485.81 |           | 8.22485    | (18020224) |            |           |
|            | 394949.10 | 3824486.51 | 8.24589    | (19102022) | 394924.51 |
| 3824487.21 |           | 8.78479    | (19102022) |            |           |
|            | 394899.93 | 3824487.92 | 9.20755    | (19102022) | 394875.35 |
| 3824488.62 |           | 9.39788    | (19102022) |            |           |
|            | 394850.76 | 3824489.33 | 9.34591    | (19102022) | 394826.18 |
| 3824490.03 |           | 9.15625    | (19102022) |            |           |
|            | 394801.60 | 3824490.73 | 8.95838    | (19102022) | 394777.01 |
| 3824491.44 |           | 8.97650    | (18120204) |            |           |
|            | 394752.43 | 3824492.14 | 9.35004    | (18120204) | 394727.84 |
| 3824492.85 |           | 9.63005    | (18120204) |            |           |
|            | 394703.26 | 3824493.55 | 9.74097    | (18120204) | 394678.68 |
| 3824494.26 |           | 9.85216    | (17113008) |            |           |
|            | 394654.09 | 3824494.96 | 10.43147   | (17113008) | 394629.51 |
| 3824495.66 |           | 10.88234   | (17113008) |            |           |
|            | 394604.93 | 3824496.37 | 11.27638   | (17113008) | 394580.34 |
| 3824497.07 |           | 11.56884   | (17113008) |            |           |
|            | 394555.76 | 3824497.78 | 11.76471   | (19122906) | 394531.17 |
| 3824498.48 |           | 12.71041   | (19122906) |            |           |
|            | 394506.59 | 3824499.18 | 13.17423   | (19122906) | 394482.01 |
| 3824499.89 |           | 13.35712   | (19122906) |            |           |
|            | 394457.42 | 3824500.59 | 14.12156   | (19122906) | 394432.84 |
| 3824501.30 |           | 14.39924   | (19122906) |            |           |
|            | 394408.25 | 3824502.00 | 14.45894   | (19122906) | 394383.67 |
| 3824502.70 |           | 14.51339   | (18010220) |            |           |
|            | 394359.09 | 3824503.41 | 15.13895   | (18010220) | 394334.50 |
| 3824504.11 |           | 15.54271   | (18010220) |            |           |
|            | 394309.92 | 3824504.82 | 14.97887   | (18010220) | 394285.34 |
| 3824505.52 |           | 14.56301   | (18010220) |            |           |
|            | 394260.75 | 3824506.23 | 14.33395   | (18010220) | 394236.17 |
| 3824506.93 |           | 14.21669   | (16050324) |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403619.26  | 3822020.51         | 4.63446 | (20031203) | 403600.15 |
| 3822035.93 | 4.55118 (20031203) |         |            |           |
| 403581.04  | 3822051.36         | 4.59922 | (20031203) | 403561.93 |
| 3822066.79 | 4.86754 (20031203) |         |            |           |
| 403542.82  | 3822082.21         | 4.80428 | (20031203) | 403523.72 |
| 3822097.64 | 4.62885 (20031203) |         |            |           |
| 403504.61  | 3822113.06         | 4.54234 | (19020806) | 403485.50 |
| 3822128.49 | 4.75814 (19020806) |         |            |           |
| 403466.39  | 3822143.92         | 4.99542 | (19020806) | 403447.28 |
| 3822159.34 | 5.27948 (19020806) |         |            |           |
| 403428.17  | 3822174.77         | 5.56019 | (19020806) | 403409.07 |
| 3822190.19 | 5.58720 (19020806) |         |            |           |
| 403389.96  | 3822205.62         | 5.50198 | (19020806) | 403370.85 |
| 3822221.05 | 5.31511 (19020806) |         |            |           |
| 403351.74  | 3822236.47         | 5.05345 | (19020806) | 403332.63 |
| 3822251.90 | 4.89578 (19110605) |         |            |           |
| 403313.52  | 3822267.32         | 4.90480 | (19110605) | 403294.42 |
| 3822282.75 | 4.85533 (19110605) |         |            |           |
| 403275.31  | 3822298.18         | 4.75146 | (19110605) | 403256.20 |
| 3822313.60 | 4.65570 (19110605) |         |            |           |
| 403237.09  | 3822329.03         | 4.47441 | (19110605) | 403217.98 |
| 3822344.45 | 4.25038 (16051206) |         |            |           |
| 403198.87  | 3822359.88         | 4.21112 | (20122416) | 403179.77 |
| 3822375.31 | 4.19388 (20122416) |         |            |           |
| 403160.66  | 3822390.73         | 4.16447 | (20122416) | 403141.55 |
| 3822406.16 | 4.12915 (20122416) |         |            |           |
| 403122.44  | 3822421.58         | 4.09146 | (20122416) | 403103.33 |
| 3822437.01 | 4.05391 (20122416) |         |            |           |
| 403084.23  | 3822452.44         | 4.00204 | (20122416) | 403065.12 |
| 3822467.86 | 3.92917 (20122416) |         |            |           |
| 403046.01  | 3822483.29         | 3.83980 | (20122416) | 403026.90 |
| 3822498.71 | 3.74760 (20122416) |         |            |           |
| 403007.79  | 3822514.14         | 3.65374 | (20122416) | 402988.68 |
| 3822529.57 | 3.55772 (20122416) |         |            |           |
| 402969.58  | 3822544.99         | 3.46313 | (20122416) | 402950.47 |
| 3822560.42 | 3.37301 (20122416) |         |            |           |
| 402931.36  | 3822575.84         | 3.24191 | (20122416) | 402912.25 |
| 3822591.27 | 3.12121 (18010101) |         |            |           |
| 402893.14  | 3822606.69         | 3.15523 | (19022308) | 402874.03 |
| 3822622.12 | 3.25690 (19022308) |         |            |           |
| 402854.93  | 3822637.55         | 3.35556 | (19022308) | 402835.82 |
| 3822652.97 | 3.45076 (19022308) |         |            |           |
| 402816.71  | 3822668.40         | 3.54198 | (19022308) | 402797.60 |
| 3822683.82 | 3.62867 (19022308) |         |            |           |
| 402778.49  | 3822699.25         | 3.71044 | (19022308) | 402759.38 |
| 3822714.68 | 3.78695 (19022308) |         |            |           |
| 402740.28  | 3822730.10         | 3.85769 | (19022308) | 402721.17 |
| 3822745.53 | 3.92231 (19022308) |         |            |           |
| 402702.06  | 3822760.95         | 3.98040 | (19022308) | 402682.95 |
| 3822776.38 | 4.03167 (19022308) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 402663.84  | 3822791.81         | 4.07576 | (19022308) | 402644.73 |
| 3822807.23 | 4.11239 (19022308) |         |            |           |
| 402625.63  | 3822822.66         | 4.14141 | (19022308) | 402606.52 |
| 3822838.08 | 4.16260 (19022308) |         |            |           |
| 402587.41  | 3822853.51         | 4.17573 | (19022308) | 402568.30 |
| 3822868.94 | 4.18075 (19022308) |         |            |           |
| 402549.19  | 3822884.36         | 4.17758 | (19022308) | 402530.09 |
| 3822899.79 | 4.16630 (19022308) |         |            |           |
| 402510.98  | 3822915.21         | 4.14704 | (19022308) | 402491.87 |
| 3822930.64 | 4.11975 (19022308) |         |            |           |
| 402472.76  | 3822946.07         | 4.08449 | (19022308) | 402453.65 |
| 3822961.49 | 4.04164 (19022308) |         |            |           |
| 402434.54  | 3822976.92         | 3.99137 | (19022308) | 402415.44 |
| 3822992.34 | 3.93393 (19022308) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 527

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 402396.33   | 3823007.77         | 3.86939    | (19022308) | 402377.22   |
| 3823023.20  | 3.79829 (19022308) |            |            |             |
| 402358.11   | 3823038.62         | 3.72110    | (19022308) | 402339.00   |
| 3823054.05  | 3.63819 (19022308) |            |            |             |
| 402319.89   | 3823069.47         | 3.55011    | (19022308) | 402300.79   |
| 3823084.90  | 3.45719 (19022308) |            |            |             |
| 402281.68   | 3823100.33         | 3.35985    | (19022308) | 402262.57   |
| 3823115.75  | 3.29311 (16040507) |            |            |             |
| 402243.46   | 3823131.18         | 3.32721    | (16040507) | 402224.35   |
| 3823146.60  | 3.35480 (16040507) |            |            |             |
| 402205.24   | 3823162.03         | 3.37547    | (16040507) | 402186.14   |
| 3823177.46  | 3.38936 (16040507) |            |            |             |
| 402167.03   | 3823192.88         | 3.39694    | (16040507) | 402147.92   |
| 3823208.31  | 3.39830 (16040507) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 402128.81  | 3823223.73         | 3.39269 | (16040507) | 402109.70 |
| 3823239.16 | 3.38006 (16040507) |         |            |           |
| 402090.59  | 3823254.59         | 3.35963 | (16040507) | 402071.49 |
| 3823270.01 | 3.33190 (16040507) |         |            |           |
| 402052.38  | 3823285.44         | 3.29841 | (16040507) | 402033.27 |
| 3823300.86 | 3.25884 (16040507) |         |            |           |
| 402014.16  | 3823316.29         | 3.21312 | (16040507) | 401995.05 |
| 3823331.72 | 3.16160 (16040507) |         |            |           |
| 401975.94  | 3823347.14         | 3.10464 | (16040507) | 401956.84 |
| 3823362.57 | 3.04242 (16040507) |         |            |           |
| 401937.73  | 3823377.99         | 2.97536 | (16040507) | 401918.62 |
| 3823393.42 | 2.90383 (16040507) |         |            |           |
| 401899.51  | 3823408.85         | 2.82829 | (16040507) | 401880.40 |
| 3823424.27 | 2.74910 (16040507) |         |            |           |
| 401861.30  | 3823439.70         | 2.66666 | (16040507) | 401842.19 |
| 3823455.12 | 2.58143 (16040507) |         |            |           |
| 401823.08  | 3823470.55         | 2.49424 | (16040507) | 401803.97 |
| 3823485.98 | 2.45376 (19092207) |         |            |           |
| 401784.86  | 3823501.40         | 2.53891 | (19092207) | 401765.75 |
| 3823516.83 | 2.59809 (19092207) |         |            |           |
| 401746.65  | 3823532.25         | 2.66664 | (19092207) | 401727.54 |
| 3823547.68 | 2.72700 (19092207) |         |            |           |
| 401708.43  | 3823563.11         | 2.76796 | (19092207) | 401689.32 |
| 3823578.53 | 2.78366 (19092207) |         |            |           |
| 401670.21  | 3823593.96         | 2.82282 | (19092207) | 401651.10 |
| 3823609.38 | 2.84156 (19092207) |         |            |           |
| 401632.00  | 3823624.81         | 2.85072 | (19092207) | 401612.89 |
| 3823640.24 | 2.85481 (19092207) |         |            |           |
| 401593.78  | 3823655.66         | 2.85086 | (19092207) | 401574.67 |
| 3823671.09 | 2.84432 (19092207) |         |            |           |
| 401555.56  | 3823686.51         | 2.81448 | (19092207) | 401536.45 |
| 3823701.94 | 2.78523 (19092207) |         |            |           |
| 401517.35  | 3823717.37         | 2.73845 | (19092207) | 401498.24 |
| 3823732.79 | 2.67777 (19092207) |         |            |           |
| 401479.13  | 3823748.22         | 2.60869 | (19092207) | 401460.02 |
| 3823763.64 | 2.53372 (17021508) |         |            |           |
| 401440.91  | 3823779.07         | 2.56679 | (17021508) | 401421.80 |
| 3823794.50 | 2.58085 (17021508) |         |            |           |
| 401402.70  | 3823809.92         | 2.58862 | (17021508) | 401383.59 |
| 3823825.35 | 2.57161 (17021508) |         |            |           |
| 401364.48  | 3823840.77         | 2.56151 | (17021508) | 401345.37 |
| 3823856.20 | 2.54077 (17021508) |         |            |           |
| 401326.26  | 3823871.63         | 2.50444 | (17021508) | 401307.15 |
| 3823887.05 | 2.48206 (17021508) |         |            |           |
| 401288.05  | 3823902.48         | 2.43584 | (17021508) | 401268.94 |
| 3823917.90 | 2.45563 (18112608) |         |            |           |
| 401249.83  | 3823933.33         | 2.48167 | (18112608) | 401230.72 |
| 3823948.76 | 2.50457 (18112608) |         |            |           |
| 401211.61  | 3823964.18         | 2.49041 | (18112608) | 401192.51 |
| 3823979.61 | 2.47959 (18112608) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 401173.40  | 3823995.03         | 2.47318 | (18112608) | 401154.29 |
| 3824010.46 | 2.46598 (18112608) |         |            |           |
| 401135.18  | 3824025.89         | 2.44020 | (18112608) | 401116.07 |
| 3824041.31 | 2.39788 (18112608) |         |            |           |
| 401096.96  | 3824056.74         | 2.35340 | (18112608) | 401077.86 |
| 3824072.16 | 2.30832 (18112608) |         |            |           |
| 401058.75  | 3824087.59         | 2.24896 | (18112608) | 401039.64 |
| 3824103.02 | 2.22263 (19032507) |         |            |           |
| 401020.53  | 3824118.44         | 2.19160 | (19032507) | 401001.42 |
| 3824133.87 | 2.16707 (18011508) |         |            |           |
| 400982.31  | 3824149.29         | 2.15638 | (18011508) | 400963.21 |
| 3824164.72 | 2.16005 (18011508) |         |            |           |
| 400944.10  | 3824180.15         | 2.16945 | (18011508) | 400924.99 |
| 3824195.57 | 2.15887 (18011508) |         |            |           |
| 400905.88  | 3824211.00         | 2.14003 | (18011508) | 400886.77 |
| 3824226.42 | 2.12636 (18011508) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 528

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 400867.66   | 3824241.85         | 2.10307    | (18011508) | 400848.56   |
| 3824257.27  | 2.06215 (18011508) |            |            |             |
| 400829.45   | 3824272.70         | 2.03555    | (17030821) | 400810.34   |
| 3824288.13  | 2.04671 (17030821) |            |            |             |
| 400791.23   | 3824303.55         | 2.04675    | (17030821) | 400772.12   |
| 3824318.98  | 2.03043 (17030821) |            |            |             |
| 400753.01   | 3824334.40         | 2.08239    | (16111908) | 400733.91   |
| 3824349.83  | 2.15299 (16111908) |            |            |             |
| 400714.80   | 3824365.26         | 2.21771    | (16111908) | 400695.69   |
| 3824380.68  | 2.27102 (16111908) |            |            |             |
| 400676.58   | 3824396.11         | 2.31659    | (16111908) | 400657.47   |
| 3824411.53  | 2.34996 (16111908) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 400638.36  | 3824426.96         | 2.33784 | (16111908) | 400619.26 |
| 3824442.39 | 2.36456 (16111908) |         |            |           |
| 400600.15  | 3824457.81         | 2.45813 | (16111908) | 400581.04 |
| 3824473.24 | 2.49016 (16111908) |         |            |           |
| 400561.93  | 3824488.66         | 2.50640 | (16111908) | 400542.82 |
| 3824504.09 | 2.50848 (16111908) |         |            |           |
| 400523.72  | 3824519.52         | 2.49788 | (16111908) | 400504.61 |
| 3824534.94 | 2.46425 (16111908) |         |            |           |
| 400485.50  | 3824550.37         | 2.42540 | (16111908) | 400466.39 |
| 3824565.79 | 2.38707 (16111908) |         |            |           |
| 400447.28  | 3824581.22         | 2.34176 | (16111908) | 400428.17 |
| 3824596.65 | 2.28922 (16111908) |         |            |           |
| 400409.07  | 3824612.07         | 2.22523 | (16111908) | 400389.96 |
| 3824627.50 | 2.23077 (20052506) |         |            |           |
| 400370.85  | 3824642.92         | 2.28008 | (20052506) | 400351.74 |
| 3824658.35 | 2.32442 (20052506) |         |            |           |
| 400332.63  | 3824673.78         | 2.35222 | (20052506) | 400313.52 |
| 3824689.20 | 2.37453 (20052506) |         |            |           |
| 400294.42  | 3824704.63         | 2.38976 | (20052506) | 400275.31 |
| 3824720.05 | 2.39334 (20052506) |         |            |           |
| 400256.20  | 3824735.48         | 2.39222 | (20052506) | 400237.09 |
| 3824750.91 | 2.36923 (20052506) |         |            |           |
| 400217.98  | 3824766.33         | 2.32894 | (20052506) | 400198.87 |
| 3824781.76 | 2.29261 (20052506) |         |            |           |
| 400179.77  | 3824797.18         | 2.26327 | (20052506) | 400160.66 |
| 3824812.61 | 2.22377 (20052506) |         |            |           |
| 400141.55  | 3824828.04         | 2.17504 | (20052506) | 400122.44 |
| 3824843.46 | 2.12523 (20052506) |         |            |           |
| 400103.33  | 3824858.89         | 2.07221 | (20052506) | 400084.22 |
| 3824874.31 | 2.04754 (19101607) |         |            |           |
| 400065.12  | 3824889.74         | 2.01457 | (19101607) | 400046.01 |
| 3824905.17 | 1.98461 (19101607) |         |            |           |
| 400026.90  | 3824920.59         | 1.98586 | (20100707) | 400007.79 |
| 3824936.02 | 1.98049 (20100707) |         |            |           |
| 399988.68  | 3824951.44         | 1.96951 | (20100707) | 399969.57 |
| 3824966.87 | 1.94753 (20100707) |         |            |           |
| 399950.47  | 3824982.30         | 1.92354 | (20101507) | 399931.36 |
| 3824997.72 | 1.94405 (20101507) |         |            |           |
| 399912.25  | 3825013.15         | 1.96213 | (20101507) | 399893.14 |
| 3825028.57 | 1.96595 (20101507) |         |            |           |
| 399874.03  | 3825044.00         | 1.95280 | (20101507) | 399854.93 |
| 3825059.43 | 1.93946 (20101507) |         |            |           |
| 399835.82  | 3825074.85         | 1.92770 | (20101507) | 399816.71 |
| 3825090.28 | 1.90779 (20101507) |         |            |           |
| 399797.60  | 3825105.70         | 1.89218 | (16040207) | 399778.49 |
| 3825121.13 | 1.87531 (16040207) |         |            |           |
| 399759.38  | 3825136.56         | 1.85561 | (16040207) | 399740.28 |
| 3825151.98 | 1.83333 (16040207) |         |            |           |
| 399721.17  | 3825167.41         | 1.80799 | (20042501) | 399702.06 |
| 3825182.83 | 1.79301 (20042501) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399682.95  | 3825198.26 | 1.77770    | (20042501) | 399663.84 |
| 3825213.69 | 1.76707    | (20042501) |            |           |
| 399644.73  | 3825229.11 | 1.74699    | (20042501) | 399625.63 |
| 3825244.54 | 1.76739    | (17091607) |            |           |
| 399606.52  | 3825259.96 | 1.82216    | (17091607) | 399587.41 |
| 3825275.39 | 1.87403    | (17091607) |            |           |
| 399568.30  | 3825290.82 | 1.92452    | (17091607) | 399549.19 |
| 3825306.24 | 1.97207    | (17091607) |            |           |
| 399530.08  | 3825321.67 | 2.01678    | (17091607) | 399510.98 |
| 3825337.09 | 2.05842    | (17091607) |            |           |
| 399491.87  | 3825352.52 | 2.09775    | (17091607) | 399472.76 |
| 3825367.95 | 2.13329    | (17091607) |            |           |
| 399453.65  | 3825383.37 | 2.16438    | (17091607) | 399434.54 |
| 3825398.80 | 2.19924    | (20092907) |            |           |
| 399415.43  | 3825414.22 | 2.23334    | (20092907) | 399396.33 |
| 3825429.65 | 2.25907    | (20092907) |            |           |
| 399377.22  | 3825445.08 | 2.28353    | (20092907) | 399358.11 |
| 3825460.50 | 2.29740    | (20092907) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 529

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399339.00   | 3825475.93  | 2.29160    | (20092907) | 399319.89   |
| 3825491.35  | 2.29355     | (20092907) |            |             |
| 399300.79   | 3825506.78  | 2.27297    | (20092907) | 399281.68   |
| 3825522.21  | 2.26195     | (17091607) |            |             |
| 399262.57   | 3825537.63  | 2.25131    | (17091607) | 399243.46   |
| 3825553.06  | 2.23767     | (17091607) |            |             |
| 399224.35   | 3825568.48  | 2.21956    | (17091607) | 399205.24   |
| 3825583.91  | 2.19693     | (17091607) |            |             |
| 399186.14   | 3825599.34  | 2.17028    | (17091607) | 399167.03   |
| 3825614.76  | 2.14123     | (17091607) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399123.37  | 3825630.89         | 2.09277 | (19092507) | 399098.82 |
| 3825631.59 | 2.16905 (19092507) |         |            |           |
| 399074.28  | 3825632.30         | 2.24431 | (19092507) | 399049.73 |
| 3825633.00 | 2.31829 (19092507) |         |            |           |
| 399025.18  | 3825633.70         | 2.39075 | (19092507) | 399000.63 |
| 3825634.41 | 2.46135 (19092507) |         |            |           |
| 398976.08  | 3825635.11         | 2.52956 | (19092507) | 398951.54 |
| 3825635.81 | 2.59516 (19092507) |         |            |           |
| 398926.99  | 3825636.52         | 2.65826 | (19092507) | 398902.44 |
| 3825637.22 | 2.71835 (19092507) |         |            |           |
| 398877.89  | 3825637.92         | 2.77515 | (19092507) | 398853.35 |
| 3825638.62 | 2.82806 (19092507) |         |            |           |
| 398828.80  | 3825639.33         | 2.87693 | (19092507) | 398804.25 |
| 3825640.03 | 2.92147 (19092507) |         |            |           |
| 398779.70  | 3825640.73         | 2.96163 | (19092507) | 398755.15 |
| 3825641.44 | 2.99740 (19092507) |         |            |           |
| 398730.61  | 3825642.14         | 3.02814 | (19092507) | 398706.06 |
| 3825642.84 | 3.05361 (19092507) |         |            |           |
| 398681.51  | 3825643.55         | 3.07392 | (19092507) | 398656.96 |
| 3825644.25 | 3.08912 (19092507) |         |            |           |
| 398632.42  | 3825644.95         | 3.09897 | (19092507) | 398607.87 |
| 3825645.66 | 3.10312 (19092507) |         |            |           |
| 398583.32  | 3825646.36         | 3.10163 | (19092507) | 398558.77 |
| 3825647.06 | 3.09451 (19092507) |         |            |           |
| 398534.22  | 3825647.76         | 3.08174 | (19092507) | 398509.68 |
| 3825648.47 | 3.06337 (19092507) |         |            |           |
| 398485.13  | 3825649.17         | 3.03952 | (19092507) | 398460.58 |
| 3825649.87 | 3.01034 (19092507) |         |            |           |
| 398436.03  | 3825650.58         | 2.97599 | (19092507) | 398411.49 |
| 3825651.28 | 2.93663 (19092507) |         |            |           |
| 398386.94  | 3825651.98         | 2.90501 | (20021908) | 398362.39 |
| 3825652.69 | 2.93579 (20021908) |         |            |           |
| 398337.84  | 3825653.39         | 2.96131 | (20021908) | 398313.29 |
| 3825654.09 | 2.98128 (20021908) |         |            |           |
| 398288.75  | 3825654.80         | 2.99559 | (20021908) | 398264.20 |
| 3825655.50 | 3.00435 (20021908) |         |            |           |
| 398239.65  | 3825656.20         | 3.00752 | (20021908) | 398215.10 |
| 3825656.90 | 3.00502 (20021908) |         |            |           |
| 398190.56  | 3825657.61         | 2.99687 | (20021908) | 398166.01 |
| 3825658.31 | 2.98308 (20021908) |         |            |           |
| 398141.46  | 3825659.01         | 2.96372 | (20021908) | 398116.91 |
| 3825659.72 | 2.93882 (20021908) |         |            |           |
| 398092.36  | 3825660.42         | 2.95928 | (16040407) | 398067.82 |
| 3825661.12 | 3.00617 (16040407) |         |            |           |
| 398043.27  | 3825661.83         | 3.04797 | (16040407) | 398018.72 |
| 3825662.53 | 3.08447 (16040407) |         |            |           |
| 397994.17  | 3825663.23         | 3.11545 | (16040407) | 397969.63 |
| 3825663.94 | 3.14064 (16040407) |         |            |           |
| 397945.08  | 3825664.64         | 3.15989 | (16040407) | 397920.53 |
| 3825665.34 | 3.17301 (16040407) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397895.98  | 3825666.04 | 3.17988    | (16040407) | 397871.43 |
| 3825666.75 | 3.18042    | (16040407) |            |           |
| 397846.89  | 3825667.45 | 3.17453    | (16040407) | 397822.34 |
| 3825668.15 | 3.16260    | (16040407) |            |           |
| 397797.79  | 3825668.86 | 3.14474    | (16040407) | 397773.24 |
| 3825669.56 | 3.12025    | (16040407) |            |           |
| 397748.70  | 3825670.26 | 3.08841    | (16040407) | 397724.15 |
| 3825670.97 | 3.05134    | (16040407) |            |           |
| 397699.60  | 3825671.67 | 3.01135    | (16040407) | 397675.05 |
| 3825672.37 | 2.96481    | (16040407) |            |           |
| 397650.50  | 3825673.08 | 2.95349    | (18061206) | 397625.96 |
| 3825673.78 | 2.97930    | (18061206) |            |           |
| 397601.41  | 3825674.48 | 2.99918    | (18061206) | 397576.86 |
| 3825675.18 | 3.01343    | (18061206) |            |           |
| 397552.31  | 3825675.89 | 3.02218    | (18061206) | 397527.77 |
| 3825676.59 | 3.02447    | (18061206) |            |           |
| 397503.22  | 3825677.29 | 3.02032    | (18061206) | 397478.67 |
| 3825678.00 | 3.00986    | (18061206) |            |           |
| 397454.12  | 3825678.70 | 2.99348    | (18061206) | 397429.57 |
| 3825679.40 | 2.97165    | (18061206) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 530

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 397405.03   | 3825680.11  | 2.94342    | (18061206) | 397380.48   |
| 3825680.81  | 2.90898     | (18061206) |            |             |
| 397355.93   | 3825681.51  | 2.86900    | (18061206) | 397331.38   |
| 3825682.22  | 2.82372     | (18061206) |            |             |
| 397306.84   | 3825682.92  | 2.77322    | (18061206) | 397282.29   |
| 3825683.62  | 2.71798     | (18061206) |            |             |
| 397257.74   | 3825684.32  | 2.65834    | (18061206) | 397233.19   |
| 3825685.03  | 2.59457     | (18061206) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 397208.64  | 3825685.73         | 2.52703 | (18061206) | 397184.10 |
| 3825686.43 | 2.45639 (18061206) |         |            |           |
| 397159.55  | 3825687.14         | 2.46729 | (16092307) | 397135.00 |
| 3825687.84 | 2.53660 (16092307) |         |            |           |
| 397110.45  | 3825688.54         | 2.58542 | (16092307) | 397085.91 |
| 3825689.25 | 2.62124 (16092307) |         |            |           |
| 397061.36  | 3825689.95         | 2.65156 | (16092307) | 397036.81 |
| 3825690.65 | 2.67895 (16092307) |         |            |           |
| 397012.26  | 3825691.36         | 2.70041 | (16092307) | 396987.71 |
| 3825692.06 | 2.71040 (16092307) |         |            |           |
| 396963.17  | 3825692.76         | 2.70838 | (16092307) | 396938.62 |
| 3825693.46 | 2.69516 (16092307) |         |            |           |
| 396914.07  | 3825694.17         | 2.65925 | (16092307) | 396889.52 |
| 3825694.87 | 2.60234 (16092307) |         |            |           |
| 396864.98  | 3825695.57         | 2.64476 | (18092707) | 396840.43 |
| 3825696.28 | 2.73598 (18092707) |         |            |           |
| 396815.88  | 3825696.98         | 2.81211 | (18092707) | 396791.33 |
| 3825697.68 | 2.89241 (18092707) |         |            |           |
| 396766.78  | 3825698.39         | 2.97970 | (18092707) | 396742.24 |
| 3825699.09 | 3.04185 (18092707) |         |            |           |
| 396717.69  | 3825699.79         | 3.07178 | (18092707) | 396693.14 |
| 3825700.50 | 3.09321 (18092707) |         |            |           |
| 396668.59  | 3825701.20         | 3.10171 | (18092707) | 396644.05 |
| 3825701.90 | 3.09296 (18092707) |         |            |           |
| 396619.50  | 3825702.60         | 3.06938 | (18092707) | 396594.95 |
| 3825703.31 | 3.03267 (18092707) |         |            |           |
| 396570.40  | 3825704.01         | 2.98551 | (18092707) | 396545.85 |
| 3825704.71 | 2.93016 (18092707) |         |            |           |
| 396521.31  | 3825705.42         | 2.88139 | (18092707) | 396496.76 |
| 3825706.12 | 2.82977 (18092707) |         |            |           |
| 396472.21  | 3825706.82         | 2.81722 | (16022108) | 396447.66 |
| 3825707.53 | 2.88782 (16022108) |         |            |           |
| 396423.12  | 3825708.23         | 2.95391 | (16022108) | 396398.57 |
| 3825708.93 | 3.01509 (16022108) |         |            |           |
| 396374.02  | 3825709.64         | 3.07111 | (16022108) | 396349.47 |
| 3825710.34 | 3.12101 (16022108) |         |            |           |
| 396324.93  | 3825711.04         | 3.16433 | (16022108) | 396300.38 |
| 3825711.75 | 3.20107 (16022108) |         |            |           |
| 396275.83  | 3825712.45         | 3.23100 | (16022108) | 396251.28 |
| 3825713.15 | 3.25386 (16022108) |         |            |           |
| 396226.73  | 3825713.85         | 3.26938 | (16022108) | 396202.19 |
| 3825714.56 | 3.27758 (16022108) |         |            |           |
| 396177.64  | 3825715.26         | 3.27913 | (16022108) | 396153.09 |
| 3825715.96 | 3.32679 (18092907) |         |            |           |
| 396128.54  | 3825716.67         | 3.37474 | (18092907) | 396104.00 |
| 3825717.37 | 3.46622 (18092907) |         |            |           |
| 396079.45  | 3825718.07         | 3.58312 | (18092907) | 396054.90 |
| 3825718.78 | 3.85922 (18092907) |         |            |           |
| 396030.35  | 3825719.48         | 4.09499 | (18092907) | 396005.80 |
| 3825720.18 | 4.05612 (18092907) |         |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395981.26  | 3825720.89 | 3.72772    | (18092907) | 395956.71 |
| 3825721.59 | 3.52529    | (18092907) |            |           |
| 395932.16  | 3825722.29 | 3.42516    | (18092907) | 395907.61 |
| 3825722.99 | 3.32731    | (18092907) |            |           |
| 395883.07  | 3825723.70 | 3.24678    | (18092907) | 395858.52 |
| 3825724.40 | 3.15294    | (18092907) |            |           |
| 395833.97  | 3825725.10 | 3.09482    | (18092907) | 395809.42 |
| 3825725.81 | 3.08430    | (16112508) |            |           |
| 395784.87  | 3825726.51 | 3.16268    | (16112508) | 395760.33 |
| 3825727.21 | 3.21137    | (16112508) |            |           |
| 395735.78  | 3825727.92 | 3.24939    | (16112508) | 395711.23 |
| 3825728.62 | 3.27447    | (16112508) |            |           |
| 395686.68  | 3825729.32 | 3.28675    | (16112508) | 395662.14 |
| 3825730.03 | 3.28654    | (16112508) |            |           |
| 395637.59  | 3825730.73 | 3.35211    | (20111308) | 395613.04 |
| 3825731.43 | 3.43343    | (20111308) |            |           |
| 395588.49  | 3825732.13 | 3.51047    | (20111308) | 395563.94 |
| 3825732.84 | 3.58162    | (20111308) |            |           |
| 395539.40  | 3825733.54 | 3.64330    | (20111308) | 395514.85 |
| 3825734.24 | 3.69789    | (20111308) |            |           |
| 395490.30  | 3825734.95 | 3.74547    | (20111308) | 395465.75 |
| 3825735.65 | 3.78415    | (20111308) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 531

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395441.21   | 3825736.35  | 3.81611    | (20111308) | 395416.66   |
| 3825737.06  | 3.83840     | (20111308) |            |             |
| 395392.11   | 3825737.76  | 3.85483    | (20111308) | 395367.56   |
| 3825738.46  | 3.86672     | (16121908) |            |             |
| 395343.01   | 3825739.17  | 4.01443    | (16121908) | 395318.47   |
| 3825739.87  | 3.89897     | (16121908) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395293.92  | 3825740.57          | 3.81802  | (20111308) | 395269.37 |
| 3825741.27 | 3.78370 (20111308)  |          |            |           |
| 395244.82  | 3825741.98          | 3.74135  | (20111308) | 395220.28 |
| 3825742.68 | 3.69175 (20111308)  |          |            |           |
| 395195.73  | 3825743.38          | 3.63549  | (20111308) | 395171.18 |
| 3825744.09 | 3.57181 (20111308)  |          |            |           |
| 395146.63  | 3825744.79          | 3.56434  | (20092207) | 395122.08 |
| 3825745.49 | 3.59340 (20092207)  |          |            |           |
| 395097.54  | 3825746.20          | 3.61487  | (20092207) | 395072.99 |
| 3825746.90 | 3.62855 (20092207)  |          |            |           |
| 395048.44  | 3825747.60          | 3.69084  | (16092707) | 395023.89 |
| 3825748.31 | 3.85459 (16092707)  |          |            |           |
| 394999.35  | 3825749.01          | 4.03038  | (16092707) | 394974.80 |
| 3825749.71 | 4.19779 (16092707)  |          |            |           |
| 394950.25  | 3825750.41          | 4.34238  | (16092707) | 394925.70 |
| 3825751.12 | 4.45160 (16092707)  |          |            |           |
| 394901.15  | 3825751.82          | 4.50429  | (16092707) | 394876.61 |
| 3825752.52 | 4.53343 (16092707)  |          |            |           |
| 394852.06  | 3825753.23          | 4.56993  | (16092707) | 394827.51 |
| 3825753.93 | 4.61616 (16092707)  |          |            |           |
| 394802.96  | 3825754.63          | 4.68876  | (16092707) | 394778.42 |
| 3825755.34 | 4.72054 (16092707)  |          |            |           |
| 394753.87  | 3825756.04          | 4.50521  | (16092707) | 394729.32 |
| 3825756.74 | 4.68151 (19112822)  |          |            |           |
| 394704.77  | 3825757.45          | 5.35766  | (19112822) | 394680.22 |
| 3825758.15 | 5.62397 (19112822)  |          |            |           |
| 394655.68  | 3825758.85          | 5.63259  | (18120204) | 394631.13 |
| 3825759.55 | 5.81484 (17113008)  |          |            |           |
| 394606.58  | 3825760.26          | 5.97549  | (17113008) | 394582.03 |
| 3825760.96 | 6.06384 (17113008)  |          |            |           |
| 394557.49  | 3825761.66          | 6.11262  | (18021708) | 394532.94 |
| 3825762.37 | 6.28662 (18021708)  |          |            |           |
| 394508.39  | 3825763.07          | 6.45959  | (18021708) | 394483.84 |
| 3825763.77 | 6.63986 (18021708)  |          |            |           |
| 394459.29  | 3825764.48          | 6.85463  | (19122906) | 394434.75 |
| 3825765.18 | 7.29463 (19122906)  |          |            |           |
| 394410.20  | 3825765.88          | 7.90199  | (19122906) | 394385.65 |
| 3825766.59 | 8.74761 (19122906)  |          |            |           |
| 394361.10  | 3825767.29          | 9.58739  | (19122906) | 394336.56 |
| 3825767.99 | 10.19705 (19122906) |          |            |           |
| 394312.01  | 3825768.69          | 10.56907 | (18010220) | 394287.46 |
| 3825769.40 | 11.29037 (18010220) |          |            |           |
| 394262.91  | 3825770.10          | 11.63576 | (18010220) | 394238.36 |
| 3825770.80 | 11.61632 (18010220) |          |            |           |
| 394213.82  | 3825771.51          | 11.41644 | (18010220) | 394189.27 |
| 3825772.21 | 11.07129 (18010220) |          |            |           |
| 394164.72  | 3825772.91          | 10.63272 | (18010220) | 394140.17 |
| 3825773.62 | 10.12819 (16050324) |          |            |           |
| 394115.63  | 3825774.32          | 10.06395 | (16050324) | 394091.08 |
| 3825775.02 | 9.81083 (16050324)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394066.53  | 3825775.73         | 9.27646 | (16050324) | 394041.98 |
| 3825776.43 | 8.59530 (16050324) |         |            |           |
| 394017.43  | 3825777.13         | 7.87906 | (16050324) | 393992.89 |
| 3825777.83 | 7.22545 (17010802) |         |            |           |
| 393968.34  | 3825778.54         | 6.95262 | (17010802) | 393943.79 |
| 3825779.24 | 6.73322 (17010802) |         |            |           |
| 393919.24  | 3825779.94         | 6.57547 | (17010802) | 393894.70 |
| 3825780.65 | 6.49595 (17010802) |         |            |           |
| 393870.15  | 3825781.35         | 6.98636 | (17010802) | 393845.60 |
| 3825782.05 | 8.20367 (17010802) |         |            |           |
| 393821.05  | 3825782.76         | 9.16712 | (17010802) | 393796.50 |
| 3825783.46 | 9.40818 (19120218) |         |            |           |
| 393771.96  | 3825784.16         | 9.01054 | (19120218) | 393747.41 |
| 3825784.87 | 7.93509 (19120218) |         |            |           |
| 393722.86  | 3825785.57         | 6.67344 | (19120218) | 393698.31 |
| 3825786.27 | 5.91510 (19120218) |         |            |           |
| 393673.77  | 3825786.97         | 5.74611 | (19120218) | 393649.22 |
| 3825787.68 | 5.80183 (19120218) |         |            |           |
| 393624.67  | 3825788.38         | 5.62244 | (18120306) | 393600.12 |
| 3825789.08 | 5.55279 (18120306) |         |            |           |
| 393575.57  | 3825789.79         | 5.65312 | (18120306) | 393551.03 |
| 3825790.49 | 5.67256 (18120306) |         |            |           |
| 393526.48  | 3825791.19         | 5.61690 | (18120306) | 393501.93 |
| 3825791.90 | 5.49936 (18120306) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 532

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393477.38   | 3825792.60         | 5.58166    | (16102921) | 393452.84   |
| 3825793.30  | 5.92828 (16102921) |            |            |             |
| 393428.29   | 3825794.01         | 6.44093    | (16102921) | 393403.74   |
| 3825794.71  | 7.21235 (16102921) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393379.19  | 3825795.41         | 7.97955 | (16102921) | 393354.64 |
| 3825796.12 | 8.41179 (16102921) |         |            |           |
| 393330.10  | 3825796.82         | 7.60910 | (16102921) | 393305.55 |
| 3825797.52 | 7.15128 (17111118) |         |            |           |
| 403714.80  | 3821943.38         | 5.00147 | (16122824) | 403728.00 |
| 3821922.62 | 5.10162 (16122824) |         |            |           |
| 404820.86  | 3822674.20         | 2.52831 | (20020908) | 404801.77 |
| 3822689.61 | 2.45556 (20020908) |         |            |           |
| 404782.69  | 3822705.02         | 2.42533 | (18112008) | 404763.60 |
| 3822720.43 | 2.49806 (18112008) |         |            |           |
| 404744.51  | 3822735.84         | 2.56878 | (18112008) | 404725.42 |
| 3822751.25 | 2.63443 (18112008) |         |            |           |
| 404706.34  | 3822766.65         | 2.69448 | (18112008) | 404687.25 |
| 3822782.06 | 2.74532 (18112008) |         |            |           |
| 404668.16  | 3822797.47         | 2.78922 | (18112008) | 404649.07 |
| 3822812.88 | 2.82943 (18112008) |         |            |           |
| 404629.99  | 3822828.29         | 2.85634 | (18112008) | 404610.90 |
| 3822843.70 | 2.87459 (18112008) |         |            |           |
| 404591.81  | 3822859.11         | 2.89283 | (18112008) | 404572.72 |
| 3822874.52 | 2.90042 (18112008) |         |            |           |
| 404553.64  | 3822889.93         | 2.90757 | (18112008) | 404534.55 |
| 3822905.34 | 2.92580 (18112008) |         |            |           |
| 404515.46  | 3822920.75         | 2.94508 | (18112008) | 404496.38 |
| 3822936.16 | 2.92588 (18112008) |         |            |           |
| 404477.29  | 3822951.56         | 2.89454 | (18112008) | 404458.20 |
| 3822966.97 | 2.88429 (18112008) |         |            |           |
| 404439.11  | 3822982.38         | 2.84694 | (18112008) | 404420.03 |
| 3822997.79 | 2.79242 (18112008) |         |            |           |
| 404400.94  | 3823013.20         | 2.73872 | (18112008) | 404381.85 |
| 3823028.61 | 2.73705 (16051206) |         |            |           |
| 404362.76  | 3823044.02         | 2.73443 | (16051206) | 404343.68 |
| 3823059.43 | 2.72639 (16051206) |         |            |           |
| 404324.59  | 3823074.84         | 2.69656 | (16051206) | 404305.50 |
| 3823090.25 | 2.65678 (16051206) |         |            |           |
| 404286.41  | 3823105.66         | 2.63923 | (16051206) | 404267.33 |
| 3823121.06 | 2.65495 (20122416) |         |            |           |
| 404248.24  | 3823136.47         | 2.65959 | (20122416) | 404229.15 |
| 3823151.88 | 2.64163 (20122416) |         |            |           |
| 404210.06  | 3823167.29         | 2.63415 | (20122416) | 404190.98 |
| 3823182.70 | 2.63431 (20122416) |         |            |           |
| 404171.89  | 3823198.11         | 2.62753 | (20122416) | 404152.80 |
| 3823213.52 | 2.61547 (20122416) |         |            |           |
| 404133.71  | 3823228.93         | 2.59433 | (20122416) | 404114.63 |
| 3823244.34 | 2.56305 (20122416) |         |            |           |
| 404095.54  | 3823259.75         | 2.53008 | (20122416) | 404076.45 |
| 3823275.16 | 2.49025 (20122416) |         |            |           |
| 404057.36  | 3823290.56         | 2.42995 | (20122416) | 404038.28 |
| 3823305.97 | 2.36055 (20122416) |         |            |           |
| 404019.19  | 3823321.38         | 2.29402 | (20122416) | 404000.10 |
| 3823336.79 | 2.25782 (17040507) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403981.02  | 3823352.20         | 2.30888 | (17040507) | 403961.93 |
| 3823367.61 | 2.35732 (17040507) |         |            |           |
| 403942.84  | 3823383.02         | 2.40321 | (17040507) | 403923.75 |
| 3823398.43 | 2.44653 (17040507) |         |            |           |
| 403904.67  | 3823413.84         | 2.48714 | (17040507) | 403885.58 |
| 3823429.25 | 2.52442 (17040507) |         |            |           |
| 403866.49  | 3823444.66         | 2.55828 | (17040507) | 403847.40 |
| 3823460.07 | 2.58860 (17040507) |         |            |           |
| 403828.32  | 3823475.47         | 2.61554 | (17040507) | 403809.23 |
| 3823490.88 | 2.63871 (17040507) |         |            |           |
| 403790.14  | 3823506.29         | 2.65791 | (17040507) | 403771.05 |
| 3823521.70 | 2.67311 (17040507) |         |            |           |
| 403751.97  | 3823537.11         | 2.68434 | (17040507) | 403732.88 |
| 3823552.52 | 2.69161 (17040507) |         |            |           |
| 403713.79  | 3823567.93         | 2.69438 | (17040507) | 403694.70 |
| 3823583.34 | 2.69257 (17040507) |         |            |           |
| 403675.62  | 3823598.75         | 2.68761 | (17040507) | 403656.53 |
| 3823614.16 | 2.67844 (17040507) |         |            |           |
| 403637.44  | 3823629.57         | 2.66496 | (17040507) | 403618.35 |
| 3823644.97 | 2.64753 (17040507) |         |            |           |
| 403599.27  | 3823660.38         | 2.62589 | (17040507) | 403580.18 |
| 3823675.79 | 2.60040 (17040507) |         |            |           |
| 403561.09  | 3823691.20         | 2.57112 | (17040507) | 403542.01 |
| 3823706.61 | 2.53796 (17040507) |         |            |           |
| 403522.92  | 3823722.02         | 2.50113 | (17040507) | 403503.83 |
| 3823737.43 | 2.46059 (17040507) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 533

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 403484.74   | 3823752.84         | 2.41724    | (17040507) | 403465.66   |
| 3823768.25  | 2.37112 (17040507) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403446.57  | 3823783.66         | 2.32917 | (16040507) | 403427.48 |
| 3823799.07 | 2.39839 (16040507) |         |            |           |
| 403408.39  | 3823814.48         | 2.46580 | (16040507) | 403389.31 |
| 3823829.88 | 2.53094 (16040507) |         |            |           |
| 403370.22  | 3823845.29         | 2.59370 | (16040507) | 403351.13 |
| 3823860.70 | 2.65382 (16040507) |         |            |           |
| 403332.04  | 3823876.11         | 2.71117 | (16040507) | 403312.96 |
| 3823891.52 | 2.76535 (16040507) |         |            |           |
| 403293.87  | 3823906.93         | 2.81606 | (16040507) | 403274.78 |
| 3823922.34 | 2.86301 (16040507) |         |            |           |
| 403255.69  | 3823937.75         | 2.90625 | (16040507) | 403236.61 |
| 3823953.16 | 2.94546 (16040507) |         |            |           |
| 403217.52  | 3823968.57         | 2.98041 | (16040507) | 403198.43 |
| 3823983.98 | 3.01086 (16040507) |         |            |           |
| 403179.34  | 3823999.38         | 3.03672 | (16040507) | 403160.26 |
| 3824014.79 | 3.05787 (16040507) |         |            |           |
| 403141.17  | 3824030.20         | 3.07427 | (16040507) | 403122.08 |
| 3824045.61 | 3.08579 (16040507) |         |            |           |
| 403102.99  | 3824061.02         | 3.09232 | (16040507) | 403083.91 |
| 3824076.43 | 3.09382 (16040507) |         |            |           |
| 403064.82  | 3824091.84         | 3.09027 | (16040507) | 403045.73 |
| 3824107.25 | 3.08183 (16040507) |         |            |           |
| 403026.65  | 3824122.66         | 3.06832 | (16040507) | 403007.56 |
| 3824138.07 | 3.04997 (16040507) |         |            |           |
| 402988.47  | 3824153.48         | 3.02682 | (16040507) | 402969.38 |
| 3824168.88 | 2.99886 (16040507) |         |            |           |
| 402950.30  | 3824184.29         | 2.96626 | (16040507) | 402931.21 |
| 3824199.70 | 2.92919 (16040507) |         |            |           |
| 402912.12  | 3824215.11         | 2.88784 | (16040507) | 402893.03 |
| 3824230.52 | 2.84244 (16040507) |         |            |           |
| 402873.95  | 3824245.93         | 2.79307 | (16040507) | 402854.86 |
| 3824261.34 | 2.73985 (16040507) |         |            |           |
| 402835.77  | 3824276.75         | 2.68319 | (16040507) | 402816.68 |
| 3824292.16 | 2.62356 (16040507) |         |            |           |
| 402797.60  | 3824307.57         | 2.56127 | (16040507) | 402778.51 |
| 3824322.98 | 2.49610 (16040507) |         |            |           |
| 402759.42  | 3824338.39         | 2.42844 | (16040507) | 402740.33 |
| 3824353.79 | 2.35874 (16040507) |         |            |           |
| 402721.25  | 3824369.20         | 2.28722 | (16040507) | 402702.16 |
| 3824384.61 | 2.21416 (16040507) |         |            |           |
| 402683.07  | 3824400.02         | 2.13985 | (16040507) | 402663.98 |
| 3824415.43 | 2.06451 (16040507) |         |            |           |
| 402644.90  | 3824430.84         | 2.10706 | (19092207) | 402625.81 |
| 3824446.25 | 2.16110 (19092207) |         |            |           |
| 402606.72  | 3824461.66         | 2.20411 | (19092207) | 402587.64 |
| 3824477.07 | 2.23222 (19092207) |         |            |           |
| 402568.55  | 3824492.48         | 2.25525 | (19092207) | 402549.46 |
| 3824507.89 | 2.26855 (19092207) |         |            |           |
| 402530.37  | 3824523.29         | 2.27030 | (19092207) | 402511.29 |
| 3824538.70 | 2.27040 (19092207) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402492.20  | 3824554.11 | 2.27340    | (19092207) | 402473.11 |
| 3824569.52 | 2.26996    | (19092207) |            |           |
| 402454.02  | 3824584.93 | 2.25785    | (19092207) | 402434.94 |
| 3824600.34 | 2.24103    | (19092207) |            |           |
| 402415.85  | 3824615.75 | 2.22308    | (19092207) | 402396.76 |
| 3824631.16 | 2.19745    | (19092207) |            |           |
| 402377.67  | 3824646.57 | 2.17212    | (19092207) | 402358.59 |
| 3824661.98 | 2.13794    | (19092207) |            |           |
| 402339.50  | 3824677.39 | 2.07572    | (19092207) | 402320.41 |
| 3824692.80 | 2.00893    | (19092207) |            |           |
| 402301.32  | 3824708.20 | 1.97055    | (17021508) | 402282.24 |
| 3824723.61 | 2.00635    | (17021508) |            |           |
| 402263.15  | 3824739.02 | 2.03786    | (17021508) | 402244.06 |
| 3824754.43 | 2.05469    | (17021508) |            |           |
| 402224.97  | 3824769.84 | 2.05993    | (17021508) | 402205.89 |
| 3824785.25 | 2.06043    | (17021508) |            |           |
| 402186.80  | 3824800.66 | 2.07403    | (17021508) | 402167.71 |
| 3824816.07 | 2.08823    | (17021508) |            |           |
| 402148.62  | 3824831.48 | 2.08737    | (17021508) | 402129.54 |
| 3824846.89 | 2.07177    | (17021508) |            |           |
| 402110.45  | 3824862.30 | 2.05882    | (17021508) | 402091.36 |
| 3824877.70 | 2.04781    | (18112608) |            |           |
| 402072.28  | 3824893.11 | 2.04814    | (18112608) | 402053.19 |
| 3824908.52 | 2.05390    | (18112608) |            |           |
| 402034.10  | 3824923.93 | 2.05233    | (18112608) | 402015.01 |
| 3824939.34 | 2.04374    | (18112608) |            |           |
| 401995.93  | 3824954.75 | 2.03137    | (18112608) | 401976.84 |
| 3824970.16 | 2.01359    | (18112608) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 534

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 401957.75  | 3824985.57         | 1.98969 | (18112608) | 401938.66 |
| 3825000.98 | 1.96317 (20092807) |         |            |           |
| 401919.58  | 3825016.39         | 1.94617 | (20092807) | 401900.49 |
| 3825031.80 | 1.92606 (20092807) |         |            |           |
| 401881.40  | 3825047.20         | 1.90285 | (20092807) | 401862.31 |
| 3825062.61 | 1.88431 (19041507) |         |            |           |
| 401843.23  | 3825078.02         | 1.88269 | (19041507) | 401824.14 |
| 3825093.43 | 1.87967 (19041507) |         |            |           |
| 401805.05  | 3825108.84         | 1.87527 | (19041507) | 401785.96 |
| 3825124.25 | 1.86949 (19041507) |         |            |           |
| 401766.88  | 3825139.66         | 1.86235 | (19041507) | 401747.79 |
| 3825155.07 | 1.85386 (19041507) |         |            |           |
| 401728.70  | 3825170.48         | 1.84404 | (19041507) | 401709.61 |
| 3825185.89 | 1.83292 (19041507) |         |            |           |
| 401690.53  | 3825201.30         | 1.82051 | (19041507) | 401671.44 |
| 3825216.71 | 1.80685 (19041507) |         |            |           |
| 401652.35  | 3825232.11         | 1.79196 | (19041507) | 401633.27 |
| 3825247.52 | 1.77588 (19041507) |         |            |           |
| 401614.18  | 3825262.93         | 1.75864 | (19041507) | 401595.09 |
| 3825278.34 | 1.74027 (19041507) |         |            |           |
| 401576.00  | 3825293.75         | 1.72082 | (19041507) | 401556.92 |
| 3825309.16 | 1.70033 (19041507) |         |            |           |
| 401537.83  | 3825324.57         | 1.67883 | (19041507) | 401518.74 |
| 3825339.98 | 1.65638 (19041507) |         |            |           |
| 401499.65  | 3825355.39         | 1.63302 | (19041507) | 401480.57 |
| 3825370.80 | 1.67197 (16111908) |         |            |           |
| 401461.48  | 3825386.21         | 1.72508 | (16111908) | 401442.39 |
| 3825401.61 | 1.77401 (16111908) |         |            |           |
| 401423.30  | 3825417.02         | 1.81674 | (16111908) | 401404.22 |
| 3825432.43 | 1.85655 (16111908) |         |            |           |
| 401385.13  | 3825447.84         | 1.89601 | (16111908) | 401366.04 |
| 3825463.25 | 1.92883 (16111908) |         |            |           |
| 401346.95  | 3825478.66         | 1.95006 | (16111908) | 401327.87 |
| 3825494.07 | 1.95814 (16111908) |         |            |           |
| 401308.78  | 3825509.48         | 1.97948 | (16111908) | 401289.69 |
| 3825524.89 | 1.99509 (16111908) |         |            |           |
| 401270.60  | 3825540.30         | 1.99925 | (16111908) | 401251.52 |
| 3825555.71 | 2.00244 (16111908) |         |            |           |
| 401232.43  | 3825571.11         | 1.99004 | (16111908) | 401213.34 |
| 3825586.52 | 1.97155 (16111908) |         |            |           |
| 401194.25  | 3825601.93         | 1.94858 | (16111908) | 401175.17 |
| 3825617.34 | 1.91596 (16111908) |         |            |           |
| 401156.08  | 3825632.75         | 1.87471 | (16111908) | 401136.99 |
| 3825648.16 | 1.83186 (16111908) |         |            |           |
| 401117.91  | 3825663.57         | 1.78918 | (16111908) | 401098.82 |
| 3825678.98 | 1.80075 (20052506) |         |            |           |
| 401079.73  | 3825694.39         | 1.84294 | (20052506) | 401060.64 |
| 3825709.80 | 1.87637 (20052506) |         |            |           |
| 401041.56  | 3825725.21         | 1.90194 | (20052506) | 401022.47 |
| 3825740.62 | 1.92415 (20052506) |         |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 401003.38  | 3825756.02 | 1.93174    | (20052506) | 400984.29 |
| 3825771.43 | 1.93364    | (20052506) |            |           |
| 400965.21  | 3825786.84 | 1.93013    | (20052506) | 400946.12 |
| 3825802.25 | 1.92522    | (20052506) |            |           |
| 400927.03  | 3825817.66 | 1.91637    | (20052506) | 400907.94 |
| 3825833.07 | 1.90029    | (20052506) |            |           |
| 400888.86  | 3825848.48 | 1.87855    | (20052506) | 400869.77 |
| 3825863.89 | 1.85354    | (20052506) |            |           |
| 400850.68  | 3825879.30 | 1.81652    | (20052506) | 400831.59 |
| 3825894.71 | 1.77661    | (20052506) |            |           |
| 400812.51  | 3825910.12 | 1.73843    | (20052506) | 400793.42 |
| 3825925.52 | 1.69912    | (20052506) |            |           |
| 400774.33  | 3825940.93 | 1.64708    | (20052506) | 400755.24 |
| 3825956.34 | 1.61746    | (19101607) |            |           |
| 400736.16  | 3825971.75 | 1.59525    | (19101607) | 400717.07 |
| 3825987.16 | 1.57800    | (19101607) |            |           |
| 400697.98  | 3826002.57 | 1.60428    | (16040207) | 400678.90 |
| 3826017.98 | 1.62817    | (16040207) |            |           |
| 400659.81  | 3826033.39 | 1.64990    | (16040207) | 400640.72 |
| 3826048.80 | 1.66969    | (16040207) |            |           |
| 400621.63  | 3826064.21 | 1.68710    | (16040207) | 400602.55 |
| 3826079.62 | 1.70182    | (16040207) |            |           |
| 400583.46  | 3826095.03 | 1.71388    | (16040207) | 400564.37 |
| 3826110.43 | 1.72352    | (16040207) |            |           |
| 400545.28  | 3826125.84 | 1.73038    | (16040207) | 400526.20 |
| 3826141.25 | 1.73377    | (16040207) |            |           |
| 400507.11  | 3826156.66 | 1.73419    | (16040207) | 400488.02 |
| 3826172.07 | 1.73202    | (16040207) |            |           |
| 400468.93  | 3826187.48 | 1.72715    | (16040207) | 400449.85 |
| 3826202.89 | 1.71946    | (16040207) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 535

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 400430.76  | 3826218.30         | 1.70901 | (16040207) | 400411.67 |
| 3826233.71 | 1.69580 (16040207) |         |            |           |
| 400392.58  | 3826249.12         | 1.68014 | (16040207) | 400373.50 |
| 3826264.53 | 1.66261 (16040207) |         |            |           |
| 400354.41  | 3826279.93         | 1.64277 | (16040207) | 400335.32 |
| 3826295.34 | 1.62028 (16040207) |         |            |           |
| 400316.23  | 3826310.75         | 1.59536 | (16040207) | 400297.15 |
| 3826326.16 | 1.56757 (16040207) |         |            |           |
| 400278.06  | 3826341.57         | 1.53731 | (16040207) | 400258.97 |
| 3826356.98 | 1.54308 (17091607) |         |            |           |
| 400239.88  | 3826372.39         | 1.58972 | (17091607) | 400220.80 |
| 3826387.80 | 1.63546 (17091607) |         |            |           |
| 400201.71  | 3826403.21         | 1.68001 | (17091607) | 400182.62 |
| 3826418.62 | 1.72308 (17091607) |         |            |           |
| 400163.54  | 3826434.03         | 1.76435 | (17091607) | 400144.45 |
| 3826449.43 | 1.80351 (17091607) |         |            |           |
| 400125.36  | 3826464.84         | 1.84066 | (17091607) | 400106.27 |
| 3826480.25 | 1.87565 (17091607) |         |            |           |
| 400087.19  | 3826495.66         | 1.90822 | (17091607) | 400068.10 |
| 3826511.07 | 1.93819 (17091607) |         |            |           |
| 400049.01  | 3826526.48         | 1.96577 | (17091607) | 400029.92 |
| 3826541.89 | 1.99071 (17091607) |         |            |           |
| 400010.84  | 3826557.30         | 2.01263 | (17091607) | 399991.75 |
| 3826572.71 | 2.03157 (17091607) |         |            |           |
| 399972.66  | 3826588.12         | 2.04758 | (17091607) | 399953.57 |
| 3826603.53 | 2.06058 (17091607) |         |            |           |
| 399934.49  | 3826618.94         | 2.07045 | (17091607) | 399915.40 |
| 3826634.34 | 2.07715 (17091607) |         |            |           |
| 399896.31  | 3826649.75         | 2.08069 | (17091607) | 399877.22 |
| 3826665.16 | 2.08097 (17091607) |         |            |           |
| 399858.14  | 3826680.57         | 2.07791 | (17091607) | 399839.05 |
| 3826695.98 | 2.07194 (17091607) |         |            |           |
| 399819.96  | 3826711.39         | 2.06281 | (17091607) | 399800.87 |
| 3826726.80 | 2.05048 (17091607) |         |            |           |
| 399781.79  | 3826742.21         | 2.03513 | (17091607) | 399762.70 |
| 3826757.62 | 2.01709 (17091607) |         |            |           |
| 399743.61  | 3826773.03         | 1.99639 | (17091607) | 399724.53 |
| 3826788.44 | 1.97294 (17091607) |         |            |           |
| 399705.44  | 3826803.84         | 1.94682 | (17091607) | 399686.35 |
| 3826819.25 | 1.91832 (17091607) |         |            |           |
| 399667.26  | 3826834.66         | 1.90933 | (19092507) | 399648.18 |
| 3826850.07 | 1.97220 (19092507) |         |            |           |
| 399629.09  | 3826865.48         | 2.03404 | (19092507) | 399585.48 |
| 3826881.59 | 2.15355 (19092507) |         |            |           |
| 399560.96  | 3826882.29         | 2.21117 | (19092507) | 399536.44 |
| 3826883.00 | 2.26731 (19092507) |         |            |           |
| 399511.92  | 3826883.70         | 2.32174 | (19092507) | 399487.40 |
| 3826884.40 | 2.37427 (19092507) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399462.87  | 3826885.10 | 2.42474    | (19092507) | 399438.35 |
| 3826885.81 | 2.47293    | (19092507) |            |           |
| 399413.83  | 3826886.51 | 2.51864    | (19092507) | 399389.31 |
| 3826887.21 | 2.56169    | (19092507) |            |           |
| 399364.79  | 3826887.91 | 2.60190    | (19092507) | 399340.27 |
| 3826888.62 | 2.63910    | (19092507) |            |           |
| 399315.75  | 3826889.32 | 2.67310    | (19092507) | 399291.23 |
| 3826890.02 | 2.70379    | (19092507) |            |           |
| 399266.71  | 3826890.72 | 2.73101    | (19092507) | 399242.19 |
| 3826891.43 | 2.75463    | (19092507) |            |           |
| 399217.67  | 3826892.13 | 2.77459    | (19092507) | 399193.14 |
| 3826892.83 | 2.79073    | (19092507) |            |           |
| 399168.62  | 3826893.53 | 2.80295    | (19092507) | 399144.10 |
| 3826894.23 | 2.81125    | (19092507) |            |           |
| 399119.58  | 3826894.94 | 2.81556    | (19092507) | 399095.06 |
| 3826895.64 | 2.81579    | (19092507) |            |           |
| 399070.54  | 3826896.34 | 2.81198    | (19092507) | 399046.02 |
| 3826897.04 | 2.80413    | (19092507) |            |           |
| 399021.50  | 3826897.75 | 2.79220    | (19092507) | 398996.98 |
| 3826898.45 | 2.77629    | (19092507) |            |           |
| 398972.46  | 3826899.15 | 2.75646    | (19092507) | 398947.94 |
| 3826899.85 | 2.73274    | (19092507) |            |           |
| 398923.41  | 3826900.56 | 2.70520    | (19092507) | 398898.89 |
| 3826901.26 | 2.67397    | (19092507) |            |           |
| 398874.37  | 3826901.96 | 2.63917    | (19092507) | 398849.85 |
| 3826902.66 | 2.64673    | (20021908) |            |           |
| 398825.33  | 3826903.36 | 2.67029    | (20021908) | 398800.81 |
| 3826904.07 | 2.69010    | (20021908) |            |           |
| 398776.29  | 3826904.77 | 2.70605    | (20021908) | 398751.77 |
| 3826905.47 | 2.71803    | (20021908) |            |           |
| 398727.25  | 3826906.17 | 2.72599    | (20021908) | 398702.73 |
| 3826906.88 | 2.72986    | (20021908) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 536

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 398678.20                  | 3826907.58                     | 2.72962 | (20021908) | 398653.68   |
| 3826908.28                 | 2.72525 (20021908)             |         |            |             |
| 398629.16                  | 3826908.98                     | 2.71678 | (20021908) | 398604.64   |
| 3826909.69                 | 2.70422 (20021908)             |         |            |             |
| 398580.12                  | 3826910.39                     | 2.68764 | (20021908) | 398555.60   |
| 3826911.09                 | 2.66710 (20021908)             |         |            |             |
| 398531.08                  | 3826911.79                     | 2.67850 | (16040407) | 398506.56   |
| 3826912.49                 | 2.71788 (16040407)             |         |            |             |
| 398482.04                  | 3826913.20                     | 2.75366 | (16040407) | 398457.52   |
| 3826913.90                 | 2.78567 (16040407)             |         |            |             |
| 398433.00                  | 3826914.60                     | 2.81368 | (16040407) | 398408.47   |
| 3826915.30                 | 2.83764 (16040407)             |         |            |             |
| 398383.95                  | 3826916.01                     | 2.85736 | (16040407) | 398359.43   |
| 3826916.71                 | 2.87276 (16040407)             |         |            |             |
| 398334.91                  | 3826917.41                     | 2.88374 | (16040407) | 398310.39   |
| 3826918.11                 | 2.89034 (16040407)             |         |            |             |
| 398285.87                  | 3826918.82                     | 2.89236 | (16040407) | 398261.35   |
| 3826919.52                 | 2.88983 (16040407)             |         |            |             |
| 398236.83                  | 3826920.22                     | 2.88278 | (16040407) | 398212.31   |
| 3826920.92                 | 2.87120 (16040407)             |         |            |             |
| 398187.79                  | 3826921.62                     | 2.85515 | (16040407) | 398163.26   |
| 3826922.33                 | 2.83466 (16040407)             |         |            |             |
| 398138.74                  | 3826923.03                     | 2.80984 | (16040407) | 398114.22   |
| 3826923.73                 | 2.78078 (16040407)             |         |            |             |
| 398089.70                  | 3826924.43                     | 2.74760 | (16040407) | 398065.18   |
| 3826925.14                 | 2.71043 (16040407)             |         |            |             |
| 398040.66                  | 3826925.84                     | 2.67055 | (18061206) | 398016.14   |
| 3826926.54                 | 2.69490 (18061206)             |         |            |             |
| 397991.62                  | 3826927.24                     | 2.71516 | (18061206) | 397967.10   |
| 3826927.95                 | 2.73114 (18061206)             |         |            |             |
| 397942.58                  | 3826928.65                     | 2.74275 | (18061206) | 397918.06   |
| 3826929.35                 | 2.74993 (18061206)             |         |            |             |
| 397893.53                  | 3826930.05                     | 2.75270 | (18061206) | 397869.01   |
| 3826930.75                 | 2.75100 (18061206)             |         |            |             |
| 397844.49                  | 3826931.46                     | 2.74481 | (18061206) | 397819.97   |
| 3826932.16                 | 2.73416 (18061206)             |         |            |             |
| 397795.45                  | 3826932.86                     | 2.71901 | (18061206) | 397770.93   |
| 3826933.56                 | 2.69958 (18061206)             |         |            |             |
| 397746.41                  | 3826934.27                     | 2.67588 | (18061206) | 397721.89   |
| 3826934.97                 | 2.64800 (18061206)             |         |            |             |
| 397697.37                  | 3826935.67                     | 2.61601 | (18061206) | 397672.85   |
| 3826936.37                 | 2.58012 (18061206)             |         |            |             |
| 397648.33                  | 3826937.08                     | 2.54057 | (18061206) | 397623.80   |
| 3826937.78                 | 2.49744 (18061206)             |         |            |             |
| 397599.28                  | 3826938.48                     | 2.45076 | (18061206) | 397574.76   |
| 3826939.18                 | 2.40089 (18061206)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397550.24  | 3826939.88 | 2.34824    | (18061206) | 397525.72 |
| 3826940.59 | 2.29285    | (18061206) |            |           |
| 397501.20  | 3826941.29 | 2.23491    | (18061206) | 397476.68 |
| 3826941.99 | 2.17474    | (18061206) |            |           |
| 397452.16  | 3826942.69 | 2.11253    | (18061206) | 397427.64 |
| 3826943.40 | 2.04857    | (18061206) |            |           |
| 397403.12  | 3826944.10 | 2.04840    | (16092307) | 397378.59 |
| 3826944.80 | 2.07463    | (16092307) |            |           |
| 397354.07  | 3826945.50 | 2.09516    | (16092307) | 397329.55 |
| 3826946.21 | 2.11043    | (16092307) |            |           |
| 397305.03  | 3826946.91 | 2.11938    | (16092307) | 397280.51 |
| 3826947.61 | 2.11913    | (16092307) |            |           |
| 397255.99  | 3826948.31 | 2.10413    | (16092307) | 397231.47 |
| 3826949.01 | 2.08409    | (16092307) |            |           |
| 397206.95  | 3826949.72 | 2.06546    | (16092307) | 397182.43 |
| 3826950.42 | 2.04639    | (16092307) |            |           |
| 397157.91  | 3826951.12 | 2.02156    | (16092307) | 397133.39 |
| 3826951.82 | 2.05209    | (18092707) |            |           |
| 397108.86  | 3826952.53 | 2.10719    | (18092707) | 397084.34 |
| 3826953.23 | 2.16064    | (18092707) |            |           |
| 397059.82  | 3826953.93 | 2.21224    | (18092707) | 397035.30 |
| 3826954.63 | 2.24645    | (18092707) |            |           |
| 397010.78  | 3826955.34 | 2.26075    | (18092707) | 396986.26 |
| 3826956.04 | 2.28429    | (18092707) |            |           |
| 396961.74  | 3826956.74 | 2.30129    | (18092707) | 396937.22 |
| 3826957.44 | 2.31158    | (18092707) |            |           |
| 396912.70  | 3826958.15 | 2.31608    | (18092707) | 396888.18 |
| 3826958.85 | 2.31749    | (18092707) |            |           |
| 396863.65  | 3826959.55 | 2.31131    | (18092707) | 396839.13 |
| 3826960.25 | 2.29322    | (18092707) |            |           |
| 396814.61  | 3826960.95 | 2.27719    | (18092707) | 396790.09 |
| 3826961.66 | 2.26960    | (16022108) |            |           |
| 396765.57  | 3826962.36 | 2.33853    | (16022108) | 396741.05 |
| 3826963.06 | 2.40533    | (16022108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 537

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------------------------------|--------------------|-------------|
| 396716.53                  | 3826963.76                        | 2.46972 (16022108) | 396692.01   |
| 3826964.47                 | 2.53137 (16022108)                |                    |             |
| 396667.49                  | 3826965.17                        | 2.59001 (16022108) | 396642.97   |
| 3826965.87                 | 2.64535 (16022108)                |                    |             |
| 396618.45                  | 3826966.57                        | 2.69709 (16022108) | 396593.92   |
| 3826967.28                 | 2.74501 (16022108)                |                    |             |
| 396569.40                  | 3826967.98                        | 2.78885 (16022108) | 396544.88   |
| 3826968.68                 | 2.82846 (16022108)                |                    |             |
| 396520.36                  | 3826969.38                        | 2.86349 (16022108) | 396495.84   |
| 3826970.08                 | 2.89377 (16022108)                |                    |             |
| 396471.32                  | 3826970.79                        | 2.91918 (16022108) | 396446.80   |
| 3826971.49                 | 2.93952 (16022108)                |                    |             |
| 396422.28                  | 3826972.19                        | 2.95467 (16022108) | 396397.76   |
| 3826972.89                 | 2.96455 (16022108)                |                    |             |
| 396373.24                  | 3826973.60                        | 2.96937 (16022108) | 396348.72   |
| 3826974.30                 | 2.96885 (16022108)                |                    |             |
| 396324.19                  | 3826975.00                        | 2.96294 (16022108) | 396299.67   |
| 3826975.70                 | 2.95176 (16022108)                |                    |             |
| 396275.15                  | 3826976.41                        | 2.93535 (16022108) | 396250.63   |
| 3826977.11                 | 2.91379 (16022108)                |                    |             |
| 396226.11                  | 3826977.81                        | 2.88714 (16022108) | 396201.59   |
| 3826978.51                 | 2.85553 (16022108)                |                    |             |
| 396177.07                  | 3826979.21                        | 2.81916 (16022108) | 396152.55   |
| 3826979.92                 | 2.77826 (16022108)                |                    |             |
| 396128.03                  | 3826980.62                        | 2.73303 (16022108) | 396103.51   |
| 3826981.32                 | 2.68377 (16022108)                |                    |             |
| 396078.98                  | 3826982.02                        | 2.63081 (16022108) | 396054.46   |
| 3826982.73                 | 2.57430 (16022108)                |                    |             |
| 396029.94                  | 3826983.43                        | 2.56047 (18092907) | 396005.42   |
| 3826984.13                 | 2.54679 (18092907)                |                    |             |
| 395980.90                  | 3826984.83                        | 2.47690 (18092907) | 395956.38   |
| 3826985.54                 | 2.38711 (18092907)                |                    |             |
| 395931.86                  | 3826986.24                        | 2.40194 (20111308) | 395907.34   |
| 3826986.94                 | 2.48979 (20111308)                |                    |             |
| 395882.82                  | 3826987.64                        | 2.57629 (20111308) | 395858.30   |
| 3826988.34                 | 2.66096 (20111308)                |                    |             |
| 395833.78                  | 3826989.05                        | 2.74336 (20111308) | 395809.25   |
| 3826989.75                 | 2.82325 (20111308)                |                    |             |
| 395784.73                  | 3826990.45                        | 2.90014 (20111308) | 395760.21   |
| 3826991.15                 | 2.97365 (20111308)                |                    |             |
| 395735.69                  | 3826991.86                        | 3.04351 (20111308) | 395711.17   |
| 3826992.56                 | 3.10934 (20111308)                |                    |             |
| 395686.65                  | 3826993.26                        | 3.17077 (20111308) | 395662.13   |
| 3826993.96                 | 3.22753 (20111308)                |                    |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395637.61  | 3826994.67 | 3.27934    | (20111308) | 395613.09 |
| 3826995.37 | 3.32592    | (20111308) |            |           |
| 395588.57  | 3826996.07 | 3.36699    | (20111308) | 395564.05 |
| 3826996.77 | 3.40244    | (20111308) |            |           |
| 395539.52  | 3826997.47 | 3.43200    | (20111308) | 395515.00 |
| 3826998.18 | 3.45532    | (20111308) |            |           |
| 395490.48  | 3826998.88 | 3.47256    | (20111308) | 395465.96 |
| 3826999.58 | 3.48354    | (20111308) |            |           |
| 395441.44  | 3827000.28 | 3.48797    | (20111308) | 395416.92 |
| 3827000.99 | 3.48605    | (20111308) |            |           |
| 395392.40  | 3827001.69 | 3.47795    | (20111308) | 395367.88 |
| 3827002.39 | 3.46350    | (20111308) |            |           |
| 395343.36  | 3827003.09 | 3.44266    | (20111308) | 395318.84 |
| 3827003.80 | 3.41570    | (20111308) |            |           |
| 395294.31  | 3827004.50 | 3.38301    | (20111308) | 395269.79 |
| 3827005.20 | 3.34437    | (20111308) |            |           |
| 395245.27  | 3827005.90 | 3.30015    | (20111308) | 395220.75 |
| 3827006.60 | 3.25058    | (20111308) |            |           |
| 395196.23  | 3827007.31 | 3.20060    | (20092207) | 395171.71 |
| 3827008.01 | 3.22875    | (20092207) |            |           |
| 395147.19  | 3827008.71 | 3.25127    | (20092207) | 395122.67 |
| 3827009.41 | 3.26757    | (20092207) |            |           |
| 395098.15  | 3827010.12 | 3.27836    | (20092207) | 395073.63 |
| 3827010.82 | 3.28321    | (20092207) |            |           |
| 395049.11  | 3827011.52 | 3.28185    | (20092207) | 395024.58 |
| 3827012.22 | 3.27445    | (20092207) |            |           |
| 395000.06  | 3827012.93 | 3.26102    | (20092207) | 394975.54 |
| 3827013.63 | 3.27367    | (16092707) |            |           |
| 394951.02  | 3827014.33 | 3.31518    | (16092707) | 394926.50 |
| 3827015.03 | 3.39098    | (16092707) |            |           |
| 394901.98  | 3827015.73 | 3.49160    | (16092707) | 394877.46 |
| 3827016.44 | 3.53628    | (16092707) |            |           |
| 394852.94  | 3827017.14 | 3.54724    | (16092707) | 394828.42 |
| 3827017.84 | 3.56885    | (16092707) |            |           |
| 394803.90  | 3827018.54 | 3.60585    | (16092707) | 394779.37 |
| 3827019.25 | 3.60553    | (16092707) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 538

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL                      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |            | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|----------------------------|------------|---------------------|------------|----------|------------|-------------|
| -----                      |            |                     |            |          |            |             |
| 394754.85                  | 3827020.65 | 3827019.95          | (16092707) | 3.57090  | (16092707) | 394730.33   |
| 394705.81                  | 3827022.06 | 3827021.35          | (18021708) | 3.54997  | (16092707) | 394681.29   |
| 394656.77                  | 3827023.46 | 3827022.76          | (18021708) | 3.76828  | (18021708) | 394632.25   |
| 394607.73                  | 3827024.87 | 3827024.16          | (18021708) | 4.30977  | (18021708) | 394583.21   |
| 394558.69                  | 3827026.27 | 3827025.57          | (18021708) | 4.74190  | (18021708) | 394534.17   |
| 394509.64                  | 3827027.67 | 3827026.97          | (18021708) | 5.15332  | (18021708) | 394485.12   |
| 394460.60                  | 3827029.08 | 3827028.38          | (18021708) | 5.58407  | (18021708) | 394436.08   |
| 394411.56                  | 3827030.48 | 3827029.78          | (19122906) | 5.93899  | (19122906) | 394387.04   |
| 394362.52                  | 3827031.89 | 3827031.19          | (19122906) | 7.03258  | (19122906) | 394338.00   |
| 394313.48                  | 3827033.29 | 3827032.59          | (19122906) | 7.66511  | (19122906) | 394288.96   |
| 394264.44                  | 3827034.70 | 3827034.00          | (19122906) | 7.86531  | (19122906) | 394239.91   |
| 394215.39                  | 3827036.10 | 3827035.40          | (18010220) | 8.16581  | (18010220) | 394190.87   |
| 394166.35                  | 3827037.51 | 3827036.80          | (18010220) | 8.71318  | (18010220) | 394141.83   |
| 394117.31                  | 3827038.91 | 3827038.21          | (18010220) | 9.01894  | (18010220) | 394092.79   |
| 394068.27                  | 3827040.32 | 3827039.61          | (18010220) | 8.95124  | (18010220) | 394043.75   |
| 394019.23                  | 3827041.72 | 3827041.02          | (16050324) | 9.06144  | (16050324) | 393994.70   |
| 393970.18                  | 3827043.13 | 3827042.42          | (16050324) | 9.57734  | (16050324) | 393945.66   |
| 393921.14                  | 3827044.53 | 3827043.83          | (16050324) | 10.47526 | (16050324) | 393896.62   |
| 393872.10                  | 3827045.93 | 3827045.23          | (16050324) | 10.56298 | (16050324) | 393847.58   |
| 393823.06                  | 3827047.34 | 3827046.64          | (17010802) | 12.37096 | (17010802) | 393798.54   |
| 393774.02                  | 3827048.74 | 3827048.04          | (17010802) | 14.66363 | (17010802) | 393749.50   |
| 14.32963                   |            | (17010802)          |            |          |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393724.97  | 3827049.45 | 14.31505   | (17010802) | 393700.45 |
| 3827050.15 | 14.70536   | (17010802) |            |           |
| 393675.93  | 3827050.85 | 14.84843   | (17010802) | 393651.41 |
| 3827051.55 | 14.56619   | (19120218) |            |           |
| 393626.89  | 3827052.26 | 14.61358   | (19120218) | 393602.37 |
| 3827052.96 | 15.01236   | (19120218) |            |           |
| 393577.85  | 3827053.66 | 15.33306   | (19120218) | 393553.33 |
| 3827054.36 | 15.84494   | (19120218) |            |           |
| 393528.81  | 3827055.06 | 17.27849   | (19120218) | 393504.29 |
| 3827055.77 | 18.57282   | (19120218) |            |           |
| 393479.76  | 3827056.47 | 19.06510   | (19120218) | 393455.24 |
| 3827057.17 | 19.36975   | (19120218) |            |           |
| 393430.72  | 3827057.87 | 19.54700   | (19120218) | 393406.20 |
| 3827058.58 | 19.11920   | (18120306) |            |           |
| 393381.68  | 3827059.28 | 18.09199   | (18120306) | 393357.16 |
| 3827059.98 | 16.28882   | (18120306) |            |           |
| 393332.64  | 3827060.68 | 15.23784   | (16102921) | 393308.12 |
| 3827061.39 | 14.85656   | (16102921) |            |           |
| 393283.60  | 3827062.09 | 14.79534   | (16102921) | 393259.08 |
| 3827062.79 | 15.35036   | (16102921) |            |           |
| 393234.56  | 3827063.49 | 15.82704   | (16102921) | 393210.03 |
| 3827064.19 | 15.40487   | (16102921) |            |           |
| 393185.51  | 3827064.90 | 16.01290   | (16102921) | 393160.99 |
| 3827065.60 | 17.50026   | (16102921) |            |           |
| 393136.47  | 3827066.30 | 18.89172   | (16102921) | 393111.95 |
| 3827067.00 | 20.68611   | (16102921) |            |           |
| 393087.43  | 3827067.71 | 22.62062   | (17111118) | 393062.91 |
| 3827068.41 | 24.53857   | (17111118) |            |           |
| 393038.39  | 3827069.11 | 26.03523   | (17111118) | 393013.87 |
| 3827069.81 | 26.97851   | (17111118) |            |           |
| 392989.35  | 3827070.52 | 26.87246   | (17111118) | 392964.83 |
| 3827071.22 | 25.50251   | (17111118) |            |           |
| 392940.30  | 3827071.92 | 23.71767   | (17111118) | 392915.78 |
| 3827072.62 | 22.69555   | (17111118) |            |           |
| 404839.95  | 3822658.79 | 2.59707    | (20020908) | 404853.15 |
| 3822638.03 | 2.66899    | (20020908) |            |           |
| 405945.96  | 3823389.65 | 2.20989    | (20020908) | 405926.83 |
| 3823405.10 | 2.15064    | (20020908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 539

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|--------------------|----------------|------------|--------------------|--|
|             |                    | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |  |
| -----       |                    |                |            |                    |  |
| -----       |                    |                |            |                    |  |
| 405907.70   | 3823420.54         | 2.13385        | (18112008) | 405888.57          |  |
| 3823435.99  | 2.19535 (18112008) |                |            |                    |  |
| 405869.43   | 3823451.43         | 2.25430        | (18112008) | 405850.30          |  |
| 3823466.88  | 2.30940 (18112008) |                |            |                    |  |
| 405831.17   | 3823482.33         | 2.36130        | (18112008) | 405812.03          |  |
| 3823497.77  | 2.40996 (18112008) |                |            |                    |  |
| 405792.90   | 3823513.22         | 2.45434        | (18112008) | 405773.77          |  |
| 3823528.66  | 2.49440 (18112008) |                |            |                    |  |
| 405754.63   | 3823544.11         | 2.52827        | (18112008) | 405735.50          |  |
| 3823559.56  | 2.55814 (18112008) |                |            |                    |  |
| 405716.37   | 3823575.00         | 2.57817        | (18112008) | 405697.23          |  |
| 3823590.45  | 2.58923 (18112008) |                |            |                    |  |
| 405678.10   | 3823605.90         | 2.60208        | (18112008) | 405658.97          |  |
| 3823621.34  | 2.60692 (18112008) |                |            |                    |  |
| 405639.83   | 3823636.79         | 2.62374        | (18112008) | 405620.70          |  |
| 3823652.23  | 2.62170 (18112008) |                |            |                    |  |
| 405601.57   | 3823667.68         | 2.60949        | (18112008) | 405582.43          |  |
| 3823683.13  | 2.59357 (18112008) |                |            |                    |  |
| 405563.30   | 3823698.57         | 2.58758        | (18112008) | 405544.17          |  |
| 3823714.02  | 2.56522 (18112008) |                |            |                    |  |
| 405525.04   | 3823729.46         | 2.53451        | (18112008) | 405505.90          |  |
| 3823744.91  | 2.50020 (18112008) |                |            |                    |  |
| 405486.77   | 3823760.36         | 2.47245        | (18112008) | 405467.64          |  |
| 3823775.80  | 2.46876 (16051206) |                |            |                    |  |
| 405448.50   | 3823791.25         | 2.46728        | (16051206) | 405429.37          |  |
| 3823806.69  | 2.46244 (16051206) |                |            |                    |  |
| 405410.24   | 3823822.14         | 2.45787        | (16051206) | 405391.10          |  |
| 3823837.59  | 2.44886 (16051206) |                |            |                    |  |
| 405371.97   | 3823853.03         | 2.43545        | (16051206) | 405352.84          |  |
| 3823868.48  | 2.40270 (16051206) |                |            |                    |  |
| 405333.70   | 3823883.92         | 2.40779        | (20122416) | 405314.57          |  |
| 3823899.37  | 2.42314 (20122416) |                |            |                    |  |
| 405295.44   | 3823914.82         | 2.42450        | (20122416) | 405276.30          |  |
| 3823930.26  | 2.42577 (20122416) |                |            |                    |  |
| 405257.17   | 3823945.71         | 2.43361        | (20122416) | 405238.04          |  |
| 3823961.15  | 2.42676 (20122416) |                |            |                    |  |
| 405218.90   | 3823976.60         | 2.40831        | (20122416) | 405199.77          |  |
| 3823992.05  | 2.39344 (20122416) |                |            |                    |  |
| 405180.64   | 3824007.49         | 2.37888        | (20122416) | 405161.50          |  |
| 3824022.94  | 2.34841 (20122416) |                |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 405142.37  | 3824038.38         | 2.30896 | (20122416) | 405123.24 |
| 3824053.83 | 2.26821 (20122416) |         |            |           |
| 405104.11  | 3824069.28         | 2.22500 | (20122416) | 405084.97 |
| 3824084.72 | 2.18253 (20122416) |         |            |           |
| 405065.84  | 3824100.17         | 2.13929 | (20122416) | 405046.71 |
| 3824115.62 | 2.08641 (20122416) |         |            |           |
| 405027.57  | 3824131.06         | 2.08807 | (17040507) | 405008.44 |
| 3824146.51 | 2.13049 (17040507) |         |            |           |
| 404989.31  | 3824161.95         | 2.17116 | (17040507) | 404970.17 |
| 3824177.40 | 2.20991 (17040507) |         |            |           |
| 404951.04  | 3824192.85         | 2.24652 | (17040507) | 404931.91 |
| 3824208.29 | 2.28082 (17040507) |         |            |           |
| 404912.77  | 3824223.74         | 2.31272 | (17040507) | 404893.64 |
| 3824239.18 | 2.34203 (17040507) |         |            |           |
| 404874.51  | 3824254.63         | 2.36879 | (17040507) | 404855.37 |
| 3824270.08 | 2.39298 (17040507) |         |            |           |
| 404836.24  | 3824285.52         | 2.41434 | (17040507) | 404817.11 |
| 3824300.97 | 2.43291 (17040507) |         |            |           |
| 404797.97  | 3824316.41         | 2.44858 | (17040507) | 404778.84 |
| 3824331.86 | 2.46085 (17040507) |         |            |           |
| 404759.71  | 3824347.31         | 2.46996 | (17040507) | 404740.58 |
| 3824362.75 | 2.47612 (17040507) |         |            |           |
| 404721.44  | 3824378.20         | 2.47916 | (17040507) | 404702.31 |
| 3824393.64 | 2.47909 (17040507) |         |            |           |
| 404683.18  | 3824409.09         | 2.47561 | (17040507) | 404664.04 |
| 3824424.54 | 2.46888 (17040507) |         |            |           |
| 404644.91  | 3824439.98         | 2.45910 | (17040507) | 404625.78 |
| 3824455.43 | 2.44622 (17040507) |         |            |           |
| 404606.64  | 3824470.87         | 2.43017 | (17040507) | 404587.51 |
| 3824486.32 | 2.41120 (17040507) |         |            |           |
| 404568.38  | 3824501.77         | 2.38922 | (17040507) | 404549.24 |
| 3824517.21 | 2.36441 (17040507) |         |            |           |
| 404530.11  | 3824532.66         | 2.33681 | (17040507) | 404510.98 |
| 3824548.11 | 2.30649 (17040507) |         |            |           |
| 404491.84  | 3824563.55         | 2.27355 | (17040507) | 404472.71 |
| 3824579.00 | 2.23813 (17040507) |         |            |           |
| 404453.58  | 3824594.44         | 2.20027 | (17040507) | 404434.44 |
| 3824609.89 | 2.16030 (17040507) |         |            |           |
| 404415.31  | 3824625.34         | 2.13861 | (16040507) | 404396.18 |
| 3824640.78 | 2.19647 (16040507) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 540

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|-------------|----------------|------------|--------------------|-------------|
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |             |
| 404377.05   | 3824656.23  | 2.25298        | (16040507) |                    | 404357.91   |
| 3824671.67  | 2.30797     | (16040507)     |            |                    |             |
| 404338.78   | 3824687.12  | 2.36117        | (16040507) |                    | 404319.65   |
| 3824702.57  | 2.41241     | (16040507)     |            |                    |             |
| 404300.51   | 3824718.01  | 2.46152        | (16040507) |                    | 404281.38   |
| 3824733.46  | 2.50833     | (16040507)     |            |                    |             |
| 404262.25   | 3824748.90  | 2.55264        | (16040507) |                    | 404243.11   |
| 3824764.35  | 2.59432     | (16040507)     |            |                    |             |
| 404223.98   | 3824779.80  | 2.63319        | (16040507) |                    | 404204.85   |
| 3824795.24  | 2.66910     | (16040507)     |            |                    |             |
| 404185.71   | 3824810.69  | 2.70193        | (16040507) |                    | 404166.58   |
| 3824826.13  | 2.73147     | (16040507)     |            |                    |             |
| 404147.45   | 3824841.58  | 2.75765        | (16040507) |                    | 404128.31   |
| 3824857.03  | 2.78047     | (16040507)     |            |                    |             |
| 404109.18   | 3824872.47  | 2.79968        | (16040507) |                    | 404090.05   |
| 3824887.92  | 2.81526     | (16040507)     |            |                    |             |
| 404070.91   | 3824903.36  | 2.82713        | (16040507) |                    | 404051.78   |
| 3824918.81  | 2.83525     | (16040507)     |            |                    |             |
| 404032.65   | 3824934.26  | 2.83957        | (16040507) |                    | 404013.51   |
| 3824949.70  | 2.84007     | (16040507)     |            |                    |             |
| 403994.38   | 3824965.15  | 2.83675        | (16040507) |                    | 403975.25   |
| 3824980.60  | 2.82960     | (16040507)     |            |                    |             |
| 403956.12   | 3824996.04  | 2.81868        | (16040507) |                    | 403936.98   |
| 3825011.49  | 2.80399     | (16040507)     |            |                    |             |
| 403917.85   | 3825026.93  | 2.78561        | (16040507) |                    | 403898.72   |
| 3825042.38  | 2.76359     | (16040507)     |            |                    |             |
| 403879.58   | 3825057.83  | 2.73802        | (16040507) |                    | 403860.45   |
| 3825073.27  | 2.70902     | (16040507)     |            |                    |             |
| 403841.32   | 3825088.72  | 2.67666        | (16040507) |                    | 403822.18   |
| 3825104.16  | 2.64107     | (16040507)     |            |                    |             |
| 403803.05   | 3825119.61  | 2.60239        | (16040507) |                    | 403783.92   |
| 3825135.06  | 2.56077     | (16040507)     |            |                    |             |
| 403764.78   | 3825150.50  | 2.51637        | (16040507) |                    | 403745.65   |
| 3825165.95  | 2.46935     | (16040507)     |            |                    |             |
| 403726.52   | 3825181.39  | 2.41987        | (16040507) |                    | 403707.38   |
| 3825196.84  | 2.36808     | (16040507)     |            |                    |             |
| 403688.25   | 3825212.29  | 2.31424        | (16040507) |                    | 403669.12   |
| 3825227.73  | 2.25854     | (16040507)     |            |                    |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403649.98  | 3825243.18         | 2.20107 | (16040507) | 403630.85 |
| 3825258.62 | 2.14213 (16040507) |         |            |           |
| 403611.72  | 3825274.07         | 2.08187 | (16040507) | 403592.59 |
| 3825289.52 | 2.02050 (16040507) |         |            |           |
| 403573.45  | 3825304.96         | 1.95820 | (16040507) | 403554.32 |
| 3825320.41 | 1.89518 (16040507) |         |            |           |
| 403535.19  | 3825335.85         | 1.83164 | (16040507) | 403516.05 |
| 3825351.30 | 1.86056 (19092207) |         |            |           |
| 403496.92  | 3825366.75         | 1.89572 | (19092207) | 403477.79 |
| 3825382.19 | 1.93039 (19092207) |         |            |           |
| 403458.65  | 3825397.64         | 1.96376 | (19092207) | 403439.52 |
| 3825413.09 | 1.99358 (19092207) |         |            |           |
| 403420.39  | 3825428.53         | 2.01700 | (19092207) | 403401.25 |
| 3825443.98 | 2.02813 (19092207) |         |            |           |
| 403382.12  | 3825459.42         | 2.02562 | (19092207) | 403362.99 |
| 3825474.87 | 2.01945 (19092207) |         |            |           |
| 403343.85  | 3825490.32         | 2.01530 | (19092207) | 403324.72 |
| 3825505.76 | 1.99894 (19092207) |         |            |           |
| 403305.59  | 3825521.21         | 1.97379 | (19092207) | 403286.45 |
| 3825536.65 | 1.94381 (19092207) |         |            |           |
| 403267.32  | 3825552.10         | 1.91987 | (19092207) | 403248.19 |
| 3825567.55 | 1.89588 (19092207) |         |            |           |
| 403229.06  | 3825582.99         | 1.87440 | (19092207) | 403209.92 |
| 3825598.44 | 1.85030 (19092207) |         |            |           |
| 403190.79  | 3825613.88         | 1.81635 | (19092207) | 403171.66 |
| 3825629.33 | 1.77690 (19092207) |         |            |           |
| 403152.52  | 3825644.78         | 1.73304 | (19092207) | 403133.39 |
| 3825660.22 | 1.74897 (17021508) |         |            |           |
| 403114.26  | 3825675.67         | 1.77821 | (17021508) | 403095.12 |
| 3825691.11 | 1.80562 (17021508) |         |            |           |
| 403075.99  | 3825706.56         | 1.82187 | (17021508) | 403056.86 |
| 3825722.01 | 1.82713 (17021508) |         |            |           |
| 403037.72  | 3825737.45         | 1.83223 | (17021508) | 403018.59 |
| 3825752.90 | 1.83009 (17021508) |         |            |           |
| 402999.46  | 3825768.34         | 1.81902 | (17021508) | 402980.32 |
| 3825783.79 | 1.80325 (17021508) |         |            |           |
| 402961.19  | 3825799.24         | 1.79419 | (17021508) | 402942.06 |
| 3825814.68 | 1.80748 (20092807) |         |            |           |
| 402922.92  | 3825830.13         | 1.81984 | (20092807) | 402903.79 |
| 3825845.58 | 1.82975 (20092807) |         |            |           |
| 402884.66  | 3825861.02         | 1.83727 | (20092807) | 402865.52 |
| 3825876.47 | 1.84212 (20092807) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                    | IN MICROGRAMS/M**3 |            |             |
|----------------|--------------------|--------------------|------------|-------------|
| **             |                    |                    |            |             |
| X-COORD (M)    | Y-COORD (M)        | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC               | (YYMMDDHH)         |            |             |
| -----          |                    |                    |            |             |
| 402846.39      | 3825891.91         | 1.84424            | (20092807) | 402827.26   |
| 3825907.36     | 1.84361 (20092807) |                    |            |             |
| 402808.13      | 3825922.81         | 1.84057            | (20092807) | 402788.99   |
| 3825938.25     | 1.83510 (20092807) |                    |            |             |
| 402769.86      | 3825953.70         | 1.82720            | (20092807) | 402750.73   |
| 3825969.14     | 1.81683 (20092807) |                    |            |             |
| 402731.59      | 3825984.59         | 1.80398            | (20092807) | 402712.46   |
| 3826000.04     | 1.78861 (20092807) |                    |            |             |
| 402693.33      | 3826015.48         | 1.77061            | (20092807) | 402674.19   |
| 3826030.93     | 1.74978 (20092807) |                    |            |             |
| 402655.06      | 3826046.37         | 1.72715            | (20092807) | 402635.93   |
| 3826061.82     | 1.71128 (19041507) |                    |            |             |
| 402616.79      | 3826077.27         | 1.70888            | (19041507) | 402597.66   |
| 3826092.71     | 1.70543 (19041507) |                    |            |             |
| 402578.53      | 3826108.16         | 1.70094            | (19041507) | 402559.39   |
| 3826123.60     | 1.69542 (19041507) |                    |            |             |
| 402540.26      | 3826139.05         | 1.68888            | (19041507) | 402521.13   |
| 3826154.50     | 1.68132 (19041507) |                    |            |             |
| 402501.99      | 3826169.94         | 1.67278            | (19041507) | 402482.86   |
| 3826185.39     | 1.66325 (19041507) |                    |            |             |
| 402463.73      | 3826200.83         | 1.65276            | (19041507) | 402444.60   |
| 3826216.28     | 1.64132 (19041507) |                    |            |             |
| 402425.46      | 3826231.73         | 1.62896            | (19041507) | 402406.33   |
| 3826247.17     | 1.61571 (19041507) |                    |            |             |
| 402387.20      | 3826262.62         | 1.60157            | (19041507) | 402368.06   |
| 3826278.07     | 1.58657 (19041507) |                    |            |             |
| 402348.93      | 3826293.51         | 1.57076            | (19041507) | 402329.80   |
| 3826308.96     | 1.55414 (19041507) |                    |            |             |
| 402310.66      | 3826324.40         | 1.53676            | (19041507) | 402291.53   |
| 3826339.85     | 1.51863 (19041507) |                    |            |             |
| 402272.40      | 3826355.30         | 1.49980            | (19041507) | 402253.26   |
| 3826370.74     | 1.48028 (19041507) |                    |            |             |
| 402234.13      | 3826386.19         | 1.46012            | (19041507) | 402215.00   |
| 3826401.63     | 1.49137 (16111908) |                    |            |             |
| 402195.86      | 3826417.08         | 1.53312            | (16111908) | 402176.73   |
| 3826432.53     | 1.56949 (16111908) |                    |            |             |

|            |           |            |         |            |           |
|------------|-----------|------------|---------|------------|-----------|
| 3826463.42 | 402157.60 | 3826447.97 | 1.60182 | (16111908) | 402138.46 |
| 3826494.31 | 402119.33 | 3826478.86 | 1.65590 | (16111908) | 402100.20 |
| 3826525.20 | 402081.07 | 3826509.76 | 1.69369 | (16111908) | 402061.93 |
| 3826556.09 | 402042.80 | 3826540.65 | 1.72386 | (16111908) | 402023.67 |
| 3826586.99 | 402004.53 | 3826571.54 | 1.73149 | (16111908) | 401985.40 |
| 3826617.88 | 401966.27 | 3826602.43 | 1.72203 | (16111908) | 401947.13 |
| 3826648.77 | 401928.00 | 3826633.32 | 1.68612 | (16111908) | 401908.87 |
| 3826679.66 | 401889.73 | 3826664.22 | 1.65195 | (16111908) | 401870.60 |
| 3826710.56 | 401851.47 | 3826695.11 | 1.60395 | (16111908) | 401832.33 |
| 3826741.45 | 401813.20 | 3826726.00 | 1.55137 | (20052506) | 401794.07 |
| 3826772.34 | 401774.93 | 3826756.89 | 1.61495 | (20052506) | 401755.80 |
| 3826803.23 | 401736.67 | 3826787.79 | 1.65027 | (20052506) | 401717.53 |
| 3826834.12 | 401698.40 | 3826818.68 | 1.66964 | (20052506) | 401679.27 |
| 3826865.02 | 401660.14 | 3826849.57 | 1.66831 | (20052506) | 401641.00 |
| 3826895.91 | 401621.87 | 3826880.46 | 1.64797 | (20052506) | 401602.74 |
| 3826926.80 | 401583.60 | 3826911.35 | 1.63261 | (20052506) | 401564.47 |
| 3826957.69 | 401545.34 | 3826942.25 | 1.58982 | (20052506) | 401526.20 |
| 3827019.48 | 401507.07 | 3826973.14 | 1.54097 | (20052506) | 401487.94 |
| 3827050.37 | 401468.80 | 3827004.03 | 1.47030 | (20052506) | 401449.67 |
| 3827081.26 | 401430.54 | 3827034.92 | 1.40189 | (19101607) | 401411.40 |
| 3827112.15 | 401392.27 | 3827065.81 | 1.43144 | (16040207) | 401373.14 |
|            | 401354.00 | 3827096.71 | 1.47705 | (16040207) | 401334.87 |
|            |           |            |         |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 401315.74   | 3827127.60         | 1.51601    | (16040207) | 401296.61   |
| 3827143.04  | 1.53280 (16040207) |            |            |             |
| 401277.47   | 3827158.49         | 1.54767    | (16040207) | 401258.34   |
| 3827173.94  | 1.56066 (16040207) |            |            |             |
| 401239.21   | 3827189.38         | 1.57173    | (16040207) | 401220.07   |
| 3827204.83  | 1.58058 (16040207) |            |            |             |
| 401200.94   | 3827220.28         | 1.58722    | (16040207) | 401181.81   |
| 3827235.72  | 1.59171 (16040207) |            |            |             |
| 401162.67   | 3827251.17         | 1.59414    | (16040207) | 401143.54   |
| 3827266.61  | 1.59449 (16040207) |            |            |             |
| 401124.41   | 3827282.06         | 1.59260    | (16040207) | 401105.27   |
| 3827297.51  | 1.58861 (16040207) |            |            |             |
| 401086.14   | 3827312.95         | 1.58254    | (16040207) | 401067.01   |
| 3827328.40  | 1.57461 (16040207) |            |            |             |
| 401047.87   | 3827343.84         | 1.56458    | (16040207) | 401028.74   |
| 3827359.29  | 1.55256 (16040207) |            |            |             |
| 401009.61   | 3827374.74         | 1.53869    | (16040207) | 400990.47   |
| 3827390.18  | 1.52284 (16040207) |            |            |             |
| 400971.34   | 3827405.63         | 1.50492    | (16040207) | 400952.21   |
| 3827421.07  | 1.48527 (16040207) |            |            |             |
| 400933.07   | 3827436.52         | 1.46407    | (16040207) | 400913.94   |
| 3827451.97  | 1.44177 (16040207) |            |            |             |
| 400894.81   | 3827467.41         | 1.41745    | (16040207) | 400875.68   |
| 3827482.86  | 1.40622 (17091607) |            |            |             |
| 400856.54   | 3827498.30         | 1.44620    | (17091607) | 400837.41   |
| 3827513.75  | 1.48544 (17091607) |            |            |             |
| 400818.28   | 3827529.20         | 1.52364    | (17091607) | 400799.14   |
| 3827544.64  | 1.56076 (17091607) |            |            |             |
| 400780.01   | 3827560.09         | 1.59673    | (17091607) | 400760.88   |
| 3827575.53  | 1.63142 (17091607) |            |            |             |
| 400741.74   | 3827590.98         | 1.66469    | (17091607) | 400722.61   |
| 3827606.43  | 1.69632 (17091607) |            |            |             |
| 400703.48   | 3827621.87         | 1.72626    | (17091607) | 400684.34   |
| 3827637.32  | 1.75445 (17091607) |            |            |             |



|            |           |            |         |            |           |
|------------|-----------|------------|---------|------------|-----------|
| 3827668.21 | 400665.21 | 3827652.77 | 1.78080 | (17091607) | 400646.08 |
| 400626.94  | 1.80523   | (17091607) | 1.82756 | (17091607) | 400607.81 |
| 3827699.10 | 1.84768   | (17091607) | 1.86575 | (17091607) | 400569.54 |
| 400588.68  | 1.88163   | (17091607) | 1.89528 | (17091607) | 400531.28 |
| 3827730.00 | 1.90659   | (17091607) | 1.91542 | (17091607) | 400493.01 |
| 400550.41  | 1.92170   | (17091607) | 1.92554 | (17091607) | 400454.75 |
| 3827760.89 | 1.92691   | (17091607) | 1.92592 | (17091607) | 400416.48 |
| 400512.15  | 1.92253   | (17091607) | 1.91670 | (17091607) | 400378.21 |
| 3827791.78 | 1.90846   | (17091607) | 1.89785 | (17091607) | 400339.95 |
| 400473.88  | 1.88500   | (17091607) | 1.86987 | (17091607) | 400301.68 |
| 3827822.67 | 1.85255   | (17091607) | 1.83310 | (17091607) | 400263.41 |
| 400435.61  | 1.81155   | (17091607) | 1.78800 | (17091607) | 400225.15 |
| 3827853.56 | 1.76259   | (17091607) | 1.74828 | (19092507) | 400186.88 |
| 400397.35  | 1.80078   | (19092507) | 1.85250 | (19092507) | 400148.62 |
| 3827884.46 | 1.90329   | (19092507) | 1.95303 | (19092507) | 400110.35 |
| 400359.08  | 2.00153   | (19092507) | 2.04866 | (19092507) | 400047.50 |
| 3827915.35 | 2.13874   | (19092507) | 2.18170 | (19092507) | 399998.34 |
| 400320.81  | 2.22306   | (19092507) | 2.26267 | (19092507) | 399949.18 |
| 3827946.24 | 2.30040   | (19092507) | 2.33612 | (19092507) | 399900.02 |
| 400282.55  | 2.36972   | (19092507) | 2.40108 | (19092507) | 399850.86 |
| 3827977.13 | 2.43010   | (19092507) | 2.45663 | (19092507) | 399801.71 |
| 400244.28  | 2.48062   | (19092507) | 2.50194 | (19092507) | 399752.55 |
| 3828008.02 | 2.52055   | (19092507) | 2.53635 | (19092507) | 399703.39 |
| 400206.01  | 2.54929   | (19092507) |         |            |           |
| 3828038.92 |           |            |         |            |           |
| 400167.75  |           |            |         |            |           |
| 3828069.81 |           |            |         |            |           |
| 400129.48  |           |            |         |            |           |
| 3828100.70 |           |            |         |            |           |
| 400091.22  |           |            |         |            |           |
| 3828132.30 |           |            |         |            |           |
| 400022.92  |           |            |         |            |           |
| 3828133.71 |           |            |         |            |           |
| 399973.76  |           |            |         |            |           |
| 3828135.11 |           |            |         |            |           |
| 399924.60  |           |            |         |            |           |
| 3828136.52 |           |            |         |            |           |
| 399875.44  |           |            |         |            |           |
| 3828137.93 |           |            |         |            |           |
| 399826.29  |           |            |         |            |           |
| 3828139.34 |           |            |         |            |           |
| 399777.13  |           |            |         |            |           |
| 3828140.75 |           |            |         |            |           |
| 399727.97  |           |            |         |            |           |
| 3828142.15 |           |            |         |            |           |

```

*** AERMOD - VERSION 24142 ***
Study *** C:\Lakes\AERMOD View\Prairie Song Plume
*** 02/10/26

```

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study

\*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399678.81   | 3828142.86  | 2.55931    | (19092507) | 399654.23   |
| 3828143.56  | 2.56635     | (19092507) |            |             |
| 399629.65   | 3828144.27  | 2.57038    | (19092507) | 399605.07   |
| 3828144.97  | 2.57138     | (19092507) |            |             |
| 399580.49   | 3828145.67  | 2.56934    | (19092507) | 399555.91   |
| 3828146.38  | 2.56425     | (19092507) |            |             |
| 399531.33   | 3828147.08  | 2.55612    | (19092507) | 399506.75   |
| 3828147.79  | 2.54497     | (19092507) |            |             |
| 399482.17   | 3828148.49  | 2.53082    | (19092507) | 399457.59   |
| 3828149.19  | 2.51372     | (19092507) |            |             |
| 399433.01   | 3828149.90  | 2.49370    | (19092507) | 399408.43   |
| 3828150.60  | 2.47084     | (19092507) |            |             |
| 399383.85   | 3828151.31  | 2.44520    | (19092507) | 399359.27   |
| 3828152.01  | 2.41688     | (19092507) |            |             |
| 399334.69   | 3828152.71  | 2.40571    | (20021908) | 399310.11   |
| 3828153.42  | 2.42698     | (20021908) |            |             |
| 399285.53   | 3828154.12  | 2.44546    | (20021908) | 399260.95   |
| 3828154.83  | 2.46108     | (20021908) |            |             |
| 399236.37   | 3828155.53  | 2.47378    | (20021908) | 399211.79   |
| 3828156.23  | 2.48351     | (20021908) |            |             |
| 399187.21   | 3828156.94  | 2.49022    | (20021908) | 399162.63   |
| 3828157.64  | 2.49387     | (20021908) |            |             |
| 399138.05   | 3828158.35  | 2.49443    | (20021908) | 399113.47   |
| 3828159.05  | 2.49190     | (20021908) |            |             |
| 399088.89   | 3828159.75  | 2.48627    | (20021908) | 399064.31   |
| 3828160.46  | 2.47756     | (20021908) |            |             |
| 399039.73   | 3828161.16  | 2.46578    | (20021908) | 399015.15   |
| 3828161.87  | 2.45098     | (20021908) |            |             |
| 398990.57   | 3828162.57  | 2.43321    | (20021908) | 398965.99   |
| 3828163.27  | 2.44515     | (16040407) |            |             |
| 398941.41   | 3828163.98  | 2.47835    | (16040407) | 398916.83   |
| 3828164.68  | 2.50884     | (16040407) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 398892.26  | 3828165.39         | 2.53651 | (16040407) | 398867.68 |
| 3828166.09 | 2.56127 (16040407) |         |            |           |
| 398843.10  | 3828166.79         | 2.58299 | (16040407) | 398818.52 |
| 3828167.50 | 2.60158 (16040407) |         |            |           |
| 398793.94  | 3828168.20         | 2.61699 | (16040407) | 398769.36 |
| 3828168.91 | 2.62914 (16040407) |         |            |           |
| 398744.78  | 3828169.61         | 2.63796 | (16040407) | 398720.20 |
| 3828170.31 | 2.64342 (16040407) |         |            |           |
| 398695.62  | 3828171.02         | 2.64547 | (16040407) | 398671.04 |
| 3828171.72 | 2.64412 (16040407) |         |            |           |
| 398646.46  | 3828172.43         | 2.63935 | (16040407) | 398621.88 |
| 3828173.13 | 2.63118 (16040407) |         |            |           |
| 398597.30  | 3828173.83         | 2.61961 | (16040407) | 398572.72 |
| 3828174.54 | 2.60469 (16040407) |         |            |           |
| 398548.14  | 3828175.24         | 2.58646 | (16040407) | 398523.56 |
| 3828175.95 | 2.56498 (16040407) |         |            |           |
| 398498.98  | 3828176.65         | 2.54032 | (16040407) | 398474.40 |
| 3828177.35 | 2.51258 (16040407) |         |            |           |
| 398449.82  | 3828178.06         | 2.48183 | (16040407) | 398425.24 |
| 3828178.76 | 2.44822 (16040407) |         |            |           |
| 398400.66  | 3828179.47         | 2.45801 | (18061206) | 398376.08 |
| 3828180.17 | 2.47658 (18061206) |         |            |           |
| 398351.50  | 3828180.87         | 2.49198 | (18061206) | 398326.92 |
| 3828181.58 | 2.50416 (18061206) |         |            |           |
| 398302.34  | 3828182.28         | 2.51306 | (18061206) | 398277.76 |
| 3828182.99 | 2.51863 (18061206) |         |            |           |
| 398253.18  | 3828183.69         | 2.52084 | (18061206) | 398228.60 |
| 3828184.39 | 2.51969 (18061206) |         |            |           |
| 398204.02  | 3828185.10         | 2.51516 | (18061206) | 398179.44 |
| 3828185.80 | 2.50726 (18061206) |         |            |           |
| 398154.86  | 3828186.51         | 2.49602 | (18061206) | 398130.28 |
| 3828187.21 | 2.48148 (18061206) |         |            |           |
| 398105.70  | 3828187.91         | 2.46368 | (18061206) | 398081.12 |
| 3828188.62 | 2.44267 (18061206) |         |            |           |
| 398056.54  | 3828189.32         | 2.41855 | (18061206) | 398031.96 |
| 3828190.03 | 2.39137 (18061206) |         |            |           |
| 398007.38  | 3828190.73         | 2.36126 | (18061206) | 397982.80 |
| 3828191.43 | 2.32836 (18061206) |         |            |           |
| 397958.22  | 3828192.14         | 2.29276 | (18061206) | 397933.65 |
| 3828192.84 | 2.25459 (18061206) |         |            |           |
| 397909.07  | 3828193.55         | 2.21396 | (18061206) | 397884.49 |
| 3828194.25 | 2.17106 (18061206) |         |            |           |
| 397859.91  | 3828194.95         | 2.12602 | (18061206) | 397835.33 |
| 3828195.66 | 2.07900 (18061206) |         |            |           |
| 397810.75  | 3828196.36         | 2.03022 | (18061206) | 397786.17 |
| 3828197.07 | 1.97979 (18061206) |         |            |           |
| 397761.59  | 3828197.77         | 1.92782 | (18061206) | 397737.01 |
| 3828198.47 | 1.87461 (18061206) |         |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 544

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 397712.43   | 3828199.18         | 1.82027    | (18061206) | 397687.85   |
| 3828199.88  | 1.76501 (18061206) |            |            |             |
| 397663.27   | 3828200.59         | 1.76196    | (16092307) | 397638.69   |
| 3828201.29  | 1.76622 (16092307) |            |            |             |
| 397614.11   | 3828201.99         | 1.76732    | (16092307) | 397589.53   |
| 3828202.70  | 1.76895 (16092307) |            |            |             |
| 397564.95   | 3828203.40         | 1.76641    | (16092307) | 397540.37   |
| 3828204.11  | 1.75970 (16092307) |            |            |             |
| 397515.79   | 3828204.81         | 1.75010    | (16092307) | 397491.21   |
| 3828205.51  | 1.74686 (16092307) |            |            |             |
| 397466.63   | 3828206.22         | 1.73776    | (16092307) | 397442.05   |
| 3828206.92  | 1.71524 (16092307) |            |            |             |
| 397417.47   | 3828207.63         | 1.69994    | (18092707) | 397392.89   |
| 3828208.33  | 1.73664 (18092707) |            |            |             |
| 397368.31   | 3828209.03         | 1.76865    | (18092707) | 397343.73   |
| 3828209.74  | 1.81259 (18092707) |            |            |             |
| 397319.15   | 3828210.44         | 1.84846    | (18092707) | 397294.57   |
| 3828211.15  | 1.87152 (18092707) |            |            |             |
| 397269.99   | 3828211.85         | 1.89220    | (18092707) | 397245.41   |
| 3828212.55  | 1.90935 (18092707) |            |            |             |
| 397220.83   | 3828213.26         | 1.92338    | (18092707) | 397196.25   |
| 3828213.96  | 1.93314 (18092707) |            |            |             |
| 397171.67   | 3828214.67         | 1.94192    | (16062706) | 397147.09   |
| 3828215.37  | 1.96471 (16062706) |            |            |             |
| 397122.51   | 3828216.07         | 1.98486    | (16062706) | 397097.93   |
| 3828216.78  | 2.00228 (16062706) |            |            |             |
| 397073.35   | 3828217.48         | 2.01690    | (16062706) | 397048.77   |
| 3828218.19  | 2.02888 (16062706) |            |            |             |
| 397024.19   | 3828218.89         | 2.04312    | (16022108) | 396999.62   |
| 3828219.59  | 2.10100 (16022108) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 396975.04  | 3828220.30         | 2.15743 | (16022108) | 396950.46 |
| 3828221.00 | 2.21218 (16022108) |         |            |           |
| 396925.88  | 3828221.71         | 2.26507 | (16022108) | 396901.30 |
| 3828222.41 | 2.31586 (16022108) |         |            |           |
| 396876.72  | 3828223.11         | 2.36436 | (16022108) | 396852.14 |
| 3828223.82 | 2.41039 (16022108) |         |            |           |
| 396827.56  | 3828224.52         | 2.45373 | (16022108) | 396802.98 |
| 3828225.23 | 2.49422 (16022108) |         |            |           |
| 396778.40  | 3828225.93         | 2.53171 | (16022108) | 396753.82 |
| 3828226.63 | 2.56603 (16022108) |         |            |           |
| 396729.24  | 3828227.34         | 2.59703 | (16022108) | 396704.66 |
| 3828228.04 | 2.62456 (16022108) |         |            |           |
| 396680.08  | 3828228.75         | 2.64851 | (16022108) | 396655.50 |
| 3828229.45 | 2.66878 (16022108) |         |            |           |
| 396630.92  | 3828230.15         | 2.68526 | (16022108) | 396606.34 |
| 3828230.86 | 2.69786 (16022108) |         |            |           |
| 396581.76  | 3828231.56         | 2.70655 | (16022108) | 396557.18 |
| 3828232.27 | 2.71128 (16022108) |         |            |           |
| 396532.60  | 3828232.97         | 2.71203 | (16022108) | 396508.02 |
| 3828233.67 | 2.70878 (16022108) |         |            |           |
| 396483.44  | 3828234.38         | 2.70153 | (16022108) | 396458.86 |
| 3828235.08 | 2.69035 (16022108) |         |            |           |
| 396434.28  | 3828235.79         | 2.67524 | (16022108) | 396409.70 |
| 3828236.49 | 2.65629 (16022108) |         |            |           |
| 396385.12  | 3828237.19         | 2.63354 | (16022108) | 396360.54 |
| 3828237.90 | 2.60714 (16022108) |         |            |           |
| 396335.96  | 3828238.60         | 2.57717 | (16022108) | 396311.38 |
| 3828239.31 | 2.54377 (16022108) |         |            |           |
| 396286.80  | 3828240.01         | 2.50703 | (16022108) | 396262.22 |
| 3828240.71 | 2.46715 (16022108) |         |            |           |
| 396237.64  | 3828241.42         | 2.42427 | (16022108) | 396213.06 |
| 3828242.12 | 2.37858 (16022108) |         |            |           |
| 396188.48  | 3828242.83         | 2.33025 | (16022108) | 396163.90 |
| 3828243.53 | 2.27949 (16022108) |         |            |           |
| 396139.32  | 3828244.23         | 2.22650 | (16022108) | 396114.74 |
| 3828244.94 | 2.17147 (16022108) |         |            |           |
| 396090.16  | 3828245.64         | 2.11463 | (16022108) | 396065.59 |
| 3828246.35 | 2.14836 (20111308) |         |            |           |
| 396041.01  | 3828247.05         | 2.22184 | (20111308) | 396016.43 |
| 3828247.75 | 2.29441 (20111308) |         |            |           |
| 395991.85  | 3828248.46         | 2.36579 | (20111308) | 395967.27 |
| 3828249.16 | 2.43574 (20111308) |         |            |           |
| 395942.69  | 3828249.87         | 2.50400 | (20111308) | 395918.11 |
| 3828250.57 | 2.57032 (20111308) |         |            |           |
| 395893.53  | 3828251.27         | 2.63444 | (20111308) | 395868.95 |
| 3828251.98 | 2.69611 (20111308) |         |            |           |
| 395844.37  | 3828252.68         | 2.75507 | (20111308) | 395819.79 |
| 3828253.39 | 2.81110 (20111308) |         |            |           |
| 395795.21  | 3828254.09         | 2.86397 | (20111308) | 395770.63 |
| 3828254.79 | 2.91345 (20111308) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 545

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 395746.05   | 3828255.50         | 2.95934    | (20111308) | 395721.47   |
| 3828256.20  | 3.00144 (20111308) |            |            |             |
| 395696.89   | 3828256.91         | 3.03957    | (20111308) | 395672.31   |
| 3828257.61  | 3.07356 (20111308) |            |            |             |
| 395647.73   | 3828258.31         | 3.10325    | (20111308) | 395623.15   |
| 3828259.02  | 3.12853 (20111308) |            |            |             |
| 395598.57   | 3828259.72         | 3.14927    | (20111308) | 395573.99   |
| 3828260.43  | 3.16538 (20111308) |            |            |             |
| 395549.41   | 3828261.13         | 3.17679    | (20111308) | 395524.83   |
| 3828261.83  | 3.18343 (20111308) |            |            |             |
| 395500.25   | 3828262.54         | 3.18529    | (20111308) | 395475.67   |
| 3828263.24  | 3.18234 (20111308) |            |            |             |
| 395451.09   | 3828263.95         | 3.17463    | (20111308) | 395426.51   |
| 3828264.65  | 3.16217 (20111308) |            |            |             |
| 395401.93   | 3828265.35         | 3.14502    | (20111308) | 395377.35   |
| 3828266.06  | 3.12325 (20111308) |            |            |             |
| 395352.77   | 3828266.76         | 3.09695    | (20111308) | 395328.19   |
| 3828267.47  | 3.06624 (20111308) |            |            |             |
| 395303.61   | 3828268.17         | 3.03126    | (20111308) | 395279.03   |
| 3828268.87  | 2.99216 (20111308) |            |            |             |
| 395254.45   | 3828269.58         | 2.94911    | (20111308) | 395229.87   |
| 3828270.28  | 2.91672 (20092207) |            |            |             |
| 395205.29   | 3828270.99         | 2.93962    | (20092207) | 395180.71   |
| 3828271.69  | 2.95823 (20092207) |            |            |             |
| 395156.13   | 3828272.39         | 2.97245    | (20092207) | 395131.56   |
| 3828273.10  | 2.98225 (20092207) |            |            |             |
| 395106.98   | 3828273.80         | 2.98759    | (20092207) | 395082.40   |
| 3828274.51  | 2.98842 (20092207) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3828275.91 | 395057.82 | 3828275.21 | 2.98476    | (20092207) | 395033.24 |
|            |           | 2.97660    | (20092207) |            |           |
| 3828277.32 | 395008.66 | 3828276.62 | 2.96400    | (20092207) | 394984.08 |
|            |           | 2.94700    | (20092207) |            |           |
| 3828278.73 | 394959.50 | 3828278.03 | 2.92569    | (20092207) | 394934.92 |
|            |           | 2.90019    | (20092207) |            |           |
| 3828280.14 | 394910.34 | 3828279.43 | 2.87061    | (20092207) | 394885.76 |
|            |           | 2.83709    | (20092207) |            |           |
| 3828281.55 | 394861.18 | 3828280.84 | 2.79974    | (20092207) | 394836.60 |
|            |           | 2.75868    | (20092207) |            |           |
| 3828282.95 | 394812.02 | 3828282.25 | 2.71411    | (20092207) | 394787.44 |
|            |           | 2.66624    | (20092207) |            |           |
| 3828284.36 | 394762.86 | 3828283.66 | 2.61528    | (20092207) | 394738.28 |
|            |           | 2.56142    | (20092207) |            |           |
| 3828294.92 | 394713.70 | 3828285.07 | 2.50489    | (20092207) | 394369.58 |
|            |           | 2.92903    | (18021708) |            |           |
| 3828296.33 | 394345.00 | 3828295.63 | 2.95034    | (18021708) | 394320.42 |
|            |           | 2.96848    | (18021708) |            |           |
| 3828297.74 | 394295.84 | 3828297.03 | 2.98379    | (18021708) | 394271.26 |
|            |           | 2.98812    | (18021708) |            |           |
| 3828299.15 | 394246.68 | 3828298.44 | 2.99376    | (18021708) | 394222.10 |
|            |           | 3.00185    | (18021708) |            |           |
| 3828300.55 | 394197.52 | 3828299.85 | 3.00233    | (18021708) | 394172.95 |
|            |           | 3.00671    | (18021708) |            |           |
| 3828301.96 | 394148.37 | 3828301.26 | 3.01371    | (18021708) | 394123.79 |
|            |           | 3.00757    | (18021708) |            |           |
| 3828303.37 | 394099.21 | 3828302.67 | 2.97083    | (18021708) | 394074.63 |
|            |           | 2.90398    | (18021708) |            |           |
| 3828304.78 | 394050.05 | 3828304.07 | 2.82864    | (18021708) | 394025.47 |
|            |           | 2.75286    | (18021708) |            |           |
| 3828306.19 | 394000.89 | 3828305.48 | 2.67645    | (18021708) | 393976.31 |
|            |           | 2.63989    | (18021308) |            |           |
| 3828307.59 | 393951.73 | 3828306.89 | 2.60412    | (18021308) | 393927.15 |
|            |           | 2.56586    | (18021308) |            |           |
| 3828309.00 | 393902.57 | 3828308.30 | 2.52215    | (18021308) | 393877.99 |
|            |           | 2.48000    | (18021308) |            |           |
| 3828310.41 | 393853.41 | 3828309.71 | 2.43697    | (18021308) | 393828.83 |
|            |           | 2.38050    | (18021308) |            |           |
| 3828311.82 | 393804.25 | 3828311.11 | 2.31071    | (18021308) | 393779.67 |
|            |           | 2.23711    | (18021308) |            |           |
| 3828313.23 | 393755.09 | 3828312.52 | 2.21915    | (18013017) | 393730.51 |
|            |           | 2.24946    | (18013017) |            |           |
| 3828314.63 | 393705.93 | 3828313.93 | 2.27203    | (18013017) | 393681.35 |
|            |           | 2.28415    | (18013017) |            |           |
| 3828316.04 | 393656.77 | 3828315.34 | 2.29008    | (18013017) | 393632.19 |
|            |           | 2.29558    | (18013017) |            |           |
| 3828317.45 | 393607.61 | 3828316.75 | 2.29153    | (18013017) | 393583.03 |
|            |           | 2.29174    | (18013017) |            |           |
| 3828318.86 | 393558.45 | 3828318.15 | 2.28242    | (18013017) | 393533.87 |
|            |           | 2.25612    | (18013017) |            |           |

393509.29 3828319.56 2.22221 (18013017) 393484.71  
 3828320.27 2.19450 (18013017)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 546

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393460.13   | 3828320.97  | 2.17170    | (18013017) | 393435.55   |
| 3828321.67  | 2.15085     | (17060506) |            |             |
| 393410.97   | 3828322.38  | 2.13303    | (17060506) | 393386.39   |
| 3828323.08  | 2.12245     | (17060506) |            |             |
| 393361.81   | 3828323.79  | 2.11831    | (17060506) | 393337.23   |
| 3828324.49  | 2.10899     | (17060506) |            |             |
| 393312.65   | 3828325.19  | 2.09582    | (17060506) | 393288.07   |
| 3828325.90  | 2.07714     | (17060506) |            |             |
| 393263.49   | 3828326.60  | 2.05240    | (17060506) | 393238.92   |
| 3828327.31  | 2.06985     | (19071206) |            |             |
| 393214.34   | 3828328.01  | 2.12830    | (19071206) | 393189.76   |
| 3828328.71  | 2.18198     | (19071206) |            |             |
| 393165.18   | 3828329.42  | 2.22942    | (19071206) | 393140.60   |
| 3828330.12  | 2.27099     | (19071206) |            |             |
| 393116.02   | 3828330.83  | 2.30716    | (19071206) | 393091.44   |
| 3828331.53  | 2.33905     | (19071206) |            |             |
| 393066.86   | 3828332.23  | 2.36536    | (19071206) | 393042.28   |
| 3828332.94  | 2.38393     | (19071206) |            |             |
| 393017.70   | 3828333.64  | 2.39769    | (19071206) | 392993.12   |
| 3828334.35  | 2.40460     | (19071206) |            |             |
| 392968.54   | 3828335.05  | 2.40658    | (19071206) | 392943.96   |
| 3828335.75  | 2.40364     | (19071206) |            |             |
| 392919.38   | 3828336.46  | 2.39438    | (19071206) | 392894.80   |
| 3828337.16  | 2.41995     | (19092107) |            |             |
| 392870.22   | 3828337.87  | 2.49355    | (19092107) | 392845.64   |
| 3828338.57  | 2.56572     | (19092107) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392821.06  | 3828339.27          | 2.63623  | (19092107) | 392796.48 |
| 3828339.98 | 2.70482 (19092107)  |          |            |           |
| 392771.90  | 3828340.68          | 2.77126  | (19092107) | 392747.32 |
| 3828341.39 | 2.83532 (19092107)  |          |            |           |
| 392722.74  | 3828342.09          | 2.89678  | (19092107) | 392698.16 |
| 3828342.79 | 2.95541 (19092107)  |          |            |           |
| 392673.58  | 3828343.50          | 3.01099  | (19092107) | 392649.00 |
| 3828344.20 | 3.06332 (19092107)  |          |            |           |
| 392624.42  | 3828344.91          | 3.11222  | (19092107) | 392599.84 |
| 3828345.61 | 3.15750 (19092107)  |          |            |           |
| 392575.26  | 3828346.31          | 3.19898  | (19092107) | 392550.68 |
| 3828347.02 | 3.23652 (19092107)  |          |            |           |
| 392526.10  | 3828347.72          | 3.26998  | (19092107) | 405965.10 |
| 3823374.20 | 2.26538 (20020908)  |          |            |           |
| 405978.30  | 3823353.44          | 2.32241  | (20020908) | 395993.95 |
| 3816975.53 | 31.70109 (19112819) |          |            |           |
| 395959.05  | 3816948.18          | 31.34647 | (18021705) | 395924.15 |
| 3816920.82 | 28.37470 (17040903) |          |            |           |
| 395889.25  | 3816893.47          | 24.49755 | (17010103) | 395854.35 |
| 3816866.11 | 23.22854 (17010103) |          |            |           |
| 396018.59  | 3816971.31          | 28.79088 | (18021705) | 395991.92 |
| 3816942.18 | 26.72734 (17040903) |          |            |           |
| 395957.02  | 3816914.83          | 25.49393 | (19122424) | 395922.12 |
| 3816887.47 | 22.40355 (20032702) |          |            |           |
| 395887.22  | 3816860.12          | 20.11820 | (20022405) | 396034.02 |
| 3816951.63 | 25.36911 (18010405) |          |            |           |
| 396048.91  | 3817000.17          | 30.87360 | (19112819) | 396007.35 |
| 3816922.50 | 24.56382 (20120506) |          |            |           |
| 395972.45  | 3816895.15          | 22.86530 | (20120506) | 395937.55 |
| 3816867.79 | 20.81057 (16031301) |          |            |           |
| 395902.65  | 3816840.44          | 18.99222 | (20050221) | 396049.44 |
| 3816931.96 | 25.96920 (20120506) |          |            |           |
| 396067.87  | 3816962.86          | 25.25762 | (18010405) | 396073.55 |
| 3816995.95 | 28.96339 (19022406) |          |            |           |
| 396022.77  | 3816902.83          | 25.99027 | (18123008) | 395987.87 |
| 3816875.47 | 24.76384 (18123008) |          |            |           |
| 395952.97  | 3816848.12          | 23.57258 | (20011708) | 395918.07 |
| 3816820.76 | 22.08778 (19122507) |          |            |           |
| 396082.13  | 3816895.69          | 33.99708 | (18111004) | 396104.25 |
| 3816932.78 | 32.74153 (19021124) |          |            |           |
| 396122.12  | 3816991.03          | 29.75193 | (20010101) | 396113.61 |
| 3817033.36 | 32.52446 (20120807) |          |            |           |
| 396053.61  | 3816863.48          | 28.80728 | (16012506) | 396018.71 |
| 3816836.12 | 25.49208 (20120607) |          |            |           |
| 395983.81  | 3816808.77          | 21.41020 | (20120607) | 395948.91 |
| 3816781.41 | 18.46626 (16061002) |          |            |           |
| 396112.44  | 3816855.46          | 25.27295 | (20120607) | 396133.51 |
| 3816890.78 | 31.79554 (18012707) |          |            |           |
| 396154.58  | 3816926.09          | 56.82736 | (18111004) | 396171.60 |
| 3816981.57 | 43.80494 (19122106) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396163.50  | 3817021.89 | 35.92287   | (20010101) | 396155.40 |
| 3817062.20 | 35.37235   | (20120807) |            |           |
| 396084.46  | 3816824.12 | 22.54401   | (19021123) | 396049.56 |
| 3816796.77 | 20.32062   | (18021420) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume Study  
 \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 547

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 396014.66   | 3816769.41  | 18.68974   | (18022723) | 395979.76   |
| 3816742.06  | 17.93028    | (19040619) |            |             |
| 396143.00   | 3816815.62  | 23.60060   | (19112924) | 396163.48   |
| 3816849.95  | 25.52927    | (19021123) |            |             |
| 396183.96   | 3816884.29  | 31.03385   | (20021605) | 396204.45   |
| 3816918.62  | 66.23849    | (18012707) |            |             |
| 396221.00   | 3816972.56  | 73.25033   | (18111004) | 396213.12   |
| 3817011.76  | 50.03208    | (19122106) |            |             |
| 396205.25   | 3817050.95  | 44.05760   | (17121503) | 396197.37   |
| 3817090.15  | 42.95963    | (20120807) |            |             |
| 396115.30   | 3816784.77  | 22.15684   | (18022723) | 396080.40   |
| 3816757.42  | 21.07285    | (16112803) |            |             |
| 396045.50   | 3816730.06  | 22.12587   | (17120607) | 396010.60   |
| 3816702.71  | 24.26963    | (20121421) |            |             |
| 396174.66   | 3816777.64  | 24.00834   | (19010305) | 396196.78   |
| 3816814.72  | 25.41951    | (20011723) |            |             |
| 396218.91   | 3816851.80  | 27.13473   | (19112924) | 396241.03   |
| 3816888.88  | 32.97783    | (20011823) |            |             |
| 396263.15   | 3816925.97  | 45.61048   | (20021605) | 396269.96   |
| 3816965.67  | 86.82887    | (18111004) |            |             |
| 396261.46   | 3817008.01  | 69.78007   | (17120904) | 396252.95   |
| 3817050.34  | 50.53856    | (19103101) |            |             |
| 396244.45   | 3817092.68  | 45.61028   | (17121503) | 396146.15   |
| 3816745.42  | 23.35593    | (17120607) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816690.71 | 396111.25 | 3816718.06 | 25.41731   | (19112606) | 396076.35 |
|            |           | 31.84472   | (19010222) |            |           |
| 3816737.77 | 396041.45 | 3816663.35 | 49.66060   | (20120507) | 396205.20 |
|            |           | 28.66909   | (17122705) |            |           |
| 3816809.87 | 396226.71 | 3816773.82 | 25.61235   | (17022406) | 396248.21 |
|            |           | 27.39212   | (19010305) |            |           |
| 3816881.98 | 396269.72 | 3816845.93 | 29.92897   | (17121207) | 396291.23 |
|            |           | 33.51675   | (19020720) |            |           |
| 3816956.64 | 396312.74 | 3816918.03 | 37.83496   | (20011823) | 396319.36 |
|            |           | 53.57977   | (18012707) |            |           |
| 3817038.95 | 396311.09 | 3816997.79 | 78.74369   | (18111004) | 396302.82 |
|            |           | 63.29249   | (19122106) |            |           |
| 3817121.27 | 396294.55 | 3817080.11 | 52.33039   | (19103101) | 396286.29 |
|            |           | 67.82797   | (20120807) |            |           |
| 3816678.71 | 396176.99 | 3816706.07 | 43.10228   | (20120507) | 396142.09 |
|            |           | 64.34237   | (20120507) |            |           |
| 3816624.00 | 396107.19 | 3816651.36 | 69.39392   | (20041024) | 396072.29 |
|            |           | 71.64435   | (17122607) |            |           |
| 3816696.66 | 396267.19 | 3816659.58 | 111.90172  | (16112606) | 396289.32 |
|            |           | 79.18181   | (20011721) |            |           |
| 3816770.83 | 396311.44 | 3816733.74 | 51.29908   | (20120507) | 396333.56 |
|            |           | 39.62143   | (16021705) |            |           |
| 3816844.99 | 396355.69 | 3816807.91 | 40.94676   | (20112906) | 396377.81 |
|            |           | 40.22122   | (18111006) |            |           |
| 3816940.32 | 396399.93 | 3816882.07 | 44.31653   | (17121207) | 396417.80 |
|            |           | 48.90975   | (20011823) |            |           |
| 3817024.99 | 396409.30 | 3816982.66 | 52.79542   | (16123005) | 396400.79 |
|            |           | 79.91122   | (18111004) |            |           |
| 3817109.66 | 396392.29 | 3817067.33 | 65.67312   | (17120904) | 396383.78 |
|            |           | 68.74947   | (19103101) |            |           |
| 3817194.33 | 396375.28 | 3817151.99 | 96.20473   | (16020403) | 396366.77 |
|            |           | 164.88098  | (16010403) |            |           |
| 3816600.01 | 396238.68 | 3816627.36 | 105.40719  | (16021906) | 396203.78 |
|            |           | 99.51976   | (17122221) |            |           |
| 3816545.30 | 396168.88 | 3816572.65 | 89.45447   | (20122924) | 396133.98 |
|            |           | 76.54087   | (16020405) |            |           |
| 3816618.99 | 396329.09 | 3816581.22 | 114.52443  | (16020405) | 396351.62 |
|            |           | 124.04361  | (16012207) |            |           |
| 3816694.53 | 396374.15 | 3816656.76 | 125.27497  | (16021906) | 396396.69 |
|            |           | 119.99278  | (16112606) |            |           |
| 3816770.06 | 396419.22 | 3816732.29 | 101.56413  | (20120507) | 396441.75 |
|            |           | 87.66491   | (19010506) |            |           |
| 3816845.60 | 396464.29 | 3816807.83 | 64.77476   | (20120405) | 396486.82 |
|            |           | 56.82480   | (20112906) |            |           |
| 3816923.81 | 396509.35 | 3816883.37 | 56.59037   | (18111006) | 396516.29 |
|            |           | 58.28193   | (17121207) |            |           |
| 3817010.05 | 396507.62 | 3816966.93 | 59.07744   | (19010406) | 396498.96 |
|            |           | 74.72619   | (16020603) |            |           |
| 3817096.29 | 396490.30 | 3817053.17 | 120.98637  | (19011104) | 396481.64 |
|            |           | 82.18776   | (17120904) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396472.97  | 3817139.40 | 66.44213   | (19103101) | 396464.31 |
| 3817182.52 | 78.33437   | (16020403) |            |           |
| 396455.65  | 3817225.64 | 138.10594  | (16010305) | 396300.37 |
| 3816548.66 | 101.39345  | (20122504) |            |           |
| 396265.47  | 3816521.30 | 89.33004   | (19121723) | 396230.57 |
| 3816493.95 | 80.29477   | (20122906) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 548

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 396195.67   | 3816466.59  | 67.54503   | (16020305) | 396390.41   |
| 3816501.89  | 120.19551   | (20122906) |            |             |
| 396412.19   | 3816538.41  | 126.58767  | (20122504) | 396433.98   |
| 3816574.93  | 134.38922   | (16020405) |            |             |
| 396455.77   | 3816611.45  | 137.23350  | (20010921) | 396477.56   |
| 3816647.97  | 139.42892   | (19010505) |            |             |
| 396499.35   | 3816684.49  | 134.57057  | (20010623) | 396521.13   |
| 3816721.01  | 124.43724   | (16120406) |            |             |
| 396542.92   | 3816757.53  | 137.31101  | (20121308) | 396564.71   |
| 3816794.05  | 129.10901   | (18012706) |            |             |
| 396586.50   | 3816830.57  | 107.91609  | (20120405) | 396608.29   |
| 3816867.09  | 86.66300    | (20122407) |            |             |
| 396614.99   | 3816906.20  | 72.35203   | (18022024) | 396606.61   |
| 3816947.89  | 70.60496    | (17121207) |            |             |
| 396598.24   | 3816989.59  | 66.44978   | (19010406) | 396589.86   |
| 3817031.28  | 73.61496    | (16020603) |            |             |
| 396581.49   | 3817072.97  | 121.71517  | (19010403) | 396573.11   |
| 3817114.66  | 135.43722   | (16020602) |            |             |
| 396564.73   | 3817156.36  | 94.21373   | (16121802) | 396556.36   |
| 3817198.05  | 77.88466    | (19103101) |            |             |
| 396547.98   | 3817239.74  | 78.20561   | (16020403) | 396539.60   |
| 3817281.43  | 93.14379    | (18012308) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396362.06  | 3816469.95 | 77.00234   | (16020305) | 396327.16 |
| 3816442.60 | 38.02488   | (19031020) |            |           |
| 396292.26  | 3816415.24 | 25.36655   | (19021823) | 396257.36 |
| 3816387.89 | 21.73974   | (20011607) |            |           |
| 396452.26  | 3816423.47 | 41.74317   | (20112805) | 396474.39 |
| 3816460.55 | 99.88635   | (16020305) |            |           |
| 396496.51  | 3816497.63 | 142.72826  | (18021607) | 396518.63 |
| 3816534.71 | 147.11606  | (20020206) |            |           |
| 396540.76  | 3816571.80 | 146.48561  | (19122201) | 396562.88 |
| 3816608.88 | 147.87277  | (19113019) |            |           |
| 396585.00  | 3816645.96 | 153.80116  | (20111204) | 396607.12 |
| 3816683.04 | 158.63663  | (16011208) |            |           |
| 396629.25  | 3816720.12 | 158.73298  | (20010723) | 396651.37 |
| 3816757.21 | 158.53017  | (19111305) |            |           |
| 396673.49  | 3816794.29 | 162.28278  | (19112204) | 396695.62 |
| 3816831.37 | 136.89020  | (20011806) |            |           |
| 396713.49  | 3816889.62 | 92.45345   | (20120405) | 396704.98 |
| 3816931.95 | 81.26595   | (16112504) |            |           |
| 396696.48  | 3816974.29 | 78.74271   | (20121503) | 396687.97 |
| 3817016.62 | 75.95592   | (18020707) |            |           |
| 396679.47  | 3817058.96 | 85.31157   | (16020603) | 396670.96 |
| 3817101.29 | 139.64104  | (19121604) |            |           |
| 396662.46  | 3817143.62 | 164.07372  | (16020602) | 396653.95 |
| 3817185.96 | 150.70502  | (19021208) |            |           |
| 396645.45  | 3817228.29 | 124.09944  | (19121908) | 396636.94 |
| 3817270.63 | 97.27914   | (17030106) |            |           |
| 396628.44  | 3817312.96 | 88.96586   | (16010305) | 396619.93 |
| 3817355.30 | 93.91143   | (18012308) |            |           |
| 396423.75  | 3816391.25 | 28.03244   | (16012622) | 396388.85 |
| 3816363.89 | 25.51578   | (19030904) |            |           |
| 396353.95  | 3816336.54 | 24.41703   | (18121507) | 396319.05 |
| 3816309.18 | 22.92603   | (20010606) |            |           |
| 396514.08  | 3816344.98 | 38.21659   | (19022122) | 396536.47 |
| 3816382.51 | 39.29942   | (16112503) |            |           |
| 396558.86  | 3816420.03 | 40.48967   | (20112805) | 396581.24 |
| 3816457.55 | 44.09996   | (16020305) |            |           |
| 396603.63  | 3816495.08 | 64.19180   | (20122906) | 396626.02 |
| 3816532.60 | 126.15173  | (20020206) |            |           |
| 396648.40  | 3816570.12 | 163.26184  | (19122201) | 396670.79 |
| 3816607.65 | 168.69091  | (19010804) |            |           |
| 396693.18  | 3816645.17 | 174.50473  | (20120207) | 396715.56 |
| 3816682.70 | 167.40736  | (20111204) |            |           |
| 396737.95  | 3816720.22 | 176.11702  | (16011208) | 396760.34 |
| 3816757.74 | 167.89354  | (20010723) |            |           |
| 396782.72  | 3816795.27 | 151.41996  | (19111305) | 396805.11 |
| 3816832.79 | 135.64616  | (19112204) |            |           |
| 396812.00  | 3816872.97 | 133.00251  | (20011806) | 396803.39 |
| 3816915.81 | 95.57374   | (20113007) |            |           |
| 396794.79  | 3816958.65 | 88.57450   | (16112504) | 396786.18 |
| 3817001.49 | 90.42523   | (19122706) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396777.57  | 3817044.32 | 88.56077   | (20022006) | 396768.97 |
| 3817087.16 | 92.90125   | (20010701) |            |           |
| 396760.36  | 3817130.00 | 142.09255  | (16122722) | 396751.75 |
| 3817172.84 | 168.41002  | (16020602) |            |           |
| 396743.15  | 3817215.68 | 156.15106  | (19021208) | 396734.54 |
| 3817258.51 | 146.71576  | (18121405) |            |           |
| 396725.94  | 3817301.35 | 139.49402  | (19020808) | 396717.33 |
| 3817344.19 | 130.95693  | (19122907) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 549

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 396708.72   | 3817387.03  | 111.92254  | (16010403) | 396485.44   |
| 3816312.54  | 33.37122    | (19120606) |            |             |
| 396450.54   | 3816285.19  | 31.52866   | (19103024) | 396415.64   |
| 3816257.83  | 28.77081    | (16122702) |            |             |
| 396380.74   | 3816230.48  | 25.79111   | (19121606) | 396668.38   |
| 3816148.34  | 105.87753   | (16122707) |            |             |
| 396690.91   | 3816186.11  | 94.62355   | (17121901) | 396713.45   |
| 3816223.88  | 128.02326   | (19112807) |            |             |
| 396735.98   | 3816261.65  | 127.91407  | (19012508) | 396758.51   |
| 3816299.42  | 77.12979    | (19113006) |            |             |
| 396781.05   | 3816337.19  | 68.21305   | (20120206) | 396803.58   |
| 3816374.96  | 71.18577    | (19121607) |            |             |
| 396826.11   | 3816412.73  | 72.95035   | (20112805) | 396848.64   |
| 3816450.50  | 69.76864    | (19031020) |            |             |
| 396871.18   | 3816488.26  | 70.96309   | (16020305) | 396893.71   |
| 3816526.03  | 104.19201   | (20112806) |            |             |
| 396916.24   | 3816563.80  | 182.61693  | (20122102) | 396938.78   |
| 3816601.57  | 194.89570   | (18121105) |            |             |
| 396961.31   | 3816639.34  | 194.09151  | (19010804) | 396983.84   |
| 3816677.11  | 199.31874   | (20120207) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816752.65 | 397006.37 | 3816714.88 | 192.62518  | (18102704) | 397028.91 |
|            |           | 196.25188  | (16011208) |            |           |
| 3816830.86 | 397051.44 | 3816790.41 | 178.25840  | (16011208) | 397058.37 |
|            |           | 173.50048  | (20112020) |            |           |
| 3816917.09 | 397049.71 | 3816873.98 | 146.58046  | (19112204) | 397041.05 |
|            |           | 125.10949  | (20011806) |            |           |
| 3817003.33 | 397032.39 | 3816960.21 | 120.12627  | (20022107) | 397023.72 |
|            |           | 116.74898  | (19120206) |            |           |
| 3817089.57 | 397015.06 | 3817046.45 | 117.95960  | (18112602) | 397006.40 |
|            |           | 147.90429  | (19122706) |            |           |
| 3817175.80 | 396997.74 | 3817132.69 | 181.19732  | (16022407) | 396989.07 |
|            |           | 168.57892  | (17122604) |            |           |
| 3817262.04 | 396980.41 | 3817218.92 | 173.14920  | (16122722) | 396971.75 |
|            |           | 165.68390  | (16020602) |            |           |
| 3817348.28 | 396963.09 | 3817305.16 | 152.08697  | (17102501) | 396954.42 |
|            |           | 145.95917  | (18121405) |            |           |
| 3817434.51 | 396945.76 | 3817391.39 | 142.74333  | (17122921) | 396937.10 |
|            |           | 139.14103  | (19020808) |            |           |
| 3817520.75 | 396928.44 | 3817477.63 | 134.23278  | (19122907) | 396919.77 |
|            |           | 122.18838  | (20011803) |            |           |
| 3816088.43 | 396639.66 | 3816115.78 | 123.69415  | (19010207) | 396604.76 |
|            |           | 164.52932  | (19020802) |            |           |
| 3816033.72 | 396569.86 | 3816061.07 | 238.18347  | (16122724) | 396534.96 |
|            |           | 263.08334  | (19112403) |            |           |
| 3815989.59 | 396822.65 | 3815951.66 | 228.38279  | (20111005) | 396845.28 |
|            |           | 231.01774  | (16122724) |            |           |
| 3816065.44 | 396867.90 | 3816027.51 | 231.68485  | (16120402) | 396890.53 |
|            |           | 229.73377  | (19010221) |            |           |
| 3816141.29 | 396913.15 | 3816103.36 | 219.86569  | (17020906) | 396935.78 |
|            |           | 197.50938  | (17062603) |            |           |
| 3816217.14 | 396958.41 | 3816179.21 | 185.95204  | (19110405) | 396981.03 |
|            |           | 168.58802  | (19110107) |            |           |
| 3816292.99 | 397003.66 | 3816255.06 | 108.31603  | (19010407) | 397026.28 |
|            |           | 97.50401   | (16122806) |            |           |
| 3816368.84 | 397048.91 | 3816330.91 | 95.80358   | (16122304) | 397071.54 |
|            |           | 92.31451   | (16021904) |            |           |
| 3816444.68 | 397094.16 | 3816406.76 | 98.66269   | (16121803) | 397116.79 |
|            |           | 146.92788  | (20120903) |            |           |
| 3816520.53 | 397139.41 | 3816482.61 | 199.38105  | (16102107) | 397162.04 |
|            |           | 196.28869  | (20102906) |            |           |
| 3816596.38 | 397184.67 | 3816558.46 | 191.75692  | (20102906) | 397207.29 |
|            |           | 191.95240  | (17112607) |            |           |
| 3816672.23 | 397229.92 | 3816634.31 | 192.72123  | (18121105) | 397252.54 |
|            |           | 190.34030  | (16102924) |            |           |
| 3816748.08 | 397275.17 | 3816710.16 | 190.81904  | (20120207) | 397297.80 |
|            |           | 185.70545  | (18102704) |            |           |
| 3816831.99 | 397304.76 | 3816788.69 | 180.54496  | (16011208) | 397296.06 |
|            |           | 168.12170  | (16011208) |            |           |
| 3816918.58 | 397287.36 | 3816875.29 | 161.66018  | (20112020) | 397278.66 |
|            |           | 147.20501  | (19112204) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397269.97  | 3816961.88 | 147.92975  | (20011806) | 397261.27 |
| 3817005.18 | 142.72510  | (20022107) |            |           |
| 397252.57  | 3817048.47 | 161.43382  | (19120206) | 397243.87 |
| 3817091.77 | 187.12822  | (18112602) |            |           |
| 397235.17  | 3817135.07 | 165.52298  | (19122706) | 397226.47 |
| 3817178.36 | 159.46880  | (16022407) |            |           |
| 397217.78  | 3817221.66 | 186.76585  | (16022407) | 397209.08 |
| 3817264.95 | 165.14365  | (17122604) |            |           |
| 397200.38  | 3817308.25 | 177.52160  | (16122722) | 397191.68 |
| 3817351.55 | 147.49444  | (16020602) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 550

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 397182.98   | 3817394.84  | 129.67551  | (17102501) | 397174.28   |
| 3817438.14  | 124.71387   | (18121405) |            |             |
| 397165.59   | 3817481.44  | 123.63476  | (17122921) | 397156.89   |
| 3817524.73  | 123.63112   | (19020808) |            |             |
| 397148.19   | 3817568.03  | 128.13769  | (19122907) | 397139.49   |
| 3817611.32  | 124.60248   | (16010403) |            |             |
| 397130.79   | 3817654.62  | 137.69150  | (20011803) | 396793.89   |
| 3815919.02  | 233.92494   | (18122006) |            |             |
| 396758.99   | 3815891.67  | 238.10120  | (18041806) | 396724.09   |
| 3815864.31  | 236.85871   | (19103104) |            |             |
| 396689.19   | 3815836.96  | 225.46202  | (18120406) | 396976.91   |
| 3815754.95  | 196.99999   | (19103104) |            |             |
| 396999.60   | 3815792.99  | 205.12969  | (18041806) | 397022.29   |
| 3815831.02  | 206.77680   | (18122006) |            |             |
| 397044.98   | 3815869.05  | 206.83704  | (20111005) | 397067.67   |
| 3815907.09  | 169.57603   | (19112403) |            |             |
| 397090.36   | 3815945.12  | 165.05676  | (16122724) | 397113.05   |
| 3815983.15  | 158.15714   | (16120402) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397135.74  | 3816021.18 | 149.95153  | (19010221) | 397158.43 |
| 3816059.22 | 139.33709  | (17020906) |            |           |
| 397181.12  | 3816097.25 | 132.35612  | (17011703) | 397203.81 |
| 3816135.28 | 131.47245  | (19110405) |            |           |
| 397226.50  | 3816173.32 | 129.37976  | (19112807) | 397249.19 |
| 3816211.35 | 174.02824  | (19110107) |            |           |
| 397271.88  | 3816249.38 | 183.36848  | (18030718) | 397294.57 |
| 3816287.42 | 188.47739  | (19112618) |            |           |
| 397317.26  | 3816325.45 | 185.60236  | (18111624) | 397339.95 |
| 3816363.48 | 182.24164  | (20122018) |            |           |
| 397362.64  | 3816401.51 | 179.72378  | (18120405) | 397385.33 |
| 3816439.55 | 174.86003  | (18120405) |            |           |
| 397408.03  | 3816477.58 | 170.30332  | (19083106) | 397430.72 |
| 3816515.61 | 176.26845  | (16102107) |            |           |
| 397453.41  | 3816553.65 | 175.95248  | (20102906) | 397476.10 |
| 3816591.68 | 173.13484  | (17112607) |            |           |
| 397498.79  | 3816629.71 | 168.83924  | (18121105) | 397521.48 |
| 3816667.74 | 165.99164  | (18121105) |            |           |
| 397544.17  | 3816705.78 | 166.42698  | (16102924) | 397551.15 |
| 3816746.50 | 168.26876  | (20120207) |            |           |
| 397542.43  | 3816789.92 | 167.31623  | (18102704) | 397533.70 |
| 3816833.34 | 164.43442  | (16011208) |            |           |
| 397524.98  | 3816876.76 | 146.65391  | (16011208) | 397516.26 |
| 3816920.18 | 154.96659  | (20112020) |            |           |
| 397507.54  | 3816963.60 | 163.70825  | (19112204) | 397498.81 |
| 3817007.02 | 159.68007  | (20011806) |            |           |
| 397490.09  | 3817050.44 | 160.73225  | (20022107) | 397481.37 |
| 3817093.86 | 159.81953  | (20022107) |            |           |
| 397472.64  | 3817137.28 | 162.78275  | (18112602) | 397463.92 |
| 3817180.70 | 162.62777  | (18112602) |            |           |
| 397455.20  | 3817224.12 | 144.65110  | (19122706) | 397446.47 |
| 3817267.54 | 157.08993  | (16022407) |            |           |
| 397437.75  | 3817310.96 | 165.89973  | (16022407) | 397429.03 |
| 3817354.38 | 151.48748  | (16122722) |            |           |
| 397420.30  | 3817397.80 | 166.78211  | (16122722) | 397411.58 |
| 3817441.22 | 147.90086  | (16020602) |            |           |
| 397402.86  | 3817484.64 | 134.73269  | (17030718) | 397394.13 |
| 3817528.06 | 125.98825  | (18121405) |            |           |
| 397385.41  | 3817571.48 | 127.52154  | (17122921) | 397376.69 |
| 3817614.90 | 127.91422  | (19020808) |            |           |
| 397367.96  | 3817658.32 | 126.16511  | (19122907) | 397359.24 |
| 3817701.74 | 127.19139  | (19122907) |            |           |
| 397350.52  | 3817745.16 | 121.96072  | (20011803) | 397341.79 |
| 3817788.58 | 133.73610  | (20011803) |            |           |
| 396948.11  | 3815722.26 | 183.40803  | (18120406) | 396913.21 |
| 3815694.90 | 212.69223  | (20122108) |            |           |
| 396878.31  | 3815667.55 | 208.81421  | (20122108) | 396843.41 |
| 3815640.19 | 198.05101  | (20010305) |            |           |
| 397130.97  | 3815557.92 | 171.89498  | (19122818) | 397153.33 |
| 3815595.41 | 191.46203  | (20122108) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397797.62  | 3816703.94 | 146.89919  | (16102924) | 397789.02 |
| 3816746.74 | 145.79535  | (16102924) |            |           |
| 397780.42  | 3816789.53 | 150.20296  | (20120207) | 397771.82 |
| 3816832.33 | 151.10627  | (18102704) |            |           |
| 397763.23  | 3816875.13 | 149.13911  | (16011208) | 397754.63 |
| 3816917.92 | 131.75588  | (16011208) |            |           |
| 397746.03  | 3816960.72 | 139.68116  | (20112020) | 397737.43 |
| 3817003.52 | 149.20613  | (19112204) |            |           |
| 397728.83  | 3817046.32 | 148.11168  | (19112204) | 397720.23 |
| 3817089.11 | 151.03738  | (20011806) |            |           |
| 397711.64  | 3817131.91 | 152.21293  | (20022107) | 397703.04 |
| 3817174.71 | 141.93445  | (19120206) |            |           |
| 397694.44  | 3817217.50 | 152.30585  | (18112602) | 397685.84 |
| 3817260.30 | 139.91440  | (18112602) |            |           |
| 397677.24  | 3817303.10 | 127.08537  | (19122706) | 397668.65 |
| 3817345.89 | 144.50955  | (16022407) |            |           |
| 397660.05  | 3817388.69 | 150.18149  | (16022407) | 397651.45 |
| 3817431.49 | 133.77754  | (16122722) |            |           |
| 397642.85  | 3817474.28 | 151.33131  | (16122722) | 397634.25 |
| 3817517.08 | 149.82924  | (16020602) |            |           |
| 397625.66  | 3817559.88 | 145.88878  | (17030718) | 397617.06 |
| 3817602.67 | 144.63786  | (17030718) |            |           |
| 397608.46  | 3817645.47 | 136.38146  | (17122921) | 397599.86 |
| 3817688.27 | 148.59302  | (17122921) |            |           |
| 397591.26  | 3817731.06 | 148.25278  | (19020808) | 397582.67 |
| 3817773.86 | 145.60957  | (19122907) |            |           |
| 397574.07  | 3817816.66 | 142.42174  | (19122907) | 397565.47 |
| 3817859.46 | 134.35432  | (20011803) |            |           |
| 397556.87  | 3817902.25 | 146.08473  | (20011803) | 397548.27 |
| 3817945.05 | 137.30772  | (19120304) |            |           |
| 397102.34  | 3815525.50 | 174.63248  | (20010305) | 397067.44 |
| 3815498.14 | 159.09343  | (20010305) |            |           |
| 397032.54  | 3815470.79 | 196.13534  | (17101307) | 396997.64 |
| 3815443.43 | 190.92003  | (20110307) |            |           |
| 397439.49  | 3815164.52 | 150.42438  | (16010202) | 397461.99 |
| 3815202.24 | 150.85898  | (20110307) |            |           |
| 397484.50  | 3815239.96 | 154.17903  | (17101307) | 397507.00 |
| 3815277.69 | 150.45842  | (17101307) |            |           |
| 397529.51  | 3815315.41 | 132.81305  | (20010305) | 397552.02 |
| 3815353.14 | 139.13963  | (20010305) |            |           |
| 397574.52  | 3815390.86 | 138.56838  | (19122818) | 397597.03 |
| 3815428.58 | 155.34241  | (20122108) |            |           |
| 397619.54  | 3815466.31 | 138.71131  | (20122108) | 397642.04 |
| 3815504.03 | 136.09275  | (18120406) |            |           |
| 397664.55  | 3815541.76 | 143.16290  | (19103104) | 397687.05 |
| 3815579.48 | 144.92509  | (19103104) |            |           |
| 397709.56  | 3815617.21 | 150.99208  | (18041806) | 397732.07 |
| 3815654.93 | 151.24321  | (18122006) |            |           |
| 397754.57  | 3815692.65 | 149.97696  | (20111005) | 397777.08 |
| 3815730.38 | 140.33734  | (20111005) |            |           |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816921.04 | 398238.48 | 3816877.97 | 126.85656  | (18102704) | 398229.83 |
|            |           | 121.44399  | (18102704) |            |           |
| 3817007.18 | 398221.18 | 3816964.11 | 123.50847  | (16011208) | 398212.53 |
|            |           | 106.68379  | (20010723) |            |           |
| 3817093.31 | 398203.87 | 3817050.24 | 117.68498  | (20112020) | 398195.22 |
|            |           | 124.05031  | (19112204) |            |           |
| 3817179.44 | 398186.57 | 3817136.38 | 127.11999  | (19112204) | 398177.92 |
|            |           | 128.91709  | (20011806) |            |           |
| 3817265.58 | 398169.26 | 3817222.51 | 127.34958  | (20022107) | 398160.61 |
|            |           | 123.21457  | (20022107) |            |           |
| 3817351.71 | 398151.96 | 3817308.65 | 117.89853  | (19120206) | 398143.31 |
|            |           | 128.27650  | (18112602) |            |           |
| 3817437.85 | 398134.65 | 3817394.78 | 117.48830  | (18112602) | 398126.00 |
|            |           | 108.56905  | (19122706) |            |           |
| 3817523.98 | 398117.35 | 3817480.92 | 115.09369  | (16022407) | 398108.70 |
|            |           | 127.69808  | (16022407) |            |           |
| 3817610.12 | 398100.04 | 3817567.05 | 118.70367  | (16022407) | 398091.39 |
|            |           | 119.77150  | (16122722) |            |           |
| 3817696.25 | 398082.74 | 3817653.18 | 126.86314  | (16122722) | 398074.09 |
|            |           | 126.23477  | (16020602) |            |           |
| 3817782.39 | 398065.44 | 3817739.32 | 121.61968  | (17030718) | 398056.78 |
|            |           | 123.89538  | (17030718) |            |           |
| 3817868.52 | 398048.13 | 3817825.45 | 112.58498  | (18121405) | 398039.48 |
|            |           | 123.06359  | (17122921) |            |           |
| 3817954.65 | 398030.83 | 3817911.59 | 121.62223  | (17122921) | 398022.17 |
|            |           | 124.48089  | (19020808) |            |           |
| 3818040.79 | 398013.52 | 3817997.72 | 123.25849  | (19122907) | 398004.87 |
|            |           | 119.32236  | (19122907) |            |           |
| 3818126.92 | 397996.22 | 3818083.86 | 109.50892  | (20011803) | 397987.56 |
|            |           | 122.17625  | (20011803) |            |           |
| 3818213.06 | 397978.91 | 3818169.99 | 117.05269  | (20011803) | 397970.26 |
|            |           | 117.60852  | (19120304) |            |           |
| 3815104.62 | 397410.78 | 3815131.98 | 159.18028  | (19020108) | 397375.88 |
|            |           | 159.19053  | (18011405) |            |           |
| 3815049.91 | 397340.98 | 3815077.27 | 152.58494  | (18011405) | 397306.08 |
|            |           | 136.38761  | (17092506) |            |           |
| 3814808.95 | 397747.98 | 3814771.07 | 107.71009  | (16100607) | 397770.58 |
|            |           | 114.21358  | (17092506) |            |           |
| 3814884.71 | 397793.18 | 3814846.83 | 130.07566  | (18011405) | 397815.78 |
|            |           | 129.26243  | (18011405) |            |           |
| 3814960.47 | 397838.38 | 3814922.59 | 132.03718  | (19020108) | 397860.97 |
|            |           | 125.74564  | (16010202) |            |           |
| 3815036.23 | 397883.57 | 3814998.35 | 125.17090  | (20110307) | 397906.17 |
|            |           | 125.08530  | (17101307) |            |           |
| 3815111.99 | 397928.77 | 3815074.11 | 130.58446  | (17101307) | 397951.37 |
|            |           | 113.16962  | (17101307) |            |           |
| 3815187.75 | 397973.97 | 3815149.87 | 115.77767  | (20010305) | 397996.57 |
|            |           | 113.49997  | (20010305) |            |           |
| 3815263.50 | 398019.17 | 3815225.63 | 116.91315  | (20122108) | 398041.77 |
|            |           | 129.83770  | (20122108) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398064.36  | 3815301.38 | 120.48794  | (20122108) | 398086.96 |
| 3815339.26 | 108.93238  | (18120406) |            |           |
| 398109.56  | 3815377.14 | 114.98058  | (18120406) | 398132.16 |
| 3815415.02 | 123.48128  | (19103104) |            |           |
| 398154.76  | 3815452.90 | 123.63746  | (18041806) | 398177.36 |
| 3815490.78 | 125.29559  | (18041806) |            |           |
| 398199.96  | 3815528.66 | 126.56159  | (18122006) | 398222.56 |
| 3815566.54 | 124.30793  | (20111005) |            |           |
| 398245.16  | 3815604.42 | 122.29757  | (20111005) | 398267.76 |
| 3815642.30 | 116.29146  | (19112403) |            |           |
| 398290.35  | 3815680.18 | 123.35014  | (16122724) | 398312.95 |
| 3815718.06 | 119.21182  | (16122724) |            |           |
| 398335.55  | 3815755.94 | 122.53146  | (16120402) | 398358.15 |
| 3815793.82 | 121.56351  | (19010221) |            |           |
| 398380.75  | 3815831.70 | 116.81013  | (19010221) | 398403.35 |
| 3815869.58 | 116.93427  | (17020906) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 553

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398425.95   | 3815907.46  | 106.01306  | (17062603) | 398448.55   |
| 3815945.34  | 102.50217   | (17062603) |            |             |
| 398471.15   | 3815983.22  | 100.44331  | (19110405) | 398493.74   |
| 3816021.10  | 91.40366    | (19110405) |            |             |
| 398516.34   | 3816058.98  | 109.52738  | (19110107) | 398538.94   |
| 3816096.86  | 116.59057   | (19110107) |            |             |
| 398561.54   | 3816134.74  | 109.02611  | (19110107) | 398584.14   |
| 3816172.62  | 109.44216   | (18030718) |            |             |
| 398606.74   | 3816210.50  | 113.18722  | (19112618) | 398629.34   |
| 3816248.37  | 109.90816   | (19112618) |            |             |
| 398651.94   | 3816286.25  | 112.20554  | (18111624) | 398674.54   |
| 3816324.13  | 108.15731   | (20122018) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816399.89 | 398697.14 | 3816362.01 | 110.09751  | (20122018) | 398719.73 |
|            |           | 108.95611  | (18120405) |            |           |
|            | 398742.33 | 3816437.77 | 107.87404  | (18120405) | 398764.93 |
| 3816475.65 |           | 104.82870  | (19083106) |            |           |
|            | 398783.19 | 3816535.15 | 106.45114  | (16102107) | 398774.50 |
| 3816578.40 |           | 105.66172  | (16102107) |            |           |
|            | 398765.81 | 3816621.64 | 108.50629  | (20102906) | 398757.12 |
| 3816664.89 |           | 106.39639  | (17112607) |            |           |
|            | 398748.43 | 3816708.13 | 107.21338  | (17112607) | 398739.75 |
| 3816751.38 |           | 109.17964  | (18121105) |            |           |
|            | 398731.06 | 3816794.62 | 105.78772  | (16102924) | 398722.37 |
| 3816837.87 |           | 107.83756  | (16102924) |            |           |
|            | 398713.68 | 3816881.11 | 109.72195  | (20120207) | 398704.99 |
| 3816924.36 |           | 105.80268  | (18102704) |            |           |
|            | 398696.31 | 3816967.60 | 108.80624  | (18102704) | 398687.62 |
| 3817010.84 |           | 107.03423  | (16011208) |            |           |
|            | 398678.93 | 3817054.09 | 102.68858  | (16011208) | 398670.24 |
| 3817097.33 |           | 90.86385   | (20010723) |            |           |
|            | 398661.55 | 3817140.58 | 101.17446  | (20112020) | 398652.87 |
| 3817183.82 |           | 105.56149  | (19112204) |            |           |
|            | 398644.18 | 3817227.07 | 109.99269  | (19112204) | 398635.49 |
| 3817270.31 |           | 109.81283  | (20011806) |            |           |
|            | 398626.80 | 3817313.56 | 106.67450  | (20011806) | 398618.11 |
| 3817356.80 |           | 109.99410  | (20022107) |            |           |
|            | 398609.43 | 3817400.05 | 101.12179  | (19120206) | 398600.74 |
| 3817443.29 |           | 104.03158  | (18112602) |            |           |
|            | 398592.05 | 3817486.54 | 109.88543  | (18112602) | 398583.36 |
| 3817529.78 |           | 100.45660  | (18112602) |            |           |
|            | 398574.67 | 3817573.02 | 93.94092   | (19122706) | 398565.99 |
| 3817616.27 |           | 93.49512   | (16022407) |            |           |
|            | 398557.30 | 3817659.51 | 107.65483  | (16022407) | 398548.61 |
| 3817702.76 |           | 107.56222  | (16022407) |            |           |
|            | 398539.92 | 3817746.00 | 96.14544   | (17122604) | 398531.23 |
| 3817789.25 |           | 106.24580  | (16122722) |            |           |
|            | 398522.55 | 3817832.49 | 107.80710  | (16122722) | 398513.86 |
| 3817875.74 |           | 108.36494  | (16020602) |            |           |
|            | 398505.17 | 3817918.98 | 103.65757  | (16020602) | 398496.48 |
| 3817962.23 |           | 107.14910  | (17030718) |            |           |
|            | 398487.79 | 3818005.47 | 96.93688   | (17030718) | 398479.11 |
| 3818048.72 |           | 100.89060  | (17122921) |            |           |
|            | 398470.42 | 3818091.96 | 106.99848  | (17122921) | 398461.73 |
| 3818135.20 |           | 104.60481  | (19020808) |            |           |
|            | 398453.04 | 3818178.45 | 105.47973  | (19020808) | 398444.35 |
| 3818221.69 |           | 105.98802  | (19122907) |            |           |
|            | 398435.67 | 3818264.94 | 102.00959  | (19122907) | 398426.98 |
| 3818308.18 |           | 91.94840   | (16010403) |            |           |
|            | 398418.29 | 3818351.43 | 103.30876  | (20011803) | 398409.60 |
| 3818394.67 |           | 103.41598  | (20011803) |            |           |
|            | 398400.91 | 3818437.92 | 101.08405  | (19120304) | 398392.23 |
| 3818481.16 |           | 97.46615   | (19120304) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397719.23  | 3814738.45 | 129.22961  | (16100607) | 397684.33 |
| 3814711.10 | 130.29687  | (16100607) |            |           |
| 397649.43  | 3814683.74 | 122.63073  | (19091206) | 397614.53 |
| 3814656.39 | 134.90289  | (16021701) |            |           |
| 398056.46  | 3814377.60 | 112.27119  | (16021701) | 398079.12 |
| 3814415.59 | 103.18801  | (19091206) |            |           |
| 398101.79  | 3814453.58 | 109.72945  | (16100607) | 398124.45 |
| 3814491.57 | 111.11786  | (16100607) |            |           |
| 398147.12  | 3814529.56 | 96.69934   | (16100607) | 398169.78 |
| 3814567.55 | 95.38276   | (17092506) |            |           |
| 398192.45  | 3814605.54 | 104.48657  | (18011405) | 398215.11 |
| 3814643.53 | 113.45444  | (18011405) |            |           |
| 398237.78  | 3814681.52 | 110.92340  | (19020108) | 398260.44 |
| 3814719.51 | 111.52145  | (19020108) |            |           |
| 398283.10  | 3814757.50 | 107.42741  | (16010202) | 398305.77 |
| 3814795.48 | 106.38221  | (20110307) |            |           |
| 398328.43  | 3814833.47 | 106.85120  | (20110307) | 398351.10 |
| 3814871.46 | 112.35961  | (17101307) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 554

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398373.76   | 3814909.45  | 104.88001  | (17101307) | 398396.43   |
| 3814947.44  | 92.26485    | (20010305) |            |             |
| 398419.09   | 3814985.43  | 100.15022  | (20010305) | 398441.75   |
| 3815023.42  | 96.49021    | (19122818) |            |             |
| 398464.42   | 3815061.41  | 101.43789  | (20122108) | 398487.08   |
| 3815099.40  | 110.88911   | (20122108) |            |             |
| 398509.75   | 3815137.39  | 105.11536  | (20122108) | 398532.41   |
| 3815175.38  | 92.90799    | (18021602) |            |             |
| 398555.08   | 3815213.37  | 98.07252   | (18120406) | 398577.74   |
| 3815251.36  | 101.27515   | (19103104) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398600.41  | 3815289.35 | 105.44443  | (19103104) | 398623.07 |
| 3815327.34 | 107.65030  | (18041806) |            |           |
| 398645.73  | 3815365.33 | 105.90008  | (18041806) | 398668.40 |
| 3815403.31 | 108.12478  | (18122006) |            |           |
| 398691.06  | 3815441.30 | 105.18610  | (20111005) | 398713.73 |
| 3815479.29 | 106.39712  | (20111005) |            |           |
| 398736.39  | 3815517.28 | 99.17961   | (19112403) | 398759.06 |
| 3815555.27 | 101.15684  | (16122724) |            |           |
| 398781.72  | 3815593.26 | 105.88973  | (16122724) | 398804.39 |
| 3815631.25 | 103.35388  | (16120402) |            |           |
| 398827.05  | 3815669.24 | 103.79814  | (16120402) | 398849.71 |
| 3815707.23 | 103.93410  | (19010221) |            |           |
| 398872.38  | 3815745.22 | 100.60930  | (19010221) | 398895.04 |
| 3815783.21 | 100.34801  | (17020906) |            |           |
| 398917.71  | 3815821.20 | 94.06509   | (17020906) | 398940.37 |
| 3815859.19 | 90.38196   | (17062603) |            |           |
| 398963.04  | 3815897.18 | 84.94625   | (19110405) | 398985.70 |
| 3815935.17 | 84.32667   | (19110405) |            |           |
| 399008.37  | 3815973.15 | 80.08796   | (19110107) | 399031.03 |
| 3816011.14 | 94.11110   | (19110107) |            |           |
| 399053.69  | 3816049.13 | 99.51873   | (19110107) | 399076.36 |
| 3816087.12 | 94.94709   | (19110107) |            |           |
| 399099.02  | 3816125.11 | 94.31858   | (18030718) | 399121.69 |
| 3816163.10 | 94.28697   | (19112618) |            |           |
| 399144.35  | 3816201.09 | 96.77411   | (19112618) | 399167.02 |
| 3816239.08 | 93.74349   | (18111624) |            |           |
| 399189.68  | 3816277.07 | 95.37924   | (18111624) | 399212.34 |
| 3816315.06 | 92.90236   | (20122018) |            |           |
| 399235.01  | 3816353.05 | 94.06696   | (20122018) | 399257.67 |
| 3816391.04 | 92.19811   | (18120405) |            |           |
| 399275.98  | 3816450.71 | 90.73225   | (18120405) | 399267.27 |
| 3816494.08 | 90.90617   | (19083106) |            |           |
| 399258.56  | 3816537.45 | 90.91025   | (16102107) | 399249.84 |
| 3816580.82 | 93.80652   | (16102107) |            |           |
| 399241.13  | 3816624.19 | 93.10970   | (20102906) | 399232.42 |
| 3816667.56 | 93.28239   | (20102906) |            |           |
| 399223.70  | 3816710.93 | 94.42746   | (17112607) | 399214.99 |
| 3816754.30 | 91.69827   | (17112607) |            |           |
| 399206.28  | 3816797.67 | 95.19074   | (18121105) | 399197.56 |
| 3816841.04 | 92.29360   | (16102924) |            |           |
| 399188.85  | 3816884.41 | 94.40115   | (16102924) | 399180.14 |
| 3816927.78 | 94.85093   | (20120207) |            |           |
| 399171.42  | 3816971.15 | 93.77044   | (20120207) | 399162.71 |
| 3817014.52 | 95.42119   | (18102704) |            |           |
| 399154.00  | 3817057.89 | 91.09497   | (18102704) | 399145.28 |
| 3817101.26 | 93.34195   | (16011208) |            |           |
| 399136.57  | 3817144.63 | 85.99695   | (16011208) | 399127.86 |
| 3817188.00 | 80.99398   | (20112020) |            |           |
| 399119.14  | 3817231.37 | 88.28456   | (20112020) | 399110.43 |
| 3817274.74 | 91.41149   | (19112204) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399101.72  | 3817318.11 | 96.11693   | (19112204) | 399093.00 |
| 3817361.48 | 94.09423   | (20011806) |            |           |
| 399084.29  | 3817404.85 | 95.44702   | (20011806) | 399075.58 |
| 3817448.22 | 95.43945   | (20022107) |            |           |
| 399066.86  | 3817491.59 | 93.42925   | (20022107) | 399058.15 |
| 3817534.96 | 88.77902   | (19120206) |            |           |
| 399049.44  | 3817578.33 | 92.79015   | (18112602) | 399040.73 |
| 3817621.70 | 95.41929   | (18112602) |            |           |
| 399032.01  | 3817665.07 | 87.18313   | (18112602) | 399023.30 |
| 3817708.44 | 82.25911   | (19122706) |            |           |
| 399014.59  | 3817751.81 | 80.46906   | (19051105) | 399005.87 |
| 3817795.18 | 91.02830   | (16022407) |            |           |
| 398997.16  | 3817838.55 | 95.30569   | (16022407) | 398988.45 |
| 3817881.92 | 88.88791   | (16022407) |            |           |
| 398979.73  | 3817925.29 | 85.19215   | (16122722) | 398971.02 |
| 3817968.66 | 94.11099   | (16122722) |            |           |
| 398962.31  | 3818012.03 | 92.78820   | (16122722) | 398953.59 |
| 3818055.40 | 94.43241   | (16020602) |            |           |
| 398944.88  | 3818098.77 | 90.60060   | (16020602) | 398936.17 |
| 3818142.14 | 93.63417   | (17030718) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 555

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398927.45   | 3818185.51  | 87.60221   | (17030718) | 398918.74   |
| 3818228.88  | 83.24990    | (18121405) |            |             |
| 398910.03   | 3818272.25  | 92.06523   | (17122921) | 398901.31   |
| 3818315.62  | 91.73263    | (17122921) |            |             |
| 398892.60   | 3818358.99  | 92.53133   | (19020808) | 398883.89   |
| 3818402.36  | 90.35592    | (19020808) |            |             |
| 398875.17   | 3818445.73  | 92.37686   | (19122907) | 398866.46   |
| 3818489.10  | 88.62441    | (19122907) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3818575.84 | 398857.75 | 3818532.47 | 79.99483   | (16010403) | 398849.03 |
|            |           | 88.39897   | (20011803) |            |           |
|            | 398840.32 | 3818619.21 | 91.09094   | (20011803) | 398831.61 |
| 3818662.58 |           | 86.10896   | (19120304) |            |           |
|            | 398822.90 | 3818705.95 | 87.65852   | (19120304) | 398814.18 |
| 3818749.32 |           | 81.01234   | (19120304) |            |           |
|            | 398027.68 | 3814344.93 | 110.96105  | (16021701) | 397992.78 |
| 3814317.57 |           | 114.39491  | (19120705) |            |           |
|            | 397957.88 | 3814290.22 | 107.44161  | (18111202) | 397922.98 |
| 3814262.86 |           | 107.78751  | (18111202) |            |           |
|            | 398364.93 | 3813984.12 | 93.54978   | (18111202) | 398387.64 |
| 3814022.19 |           | 96.46606   | (19120705) |            |           |
|            | 398410.36 | 3814060.26 | 97.62315   | (19120705) | 398433.07 |
| 3814098.33 |           | 98.19719   | (16021701) |            |           |
|            | 398455.78 | 3814136.40 | 95.42581   | (16021701) | 398478.50 |
| 3814174.48 |           | 89.57648   | (19091206) |            |           |
|            | 398501.21 | 3814212.55 | 95.61569   | (16100607) | 398523.92 |
| 3814250.62 |           | 96.82475   | (16100607) |            |           |
|            | 398546.64 | 3814288.69 | 86.65734   | (16100607) | 398569.35 |
| 3814326.76 |           | 80.22623   | (17092506) |            |           |
|            | 398592.06 | 3814364.83 | 84.65693   | (17092506) | 398614.78 |
| 3814402.90 |           | 96.35578   | (18011405) |            |           |
|            | 398637.49 | 3814440.97 | 97.60704   | (18011405) | 398660.20 |
| 3814479.04 |           | 97.97810   | (19020108) |            |           |
|            | 398682.92 | 3814517.11 | 95.33351   | (19020108) | 398705.63 |
| 3814555.19 |           | 93.23240   | (16010202) |            |           |
|            | 398728.34 | 3814593.26 | 92.06589   | (20110307) | 398751.05 |
| 3814631.33 |           | 93.57193   | (20110307) |            |           |
|            | 398773.77 | 3814669.40 | 97.01275   | (17101307) | 398796.48 |
| 3814707.47 |           | 94.93603   | (17101307) |            |           |
|            | 398819.19 | 3814745.54 | 82.39489   | (17101307) | 398841.91 |
| 3814783.61 |           | 84.29897   | (20010305) |            |           |
|            | 398864.62 | 3814821.68 | 86.48914   | (20010305) | 398887.33 |
| 3814859.75 |           | 84.90236   | (19122818) |            |           |
|            | 398910.05 | 3814897.82 | 89.28531   | (20122108) | 398932.76 |
| 3814935.90 |           | 96.28912   | (20122108) |            |           |
|            | 398955.47 | 3814973.97 | 92.45644   | (20122108) | 398978.19 |
| 3815012.04 |           | 81.11361   | (18021602) |            |           |
|            | 399000.90 | 3815050.11 | 83.49826   | (18120406) | 399023.61 |
| 3815088.18 |           | 84.71041   | (18120406) |            |           |
|            | 399046.33 | 3815126.25 | 91.02790   | (19103104) | 399069.04 |
| 3815164.32 |           | 89.89579   | (19103104) |            |           |
|            | 399091.75 | 3815202.39 | 94.25917   | (18041806) | 399114.46 |
| 3815240.46 |           | 90.85002   | (18041806) |            |           |
|            | 399137.18 | 3815278.53 | 93.88812   | (18122006) | 399159.89 |
| 3815316.61 |           | 90.57866   | (20111005) |            |           |
|            | 399182.60 | 3815354.68 | 93.11968   | (20111005) | 399205.32 |
| 3815392.75 |           | 86.19107   | (20111005) |            |           |
|            | 399228.03 | 3815430.82 | 85.57195   | (19112403) | 399250.74 |
| 3815468.89 |           | 91.14703   | (16122724) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399273.46  | 3815506.96 | 90.58422   | (16122724) | 399296.17 |
| 3815545.03 | 90.87580   | (16120402) |            |           |
| 399318.88  | 3815583.10 | 89.18388   | (16120402) | 399341.60 |
| 3815621.17 | 90.32441   | (19010221) |            |           |
| 399364.31  | 3815659.24 | 87.78762   | (19010221) | 399387.02 |
| 3815697.32 | 87.07449   | (17020906) |            |           |
| 399409.74  | 3815735.39 | 84.05382   | (17020906) | 399432.45 |
| 3815773.46 | 78.89450   | (17062603) |            |           |
| 399455.16  | 3815811.53 | 75.85934   | (17062603) | 399477.87 |
| 3815849.60 | 74.37429   | (19110405) |            |           |
| 399500.59  | 3815887.67 | 71.43202   | (19110405) | 399523.30 |
| 3815925.74 | 71.77124   | (19110107) |            |           |
| 399546.01  | 3815963.81 | 82.16783   | (19110107) | 399568.73 |
| 3816001.88 | 86.34231   | (19110107) |            |           |
| 399591.44  | 3816039.95 | 83.43195   | (19110107) | 399614.15 |
| 3816078.03 | 81.83610   | (18030718) |            |           |
| 399636.87  | 3816116.10 | 79.62814   | (18030718) | 399659.58 |
| 3816154.17 | 83.97193   | (19112618) |            |           |
| 399682.29  | 3816192.24 | 82.48173   | (19112618) | 399705.01 |
| 3816230.31 | 82.61484   | (18111624) |            |           |
| 399727.72  | 3816268.38 | 82.11370   | (18111624) | 399750.43 |
| 3816306.45 | 81.01236   | (20122018) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 556

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399768.78   | 3816366.25  | 79.78663   | (20122018) | 399760.05   |
| 3816409.72  | 82.37475    | (18120405) |            |             |
| 399751.32   | 3816453.18  | 80.15882   | (18120405) | 399742.58   |
| 3816496.64  | 80.14806    | (19083106) |            |             |
| 399733.85   | 3816540.11  | 78.44188   | (16102107) | 399725.12   |
| 3816583.57  | 82.99916    | (16102107) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 399716.39  | 3816627.03          | 79.83498 | (16102107) | 399707.66 |
| 3816670.50 | 83.44023 (20102906) |          |            |           |
| 399698.92  | 3816713.96          | 80.16638 | (17112607) | 399690.19 |
| 3816757.42 | 83.62249 (17112607) |          |            |           |
| 399681.46  | 3816800.88          | 81.13845 | (18121105) | 399672.73 |
| 3816844.35 | 83.90037 (18121105) |          |            |           |
| 399664.00  | 3816887.81          | 81.57120 | (16102924) | 399655.26 |
| 3816931.27 | 83.53709 (16102924) |          |            |           |
| 399646.53  | 3816974.74          | 82.82861 | (20120207) | 399637.80 |
| 3817018.20 | 83.94475 (20120207) |          |            |           |
| 399629.07  | 3817061.66          | 83.14387 | (18102704) | 399620.34 |
| 3817105.13 | 83.33871 (18102704) |          |            |           |
| 399611.60  | 3817148.59          | 81.81498 | (16011208) | 399602.87 |
| 3817192.05 | 81.06773 (16011208) |          |            |           |
| 399594.14  | 3817235.52          | 72.67677 | (16011208) | 399585.41 |
| 3817278.98 | 72.90825 (20112020) |          |            |           |
| 399576.68  | 3817322.44          | 77.97493 | (20112020) | 399567.94 |
| 3817365.90 | 80.27182 (19112204) |          |            |           |
| 399559.21  | 3817409.37          | 84.82436 | (19112204) | 399550.48 |
| 3817452.83 | 81.32497 (20011806) |          |            |           |
| 399541.75  | 3817496.29          | 84.91062 | (20011806) | 399533.02 |
| 3817539.76 | 81.97043 (20022107) |          |            |           |
| 399524.29  | 3817583.22          | 84.57767 | (20022107) | 399515.55 |
| 3817626.68 | 78.98848 (20022107) |          |            |           |
| 399506.82  | 3817670.15          | 77.91438 | (19120206) | 399498.09 |
| 3817713.61 | 83.08769 (18112602) |          |            |           |
| 399489.36  | 3817757.07          | 83.82458 | (18112602) | 399480.63 |
| 3817800.54 | 76.62048 (18112602) |          |            |           |
| 399471.89  | 3817844.00          | 72.80861 | (19122706) | 399463.16 |
| 3817887.46 | 70.50260 (19051105) |          |            |           |
| 399454.43  | 3817930.92          | 77.53776 | (16022407) | 399445.70 |
| 3817974.39 | 83.75296 (16022407) |          |            |           |
| 399436.97  | 3818017.85          | 82.11478 | (16022407) | 399428.23 |
| 3818061.31 | 73.50655 (17122604) |          |            |           |
| 399419.50  | 3818104.78          | 78.62675 | (16122722) | 399410.77 |
| 3818148.24 | 83.56888 (16122722) |          |            |           |
| 399402.04  | 3818191.70          | 80.79052 | (16122722) | 399393.31 |
| 3818235.17 | 83.31491 (16020602) |          |            |           |
| 399384.57  | 3818278.63          | 80.12763 | (16020602) | 399375.84 |
| 3818322.09 | 82.63626 (17030718) |          |            |           |
| 399367.11  | 3818365.56          | 79.17133 | (17030718) | 399358.38 |
| 3818409.02 | 73.75896 (18121405) |          |            |           |
| 399349.65  | 3818452.48          | 78.63063 | (17122921) | 399340.91 |
| 3818495.95 | 82.12057 (17122921) |          |            |           |
| 399332.18  | 3818539.41          | 78.46411 | (19020808) | 399323.45 |
| 3818582.87 | 81.87782 (19020808) |          |            |           |
| 399314.72  | 3818626.33          | 78.24358 | (19020808) | 399305.99 |
| 3818669.80 | 81.45106 (19122907) |          |            |           |
| 399297.26  | 3818713.26          | 78.01475 | (19122907) | 399288.52 |
| 3818756.72 | 70.43850 (16010403) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399279.79  | 3818800.19 | 76.50621   | (20011803) | 399271.06 |
| 3818843.65 | 80.39478   | (20011803) |            |           |
| 399262.33  | 3818887.11 | 77.74251   | (20011803) | 399253.60 |
| 3818930.58 | 77.51024   | (19120304) |            |           |
| 399244.86  | 3818974.04 | 75.50025   | (19120304) | 399236.13 |
| 3819017.50 | 67.87414   | (19120304) |            |           |
| 398336.13  | 3813951.41 | 89.22560   | (18111202) | 398301.23 |
| 3813924.05 | 86.32215   | (16010301) |            |           |
| 398266.33  | 3813896.70 | 79.99553   | (16010301) | 398231.43 |
| 3813869.34 | 90.10004   | (16102601) |            |           |
| 399187.41  | 3812934.65 | 63.45982   | (18013107) | 399210.03 |
| 3812972.56 | 66.97278   | (16102601) |            |           |
| 399232.65  | 3813010.47 | 70.44824   | (16102601) | 399255.26 |
| 3813048.38 | 68.75925   | (16102601) |            |           |
| 399277.88  | 3813086.29 | 62.24465   | (16102601) | 399300.50 |
| 3813124.20 | 56.90049   | (16010301) |            |           |
| 399323.12  | 3813162.11 | 61.65174   | (16010301) | 399345.73 |
| 3813200.02 | 61.92054   | (16010301) |            |           |
| 399368.35  | 3813237.93 | 66.64379   | (18111202) | 399390.97 |
| 3813275.85 | 67.85885   | (18111202) |            |           |
| 399413.59  | 3813313.76 | 69.55485   | (19120705) | 399436.21 |
| 3813351.67 | 71.77767   | (19120705) |            |           |
| 399458.82  | 3813389.58 | 68.68310   | (16021701) | 399481.44 |
| 3813427.49 | 71.81673   | (16021701) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 557

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399504.06   | 3813465.40  | 69.52936   | (16021701) | 399526.68   |
| 3813503.31  | 65.00142    | (19091206) |            |             |
| 399549.29   | 3813541.22  | 65.93490   | (16100607) | 399571.91   |
| 3813579.13  | 70.74615    | (16100607) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399594.53  | 3813617.05 | 70.26455   | (16100607) | 399617.15 |
| 3813654.96 | 64.59685   | (16100607) |            |           |
| 399639.76  | 3813692.87 | 54.97147   | (16100607) | 399662.38 |
| 3813730.78 | 60.21787   | (17092506) |            |           |
| 399685.00  | 3813768.69 | 62.35949   | (18011405) | 399707.62 |
| 3813806.60 | 69.52591   | (18011405) |            |           |
| 399730.24  | 3813844.51 | 71.76141   | (18011405) | 399752.85 |
| 3813882.42 | 68.58217   | (18011405) |            |           |
| 399775.47  | 3813920.33 | 71.68145   | (19020108) | 399798.09 |
| 3813958.24 | 69.42647   | (19020108) |            |           |
| 399820.71  | 3813996.16 | 67.65978   | (16010202) | 399843.32 |
| 3814034.07 | 66.43233   | (16010202) |            |           |
| 399865.94  | 3814071.98 | 68.19403   | (20110307) | 399888.56 |
| 3814109.89 | 67.90352   | (20110307) |            |           |
| 399911.18  | 3814147.80 | 70.05582   | (17101307) | 399933.79 |
| 3814185.71 | 70.77377   | (17101307) |            |           |
| 399956.41  | 3814223.62 | 66.31617   | (17101307) | 399979.03 |
| 3814261.53 | 57.65682   | (17101307) |            |           |
| 400001.65  | 3814299.44 | 60.64437   | (20010305) | 400024.27 |
| 3814337.36 | 63.15533   | (20010305) |            |           |
| 400046.88  | 3814375.27 | 61.07175   | (20010305) | 400069.50 |
| 3814413.18 | 62.20430   | (19122818) |            |           |
| 400092.12  | 3814451.09 | 64.66506   | (20122108) | 400114.74 |
| 3814489.00 | 69.57543   | (20122108) |            |           |
| 400137.35  | 3814526.91 | 69.60644   | (20122108) | 400159.97 |
| 3814564.82 | 64.78876   | (20122108) |            |           |
| 400182.59  | 3814602.73 | 58.81704   | (18021602) | 400205.21 |
| 3814640.64 | 59.78613   | (18120406) |            |           |
| 400227.83  | 3814678.56 | 62.04782   | (18120406) | 400250.44 |
| 3814716.47 | 62.89752   | (19103104) |            |           |
| 400273.06  | 3814754.38 | 66.55716   | (19103104) | 400295.68 |
| 3814792.29 | 65.69025   | (19103104) |            |           |
| 400318.30  | 3814830.20 | 67.86455   | (18041806) | 400340.91 |
| 3814868.11 | 68.40821   | (18041806) |            |           |
| 400363.53  | 3814906.02 | 66.35811   | (18122006) | 400386.15 |
| 3814943.93 | 68.36811   | (18122006) |            |           |
| 400408.77  | 3814981.84 | 65.87057   | (18122006) | 400431.38 |
| 3815019.75 | 67.79708   | (20111005) |            |           |
| 400454.00  | 3815057.67 | 66.88254   | (20111005) | 400476.62 |
| 3815095.58 | 61.86503   | (19112403) |            |           |
| 400499.24  | 3815133.49 | 62.53981   | (19112403) | 400521.86 |
| 3815171.40 | 64.60749   | (16122724) |            |           |
| 400544.47  | 3815209.31 | 66.98217   | (16122724) | 400567.09 |
| 3815247.22 | 65.19241   | (16122724) |            |           |
| 400589.71  | 3815285.13 | 65.94574   | (16120402) | 400612.33 |
| 3815323.04 | 65.94529   | (16120402) |            |           |
| 400634.94  | 3815360.95 | 64.06311   | (19010221) | 400657.56 |
| 3815398.87 | 65.87162   | (19010221) |            |           |
| 400680.18  | 3815436.78 | 63.77439   | (19010221) | 400702.80 |
| 3815474.69 | 63.02955   | (17020906) |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 400725.41                                                                | 3815512.60 | 62.86050   | (17020906) | 400748.03 |
| 3815550.51                                                               | 59.14634   | (17020906) |            |           |
| 400770.65                                                                | 3815588.42 | 57.38795   | (17062603) | 400793.27 |
| 3815626.33                                                               | 55.72330   | (17062603) |            |           |
| 400815.89                                                                | 3815664.24 | 53.51690   | (19110405) | 400838.50 |
| 3815702.15                                                               | 53.66060   | (19110405) |            |           |
| 400861.12                                                                | 3815740.07 | 50.91717   | (19110405) | 400883.74 |
| 3815777.98                                                               | 50.99831   | (19110107) |            |           |
| 400906.36                                                                | 3815815.89 | 57.65596   | (19110107) | 400928.97 |
| 3815853.80                                                               | 61.76293   | (19110107) |            |           |
| 400951.59                                                                | 3815891.71 | 62.74821   | (19110107) | 400974.21 |
| 3815929.62                                                               | 60.51346   | (19110107) |            |           |
| 400996.83                                                                | 3815967.53 | 59.23467   | (18030718) | 401019.44 |
| 3816005.44                                                               | 59.21987   | (18030718) |            |           |
| 401042.06                                                                | 3816043.35 | 59.00420   | (19112618) | 401064.68 |
| 3816081.26                                                               | 61.18020   | (19112618) |            |           |
| 401082.95                                                                | 3816140.82 | 58.94137   | (19112618) | 401074.25 |
| 3816184.10                                                               | 60.92689   | (18111624) |            |           |
| 401065.56                                                                | 3816227.38 | 60.71068   | (18111624) | 401056.86 |
| 3816270.66                                                               | 59.92677   | (20122018) |            |           |
| 401048.17                                                                | 3816313.94 | 61.54164   | (20122018) | 401039.47 |
| 3816357.22                                                               | 59.50975   | (20122018) |            |           |
| 401030.78                                                                | 3816400.50 | 61.64773   | (18120405) | 401022.08 |
| 3816443.78                                                               | 61.37395   | (18120405) |            |           |
| 401013.39                                                                | 3816487.06 | 58.83521   | (19083106) | 401004.69 |
| 3816530.34                                                               | 60.28100   | (19083106) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study *** 02/10/26                                                       |            |            |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
| *** 17:54:19                                                             |            |            |            |           |

PAGE 558

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 400996.00   | 3816573.62  | 58.97611   | (16102107) | 400987.30   |
| 3816616.90  | 62.16252    | (16102107) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 400978.61  | 3816660.18          | 61.56193 | (16102107) | 400969.91 |
| 3816703.46 | 61.48940 (20102906) |          |            |           |
| 400961.22  | 3816746.74          | 62.59114 | (20102906) | 400952.52 |
| 3816790.02 | 60.00451 (17112607) |          |            |           |
| 400943.83  | 3816833.30          | 62.75922 | (17112607) | 400935.13 |
| 3816876.58 | 61.59544 (17112607) |          |            |           |
| 400926.44  | 3816919.87          | 62.32653 | (18121105) | 400917.74 |
| 3816963.15 | 62.80707 (18121105) |          |            |           |
| 400909.05  | 3817006.43          | 60.91621 | (16102924) | 400900.35 |
| 3817049.71 | 63.01152 (16102924) |          |            |           |
| 400891.65  | 3817092.99          | 61.10186 | (16102924) | 400882.96 |
| 3817136.27 | 63.09082 (20120207) |          |            |           |
| 400874.26  | 3817179.55          | 62.76604 | (20120207) | 400865.57 |
| 3817222.83 | 62.00099 (18102704) |          |            |           |
| 400856.87  | 3817266.11          | 63.26982 | (18102704) | 400848.18 |
| 3817309.39 | 60.48566 (18102704) |          |            |           |
| 400839.48  | 3817352.67          | 61.83885 | (16011208) | 400830.79 |
| 3817395.95 | 60.62035 (16011208) |          |            |           |
| 400822.09  | 3817439.23          | 55.65714 | (16011208) | 400813.40 |
| 3817482.51 | 52.07999 (20010723) |          |            |           |
| 400804.70  | 3817525.79          | 56.86304 | (20112020) | 400796.01 |
| 3817569.07 | 58.59625 (20112020) |          |            |           |
| 400787.31  | 3817612.35          | 60.07435 | (19112204) | 400778.62 |
| 3817655.63 | 63.46507 (19112204) |          |            |           |
| 400769.92  | 3817698.91          | 62.79025 | (19112204) | 400761.23 |
| 3817742.19 | 62.68838 (20011806) |          |            |           |
| 400752.53  | 3817785.48          | 63.58667 | (20011806) | 400743.84 |
| 3817828.76 | 61.15228 (20022107) |          |            |           |
| 400735.14  | 3817872.04          | 63.59657 | (20022107) | 400726.45 |
| 3817915.32 | 61.95599 (20022107) |          |            |           |
| 400717.75  | 3817958.60          | 58.22511 | (19120206) | 400709.05 |
| 3818001.88 | 58.17260 (19120206) |          |            |           |
| 400700.36  | 3818045.16          | 61.89500 | (18112602) | 400691.66 |
| 3818088.44 | 63.42900 (18112602) |          |            |           |
| 400682.97  | 3818131.72          | 60.92781 | (18112602) | 400674.27 |
| 3818175.00 | 55.09229 (19122706) |          |            |           |
| 400665.58  | 3818218.28          | 54.30550 | (19122706) | 400656.88 |
| 3818261.56 | 52.39765 (19051105) |          |            |           |
| 400648.19  | 3818304.84          | 54.86176 | (16022407) | 400639.49 |
| 3818348.12 | 60.73659 (16022407) |          |            |           |
| 400630.80  | 3818391.40          | 63.09132 | (16022407) | 400622.10 |
| 3818434.68 | 61.51408 (16022407) |          |            |           |
| 400613.41  | 3818477.96          | 56.31285 | (16022407) | 400604.71 |
| 3818521.24 | 55.61449 (16122722) |          |            |           |
| 400596.02  | 3818564.52          | 60.94439 | (16122722) | 400587.32 |
| 3818607.80 | 62.74397 (16122722) |          |            |           |
| 400578.63  | 3818651.09          | 60.71114 | (16122722) | 400569.93 |
| 3818694.37 | 62.16610 (16020602) |          |            |           |
| 400561.24  | 3818737.65          | 61.87483 | (16020602) | 400552.54 |
| 3818780.93 | 60.54181 (17030718) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400543.84  | 3818824.21 | 62.00685   | (17030718) | 400535.15 |
| 3818867.49 | 59.78316   | (17030718) |            |           |
| 400526.45  | 3818910.77 | 54.97554   | (18121405) | 400517.76 |
| 3818954.05 | 55.41292   | (17122921) |            |           |
| 400509.06  | 3818997.33 | 60.16187   | (17122921) | 400500.37 |
| 3819040.61 | 61.56549   | (17122921) |            |           |
| 400491.67  | 3819083.89 | 59.41460   | (17122921) | 400482.98 |
| 3819127.17 | 61.05451   | (19020808) |            |           |
| 400474.28  | 3819170.45 | 60.78111   | (19020808) | 400465.59 |
| 3819213.73 | 59.40841   | (19122907) |            |           |
| 400456.89  | 3819257.01 | 61.03365   | (19122907) | 400448.20 |
| 3819300.29 | 59.25001   | (19122907) |            |           |
| 400439.50  | 3819343.57 | 54.38184   | (19122907) | 400430.81 |
| 3819386.85 | 53.02288   | (20011803) |            |           |
| 400422.11  | 3819430.13 | 58.08133   | (20011803) | 400413.42 |
| 3819473.41 | 60.20751   | (20011803) |            |           |
| 400404.72  | 3819516.70 | 59.09856   | (20011803) | 400396.03 |
| 3819559.98 | 57.15536   | (19120304) |            |           |
| 400387.33  | 3819603.26 | 58.05191   | (19120304) | 400378.64 |
| 3819646.54 | 55.91170   | (19120304) |            |           |
| 400369.94  | 3819689.82 | 51.09589   | (19120304) | 400361.24 |
| 3819733.10 | 48.34486   | (16101822) |            |           |
| 399158.65  | 3812902.01 | 64.66088   | (19112205) | 399123.75 |
| 3812874.66 | 68.56405   | (19112205) |            |           |
| 399088.85  | 3812847.30 | 67.55949   | (19112205) | 399053.95 |
| 3812819.95 | 61.82027   | (19112205) |            |           |
| 400009.96  | 3811885.29 | 51.80048   | (20020607) | 400032.63 |
| 3811923.29 | 47.05658   | (20020607) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 559

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 400055.30  | 3811961.29          | 47.37676 | (19112205) | 400077.97 |
| 3811999.28 | 51.31692 (19112205) |          |            |           |
| 400100.63  | 3812037.28          | 52.82365 | (19112205) | 400123.30 |
| 3812075.27 | 51.65862 (19112205) |          |            |           |
| 400145.97  | 3812113.27          | 48.24901 | (18013107) | 400168.64 |
| 3812151.26 | 48.94654 (18013107) |          |            |           |
| 400191.31  | 3812189.26          | 51.54872 | (16102601) | 400213.98 |
| 3812227.25 | 54.23822 (16102601) |          |            |           |
| 400236.64  | 3812265.25          | 54.16958 | (16102601) | 400259.31 |
| 3812303.25 | 51.34060 (16102601) |          |            |           |
| 400281.98  | 3812341.24          | 46.16696 | (16102601) | 400304.65 |
| 3812379.24 | 44.04932 (16010301) |          |            |           |
| 400327.32  | 3812417.23          | 47.28071 | (16010301) | 400349.98 |
| 3812455.23 | 48.13706 (16010301) |          |            |           |
| 400372.65  | 3812493.22          | 49.50114 | (18111202) | 400395.32 |
| 3812531.22 | 52.22605 (18111202) |          |            |           |
| 400417.99  | 3812569.21          | 52.24525 | (18111202) | 400440.66 |
| 3812607.21 | 53.55801 (19120705) |          |            |           |
| 400463.32  | 3812645.21          | 55.50598 | (19120705) | 400485.99 |
| 3812683.20 | 54.52883 (19120705) |          |            |           |
| 400508.66  | 3812721.20          | 54.57660 | (16021701) | 400531.33 |
| 3812759.19 | 55.53443 (16021701) |          |            |           |
| 400554.00  | 3812797.19          | 53.55525 | (16021701) | 400576.67 |
| 3812835.18 | 50.05266 (19091206) |          |            |           |
| 400599.33  | 3812873.18          | 49.99064 | (19091206) | 400622.00 |
| 3812911.18 | 53.24231 (16100607) |          |            |           |
| 400644.67  | 3812949.17          | 55.07211 | (16100607) | 400667.34 |
| 3812987.17 | 53.97848 (16100607) |          |            |           |
| 400690.01  | 3813025.16          | 50.13299 | (16100607) | 400712.67 |
| 3813063.16 | 44.11991 (16100607) |          |            |           |
| 400735.34  | 3813101.15          | 44.97051 | (17092506) | 400758.01 |
| 3813139.15 | 47.27788 (17092506) |          |            |           |
| 400780.68  | 3813177.14          | 49.42524 | (18011405) | 400803.35 |
| 3813215.14 | 53.81750 (18011405) |          |            |           |
| 400826.02  | 3813253.14          | 55.53271 | (18011405) | 400848.68 |
| 3813291.13 | 54.30904 (18011405) |          |            |           |
| 400871.35  | 3813329.13          | 54.66303 | (19020108) | 400894.02 |
| 3813367.12 | 55.38009 (19020108) |          |            |           |
| 400916.69  | 3813405.12          | 53.18734 | (19020108) | 400939.36 |
| 3813443.11 | 52.21191 (16010202) |          |            |           |
| 400962.02  | 3813481.11          | 51.96031 | (16010202) | 400984.69 |
| 3813519.10 | 51.53197 (20110307) |          |            |           |
| 401007.36  | 3813557.10          | 53.14655 | (20110307) | 401030.03 |
| 3813595.10 | 51.98616 (20110307) |          |            |           |
| 401052.70  | 3813633.09          | 54.20944 | (17101307) | 401075.36 |
| 3813671.09 | 54.97061 (17101307) |          |            |           |
| 401098.03  | 3813709.08          | 52.89284 | (17101307) | 401120.70 |
| 3813747.08 | 48.30158 (17101307) |          |            |           |
| 401143.37  | 3813785.07          | 43.21598 | (20010305) | 401166.04 |
| 3813823.07 | 47.11502 (20010305) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 401188.71  | 3813861.07 | 48.76567   | (20010305) | 401211.37 |
| 3813899.06 | 47.93304   | (20010305) |            |           |
| 401234.04  | 3813937.06 | 47.22843   | (19122818) | 401256.71 |
| 3813975.05 | 48.17341   | (19122818) |            |           |
| 401279.38  | 3814013.05 | 50.81752   | (20122108) | 401302.05 |
| 3814051.04 | 53.79921   | (20122108) |            |           |
| 401324.71  | 3814089.04 | 54.14190   | (20122108) | 401347.38 |
| 3814127.03 | 51.81148   | (20122108) |            |           |
| 401370.05  | 3814165.03 | 47.16147   | (20122108) | 401392.72 |
| 3814203.03 | 45.07986   | (18021602) |            |           |
| 401415.39  | 3814241.02 | 46.38299   | (18120406) | 401438.05 |
| 3814279.02 | 47.91122   | (18120406) |            |           |
| 401460.72  | 3814317.01 | 47.11471   | (18120406) | 401483.39 |
| 3814355.01 | 50.49873   | (19103104) |            |           |
| 401506.06  | 3814393.00 | 51.62908   | (19103104) | 401528.73 |
| 3814431.00 | 50.29311   | (19103104) |            |           |
| 401551.40  | 3814468.99 | 52.42928   | (18041806) | 401574.06 |
| 3814506.99 | 53.13229   | (18041806) |            |           |
| 401596.73  | 3814544.99 | 51.34630   | (18041806) | 401619.40 |
| 3814582.98 | 52.40863   | (18122006) |            |           |
| 401642.07  | 3814620.98 | 52.72738   | (18122006) | 401664.74 |
| 3814658.97 | 50.63434   | (18122006) |            |           |
| 401687.40  | 3814696.97 | 52.28827   | (20111005) | 401710.07 |
| 3814734.96 | 52.30441   | (20111005) |            |           |
| 401732.74  | 3814772.96 | 49.98681   | (20111005) | 401755.41 |
| 3814810.95 | 48.34117   | (19112403) |            |           |
| 401778.08  | 3814848.95 | 48.15511   | (19112403) | 401800.74 |
| 3814886.95 | 49.78730   | (16122724) |            |           |
| 401823.41  | 3814924.94 | 51.70150   | (16122724) | 401846.08 |
| 3814962.94 | 51.37188   | (16122724) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 560

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| -----      |           |            |          |            |           |
|            | 401868.75 | 3815000.93 | 49.51404 | (16120402) | 401891.42 |
| 3815038.93 | 51.31963  | (16120402) |          |            |           |
|            | 401914.09 | 3815076.92 | 50.94592 | (16120402) | 401936.75 |
| 3815114.92 | 49.10271  | (19010221) |          |            |           |
|            | 401959.42 | 3815152.92 | 50.87757 | (19010221) | 401982.09 |
| 3815190.91 | 50.54303  | (19010221) |          |            |           |
|            | 402004.76 | 3815228.91 | 48.16403 | (19010221) | 402027.43 |
| 3815266.90 | 48.94671  | (17020906) |          |            |           |
|            | 402050.09 | 3815304.90 | 48.73840 | (17020906) | 402072.76 |
| 3815342.89 | 46.60153  | (17020906) |          |            |           |
|            | 402095.43 | 3815380.89 | 44.21955 | (17062603) | 402118.10 |
| 3815418.88 | 44.20429  | (17062603) |          |            |           |
|            | 402140.77 | 3815456.88 | 42.47607 | (17062603) | 402163.43 |
| 3815494.88 | 41.41102  | (19110405) |          |            |           |
|            | 402186.10 | 3815532.87 | 41.62378 | (19110405) | 402208.77 |
| 3815570.87 | 40.25773  | (19110405) |          |            |           |
|            | 402231.44 | 3815608.86 | 37.48539 | (19110405) | 402254.11 |
| 3815646.86 | 40.93070  | (19110107) |          |            |           |
|            | 402276.78 | 3815684.85 | 45.01070 | (19110107) | 402299.44 |
| 3815722.85 | 47.67887  | (19110107) |          |            |           |
|            | 402322.11 | 3815760.84 | 48.67321 | (19110107) | 402344.78 |
| 3815798.84 | 47.91084  | (19110107) |          |            |           |
|            | 402367.45 | 3815836.84 | 45.49568 | (19110107) | 402390.12 |
| 3815874.83 | 46.11095  | (18030718) |          |            |           |
|            | 402397.09 | 3815915.52 | 45.96800 | (18030718) | 402388.38 |
| 3815958.89 | 45.88834  | (19112618) |          |            |           |
|            | 402379.66 | 3816002.27 | 47.97691 | (19112618) | 402370.95 |
| 3816045.65 | 48.11475  | (19112618) |          |            |           |
|            | 402362.23 | 3816089.03 | 46.26994 | (19112618) | 402353.52 |
| 3816132.40 | 48.14540  | (18111624) |          |            |           |
|            | 402344.81 | 3816175.78 | 48.36471 | (18111624) | 402336.09 |
| 3816219.16 | 46.55707  | (18111624) |          |            |           |
|            | 402327.38 | 3816262.53 | 48.33432 | (20122018) | 402318.66 |
| 3816305.91 | 48.58587  | (20122018) |          |            |           |
|            | 402309.95 | 3816349.29 | 46.77019 | (20122018) | 402301.23 |
| 3816392.66 | 48.66560  | (18120405) |          |            |           |
|            | 402292.52 | 3816436.04 | 48.90205 | (18120405) | 402283.80 |
| 3816479.42 | 47.03025  | (18120405) |          |            |           |
|            | 402275.09 | 3816522.80 | 47.38542 | (19083106) | 402266.37 |
| 3816566.17 | 47.55423  | (19083106) |          |            |           |
|            | 402257.66 | 3816609.55 | 46.86522 | (16102107) | 402248.94 |
| 3816652.93 | 49.07594  | (16102107) |          |            |           |
|            | 402240.23 | 3816696.30 | 49.14419 | (16102107) | 402231.51 |
| 3816739.68 | 47.25693  | (20102906) |          |            |           |
|            | 402222.80 | 3816783.06 | 49.36274 | (20102906) | 402214.09 |
| 3816826.43 | 49.28438  | (20102906) |          |            |           |
|            | 402205.37 | 3816869.81 | 47.60654 | (17112607) | 402196.66 |
| 3816913.19 | 49.56480  | (17112607) |          |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 402187.94  | 3816956.57          | 49.30208 | (17112607) | 402179.23 |
| 3816999.94 | 48.04691 (18121105) |          |            |           |
| 402170.51  | 3817043.32          | 49.82382 | (18121105) | 402161.80 |
| 3817086.70 | 49.34298 (18121105) |          |            |           |
| 402153.08  | 3817130.07          | 48.28461 | (16102924) | 402144.37 |
| 3817173.45 | 49.83895 (16102924) |          |            |           |
| 402135.65  | 3817216.83          | 49.11389 | (16102924) | 402126.94 |
| 3817260.20 | 48.86708 (20120207) |          |            |           |
| 402118.22  | 3817303.58          | 50.18041 | (20120207) | 402109.51 |
| 3817346.96 | 49.18214 (20120207) |          |            |           |
| 402100.80  | 3817390.34          | 49.08294 | (18102704) | 402092.08 |
| 3817433.71 | 50.11947 (18102704) |          |            |           |
| 402083.37  | 3817477.09          | 48.83700 | (18102704) | 402074.65 |
| 3817520.47 | 48.18617 (16011208) |          |            |           |
| 402065.94  | 3817563.84          | 48.91142 | (16011208) | 402057.22 |
| 3817607.22 | 47.36944 (16011208) |          |            |           |
| 402048.51  | 3817650.60          | 43.76784 | (16011208) | 402039.79 |
| 3817693.97 | 41.25597 (20010723) |          |            |           |
| 402031.08  | 3817737.35          | 43.77315 | (20112020) | 402022.36 |
| 3817780.73 | 45.99378 (20112020) |          |            |           |
| 402013.65  | 3817824.11          | 46.10363 | (20112020) | 402004.93 |
| 3817867.48 | 48.05773 (19112204) |          |            |           |
| 401996.22  | 3817910.86          | 50.17412 | (19112204) | 401987.51 |
| 3817954.24 | 49.97405 (19112204) |          |            |           |
| 401978.79  | 3817997.61          | 48.50279 | (20011806) | 401970.08 |
| 3818040.99 | 50.31690 (20011806) |          |            |           |
| 401961.36  | 3818084.37          | 49.80094 | (20011806) | 401952.65 |
| 3818127.74 | 48.77942 (20022107) |          |            |           |
| 401943.93  | 3818171.12          | 50.28804 | (20022107) | 401935.22 |
| 3818214.50 | 49.46775 (20022107) |          |            |           |
| 401926.50  | 3818257.88          | 46.43445 | (20022107) | 401917.79 |
| 3818301.25 | 46.35927 (19120206) |          |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 561

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 401909.07   | 3818344.63          | 46.14034   | (18112602) | 401900.36   |
| 3818388.01  | 49.25188 (18112602) |            |            |             |
| 401891.64   | 3818431.38          | 50.18018   | (18112602) | 401882.93   |
| 3818474.76  | 48.80487 (18112602) |            |            |             |
| 401874.21   | 3818518.14          | 45.31736   | (18112602) | 401865.50   |
| 3818561.51  | 43.56048 (19122706) |            |            |             |
| 401856.79   | 3818604.89          | 42.15481   | (19122706) | 401848.07   |
| 3818648.27  | 41.55279 (19051105) |            |            |             |
| 401839.36   | 3818691.65          | 42.80052   | (16022407) | 401830.64   |
| 3818735.02  | 47.09966 (16022407) |            |            |             |
| 401821.93   | 3818778.40          | 49.51186   | (16022407) | 401813.21   |
| 3818821.78  | 49.72815 (16022407) |            |            |             |
| 401804.50   | 3818865.15          | 47.72945   | (16022407) | 401795.78   |
| 3818908.53  | 43.78616 (16022407) |            |            |             |
| 401787.07   | 3818951.91          | 43.35786   | (16122722) | 401778.35   |
| 3818995.28  | 47.32896 (16122722) |            |            |             |
| 401769.64   | 3819038.66          | 49.39602   | (16122722) | 401760.92   |
| 3819082.04  | 49.30170 (16122722) |            |            |             |
| 401752.21   | 3819125.42          | 47.31265   | (16020602) | 401743.50   |
| 3819168.79  | 49.25732 (16020602) |            |            |             |
| 401734.78   | 3819212.17          | 49.06897   | (16020602) | 401726.07   |
| 3819255.55  | 47.07620 (17030718) |            |            |             |
| 401717.35   | 3819298.92          | 48.93307   | (17030718) | 401708.64   |
| 3819342.30  | 48.69605 (17030718) |            |            |             |
| 401699.92   | 3819385.68          | 46.40796   | (17030718) | 401691.21   |
| 3819429.05  | 43.49899 (18121405) |            |            |             |
| 401682.49   | 3819472.43          | 43.28470   | (18121405) | 401673.78   |
| 3819515.81  | 46.74479 (17122921) |            |            |             |
| 401665.06   | 3819559.19          | 48.56832   | (17122921) | 401656.35   |
| 3819602.56  | 48.37382 (17122921) |            |            |             |
| 401647.63   | 3819645.94          | 46.47793   | (19020808) | 401638.92   |
| 3819689.32  | 48.35245 (19020808) |            |            |             |
| 401630.21   | 3819732.69          | 48.25333   | (19020808) | 401621.49   |
| 3819776.07  | 46.20763 (19020808) |            |            |             |
| 401612.78   | 3819819.45          | 48.02609   | (19122907) | 401604.06   |
| 3819862.83  | 48.07289 (19122907) |            |            |             |
| 401595.35   | 3819906.20          | 46.20833   | (19122907) | 401586.63   |
| 3819949.58  | 42.66541 (19122907) |            |            |             |
| 401577.92   | 3819992.96          | 41.53055   | (16010403) | 401569.20   |
| 3820036.33  | 44.25752 (20011803) |            |            |             |
| 401560.49   | 3820079.71          | 44.84679   | (20011803) | 401551.77   |
| 3820123.09  | 45.12760 (20011803) |            |            |             |
| 401543.06   | 3820166.46          | 44.00576   | (20011803) | 401534.34   |
| 3820209.84  | 41.99456 (19120304) |            |            |             |
| 401525.63   | 3820253.22          | 41.38481   | (19120304) | 401516.92   |
| 3820296.60  | 38.55698 (19120304) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 401508.20  | 3820339.97 | 34.37494   | (19120304) | 401499.49 |
| 3820383.35 | 32.10474   | (16101822) |            |           |
| 401490.77  | 3820426.73 | 32.39225   | (16101822) | 399981.18 |
| 3811852.62 | 54.29619   | (20020607) |            |           |
| 399946.28  | 3811825.26 | 54.18327   | (20020607) | 399911.38 |
| 3811797.91 | 52.78229   | (19120706) |            |           |
| 399876.48  | 3811770.55 | 54.66188   | (19120706) | 400832.51 |
| 3810835.93 | 43.61035   | (19120706) |            |           |
| 400855.21  | 3810873.98 | 43.78300   | (19120706) | 400877.91 |
| 3810912.03 | 42.37304   | (19120706) |            |           |
| 400900.61  | 3810950.08 | 43.53180   | (20020607) | 400923.31 |
| 3810988.13 | 44.14592   | (20020607) |            |           |
| 400946.01  | 3811026.19 | 43.13695   | (20020607) | 400968.71 |
| 3811064.24 | 40.60639   | (20020607) |            |           |
| 400991.42  | 3811102.29 | 36.81504   | (20020607) | 401014.12 |
| 3811140.34 | 38.57857   | (19112205) |            |           |
| 401036.82  | 3811178.39 | 41.37868   | (19112205) | 401059.52 |
| 3811216.44 | 42.73801   | (19112205) |            |           |
| 401082.22  | 3811254.50 | 42.49920   | (19112205) | 401104.92 |
| 3811292.55 | 40.68167   | (19112205) |            |           |
| 401127.63  | 3811330.60 | 39.47476   | (18013107) | 401150.33 |
| 3811368.65 | 39.56815   | (18013107) |            |           |
| 401173.03  | 3811406.70 | 41.69977   | (16102601) | 401195.73 |
| 3811444.75 | 43.77025   | (16102601) |            |           |
| 401218.43  | 3811482.81 | 44.20368   | (16102601) | 401241.13 |
| 3811520.86 | 42.94452   | (16102601) |            |           |
| 401263.84  | 3811558.91 | 40.12930   | (16102601) | 401286.54 |
| 3811596.96 | 36.06343   | (16102601) |            |           |
| 401309.24  | 3811635.01 | 35.78699   | (16010301) | 401331.94 |
| 3811673.06 | 38.10385   | (16010301) |            |           |
| 401354.64  | 3811711.12 | 39.01303   | (16010301) | 401377.34 |
| 3811749.17 | 38.54442   | (18111202) |            |           |
| 401400.04  | 3811787.22 | 41.30921   | (18111202) | 401422.75 |
| 3811825.27 | 42.56307   | (18111202) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 562

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3



\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|--------------------|------------|-------------|
| 401445.45                  | 3811863.32          | 42.15803           | (18111202) | 401468.15   |
| 3811901.37                 | 43.31529 (19120705) |                    |            |             |
| 401490.85                  | 3811939.42          | 44.90024           | (19120705) | 401513.55   |
| 3811977.48                 | 44.73498 (19120705) |                    |            |             |
| 401536.25                  | 3812015.53          | 42.97391           | (16021701) | 401558.96   |
| 3812053.58                 | 44.80556 (16021701) |                    |            |             |
| 401581.66                  | 3812091.63          | 44.89467           | (16021701) | 401604.36   |
| 3812129.68                 | 43.22915 (16021701) |                    |            |             |
| 401627.06                  | 3812167.73          | 40.42856           | (19091206) | 401649.76   |
| 3812205.79                 | 40.73415 (19091206) |                    |            |             |
| 401672.46                  | 3812243.84          | 41.80453           | (16100607) | 401695.16   |
| 3812281.89                 | 44.07482 (16100607) |                    |            |             |
| 401717.87                  | 3812319.94          | 44.65092           | (16100607) | 401740.57   |
| 3812357.99                 | 43.46515 (16100607) |                    |            |             |
| 401763.27                  | 3812396.04          | 40.65579           | (16100607) | 401785.97   |
| 3812434.10                 | 36.53945 (16100607) |                    |            |             |
| 401808.67                  | 3812472.15          | 35.24845           | (17092506) | 401831.37   |
| 3812510.20                 | 37.56986 (17092506) |                    |            |             |
| 401854.08                  | 3812548.25          | 38.47844           | (17092506) | 401876.78   |
| 3812586.30                 | 40.75840 (18011405) |                    |            |             |
| 401899.48                  | 3812624.35          | 43.68249           | (18011405) | 401922.18   |
| 3812662.41                 | 44.98897 (18011405) |                    |            |             |
| 401944.88                  | 3812700.46          | 44.52794           | (18011405) | 401967.58   |
| 3812738.51                 | 43.30273 (19020108) |                    |            |             |
| 401990.28                  | 3812776.56          | 44.85346           | (19020108) | 402012.99   |
| 3812814.61                 | 44.65417 (19020108) |                    |            |             |
| 402035.69                  | 3812852.66          | 42.73159           | (19020108) | 402058.39   |
| 3812890.72                 | 42.26278 (16010202) |                    |            |             |
| 402081.09                  | 3812928.77          | 42.33195           | (16010202) | 402103.79   |
| 3812966.82                 | 40.76426 (16010202) |                    |            |             |
| 402126.49                  | 3813004.87          | 42.68749           | (20110307) | 402149.20   |
| 3813042.92                 | 43.03172 (20110307) |                    |            |             |
| 402171.90                  | 3813080.97          | 41.71322           | (20110307) | 402194.60   |
| 3813119.02                 | 43.98575 (17101307) |                    |            |             |
| 402217.30                  | 3813157.08          | 44.64066           | (17101307) | 402240.00   |
| 3813195.13                 | 43.57679 (17101307) |                    |            |             |
| 402262.70                  | 3813233.18          | 40.92121           | (17101307) | 402285.40   |
| 3813271.23                 | 36.97168 (17101307) |                    |            |             |
| 402308.11                  | 3813309.28          | 35.82495           | (20010305) | 402330.81   |
| 3813347.33                 | 38.34374 (20010305) |                    |            |             |
| 402353.51                  | 3813385.39          | 39.49185           | (20010305) | 402376.21   |
| 3813423.44                 | 39.14656 (20010305) |                    |            |             |
| 402398.91                  | 3813461.49          | 37.44422           | (19122818) | 402421.61   |
| 3813499.54                 | 38.87762 (19122818) |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402444.32  | 3813537.59 | 38.86388   | (19122818) | 402467.02 |
| 3813575.64 | 41.67210   | (20122108) |            |           |
| 402489.72  | 3813613.70 | 43.64127   | (20122108) | 402512.42 |
| 3813651.75 | 44.01935   | (20122108) |            |           |
| 402535.12  | 3813689.80 | 42.77399   | (20122108) | 402557.82 |
| 3813727.85 | 40.04925   | (20122108) |            |           |
| 402580.53  | 3813765.90 | 36.87822   | (18021602) | 402603.23 |
| 3813803.95 | 36.19446   | (18021602) |            |           |
| 402625.93  | 3813842.01 | 37.72825   | (18120406) | 402648.63 |
| 3813880.06 | 38.81319   | (18120406) |            |           |
| 402671.33  | 3813918.11 | 38.50038   | (18120406) | 402694.03 |
| 3813956.16 | 40.02597   | (19103104) |            |           |
| 402716.73  | 3813994.21 | 41.62456   | (19103104) | 402739.44 |
| 3814032.26 | 41.75766   | (19103104) |            |           |
| 402762.14  | 3814070.32 | 40.42666   | (18041806) | 402784.84 |
| 3814108.37 | 42.52548   | (18041806) |            |           |
| 402807.54  | 3814146.42 | 43.17430   | (18041806) | 402830.24 |
| 3814184.47 | 42.31644   | (18041806) |            |           |
| 402852.94  | 3814222.52 | 41.69662   | (18122006) | 402875.65 |
| 3814260.57 | 42.87106   | (18122006) |            |           |
| 402898.35  | 3814298.62 | 42.57577   | (18122006) | 402921.05 |
| 3814336.68 | 40.85152   | (18122006) |            |           |
| 402943.75  | 3814374.73 | 42.33073   | (20111005) | 402966.45 |
| 3814412.78 | 42.62570   | (20111005) |            |           |
| 402989.15  | 3814450.83 | 41.49337   | (20111005) | 403011.85 |
| 3814488.88 | 39.05694   | (20111005) |            |           |
| 403034.56  | 3814526.93 | 39.35466   | (19112403) | 403057.26 |
| 3814564.99 | 38.89275   | (19112403) |            |           |
| 403079.96  | 3814603.04 | 40.30208   | (16122724) | 403102.66 |
| 3814641.09 | 41.81157   | (16122724) |            |           |
| 403125.36  | 3814679.14 | 41.98053   | (16122724) | 403148.06 |
| 3814717.19 | 40.80473   | (16122724) |            |           |
| 403170.77  | 3814755.24 | 40.88483   | (16120402) | 403193.47 |
| 3814793.30 | 41.73450   | (16120402) |            |           |
| 403216.17  | 3814831.35 | 41.26569   | (16120402) | 403238.87 |
| 3814869.40 | 39.54911   | (19010221) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 563

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |           | Y-COORD (M)<br>CONC | CONC     | (YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------|---------------------|----------|------------|-------------|
| -----                      |           |                     |          |            |             |
|                            | 403261.57 | 3814907.45          | 41.07193 | (19010221) | 403284.27   |
| 3814945.50                 |           | 41.34027 (19010221) |          |            |             |
|                            | 403306.97 | 3814983.55          | 40.34179 | (19010221) | 403329.68   |
| 3815021.61                 |           | 38.80677 (17020906) |          |            |             |
|                            | 403352.38 | 3815059.66          | 39.78845 | (17020906) | 403375.08   |
| 3815097.71                 |           | 39.57480 (17020906) |          |            |             |
|                            | 403397.78 | 3815135.76          | 38.19682 | (17020906) | 403420.48   |
| 3815173.81                 |           | 35.78622 (17020906) |          |            |             |
|                            | 403443.18 | 3815211.86          | 36.05043 | (17062603) | 403465.89   |
| 3815249.92                 |           | 35.50901 (17062603) |          |            |             |
|                            | 403488.59 | 3815287.97          | 33.97107 | (17062603) | 403511.29   |
| 3815326.02                 |           | 33.59011 (19110405) |          |            |             |
|                            | 403533.99 | 3815364.07          | 33.78530 | (19110405) | 403556.69   |
| 3815402.12                 |           | 33.02528 (19110405) |          |            |             |
|                            | 403579.39 | 3815440.17          | 31.38364 | (19110405) | 403602.09   |
| 3815478.22                 |           | 30.60671 (19110107) |          |            |             |
|                            | 403624.80 | 3815516.28          | 33.99989 | (19110107) | 403647.50   |
| 3815554.33                 |           | 36.72462 (19110107) |          |            |             |
|                            | 403670.20 | 3815592.38          | 38.58436 | (19110107) | 403692.90   |
| 3815630.43                 |           | 39.44384 (19110107) |          |            |             |
|                            | 403711.24 | 3815690.20          | 38.80255 | (19110107) | 403702.51   |
| 3815733.64                 |           | 37.06501 (19110107) |          |            |             |
|                            | 403693.78 | 3815777.09          | 37.81137 | (18030718) | 403685.06   |
| 3815820.53                 |           | 37.95883 (18030718) |          |            |             |
|                            | 403676.33 | 3815863.97          | 36.93796 | (18030718) | 403667.60   |
| 3815907.41                 |           | 38.86590 (19112618) |          |            |             |
|                            | 403658.87 | 3815950.85          | 39.74692 | (19112618) | 403650.15   |
| 3815994.29                 |           | 39.38427 (19112618) |          |            |             |
|                            | 403641.42 | 3816037.73          | 38.01947 | (18111624) | 403632.69   |
| 3816081.17                 |           | 39.58944 (18111624) |          |            |             |
|                            | 403623.96 | 3816124.61          | 39.92630 | (18111624) | 403615.24   |
| 3816168.05                 |           | 38.99033 (18111624) |          |            |             |
|                            | 403606.51 | 3816211.49          | 39.07203 | (20122018) | 403597.78   |
| 3816254.94                 |           | 40.08736 (20122018) |          |            |             |
|                            | 403589.05 | 3816298.38          | 39.81031 | (20122018) | 403580.33   |
| 3816341.82                 |           | 38.33265 (18120405) |          |            |             |
|                            | 403571.60 | 3816385.26          | 39.99189 | (18120405) | 403562.87   |
| 3816428.70                 |           | 40.37050 (18120405) |          |            |             |
|                            | 403554.14 | 3816472.14          | 39.42469 | (18120405) | 403545.42   |
| 3816515.58                 |           | 38.29432 (19083106) |          |            |             |
|                            | 403536.69 | 3816559.02          | 39.27742 | (19083106) | 403527.96   |
| 3816602.46                 |           | 38.95978 (19083106) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403519.23  | 3816645.90 | 38.71636   | (16102107) | 403510.51 |
| 3816689.35 | 40.33116   | (16102107) |            |           |
| 403501.78  | 3816732.79 | 40.61705   | (16102107) | 403493.05 |
| 3816776.23 | 39.53999   | (16102107) |            |           |
| 403484.32  | 3816819.67 | 39.95346   | (20102906) | 403475.60 |
| 3816863.11 | 40.83698   | (20102906) |            |           |
| 403466.87  | 3816906.55 | 40.33581   | (20102906) | 403458.14 |
| 3816949.99 | 39.28887   | (17112607) |            |           |
| 403449.41  | 3816993.43 | 40.74223   | (17112607) | 403440.69 |
| 3817036.87 | 40.81719   | (17112607) |            |           |
| 403431.96  | 3817080.31 | 39.50140   | (17112607) | 403423.23 |
| 3817123.75 | 40.46536   | (18121105) |            |           |
| 403414.50  | 3817167.20 | 41.10622   | (18121105) | 403405.78 |
| 3817210.64 | 40.32757   | (18121105) |            |           |
| 403397.05  | 3817254.08 | 39.82414   | (16102924) | 403388.32 |
| 3817297.52 | 41.00786   | (16102924) |            |           |
| 403379.59  | 3817340.96 | 40.77332   | (16102924) | 403370.87 |
| 3817384.40 | 39.24673   | (20120207) |            |           |
| 403362.14  | 3817427.84 | 40.95550   | (20120207) | 403353.41 |
| 3817471.28 | 41.26054   | (20120207) |            |           |
| 403344.68  | 3817514.72 | 40.12723   | (20120207) | 403335.96 |
| 3817558.16 | 40.44700   | (18102704) |            |           |
| 403327.23  | 3817601.61 | 41.27943   | (18102704) | 403318.50 |
| 3817645.05 | 40.66342   | (18102704) |            |           |
| 403309.77  | 3817688.49 | 38.85014   | (16011208) | 403301.05 |
| 3817731.93 | 40.15929   | (16011208) |            |           |
| 403292.32  | 3817775.37 | 40.06492   | (16011208) | 403283.59 |
| 3817818.81 | 38.57521   | (16011208) |            |           |
| 403274.86  | 3817862.25 | 35.84266   | (16011208) | 403266.14 |
| 3817905.69 | 33.97875   | (20010723) |            |           |
| 403257.41  | 3817949.13 | 35.15006   | (20112020) | 403248.68 |
| 3817992.57 | 37.26127   | (20112020) |            |           |
| 403239.96  | 3818036.01 | 38.11739   | (20112020) | 403231.23 |
| 3818079.46 | 37.62867   | (20112020) |            |           |
| 403222.50  | 3818122.90 | 39.87666   | (19112204) | 403213.77 |
| 3818166.34 | 41.30408   | (19112204) |            |           |
| 403205.05  | 3818209.78 | 41.28580   | (19112204) | 403196.32 |
| 3818253.22 | 39.82431   | (19112204) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 564

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 403187.59   | 3818296.66  | 40.98429       | (20011806) | 403178.86          |  |
| 3818340.10  | 41.48110    | (20011806)     |            |                    |  |
| 403170.14   | 3818383.54  | 40.51764       | (20011806) | 403161.41          |  |
| 3818426.98  | 40.39318    | (20022107)     |            |                    |  |
| 403152.68   | 3818470.42  | 41.39924       | (20022107) | 403143.95          |  |
| 3818513.87  | 40.95145    | (20022107)     |            |                    |  |
| 403135.23   | 3818557.31  | 39.09864       | (20022107) | 403126.50          |  |
| 3818600.75  | 37.93921    | (19120206)     |            |                    |  |
| 403117.77   | 3818644.19  | 38.01056       | (19120206) | 403109.04          |  |
| 3818687.63  | 38.72602    | (18112602)     |            |                    |  |
| 403100.32   | 3818731.07  | 40.71219       | (18112602) | 403091.59          |  |
| 3818774.51  | 41.31898    | (18112602)     |            |                    |  |
| 403082.86   | 3818817.95  | 40.48652       | (18112602) | 403074.13          |  |
| 3818861.39  | 38.30373    | (18112602)     |            |                    |  |
| 403065.41   | 3818904.83  | 35.80275       | (19122706) | 403056.68          |  |
| 3818948.27  | 35.55043    | (19122706)     |            |                    |  |
| 403047.95   | 3818991.72  | 34.08964       | (19122706) | 403039.22          |  |
| 3819035.16  | 34.26555    | (19051105)     |            |                    |  |
| 403030.50   | 3819078.60  | 34.84959       | (16022407) | 403021.77          |  |
| 3819122.04  | 38.11056    | (16022407)     |            |                    |  |
| 403013.04   | 3819165.48  | 40.25688       | (16022407) | 403004.31          |  |
| 3819208.92  | 41.08065    | (16022407)     |            |                    |  |
| 402995.59   | 3819252.36  | 40.50347       | (16022407) | 402986.86          |  |
| 3819295.80  | 38.58868    | (16022407)     |            |                    |  |
| 402978.13   | 3819339.24  | 35.68181       | (17122604) | 402969.40          |  |
| 3819382.68  | 35.68967    | (17122604)     |            |                    |  |
| 402960.68   | 3819426.13  | 38.32111       | (16122722) | 402951.95          |  |
| 3819469.57  | 40.05771    | (16122722)     |            |                    |  |
| 402943.22   | 3819513.01  | 40.34122       | (16122722) | 402934.49          |  |
| 3819556.45  | 39.05510    | (16122722)     |            |                    |  |
| 402925.77   | 3819599.89  | 37.95304       | (16020602) | 402917.04          |  |
| 3819643.33  | 38.87140    | (16020602)     |            |                    |  |
| 402908.31   | 3819686.77  | 38.47784       | (16020602) | 402899.58          |  |
| 3819730.21  | 37.36867    | (16020602)     |            |                    |  |
| 402890.86   | 3819773.65  | 39.40796       | (17030718) | 402882.13          |  |
| 3819817.09  | 39.81046    | (17030718)     |            |                    |  |
| 402873.40   | 3819860.54  | 38.35633       | (17030718) | 402864.67          |  |
| 3819903.98  | 35.86139    | (17030718)     |            |                    |  |
| 402855.95   | 3819947.42  | 35.09322       | (18121405) | 402847.22          |  |
| 3819990.86  | 34.79737    | (18121405)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402838.49  | 3820034.30 | 35.66342   | (17122921) | 402829.76 |
| 3820077.74 | 36.78146   | (17122921) |            |           |
| 402821.04  | 3820121.18 | 36.86660   | (17122921) | 402812.31 |
| 3820164.62 | 35.68526   | (17122921) |            |           |
| 402803.58  | 3820208.06 | 34.69245   | (19020808) | 402794.85 |
| 3820251.50 | 35.21668   | (19020808) |            |           |
| 402786.13  | 3820294.94 | 34.66344   | (19020808) | 402777.40 |
| 3820338.39 | 33.03363   | (19020808) |            |           |
| 402768.67  | 3820381.83 | 33.17759   | (19122907) | 402759.94 |
| 3820425.27 | 33.59958   | (19122907) |            |           |
| 402751.22  | 3820468.71 | 33.00024   | (19122907) | 402742.49 |
| 3820512.15 | 30.74984   | (19122907) |            |           |
| 402733.76  | 3820555.59 | 28.00788   | (16010403) | 402725.03 |
| 3820599.03 | 27.93171   | (16010403) |            |           |
| 402716.31  | 3820642.47 | 27.97442   | (20011803) | 402707.58 |
| 3820685.91 | 28.86637   | (20011803) |            |           |
| 402698.85  | 3820729.35 | 28.97976   | (20011803) | 402690.12 |
| 3820772.80 | 28.20102   | (20011803) |            |           |
| 402681.40  | 3820816.24 | 26.53638   | (20011803) | 402672.67 |
| 3820859.68 | 25.52830   | (19120304) |            |           |
| 402663.94  | 3820903.12 | 25.14554   | (19120304) | 402655.21 |
| 3820946.56 | 23.81746   | (19120304) |            |           |
| 402646.49  | 3820990.00 | 21.97882   | (19120304) | 402637.76 |
| 3821033.44 | 19.81789   | (19120304) |            |           |
| 402629.03  | 3821076.88 | 19.41010   | (16101822) | 402620.30 |
| 3821120.32 | 18.40876   | (16101822) |            |           |
| 402611.58  | 3821163.76 | 18.53787   | (16122824) | 400803.70 |
| 3810803.22 | 41.91667   | (19120706) |            |           |
| 400768.80  | 3810775.87 | 43.53460   | (19112104) | 400733.90 |
| 3810748.51 | 43.88538   | (19112104) |            |           |
| 400699.00  | 3810721.16 | 42.60204   | (19112104) | 401655.01 |
| 3809786.49 | 35.29222   | (19112104) |            |           |
| 401677.66  | 3809824.45 | 36.35865   | (19112104) | 401700.30 |
| 3809862.42 | 36.43645   | (19112104) |            |           |
| 401722.95  | 3809900.38 | 35.51355   | (19112104) | 401745.60 |
| 3809938.35 | 35.70006   | (19120706) |            |           |
| 401768.25  | 3809976.31 | 36.60809   | (19120706) | 401790.90 |
| 3810014.27 | 36.49980   | (19120706) |            |           |
| 401813.55  | 3810052.24 | 35.37869   | (19120706) | 401836.20 |
| 3810090.20 | 36.16548   | (20020607) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 565

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 401858.85   | 3810128.17  | 36.87676   | (20020607) | 401881.50   |
| 3810166.13  | 36.54534    | (20020607) |            |             |
| 401904.15   | 3810204.10  | 35.19419   | (20020607) | 401926.80   |
| 3810242.06  | 32.93167    | (20020607) |            |             |
| 401949.45   | 3810280.02  | 29.93629   | (20020607) | 401972.10   |
| 3810317.99  | 32.22098    | (19112205) |            |             |
| 401994.75   | 3810355.95  | 34.33610   | (19112205) | 402017.40   |
| 3810393.92  | 35.54408    | (19112205) |            |             |
| 402040.04   | 3810431.88  | 35.73814   | (19112205) | 402062.69   |
| 3810469.84  | 34.89777    | (19112205) |            |             |
| 402085.34   | 3810507.81  | 33.09082   | (19112205) | 402107.99   |
| 3810545.77  | 33.08432    | (18013107) |            |             |
| 402130.64   | 3810583.74  | 32.99196   | (18013107) | 402153.29   |
| 3810621.70  | 34.62964    | (16102601) |            |             |
| 402175.94   | 3810659.66  | 36.32003   | (16102601) | 402198.59   |
| 3810697.63  | 36.97977    | (16102601) |            |             |
| 402221.24   | 3810735.59  | 36.54751   | (16102601) | 402243.89   |
| 3810773.56  | 35.05780    | (16102601) |            |             |
| 402266.54   | 3810811.52  | 32.63693   | (16102601) | 402289.19   |
| 3810849.48  | 29.48415    | (16102601) |            |             |
| 402311.84   | 3810887.45  | 29.74492   | (16010301) | 402334.49   |
| 3810925.41  | 31.55328    | (16010301) |            |             |
| 402357.14   | 3810963.38  | 32.47956   | (16010301) | 402379.78   |
| 3811001.34  | 32.43963    | (16010301) |            |             |
| 402402.43   | 3811039.30  | 33.26254   | (18111202) | 402425.08   |
| 3811077.27  | 34.93449    | (18111202) |            |             |
| 402447.73   | 3811115.23  | 35.59534   | (18111202) | 402470.38   |
| 3811153.20  | 35.18444    | (18111202) |            |             |
| 402493.03   | 3811191.16  | 35.90179   | (19120705) | 402515.68   |
| 3811229.12  | 37.31412    | (19120705) |            |             |
| 402538.33   | 3811267.09  | 37.61891   | (19120705) | 402560.98   |
| 3811305.05  | 36.78701    | (19120705) |            |             |
| 402583.63   | 3811343.02  | 36.54942   | (16021701) | 402606.28   |
| 3811380.98  | 37.57899    | (16021701) |            |             |
| 402628.93   | 3811418.95  | 37.47440   | (16021701) | 402651.58   |
| 3811456.91  | 36.24400    | (16021701) |            |             |
| 402674.23   | 3811494.87  | 33.99679   | (16021701) | 402696.87   |
| 3811532.84  | 34.09423    | (19091206) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 402719.52  | 3811570.80          | 33.62340 | (19091206) | 402742.17 |
| 3811608.77 | 35.75825 (16100607) |          |            |           |
| 402764.82  | 3811646.73          | 37.07722 | (16100607) | 402787.47 |
| 3811684.69 | 37.28361 (16100607) |          |            |           |
| 402810.12  | 3811722.66          | 36.35838 | (16100607) | 402832.77 |
| 3811760.62 | 34.38503 (16100607) |          |            |           |
| 402855.42  | 3811798.59          | 31.53571 | (16100607) | 402878.07 |
| 3811836.55 | 28.12403 (17092506) |          |            |           |
| 402900.72  | 3811874.51          | 30.31921 | (17092506) | 402923.37 |
| 3811912.48 | 31.69850 (17092506) |          |            |           |
| 402946.02  | 3811950.44          | 32.13975 | (17092506) | 402968.67 |
| 3811988.41 | 33.97150 (18011405) |          |            |           |
| 402991.32  | 3812026.37          | 36.21620 | (18011405) | 403013.97 |
| 3812064.33 | 37.44517 (18011405) |          |            |           |
| 403036.61  | 3812102.30          | 37.55005 | (18011405) | 403059.26 |
| 3812140.26 | 36.52264 (18011405) |          |            |           |
| 403081.91  | 3812178.23          | 36.73304 | (19020108) | 403104.56 |
| 3812216.19 | 37.56803 (19020108) |          |            |           |
| 403127.21  | 3812254.15          | 37.26953 | (19020108) | 403149.86 |
| 3812292.12 | 35.86589 (19020108) |          |            |           |
| 403172.51  | 3812330.08          | 35.08841 | (16010202) | 403195.16 |
| 3812368.05 | 35.50867 (16010202) |          |            |           |
| 403217.81  | 3812406.01          | 34.86162 | (16010202) | 403240.46 |
| 3812443.98 | 34.73097 (20110307) |          |            |           |
| 403263.11  | 3812481.94          | 35.85739 | (20110307) | 403285.76 |
| 3812519.90 | 35.92045 (20110307) |          |            |           |
| 403308.41  | 3812557.87          | 34.91695 | (20110307) | 403331.06 |
| 3812595.83 | 36.48054 (17101307) |          |            |           |
| 403353.71  | 3812633.80          | 37.29458 | (17101307) | 403376.35 |
| 3812671.76 | 37.00253 (17101307) |          |            |           |
| 403399.00  | 3812709.72          | 35.63359 | (17101307) | 403421.65 |
| 3812747.69 | 33.30905 (17101307) |          |            |           |
| 403444.30  | 3812785.65          | 30.22666 | (17101307) | 403466.95 |
| 3812823.62 | 29.80029 (20010305) |          |            |           |
| 403489.60  | 3812861.58          | 31.74495 | (20010305) | 403512.25 |
| 3812899.54 | 32.83128 (20010305) |          |            |           |
| 403534.90  | 3812937.51          | 32.96926 | (20010305) | 403557.55 |
| 3812975.47 | 32.15045 (20010305) |          |            |           |
| 403580.20  | 3813013.44          | 31.73531 | (19122818) | 403602.85 |
| 3813051.40 | 32.55391 (19122818) |          |            |           |
| 403625.50  | 3813089.36          | 32.43536 | (19122818) | 403648.15 |
| 3813127.33 | 34.51159 (20122108) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 403670.80   | 3813165.29  | 36.17162   | (20122108) | 403693.45   |
| 3813203.26  | 36.83229    | (20122108) |            |             |
| 403716.09   | 3813241.22  | 36.44214   | (20122108) | 403738.74   |
| 3813279.18  | 35.03917    | (20122108) |            |             |
| 403761.39   | 3813317.15  | 32.74388   | (20122108) | 403784.04   |
| 3813355.11  | 30.78938    | (18021602) |            |             |
| 403806.69   | 3813393.08  | 30.27768   | (18021602) | 403829.34   |
| 3813431.04  | 31.15145    | (18120406) |            |             |
| 403851.99   | 3813469.00  | 32.23191   | (18120406) | 403874.64   |
| 3813506.97  | 32.42681    | (18120406) |            |             |
| 403897.29   | 3813544.93  | 31.97766   | (19103104) | 403919.94   |
| 3813582.90  | 33.84909    | (19103104) |            |             |
| 403942.59   | 3813620.86  | 34.84770   | (19103104) | 403965.24   |
| 3813658.83  | 34.89843    | (19103104) |            |             |
| 403987.89   | 3813696.79  | 34.00265   | (19103104) | 404010.54   |
| 3813734.75  | 35.10901    | (18041806) |            |             |
| 404033.18   | 3813772.72  | 36.00066   | (18041806) | 404055.83   |
| 3813810.68  | 35.92608    | (18041806) |            |             |
| 404078.48   | 3813848.65  | 34.89720   | (18041806) | 404101.13   |
| 3813886.61  | 35.04883    | (18122006) |            |             |
| 404123.78   | 3813924.57  | 35.83295   | (18122006) | 404146.43   |
| 3813962.54  | 35.67101    | (18122006) |            |             |
| 404169.08   | 3814000.50  | 34.58199   | (18122006) | 404191.73   |
| 3814038.47  | 34.92367    | (20111005) |            |             |
| 404214.38   | 3814076.43  | 35.63851   | (20111005) | 404237.03   |
| 3814114.39  | 35.42965    | (20111005) |            |             |
| 404259.68   | 3814152.36  | 34.31929   | (20111005) | 404282.33   |
| 3814190.32  | 32.39807    | (20111005) |            |             |
| 404304.98   | 3814228.29  | 32.85864   | (19112403) | 404327.63   |
| 3814266.25  | 32.65869    | (19112403) |            |             |
| 404350.28   | 3814304.21  | 32.91155   | (16122724) | 404372.92   |
| 3814342.18  | 34.43242    | (16122724) |            |             |
| 404395.57   | 3814380.14  | 35.12429   | (16122724) | 404418.22   |
| 3814418.11  | 34.94281    | (16122724) |            |             |
| 404440.87   | 3814456.07  | 33.90813   | (16122724) | 404463.52   |
| 3814494.03  | 34.08970    | (16120402) |            |             |

|                                                                              |                     |                               |            |           |
|------------------------------------------------------------------------------|---------------------|-------------------------------|------------|-----------|
| 404486.17                                                                    | 3814532.00          | 34.82754                      | (16120402) | 404508.82 |
| 3814569.96                                                                   | 34.71919 (16120402) |                               |            |           |
| 404531.47                                                                    | 3814607.93          | 33.77927                      | (16120402) | 404554.12 |
| 3814645.89                                                                   | 33.66730 (19010221) |                               |            |           |
| 404576.77                                                                    | 3814683.85          | 34.48695                      | (19010221) | 404599.42 |
| 3814721.82                                                                   | 34.49003 (19010221) |                               |            |           |
| 404622.07                                                                    | 3814759.78          | 33.68314                      | (19010221) | 404644.72 |
| 3814797.75                                                                   | 32.20744 (17020906) |                               |            |           |
| 404667.37                                                                    | 3814835.71          | 33.11609                      | (17020906) | 404690.02 |
| 3814873.68                                                                   | 33.26283 (17020906) |                               |            |           |
| 404712.66                                                                    | 3814911.64          | 32.64419                      | (17020906) | 404735.31 |
| 3814949.60                                                                   | 31.30890 (17020906) |                               |            |           |
| 404757.96                                                                    | 3814987.57          | 29.82162                      | (17062603) | 404780.61 |
| 3815025.53                                                                   | 30.11727 (17062603) |                               |            |           |
| 404803.26                                                                    | 3815063.50          | 29.73525                      | (17062603) | 404825.91 |
| 3815101.46                                                                   | 28.70720 (17062603) |                               |            |           |
| 404848.56                                                                    | 3815139.42          | 27.76509                      | (19110405) | 404871.21 |
| 3815177.39                                                                   | 28.22411 (19110405) |                               |            |           |
| 404893.86                                                                    | 3815215.35          | 28.06456                      | (19110405) | 404916.51 |
| 3815253.32                                                                   | 27.30254 (19110405) |                               |            |           |
| 404939.16                                                                    | 3815291.28          | 25.99258                      | (19110405) | 404961.81 |
| 3815329.24                                                                   | 25.19148 (19110107) |                               |            |           |
| 404984.46                                                                    | 3815367.21          | 27.74987                      | (19110107) | 405007.11 |
| 3815405.17                                                                   | 29.91480 (19110107) |                               |            |           |
| 405025.40                                                                    | 3815464.81          | 32.26740                      | (19110107) | 405016.69 |
| 3815508.15                                                                   | 33.12318 (19110107) |                               |            |           |
| 405007.99                                                                    | 3815551.49          | 33.20507                      | (19110107) | 404999.28 |
| 3815594.83                                                                   | 32.50232 (19110107) |                               |            |           |
| 404990.57                                                                    | 3815638.17          | 31.05943                      | (19110107) | 404981.86 |
| 3815681.51                                                                   | 31.90819 (18030718) |                               |            |           |
| 404973.16                                                                    | 3815724.85          | 32.11139                      | (18030718) | 404964.45 |
| 3815768.19                                                                   | 31.54053 (18030718) |                               |            |           |
| 404955.74                                                                    | 3815811.53          | 32.16948                      | (19112618) | 404947.03 |
| 3815854.88                                                                   | 33.28020 (19112618) |                               |            |           |
| 404938.33                                                                    | 3815898.22          | 33.59379                      | (19112618) | 404929.62 |
| 3815941.56                                                                   | 33.08313 (19112618) |                               |            |           |
| 404920.91                                                                    | 3815984.90          | 32.17383                      | (18111624) | 404912.21 |
| 3816028.24                                                                   | 33.37134 (18111624) |                               |            |           |
| 404903.50                                                                    | 3816071.58          | 33.76037                      | (18111624) | 404894.79 |
| 3816114.92                                                                   | 33.30763 (18111624) |                               |            |           |
| 404886.08                                                                    | 3816158.26          | 32.21782                      | (20122018) | 404877.38 |
| 3816201.60                                                                   | 33.47693 (20122018) |                               |            |           |
| 404868.67                                                                    | 3816244.95          | 33.91496                      | (20122018) | 404859.96 |
| 3816288.29                                                                   | 33.49459 (20122018) |                               |            |           |
| ▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume |                     |                               |            |           |
| Study                                                                        | ***                 | 02/10/26                      |            |           |
| *** AERMET - VERSION 21112 ***                                               | ***                 | Prairie Song BESS Plume Study |            |           |
| ***                                                                          |                     | 17:54:19                      |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 404851.25   | 3816331.63  | 32.36712   | (18120405) | 404842.55   |
| 3816374.97  | 33.66564    | (18120405) |            |             |
| 404833.84   | 3816418.31  | 34.12785   | (18120405) | 404825.13   |
| 3816461.65  | 33.71454    | (18120405) |            |             |
| 404816.42   | 3816504.99  | 32.45333   | (18120405) | 404807.72   |
| 3816548.33  | 32.77548    | (19083106) |            |             |
| 404799.01   | 3816591.67  | 33.22234   | (19083106) | 404790.30   |
| 3816635.01  | 32.80612    | (19083106) |            |             |
| 404781.59   | 3816678.36  | 32.62862   | (16102107) | 404772.89   |
| 3816721.70  | 33.92973    | (16102107) |            |             |
| 404764.18   | 3816765.04  | 34.36522   | (16102107) | 404755.47   |
| 3816808.38  | 33.89766    | (16102107) |            |             |
| 404746.76   | 3816851.72  | 32.84793   | (20102906) | 404738.06   |
| 3816895.06  | 34.11900    | (20102906) |            |             |
| 404729.35   | 3816938.40  | 34.50783   | (20102906) | 404720.64   |
| 3816981.74  | 33.98057    | (20102906) |            |             |
| 404711.94   | 3817025.08  | 33.05200   | (17112607) | 404703.23   |
| 3817068.42  | 34.27102    | (17112607) |            |             |
| 404694.52   | 3817111.77  | 34.59203   | (17112607) | 404685.81   |
| 3817155.11  | 33.98654    | (17112607) |            |             |
| 404677.11   | 3817198.45  | 33.31302   | (18121105) | 404668.40   |
| 3817241.79  | 34.46198    | (18121105) |            |             |
| 404659.69   | 3817285.13  | 34.69665   | (18121105) | 404650.98   |
| 3817328.47  | 33.99573    | (18121105) |            |             |
| 404642.28   | 3817371.81  | 33.46995   | (16102924) | 404633.57   |
| 3817415.15  | 34.52763    | (16102924) |            |             |
| 404624.86   | 3817458.49  | 34.65884   | (16102924) | 404616.15   |
| 3817501.83  | 33.85089    | (16102924) |            |             |
| 404607.45   | 3817545.18  | 33.81976   | (20120207) | 404598.74   |
| 3817588.52  | 34.77618    | (20120207) |            |             |
| 404590.03   | 3817631.86  | 34.79024   | (20120207) | 404581.32   |
| 3817675.20  | 33.85907    | (20120207) |            |             |
| 404572.62   | 3817718.54  | 33.97432   | (18102704) | 404563.91   |
| 3817761.88  | 34.81054    | (18102704) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 404555.20  | 3817805.22          | 34.69589 | (18102704) | 404546.49 |
| 3817848.56 | 33.63842 (18102704) |          |            |           |
| 404537.79  | 3817891.90          | 33.31315 | (16011208) | 404529.08 |
| 3817935.24 | 34.00197 (16011208) |          |            |           |
| 404520.37  | 3817978.59          | 33.75638 | (16011208) | 404511.66 |
| 3818021.93 | 32.59570 (16011208) |          |            |           |
| 404502.96  | 3818065.27          | 30.61307 | (16011208) | 404494.25 |
| 3818108.61 | 28.69391 (20010723) |          |            |           |
| 404485.54  | 3818151.95          | 28.55557 | (20112020) | 404476.84 |
| 3818195.29 | 30.55928 (20112020) |          |            |           |
| 404468.13  | 3818238.63          | 31.80743 | (20112020) | 404459.42 |
| 3818281.97 | 32.19908 (20112020) |          |            |           |
| 404450.71  | 3818325.31          | 31.70193 | (20112020) | 404442.01 |
| 3818368.65 | 33.51240 (19112204) |          |            |           |
| 404433.30  | 3818412.00          | 34.47645 | (19112204) | 404424.59 |
| 3818455.34 | 34.89948 (19112204) |          |            |           |
| 404415.88  | 3818498.68          | 34.32891 | (19112204) | 404407.18 |
| 3818542.02 | 33.76835 (20011806) |          |            |           |
| 404398.47  | 3818585.36          | 34.85264 | (20011806) | 404389.76 |
| 3818628.70 | 34.98684 (20011806) |          |            |           |
| 404381.05  | 3818672.04          | 34.16057 | (20011806) | 404372.35 |
| 3818715.38 | 33.92931 (20022107) |          |            |           |
| 404363.64  | 3818758.72          | 34.87461 | (20022107) | 404354.93 |
| 3818802.06 | 34.86717 (20022107) |          |            |           |
| 404346.22  | 3818845.41          | 33.90834 | (20022107) | 404337.52 |
| 3818888.75 | 32.07738 (20022107) |          |            |           |
| 404328.81  | 3818932.09          | 32.14802 | (19120206) | 404320.10 |
| 3818975.43 | 32.01715 (19120206) |          |            |           |
| 404311.39  | 3819018.77          | 32.61727 | (18112602) | 404302.69 |
| 3819062.11 | 34.19670 (18112602) |          |            |           |
| 404293.98  | 3819105.45          | 34.83170 | (18112602) | 404285.27 |
| 3819148.79 | 33.75662 (18112602) |          |            |           |
| 404276.56  | 3819192.13          | 31.51287 | (18112602) | 404267.86 |
| 3819235.47 | 28.93017 (18112602) |          |            |           |
| 404259.15  | 3819278.82          | 28.51867 | (19122706) | 404250.44 |
| 3819322.16 | 27.55253 (19122706) |          |            |           |
| 404241.74  | 3819365.50          | 25.86970 | (19122706) | 404233.03 |
| 3819408.84 | 25.35358 (20010223) |          |            |           |
| 404224.32  | 3819452.18          | 25.20836 | (20010223) | 404215.61 |
| 3819495.52 | 25.43512 (16022407) |          |            |           |
| 404206.91  | 3819538.86          | 26.42996 | (16022407) | 404198.20 |
| 3819582.20 | 27.59307 (16022407) |          |            |           |
| 404189.49  | 3819625.54          | 28.25913 | (16022407) | 404180.78 |
| 3819668.89 | 27.77061 (16022407) |          |            |           |
| 404172.08  | 3819712.23          | 25.39326 | (16022407) | 404163.37 |
| 3819755.57 | 21.76373 (17122604) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 404154.66   | 3819798.91  | 21.31699   | (17122604) | 404145.95   |
| 3819842.25  | 20.72238    | (16122722) |            |             |
| 404137.25   | 3819885.59  | 21.61712   | (16122722) | 404128.54   |
| 3819928.93  | 21.88993    | (16122722) |            |             |
| 404119.83   | 3819972.27  | 21.42695   | (16122722) | 404111.12   |
| 3820015.61  | 20.55049    | (16122722) |            |             |
| 404102.42   | 3820058.95  | 19.75287   | (16020602) | 404093.71   |
| 3820102.30  | 20.10594    | (16020602) |            |             |
| 404085.00   | 3820145.64  | 20.03178   | (16020602) | 404076.29   |
| 3820188.98  | 19.47755    | (16020602) |            |             |
| 404067.59   | 3820232.32  | 18.37356   | (17030718) | 404058.88   |
| 3820275.66  | 18.66247    | (17030718) |            |             |
| 404050.17   | 3820319.00  | 18.42809   | (17030718) | 404041.47   |
| 3820362.34  | 17.90727    | (17030718) |            |             |
| 404032.76   | 3820405.68  | 17.13575   | (17030718) | 404024.05   |
| 3820449.02  | 17.27356    | (18121405) |            |             |
| 404015.34   | 3820492.36  | 17.43185   | (18121405) | 404006.64   |
| 3820535.71  | 17.03803    | (18121405) |            |             |
| 403997.93   | 3820579.05  | 17.78827   | (17122921) | 403989.22   |
| 3820622.39  | 18.36265    | (17122921) |            |             |
| 403980.51   | 3820665.73  | 18.65225   | (17122921) | 403971.81   |
| 3820709.07  | 18.67483    | (17122921) |            |             |
| 403963.10   | 3820752.41  | 18.42145   | (19020808) | 403954.39   |
| 3820795.75  | 18.35976    | (19020808) |            |             |
| 403945.68   | 3820839.09  | 15.80053   | (19020808) | 403936.98   |
| 3820882.43  | 15.40285    | (19020808) |            |             |
| 403928.27   | 3820925.77  | 14.23947   | (19122907) | 403919.56   |
| 3820969.12  | 14.38671    | (19122907) |            |             |
| 403910.85   | 3821012.46  | 16.27360   | (19122907) | 403902.15   |
| 3821055.80  | 17.88125    | (19122907) |            |             |
| 403893.44   | 3821099.14  | 15.73168   | (19122907) | 403884.73   |
| 3821142.48  | 12.48315    | (19122907) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403876.02  | 3821185.82          | 12.57423 | (16010403) | 403867.32 |
| 3821229.16 | 11.02564 (16010403) |          |            |           |
| 403858.61  | 3821272.50          | 10.46843 | (20011803) | 403849.90 |
| 3821315.84 | 10.03011 (20011803) |          |            |           |
| 403841.19  | 3821359.18          | 9.69242  | (20011803) | 403832.49 |
| 3821402.53 | 9.13851 (20011803)  |          |            |           |
| 403823.78  | 3821445.87          | 8.74874  | (20011803) | 403815.07 |
| 3821489.21 | 8.67275 (19120304)  |          |            |           |
| 403806.37  | 3821532.55          | 8.82212  | (19120304) | 403797.66 |
| 3821575.89 | 8.15519 (19120304)  |          |            |           |
| 403788.95  | 3821619.23          | 7.39485  | (19120304) | 403780.24 |
| 3821662.57 | 6.69000 (19120304)  |          |            |           |
| 403771.54  | 3821705.91          | 6.13272  | (16010304) | 403762.83 |
| 3821749.25 | 5.91726 (16010304)  |          |            |           |
| 403754.12  | 3821792.59          | 5.65110  | (16010304) | 403745.41 |
| 3821835.94 | 5.45685 (16122824)  |          |            |           |
| 403736.71  | 3821879.28          | 5.41270  | (16122824) | 401626.23 |
| 3809753.83 | 35.56035 (18102707) |          |            |           |
| 401591.33  | 3809726.48          | 36.39154 | (18102707) | 401556.43 |
| 3809699.12 | 36.18087 (18102707) |          |            |           |
| 401521.53  | 3809671.77          | 34.94343 | (18102707) | 402477.55 |
| 3808737.12 | 30.28393 (18102707) |          |            |           |
| 402500.22  | 3808775.13          | 30.93336 | (18102707) | 402522.90 |
| 3808813.14 | 30.91592 (18102707) |          |            |           |
| 402545.58  | 3808851.15          | 30.22908 | (18102707) | 402568.25 |
| 3808889.16 | 30.05598 (19112104) |          |            |           |
| 402590.93  | 3808927.17          | 30.95854 | (19112104) | 402613.61 |
| 3808965.18 | 31.19117 (19112104) |          |            |           |
| 402636.28  | 3809003.19          | 30.73538 | (19112104) | 402658.96 |
| 3809041.20 | 29.73304 (19120706) |          |            |           |
| 402681.64  | 3809079.21          | 30.86520 | (19120706) | 402704.31 |
| 3809117.22 | 31.33066 (19120706) |          |            |           |
| 402726.99  | 3809155.23          | 31.09544 | (19120706) | 402749.67 |
| 3809193.24 | 30.17195 (19120706) |          |            |           |
| 402772.34  | 3809231.25          | 30.75592 | (20020607) | 402795.02 |
| 3809269.26 | 31.43700 (20020607) |          |            |           |
| 402817.70  | 3809307.27          | 31.40921 | (20020607) | 402840.37 |
| 3809345.28 | 30.67160 (20020607) |          |            |           |
| 402863.05  | 3809383.29          | 29.27067 | (20020607) | 402885.73 |
| 3809421.30 | 27.29632 (20020607) |          |            |           |
| 402908.40  | 3809459.31          | 25.50643 | (16010206) | 402931.08 |
| 3809497.32 | 27.58822 (19112205) |          |            |           |
| 402953.75  | 3809535.32          | 29.21828 | (19112205) | 402976.43 |
| 3809573.33 | 30.23518 (19112205) |          |            |           |
| 402999.11  | 3809611.34          | 30.56695 | (19112205) | 403021.78 |
| 3809649.35 | 30.18834 (19112205) |          |            |           |
| 403044.46  | 3809687.36          | 29.12295 | (19112205) | 403067.14 |
| 3809725.37 | 27.85250 (18013107) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 3809801.39 | 403089.81   | 3809763.38  | 28.30486   | (18013107) | 403112.49   |
| 3809877.41 | 403135.17   | 3809839.40  | 29.54474   | (16102601) | 403157.84   |
| 3809953.43 | 403180.52   | 3809915.42  | 31.54455   | (16102601) | 403203.20   |
| 3810029.45 | 403225.87   | 3809991.44  | 30.62175   | (16102601) | 403248.55   |
| 3810105.47 | 403271.23   | 3810067.46  | 27.01216   | (16102601) | 403293.90   |
| 3810181.49 | 403316.58   | 3810143.48  | 25.45197   | (16010301) | 403339.26   |
| 3810257.51 | 403361.93   | 3810219.50  | 27.64680   | (16010301) | 403384.61   |
| 3810333.53 | 403407.29   | 3810295.52  | 27.53012   | (18111202) | 403429.96   |
| 3810409.55 | 403452.64   | 3810371.54  | 30.13289   | (18111202) | 403475.32   |
| 3810485.57 | 403497.99   | 3810447.56  | 29.93162   | (18111202) | 403520.67   |
| 3810561.59 | 403543.35   | 3810523.58  | 31.77746   | (19120705) | 403566.02   |
| 3810637.61 | 403588.70   | 3810599.60  | 31.77598   | (19120705) | 403611.38   |
| 3810713.63 | 403634.05   | 3810675.62  | 31.69203   | (16021701) | 403656.73   |
| 3810789.65 | 403679.41   | 3810751.64  | 31.89135   | (16021701) | 403702.08   |
| 3810865.67 | 403724.76   | 3810827.66  | 29.09711   | (16021701) | 403747.44   |
|            |             |             |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403770.11  | 3810903.68          | 28.92036 | (19091206) | 403792.79 |
| 3810941.69 | 29.77459 (16100607) |          |            |           |
| 403815.47  | 3810979.70          | 31.17500 | (16100607) | 403838.14 |
| 3811017.71 | 31.84974 (16100607) |          |            |           |
| 403860.82  | 3811055.72          | 31.75005 | (16100607) | 403883.50 |
| 3811093.73 | 30.88305 (16100607) |          |            |           |
| 403906.17  | 3811131.74          | 29.31136 | (16100607) | 403928.85 |
| 3811169.75 | 27.14470 (16100607) |          |            |           |
| 403951.53  | 3811207.76          | 24.52838 | (16100607) | 403974.20 |
| 3811245.77 | 25.23647 (17092506) |          |            |           |
| 403996.88  | 3811283.78          | 26.58013 | (17092506) | 404019.56 |
| 3811321.79 | 27.31662 (17092506) |          |            |           |
| 404042.23  | 3811359.80          | 27.39345 | (17092506) | 404064.91 |
| 3811397.81 | 29.33833 (18011405) |          |            |           |
| 404087.59  | 3811435.81          | 30.99291 | (18011405) | 404110.26 |
| 3811473.82 | 31.94881 (18011405) |          |            |           |
| 404132.94  | 3811511.83          | 32.13810 | (18011405) | 404155.62 |
| 3811549.84 | 31.54778 (18011405) |          |            |           |
| 404178.29  | 3811587.85          | 30.77666 | (19020108) | 404200.97 |
| 3811625.86 | 31.82651 (19020108) |          |            |           |
| 404223.64  | 3811663.87          | 32.11901 | (19020108) | 404246.32 |
| 3811701.88 | 31.63418 (19020108) |          |            |           |
| 404269.00  | 3811739.89          | 30.40799 | (19020108) | 404291.67 |
| 3811777.90 | 29.95489 (16010202) |          |            |           |
| 404314.35  | 3811815.91          | 30.33429 | (16010202) | 404337.03 |
| 3811853.92 | 29.98258 (16010202) |          |            |           |
| 404359.70  | 3811891.93          | 29.07167 | (20110307) | 404382.38 |
| 3811929.94 | 30.27134 (20110307) |          |            |           |
| 404405.06  | 3811967.95          | 30.76785 | (20110307) | 404427.73 |
| 3812005.96 | 30.52754 (20110307) |          |            |           |
| 404450.41  | 3812043.97          | 29.85873 | (17101307) | 404473.09 |
| 3812081.98 | 31.20998 (17101307) |          |            |           |
| 404495.76  | 3812119.99          | 31.84818 | (17101307) | 404518.44 |
| 3812158.00 | 31.73024 (17101307) |          |            |           |
| 404541.12  | 3812196.01          | 30.86644 | (17101307) | 404563.79 |
| 3812234.02 | 29.31936 (17101307) |          |            |           |
| 404586.47  | 3812272.03          | 27.19568 | (17101307) | 404609.15 |
| 3812310.04 | 24.63499 (17101307) |          |            |           |
| 404631.82  | 3812348.05          | 25.81601 | (20010305) | 404654.50 |
| 3812386.06 | 27.21789 (20010305) |          |            |           |
| 404677.18  | 3812424.07          | 28.02515 | (20010305) | 404699.85 |
| 3812462.08 | 28.18416 (20010305) |          |            |           |
| 404722.53  | 3812500.09          | 27.68603 | (20010305) | 404745.21 |
| 3812538.10 | 26.62186 (19122818) |          |            |           |
| 404767.88  | 3812576.11          | 27.55131 | (19122818) | 404790.56 |
| 3812614.12 | 27.85527 (19122818) |          |            |           |
| 404813.24  | 3812652.13          | 27.90943 | (20122108) | 404835.91 |
| 3812690.14 | 29.72600 (20122108) |          |            |           |
| 404858.59  | 3812728.15          | 30.93479 | (20122108) | 404881.27 |
| 3812766.16 | 31.45738 (20122108) |          |            |           |



```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 570

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|----------|------------|-------------|
|            | Y-COORD (M) | CONC        |          | (YYMMDDHH) |             |
|            | 404903.94   | 3812804.17  | 31.26119 | (20122108) | 404926.62   |
| 3812842.18 | 30.36242    | (20122108)  |          |            |             |
|            | 404949.30   | 3812880.19  | 28.82415 | (20122108) | 404971.97   |
| 3812918.20 | 26.74919    | (20122108)  |          |            |             |
|            | 404994.65   | 3812956.21  | 26.21826 | (18021602) | 405017.33   |
| 3812994.22 | 25.63837    | (18021602)  |          |            |             |
|            | 405040.00   | 3813032.23  | 26.70172 | (18120406) | 405062.68   |
| 3813070.24 | 27.50969    | (18120406)  |          |            |             |
|            | 405085.36   | 3813108.25  | 27.71259 | (18120406) | 405108.03   |
| 3813146.26 | 27.29997    | (18120406)  |          |            |             |
|            | 405130.71   | 3813184.27  | 28.36288 | (19103104) | 405153.39   |
| 3813222.28 | 29.43611    | (19103104)  |          |            |             |
|            | 405176.06   | 3813260.29  | 29.88028 | (19103104) | 405198.74   |
| 3813298.30 | 29.66973    | (19103104)  |          |            |             |
|            | 405221.42   | 3813336.30  | 28.82176 | (19103104) | 405244.09   |
| 3813374.31 | 30.02168    | (18041806)  |          |            |             |
|            | 405266.77   | 3813412.32  | 30.72574 | (18041806) | 405289.45   |
| 3813450.33 | 30.77025    | (18041806)  |          |            |             |
|            | 405312.12   | 3813488.34  | 30.15610 | (18041806) | 405334.80   |
| 3813526.35 | 29.38147    | (18122006)  |          |            |             |
|            | 405357.48   | 3813564.36  | 30.33564 | (18122006) | 405380.15   |
| 3813602.37 | 30.65750    | (18122006)  |          |            |             |
|            | 405402.83   | 3813640.38  | 30.33047 | (18122006) | 405425.51   |
| 3813678.39 | 29.37883    | (18122006)  |          |            |             |
|            | 405448.18   | 3813716.40  | 29.79563 | (20111005) | 405470.86   |
| 3813754.41 | 30.40544    | (20111005)  |          |            |             |
|            | 405493.53   | 3813792.42  | 30.38490 | (20111005) | 405516.21   |
| 3813830.43 | 29.73909    | (20111005)  |          |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 405538.89  | 3813868.44          | 28.51134 | (20111005) | 405561.56 |
| 3813906.45 | 27.80820 (19112403) |          |            |           |
| 405584.24  | 3813944.46          | 28.08710 | (19112403) | 405606.92 |
| 3813982.47 | 27.79446 (19112403) |          |            |           |
| 405629.59  | 3814020.48          | 28.12353 | (16122724) | 405652.27 |
| 3814058.49 | 29.31467 (16122724) |          |            |           |
| 405674.95  | 3814096.50          | 29.94425 | (16122724) | 405697.62 |
| 3814134.51 | 29.97892 (16122724) |          |            |           |
| 405720.30  | 3814172.52          | 29.42062 | (16122724) | 405742.98 |
| 3814210.53 | 28.43867 (16120402) |          |            |           |
| 405765.65  | 3814248.54          | 29.39629 | (16120402) | 405788.33 |
| 3814286.55 | 29.79257 (16120402) |          |            |           |
| 405811.01  | 3814324.56          | 29.60851 | (16120402) | 405833.68 |
| 3814362.57 | 28.85896 (16120402) |          |            |           |
| 405856.36  | 3814400.58          | 28.58006 | (19010221) | 405879.04 |
| 3814438.59 | 29.33938 (19010221) |          |            |           |
| 405901.71  | 3814476.60          | 29.54562 | (19010221) | 405924.39 |
| 3814514.61 | 29.19117 (19010221) |          |            |           |
| 405947.07  | 3814552.62          | 28.30012 | (19010221) | 405969.74 |
| 3814590.63 | 27.76419 (17020906) |          |            |           |
| 405992.42  | 3814628.64          | 28.34743 | (17020906) | 406015.10 |
| 3814666.65 | 28.40673 (17020906) |          |            |           |
| 406037.77  | 3814704.66          | 27.94291 | (17020906) | 406060.45 |
| 3814742.67 | 26.98522 (17020906) |          |            |           |
| 406083.13  | 3814780.68          | 25.58862 | (17020906) | 406105.80 |
| 3814818.69 | 25.68300 (17062603) |          |            |           |
| 406128.48  | 3814856.70          | 25.64800 | (17062603) | 406151.16 |
| 3814894.71 | 25.15532 (17062603) |          |            |           |
| 406173.83  | 3814932.72          | 24.23478 | (17062603) | 406196.51 |
| 3814970.73 | 23.74751 (19110405) |          |            |           |
| 406219.19  | 3815008.74          | 24.08894 | (19110405) | 406241.86 |
| 3815046.75 | 24.00766 (19110405) |          |            |           |
| 406264.54  | 3815084.76          | 23.51134 | (19110405) | 406287.22 |
| 3815122.77 | 22.62891 (19110405) |          |            |           |
| 406309.89  | 3815160.78          | 21.40783 | (19110405) | 406332.57 |
| 3815198.78 | 22.23610 (19110107) |          |            |           |
| 406339.55  | 3815239.49          | 24.21301 | (19110107) | 406330.83 |
| 3815282.88 | 25.98082 (19110107) |          |            |           |
| 406322.11  | 3815326.27          | 27.35547 | (19110107) | 406313.40 |
| 3815369.67 | 28.26028 (19110107) |          |            |           |
| 406304.68  | 3815413.06          | 28.64151 | (19110107) | 406295.96 |
| 3815456.45 | 28.47464 (19110107) |          |            |           |
| 406287.24  | 3815499.85          | 27.76585 | (19110107) | 406278.52 |
| 3815543.24 | 26.73995 (18030718) |          |            |           |
| 406269.81  | 3815586.63          | 27.47133 | (18030718) | 406261.09 |
| 3815630.03 | 27.67671 (18030718) |          |            |           |
| 406252.37  | 3815673.42          | 27.34114 | (18030718) | 406243.65 |
| 3815716.81 | 27.17578 (19112618) |          |            |           |
| 406234.93  | 3815760.21          | 28.28816 | (19112618) | 406226.22 |
| 3815803.60 | 28.86780 (19112618) |          |            |           |

406217.50 3815846.99 28.87819 (19112618) 406208.78  
 3815890.38 28.31579 (19112618)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 571

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 406200.06   | 3815933.78  | 27.79864   | (18111624) | 406191.34   |
| 3815977.17  | 28.72186    | (18111624) |            |             |
| 406182.63   | 3816020.56  | 29.08236   | (18111624) | 406173.91   |
| 3816063.96  | 28.85569    | (18111624) |            |             |
| 406165.19   | 3816107.35  | 28.05284   | (18111624) | 406156.47   |
| 3816150.74  | 28.39002    | (20122018) |            |             |
| 406147.76   | 3816194.14  | 29.08404   | (20122018) | 406139.04   |
| 3816237.53  | 29.18873    | (20122018) |            |             |
| 406130.32   | 3816280.92  | 28.69525   | (20122018) | 406121.60   |
| 3816324.32  | 27.95504    | (18120405) |            |             |
| 406112.88   | 3816367.71  | 28.96211   | (18120405) | 406104.17   |
| 3816411.10  | 29.38781    | (18120405) |            |             |
| 406095.45   | 3816454.50  | 29.20336   | (18120405) | 406086.73   |
| 3816497.89  | 27.76752    | (18120405) |            |             |
| 406078.01   | 3816541.28  | 24.07454   | (19083106) | 406069.29   |
| 3816584.68  | 24.42513    | (19083106) |            |             |
| 406060.58   | 3816628.07  | 24.42450   | (19083106) | 406051.86   |
| 3816671.46  | 23.64691    | (19083106) |            |             |
| 406043.14   | 3816714.86  | 22.83758   | (16102107) | 406034.42   |
| 3816758.25  | 22.10769    | (16102107) |            |             |
| 406025.70   | 3816801.64  | 22.97450   | (16102107) | 406016.99   |
| 3816845.04  | 24.50025    | (16102107) |            |             |
| 406008.27   | 3816888.43  | 24.31108   | (16102107) | 405999.55   |
| 3816931.82  | 25.37713    | (20102906) |            |             |
| 405990.83   | 3816975.22  | 25.30642   | (20102906) | 405982.12   |
| 3817018.61  | 25.14738    | (20102906) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 405973.40  | 3817062.00          | 24.60101 | (20102906) | 405964.68 |
| 3817105.40 | 24.54229 (17112607) |          |            |           |
| 405955.96  | 3817148.79          | 24.98692 | (17112607) | 405947.24 |
| 3817192.18 | 23.99516 (20122102) |          |            |           |
| 405938.53  | 3817235.57          | 22.61623 | (20122102) | 405929.81 |
| 3817278.97 | 19.61203 (20122102) |          |            |           |
| 405921.09  | 3817322.36          | 18.69513 | (18121105) | 405912.37 |
| 3817365.75 | 19.80350 (18121105) |          |            |           |
| 405903.65  | 3817409.15          | 23.98783 | (18121105) | 405894.94 |
| 3817452.54 | 25.20886 (18121105) |          |            |           |
| 405886.22  | 3817495.93          | 23.55358 | (16102924) | 405877.50 |
| 3817539.33 | 24.17000 (16102924) |          |            |           |
| 405868.78  | 3817582.72          | 23.15370 | (16102924) | 405860.06 |
| 3817626.11 | 20.20523 (16102924) |          |            |           |
| 405851.35  | 3817669.51          | 17.47942 | (20120207) | 405842.63 |
| 3817712.90 | 17.62056 (20120207) |          |            |           |
| 405833.91  | 3817756.29          | 17.49710 | (20120207) | 405825.19 |
| 3817799.69 | 17.22103 (20120207) |          |            |           |
| 405816.48  | 3817843.08          | 16.56387 | (20120207) | 405807.76 |
| 3817886.47 | 16.36236 (18102704) |          |            |           |
| 405799.04  | 3817929.87          | 18.95412 | (18102704) | 405790.32 |
| 3817973.26 | 24.98093 (18102704) |          |            |           |
| 405781.60  | 3818016.65          | 23.67473 | (18102704) | 405772.89 |
| 3818060.05 | 22.00051 (16011208) |          |            |           |
| 405764.17  | 3818103.44          | 21.75537 | (16011208) | 405755.45 |
| 3818146.83 | 20.49771 (16011208) |          |            |           |
| 405746.73  | 3818190.23          | 19.01149 | (16011208) | 405738.01 |
| 3818233.62 | 18.69961 (16011208) |          |            |           |
| 405729.30  | 3818277.01          | 17.70007 | (16011208) | 405720.58 |
| 3818320.41 | 16.30049 (20010723) |          |            |           |
| 405711.86  | 3818363.80          | 15.03414 | (20010723) | 405703.14 |
| 3818407.19 | 14.61462 (20112020) |          |            |           |
| 405694.42  | 3818450.58          | 15.28568 | (20112020) | 405685.71 |
| 3818493.98 | 15.00727 (20112020) |          |            |           |
| 405676.99  | 3818537.37          | 14.74460 | (20112020) | 405668.27 |
| 3818580.76 | 13.95363 (19112204) |          |            |           |
| 405659.55  | 3818624.16          | 13.89262 | (19112204) | 405650.84 |
| 3818667.55 | 13.42576 (19112204) |          |            |           |
| 405642.12  | 3818710.94          | 13.55575 | (19112204) | 405633.40 |
| 3818754.34 | 13.93943 (19112204) |          |            |           |
| 405624.68  | 3818797.73          | 13.97205 | (20011806) | 405615.96 |
| 3818841.12 | 14.58935 (20011806) |          |            |           |
| 405607.25  | 3818884.52          | 14.86816 | (20011806) | 405598.53 |
| 3818927.91 | 14.81286 (20011806) |          |            |           |
| 405589.81  | 3818971.30          | 14.39628 | (20011806) | 405581.09 |
| 3819014.70 | 14.43169 (20022107) |          |            |           |
| 405572.37  | 3819058.09          | 14.66779 | (20022107) | 405563.66 |
| 3819101.48 | 14.60080 (20022107) |          |            |           |
| 405554.94  | 3819144.88          | 14.30823 | (20022107) | 405546.22 |
| 3819188.27 | 13.88388 (20022107) |          |            |           |

405537.50 3819231.66 14.54706 (19120206) 405528.78  
 3819275.06 14.71377 (19120206)  
 405520.07 3819318.45 14.25875 (19120206) 405511.35  
 3819361.84 14.01648 (18112602)

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 572

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 405502.63   | 3819405.24  | 14.44863   | (18112602) | 405493.91   |
| 3819448.63  | 14.63187    | (18112602) |            |             |
| 405485.20   | 3819492.02  | 14.45212   | (18112602) | 405476.48   |
| 3819535.42  | 13.90217    | (18112602) |            |             |
| 405467.76   | 3819578.81  | 13.02623   | (18112602) | 405459.04   |
| 3819622.20  | 12.86148    | (19122706) |            |             |
| 405450.32   | 3819665.60  | 12.48935   | (19122706) | 405441.61   |
| 3819708.99  | 11.85143    | (19122706) |            |             |
| 405432.89   | 3819752.38  | 11.04629   | (19122706) | 405424.17   |
| 3819795.77  | 10.95454    | (20010223) |            |             |
| 405415.45   | 3819839.17  | 10.84724   | (20010223) | 405406.73   |
| 3819882.56  | 10.44213    | (20010223) |            |             |
| 405398.02   | 3819925.95  | 9.79860    | (16022407) | 405389.30   |
| 3819969.35  | 9.18785     | (16022407) |            |             |
| 405380.58   | 3820012.74  | 8.81360    | (16022407) | 405371.86   |
| 3820056.13  | 8.50560     | (16022407) |            |             |
| 405363.14   | 3820099.53  | 8.24598    | (16022407) | 405354.43   |
| 3820142.92  | 8.35731     | (16022407) |            |             |
| 405345.71   | 3820186.31  | 10.25709   | (17122604) | 405336.99   |
| 3820229.71  | 11.06735    | (17122604) |            |             |
| 405328.27   | 3820273.10  | 9.97406    | (17122604) | 405319.56   |
| 3820316.49  | 12.93612    | (16122722) |            |             |
| 405310.84   | 3820359.89  | 15.79608   | (16122722) | 405302.12   |
| 3820403.28  | 14.16504    | (16122722) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 405293.40  | 3820446.67          | 10.17525 | (16122722) | 405284.68 |
| 3820490.07 | 8.84238 (16122722)  |          |            |           |
| 405275.97  | 3820533.46          | 9.49509  | (16020602) | 405267.25 |
| 3820576.85 | 9.01384 (16020602)  |          |            |           |
| 405258.53  | 3820620.25          | 8.48157  | (16020602) | 405249.81 |
| 3820663.64 | 8.13995 (16020602)  |          |            |           |
| 405241.09  | 3820707.03          | 9.17247  | (16020602) | 405232.38 |
| 3820750.43 | 12.08268 (17030718) |          |            |           |
| 405223.66  | 3820793.82          | 11.66474 | (17030718) | 405214.94 |
| 3820837.21 | 11.19878 (17030718) |          |            |           |
| 405206.22  | 3820880.61          | 9.42877  | (17030718) | 405197.51 |
| 3820924.00 | 8.34409 (18121405)  |          |            |           |
| 405188.79  | 3820967.39          | 8.01341  | (18121405) | 405180.07 |
| 3821010.79 | 6.84316 (18121405)  |          |            |           |
| 405171.35  | 3821054.18          | 6.50377  | (18121405) | 405162.63 |
| 3821097.57 | 6.01041 (17122921)  |          |            |           |
| 405153.92  | 3821140.96          | 6.21544  | (17122921) | 405145.20 |
| 3821184.36 | 6.68112 (17122921)  |          |            |           |
| 405136.48  | 3821227.75          | 5.72399  | (17122921) | 405127.76 |
| 3821271.14 | 6.08779 (17122921)  |          |            |           |
| 405119.04  | 3821314.54          | 6.64762  | (19020808) | 405110.33 |
| 3821357.93 | 6.70016 (19020808)  |          |            |           |
| 405101.61  | 3821401.32          | 6.45129  | (19020808) | 405092.89 |
| 3821444.72 | 5.98173 (19020808)  |          |            |           |
| 405084.17  | 3821488.11          | 5.53760  | (19020808) | 405075.45 |
| 3821531.50 | 5.43300 (19122907)  |          |            |           |
| 405066.74  | 3821574.90          | 5.44239  | (19122907) | 405058.02 |
| 3821618.29 | 5.23417 (19122907)  |          |            |           |
| 405049.30  | 3821661.68          | 4.94153  | (19122907) | 405040.58 |
| 3821705.08 | 4.64706 (19122907)  |          |            |           |
| 405031.87  | 3821748.47          | 4.25623  | (16010403) | 405023.15 |
| 3821791.86 | 4.07660 (16010403)  |          |            |           |
| 405014.43  | 3821835.26          | 3.90888  | (16010403) | 405005.71 |
| 3821878.65 | 3.68880 (20011803)  |          |            |           |
| 404996.99  | 3821922.04          | 3.70106  | (20011803) | 404988.28 |
| 3821965.44 | 3.67031 (19112816)  |          |            |           |
| 404979.56  | 3822008.83          | 3.61341  | (19112816) | 404970.84 |
| 3822052.22 | 3.53905 (19112816)  |          |            |           |
| 404962.12  | 3822095.62          | 3.45177  | (19112816) | 404953.40 |
| 3822139.01 | 3.34846 (19112816)  |          |            |           |
| 404944.69  | 3822182.40          | 3.21385  | (19112816) | 404935.97 |
| 3822225.80 | 3.05950 (19112816)  |          |            |           |
| 404927.25  | 3822269.19          | 3.08324  | (20020908) | 404918.53 |
| 3822312.58 | 3.12865 (20020908)  |          |            |           |
| 404909.81  | 3822355.97          | 3.13465  | (20020908) | 404901.10 |
| 3822399.37 | 3.11759 (20020908)  |          |            |           |
| 404892.38  | 3822442.76          | 3.08317  | (20020908) | 404883.66 |
| 3822486.15 | 3.02521 (20020908)  |          |            |           |
| 404874.94  | 3822529.55          | 2.94322  | (20020908) | 404866.23 |
| 3822572.94 | 2.84385 (20020908)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402448.76  | 3808704.44 | 29.01751   | (18102707) | 402413.86 |
| 3808677.08 | 27.18536   | (18102707) |            |           |
| 402378.96  | 3808649.73 | 24.88853   | (18102707) | 402344.06 |
| 3808622.37 | 22.89368   | (17051904) |            |           |
| 403300.08  | 3807687.74 | 21.16749   | (18102707) | 403322.78 |
| 3807725.79 | 23.01145   | (18102707) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 573

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 403345.48   | 3807763.83  | 24.58016   | (18102707) | 403368.18   |
| 3807801.88  | 25.79671    | (18102707) |            |             |
| 403390.87   | 3807839.92  | 26.59731   | (18102707) | 403413.57   |
| 3807877.97  | 26.93869    | (18102707) |            |             |
| 403436.27   | 3807916.01  | 26.80025   | (18102707) | 403458.97   |
| 3807954.06  | 26.18707    | (18102707) |            |             |
| 403481.67   | 3807992.11  | 26.05906   | (19112104) | 403504.36   |
| 3808030.15  | 26.82211    | (19112104) |            |             |
| 403527.06   | 3808068.20  | 27.11190   | (19112104) | 403549.76   |
| 3808106.24  | 26.91042    | (19112104) |            |             |
| 403572.46   | 3808144.29  | 26.22638   | (19112104) | 403595.15   |
| 3808182.33  | 26.31829    | (19120706) |            |             |
| 403617.85   | 3808220.38  | 27.02078   | (19120706) | 403640.55   |
| 3808258.42  | 27.23582    | (19120706) |            |             |
| 403663.25   | 3808296.47  | 26.94967   | (19120706) | 403685.95   |
| 3808334.51  | 26.17608    | (19120706) |            |             |
| 403708.64   | 3808372.56  | 26.62845   | (20020607) | 403731.34   |
| 3808410.60  | 27.24852    | (20020607) |            |             |
| 403754.04   | 3808448.65  | 27.36698   | (20020607) | 403776.74   |
| 3808486.69  | 26.97526    | (20020607) |            |             |
| 403799.43   | 3808524.74  | 26.09331   | (20020607) | 403822.13   |
| 3808562.79  | 24.76745    | (20020607) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403844.83  | 3808600.83          | 23.06736 | (20020607) | 403867.53 |
| 3808638.88 | 22.37100 (19112205) |          |            |           |
| 403890.23  | 3808676.92          | 24.02487 | (19112205) | 403912.92 |
| 3808714.97 | 25.31588 (19112205) |          |            |           |
| 403935.62  | 3808753.01          | 26.17294 | (19112205) | 403958.32 |
| 3808791.06 | 26.54700 (19112205) |          |            |           |
| 403981.02  | 3808829.10          | 26.41512 | (19112205) | 404003.71 |
| 3808867.15 | 25.78338 (19112205) |          |            |           |
| 404026.41  | 3808905.19          | 24.68595 | (19112205) | 404049.11 |
| 3808943.24 | 24.38322 (18013107) |          |            |           |
| 404071.81  | 3808981.28          | 24.59831 | (18013107) | 404094.51 |
| 3809019.33 | 24.33902 (18013107) |          |            |           |
| 404117.20  | 3809057.37          | 25.65475 | (16102601) | 404139.90 |
| 3809095.42 | 26.74949 (16102601) |          |            |           |
| 404162.60  | 3809133.46          | 27.35300 | (16102601) | 404185.30 |
| 3809171.51 | 27.42955 (16102601) |          |            |           |
| 404208.00  | 3809209.56          | 26.97324 | (16102601) | 404230.69 |
| 3809247.60 | 26.00957 (16102601) |          |            |           |
| 404253.39  | 3809285.65          | 24.59163 | (16102601) | 404276.09 |
| 3809323.69 | 22.79735 (16102601) |          |            |           |
| 404298.79  | 3809361.74          | 20.72009 | (16102601) | 404321.48 |
| 3809399.78 | 22.15325 (16010301) |          |            |           |
| 404344.18  | 3809437.83          | 23.25984 | (16010301) | 404366.88 |
| 3809475.87 | 23.94368 (16010301) |          |            |           |
| 404389.58  | 3809513.92          | 24.16462 | (16010301) | 404412.28 |
| 3809551.96 | 23.90870 (16010301) |          |            |           |
| 404434.97  | 3809590.01          | 24.70069 | (18111202) | 404457.67 |
| 3809628.05 | 25.75506 (18111202) |          |            |           |
| 404480.37  | 3809666.10          | 26.32573 | (18111202) | 404503.07 |
| 3809704.14 | 26.37825 (18111202) |          |            |           |
| 404525.76  | 3809742.19          | 25.90894 | (18111202) | 404548.46 |
| 3809780.24 | 26.60803 (19120705) |          |            |           |
| 404571.16  | 3809818.28          | 27.54195 | (19120705) | 404593.86 |
| 3809856.33 | 27.94444 (19120705) |          |            |           |
| 404616.56  | 3809894.37          | 27.79089 | (19120705) | 404639.25 |
| 3809932.42 | 27.08994 (19120705) |          |            |           |
| 404661.95  | 3809970.46          | 27.04344 | (16021701) | 404684.65 |
| 3810008.51 | 27.78127 (16021701) |          |            |           |
| 404707.35  | 3810046.55          | 27.97204 | (16021701) | 404730.04 |
| 3810084.60 | 27.60417 (16021701) |          |            |           |
| 404752.74  | 3810122.64          | 26.69908 | (16021701) | 404775.44 |
| 3810160.69 | 25.30918 (16021701) |          |            |           |
| 404798.14  | 3810198.73          | 25.25132 | (19091206) | 404820.84 |
| 3810236.78 | 25.22631 (19091206) |          |            |           |
| 404843.53  | 3810274.82          | 25.23902 | (16100607) | 404866.23 |
| 3810312.87 | 26.57335 (16100607) |          |            |           |
| 404888.93  | 3810350.91          | 27.42008 | (16100607) | 404911.63 |
| 3810388.96 | 27.72970 (16100607) |          |            |           |
| 404934.32  | 3810427.01          | 27.48354 | (16100607) | 404957.02 |
| 3810465.05 | 26.69635 (16100607) |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 404979.72  | 3810503.10 | 25.41431   | (16100607) | 405002.42 |
| 3810541.14 | 23.71150   | (16100607) |            |           |
| 405025.12  | 3810579.19 | 21.68116   | (16100607) | 405047.81 |
| 3810617.23 | 21.40677   | (17092506) |            |           |
| 405070.51  | 3810655.28 | 22.63529   | (17092506) | 405093.21 |
| 3810693.32 | 23.45682   | (17092506) |            |           |
| 405115.91  | 3810731.37 | 23.82388   | (17092506) | 405138.60 |
| 3810769.41 | 24.02420   | (18011405) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 574

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 405161.30   | 3810807.46  | 25.71567   | (18011405) | 405184.00   |
| 3810845.50  | 26.97759    | (18011405) |            |             |
| 405206.70   | 3810883.55  | 27.73848   | (18011405) | 405229.40   |
| 3810921.59  | 27.95370    | (18011405) |            |             |
| 405252.09   | 3810959.64  | 27.61120   | (18011405) | 405274.79   |
| 3810997.69  | 26.73162    | (18011405) |            |             |
| 405297.49   | 3811035.73  | 27.29625   | (19020108) | 405320.19   |
| 3811073.78  | 27.85147    | (19020108) |            |             |
| 405342.88   | 3811111.82  | 27.85516   | (19020108) | 405365.58   |
| 3811149.87  | 27.30781    | (19020108) |            |             |
| 405388.28   | 3811187.91  | 26.24257   | (19020108) | 405410.98   |
| 3811225.96  | 26.02243    | (16010202) |            |             |
| 405433.68   | 3811264.00  | 26.35532   | (16010202) | 405456.37   |
| 3811302.05  | 26.16668    | (16010202) |            |             |
| 405479.07   | 3811340.09  | 25.46845   | (16010202) | 405501.77   |
| 3811378.14  | 25.92233    | (20110307) |            |             |
| 405524.47   | 3811416.18  | 26.59005   | (20110307) | 405547.17   |
| 3811454.23  | 26.74015    | (20110307) |            |             |
| 405569.86   | 3811492.27  | 26.36486   | (20110307) | 405592.56   |
| 3811530.32  | 26.13843    | (17101307) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 405615.26  | 3811568.37 | 27.15943   | (17101307) | 405637.96 |
| 3811606.41 | 27.66956   | (17101307) |            |           |
| 405660.65  | 3811644.46 | 27.64071   | (17101307) | 405683.35 |
| 3811682.50 | 27.07577   | (17101307) |            |           |
| 405706.05  | 3811720.55 | 26.00843   | (17101307) | 405728.75 |
| 3811758.59 | 24.50055   | (17101307) |            |           |
| 405751.45  | 3811796.64 | 22.63477   | (17101307) | 405774.14 |
| 3811834.68 | 21.25777   | (20010305) |            |           |
| 405796.84  | 3811872.73 | 22.67679   | (20010305) | 405819.54 |
| 3811910.77 | 23.72413   | (20010305) |            |           |
| 405842.24  | 3811948.82 | 24.34324   | (20010305) | 405864.93 |
| 3811986.86 | 24.50004   | (20010305) |            |           |
| 405887.63  | 3812024.91 | 24.18703   | (20010305) | 405910.33 |
| 3812062.95 | 23.42356   | (20010305) |            |           |
| 405933.03  | 3812101.00 | 23.64364   | (19122818) | 405955.73 |
| 3812139.04 | 24.12874   | (19122818) |            |           |
| 405978.42  | 3812177.09 | 24.15755   | (19122818) | 406001.12 |
| 3812215.14 | 24.64647   | (20122108) |            |           |
| 406023.82  | 3812253.18 | 26.00028   | (20122108) | 406046.52 |
| 3812291.23 | 26.91186   | (20122108) |            |           |
| 406069.21  | 3812329.27 | 27.33228   | (20122108) | 406091.91 |
| 3812367.32 | 27.24010   | (20122108) |            |           |
| 406114.61  | 3812405.36 | 26.64234   | (20122108) | 406137.31 |
| 3812443.41 | 25.57370   | (20122108) |            |           |
| 406160.01  | 3812481.45 | 24.09404   | (20122108) | 406182.70 |
| 3812519.50 | 22.83401   | (18021602) |            |           |
| 406205.40  | 3812557.54 | 22.66928   | (18021602) | 406228.10 |
| 3812595.59 | 22.24669   | (18120406) |            |           |
| 406250.80  | 3812633.63 | 23.26921   | (18120406) | 406273.49 |
| 3812671.68 | 23.89259   | (18120406) |            |           |
| 406296.19  | 3812709.72 | 24.08465   | (18120406) | 406318.89 |
| 3812747.77 | 23.83689   | (18120406) |            |           |
| 406341.59  | 3812785.82 | 24.19256   | (19103104) | 406364.29 |
| 3812823.86 | 25.22454   | (19103104) |            |           |
| 406386.98  | 3812861.91 | 25.82576   | (19103104) | 406409.68 |
| 3812899.95 | 25.96596   | (19103104) |            |           |
| 406432.38  | 3812938.00 | 25.63979   | (19103104) | 406455.08 |
| 3812976.04 | 25.10579   | (18041806) |            |           |
| 406477.77  | 3813014.09 | 26.11484   | (18041806) | 406500.47 |
| 3813052.13 | 26.68174   | (18041806) |            |           |
| 406523.17  | 3813090.18 | 26.77915   | (18041806) | 406545.87 |
| 3813128.22 | 26.40416   | (18041806) |            |           |
| 406568.57  | 3813166.27 | 25.57861   | (18041806) | 406591.26 |
| 3813204.31 | 26.01463   | (18122006) |            |           |
| 406613.96  | 3813242.36 | 26.54650   | (18122006) | 406636.66 |
| 3813280.40 | 26.61875   | (18122006) |            |           |
| 406659.36  | 3813318.45 | 26.23009   | (18122006) | 406682.05 |
| 3813356.49 | 25.40314   | (18122006) |            |           |
| 406704.75  | 3813394.54 | 25.87009   | (20111005) | 406727.45 |
| 3813432.59 | 26.38885   | (20111005) |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 407385.69  | 3814535.90          | 23.60382 | (17020906) | 407408.38 |
| 3814573.94 | 22.56813 (17020906) |          |            |           |
| 407431.08  | 3814611.99          | 22.21738 | (17062603) | 407453.78 |
| 3814650.04 | 22.35345 (17062603) |          |            |           |
| 407476.48  | 3814688.08          | 22.15877 | (17062603) | 407499.18 |
| 3814726.13 | 21.64418 (17062603) |          |            |           |
| 407521.87  | 3814764.17          | 20.83448 | (17062603) | 407544.57 |
| 3814802.22 | 20.65877 (19110405) |          |            |           |
| 407567.27  | 3814840.26          | 20.92072 | (19110405) | 407589.97 |
| 3814878.31 | 20.88131 (19110405) |          |            |           |
| 407612.66  | 3814916.35          | 20.54447 | (19110405) | 407635.36 |
| 3814954.40 | 19.92647 (19110405) |          |            |           |
| 407653.70  | 3815014.16          | 18.54002 | (19110405) | 407644.97 |
| 3815057.59 | 19.24112 (19110107) |          |            |           |
| 407636.25  | 3815101.03          | 20.91051 | (19110107) | 407627.52 |
| 3815144.46 | 22.37335 (19110107) |          |            |           |
| 407618.79  | 3815187.90          | 23.56724 | (19110107) | 407610.07 |
| 3815231.33 | 24.43720 (19110107) |          |            |           |
| 407601.34  | 3815274.76          | 24.94192 | (19110107) | 407592.61 |
| 3815318.20 | 25.05576 (19110107) |          |            |           |
| 407583.89  | 3815361.63          | 24.77122 | (19110107) | 407575.16 |
| 3815405.06 | 24.09988 (19110107) |          |            |           |
| 407566.44  | 3815448.50          | 23.45107 | (18030718) | 407557.71 |
| 3815491.93 | 24.02518 (18030718) |          |            |           |
| 407548.98  | 3815535.37          | 24.21839 | (18030718) | 407540.26 |
| 3815578.80 | 24.01938 (18030718) |          |            |           |
| 407531.53  | 3815622.23          | 23.43603 | (18030718) | 407522.81 |
| 3815665.67 | 24.37757 (19112618) |          |            |           |
| 407514.08  | 3815709.10          | 25.05013 | (19112618) | 407505.35 |
| 3815752.53 | 25.32114 (19112618) |          |            |           |
| 407496.63  | 3815795.97          | 25.17533 | (19112618) | 407487.90 |
| 3815839.40 | 24.61811 (19112618) |          |            |           |
| 407479.18  | 3815882.84          | 24.38084 | (18111624) | 407470.45 |
| 3815926.27 | 25.11188 (18111624) |          |            |           |
| 407461.72  | 3815969.70          | 25.43592 | (18111624) | 407453.00 |
| 3816013.14 | 25.33493 (18111624) |          |            |           |
| 407444.27  | 3816056.57          | 24.81226 | (18111624) | 407435.55 |
| 3816100.00 | 24.41106 (20122018) |          |            |           |
| 407426.82  | 3816143.44          | 25.18467 | (20122018) | 407418.09 |
| 3816186.87 | 25.54515 (20122018) |          |            |           |
| 407409.37  | 3816230.31          | 25.47274 | (20122018) | 407400.64 |
| 3816273.74 | 24.96949 (20122018) |          |            |           |
| 407391.92  | 3816317.17          | 24.51031 | (18120405) | 407383.19 |
| 3816360.61 | 25.31211 (18120405) |          |            |           |
| 407374.46  | 3816404.04          | 25.69362 | (18120405) | 407365.74 |
| 3816447.47 | 25.63394 (18120405) |          |            |           |
| 407357.01  | 3816490.91          | 25.13440 | (18120405) | 407348.29 |
| 3816534.34 | 24.21920 (18120405) |          |            |           |
| 407339.56  | 3816577.78          | 24.64433 | (19083106) | 407330.83 |
| 3816621.21 | 25.01906 (19083106) |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 407077.78  | 3817880.79 | 26.15416   | (20120207) | 407069.05 |
| 3817924.22 | 26.29390   | (20120207) |            |           |
| 407060.33  | 3817967.66 | 25.95117   | (20120207) | 407051.60 |
| 3818011.09 | 25.14420   | (20120207) |            |           |
| 407042.87  | 3818054.52 | 25.65807   | (18102704) | 407034.15 |
| 3818097.96 | 26.20070   | (18102704) |            |           |
| 407025.42  | 3818141.39 | 26.26413   | (18102704) | 407016.70 |
| 3818184.83 | 25.39851   | (18102704) |            |           |
| 407007.97  | 3818228.26 | 24.34569   | (18102704) | 406999.24 |
| 3818271.69 | 24.49665   | (16011208) |            |           |
| 406990.52  | 3818315.13 | 25.46587   | (16011208) | 406981.79 |
| 3818358.56 | 24.83393   | (16011208) |            |           |
| 406973.07  | 3818401.99 | 24.29652   | (16011208) | 406964.34 |
| 3818445.43 | 22.95186   | (16011208) |            |           |
| 406955.61  | 3818488.86 | 21.20352   | (16011208) | 406946.89 |
| 3818532.30 | 19.92768   | (20010723) |            |           |
| 406938.16  | 3818575.73 | 18.31452   | (20010723) | 406929.44 |
| 3818619.16 | 17.65183   | (20112020) |            |           |
| 406920.71  | 3818662.60 | 18.77263   | (20112020) | 406911.98 |
| 3818706.03 | 20.44817   | (20112020) |            |           |
| 406903.26  | 3818749.46 | 20.38375   | (20112020) | 406894.53 |
| 3818792.90 | 18.27925   | (20112020) |            |           |
| 406885.81  | 3818836.33 | 16.44976   | (19112204) | 406877.08 |
| 3818879.77 | 15.94928   | (19112204) |            |           |
| 406868.35  | 3818923.20 | 16.10500   | (19112204) | 406859.63 |
| 3818966.63 | 16.05927   | (19112204) |            |           |
| 406850.90  | 3819010.07 | 15.98482   | (19112204) | 406842.18 |
| 3819053.50 | 14.53663   | (19112204) |            |           |
| 406833.45  | 3819096.93 | 14.00420   | (20011806) | 406824.72 |
| 3819140.37 | 12.87846   | (20011806) |            |           |
| 406816.00  | 3819183.80 | 10.18237   | (20011806) | 406807.27 |
| 3819227.24 | 9.09809    | (20011806) |            |           |
| 406798.55  | 3819270.67 | 8.63522    | (20011806) | 406789.82 |
| 3819314.10 | 8.69535    | (20022107) |            |           |
| 406781.09  | 3819357.54 | 8.72724    | (20022107) | 406772.37 |
| 3819400.97 | 8.65773    | (20022107) |            |           |
| 406763.64  | 3819444.40 | 8.91312    | (20022107) | 406754.92 |
| 3819487.84 | 9.05981    | (20022107) |            |           |
| 406746.19  | 3819531.27 | 9.36878    | (19120206) | 406737.46 |
| 3819574.71 | 10.08381   | (19120206) |            |           |
| 406728.74  | 3819618.14 | 10.61705   | (19120206) | 406720.01 |
| 3819661.57 | 11.55568   | (19120206) |            |           |
| 406711.29  | 3819705.01 | 12.33331   | (18112602) | 406702.56 |
| 3819748.44 | 13.70677   | (18112602) |            |           |
| 406693.83  | 3819791.87 | 15.01166   | (18112602) | 406685.11 |
| 3819835.31 | 15.58823   | (18112602) |            |           |
| 406676.38  | 3819878.74 | 16.22049   | (18112602) | 406667.65 |
| 3819922.18 | 16.75288   | (18112602) |            |           |
| 406658.93  | 3819965.61 | 17.74336   | (19122706) | 406650.20 |
| 3820009.04 | 18.47646   | (19122706) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 406519.31   | 3820660.55         | 7.95961    | (17122604) | 406510.59   |
| 3820703.98  | 7.48449 (17122604) |            |            |             |
| 406501.86   | 3820747.42         | 6.83968    | (16122722) | 406493.13   |
| 3820790.85  | 6.20417 (16122722) |            |            |             |
| 406484.41   | 3820834.29         | 5.96259    | (16122722) | 406475.68   |
| 3820877.72  | 5.53232 (16122722) |            |            |             |
| 406466.96   | 3820921.15         | 5.04118    | (16122722) | 406458.23   |
| 3820964.59  | 4.96902 (18112108) |            |            |             |
| 406449.50   | 3821008.02         | 4.96342    | (18112108) | 406440.78   |
| 3821051.45  | 4.89458 (18112108) |            |            |             |
| 406432.05   | 3821094.89         | 4.79749    | (18112108) | 406423.33   |
| 3821138.32  | 4.64444 (18112108) |            |            |             |
| 406414.60   | 3821181.76         | 4.45999    | (18112108) | 406405.87   |
| 3821225.19  | 4.26638 (18112108) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 406397.15  | 3821268.62          | 4.11254  | (18112108) | 406388.42 |
| 3821312.06 | 3.94069 (18112108)  |          |            |           |
| 406379.70  | 3821355.49          | 3.74945  | (18112108) | 406370.97 |
| 3821398.92 | 3.54205 (18112108)  |          |            |           |
| 406362.24  | 3821442.36          | 3.32021  | (18112108) | 406353.52 |
| 3821485.79 | 3.08768 (18112108)  |          |            |           |
| 406344.79  | 3821529.23          | 2.98345  | (16070206) | 406336.07 |
| 3821572.66 | 3.06454 (16070206)  |          |            |           |
| 406327.34  | 3821616.09          | 3.12609  | (16070206) | 406318.61 |
| 3821659.53 | 3.16566 (16070206)  |          |            |           |
| 406309.89  | 3821702.96          | 3.17988  | (16070206) | 406301.16 |
| 3821746.39 | 3.17242 (16070206)  |          |            |           |
| 406292.44  | 3821789.83          | 3.14224  | (16070206) | 406283.71 |
| 3821833.26 | 3.08916 (16070206)  |          |            |           |
| 406274.98  | 3821876.70          | 3.00260  | (16070206) | 406266.26 |
| 3821920.13 | 2.95160 (17040107)  |          |            |           |
| 406257.53  | 3821963.56          | 2.94760  | (17040107) | 406248.81 |
| 3822007.00 | 2.92580 (17040107)  |          |            |           |
| 406240.08  | 3822050.43          | 2.88110  | (17040107) | 406231.35 |
| 3822093.86 | 2.82360 (17040107)  |          |            |           |
| 406222.63  | 3822137.30          | 2.83783  | (20112108) | 406213.90 |
| 3822180.73 | 2.82494 (20112108)  |          |            |           |
| 406205.17  | 3822224.17          | 2.79966  | (20112108) | 406196.45 |
| 3822267.60 | 2.76221 (20112108)  |          |            |           |
| 406187.72  | 3822311.03          | 2.70349  | (20112108) | 406179.00 |
| 3822354.47 | 2.62361 (20112108)  |          |            |           |
| 406170.27  | 3822397.90          | 2.61315  | (19112816) | 406161.54 |
| 3822441.33 | 2.69753 (19112816)  |          |            |           |
| 406152.82  | 3822484.77          | 2.76101  | (19112816) | 406144.09 |
| 3822528.20 | 2.80735 (19112816)  |          |            |           |
| 406135.37  | 3822571.64          | 2.83607  | (19112816) | 406126.64 |
| 3822615.07 | 2.84316 (19112816)  |          |            |           |
| 406117.91  | 3822658.50          | 2.83271  | (19112816) | 406109.19 |
| 3822701.94 | 2.80531 (19112816)  |          |            |           |
| 406100.46  | 3822745.37          | 2.75811  | (19112816) | 406091.74 |
| 3822788.80 | 2.69589 (19112816)  |          |            |           |
| 406083.01  | 3822832.24          | 2.61566  | (19112816) | 406074.28 |
| 3822875.67 | 2.51925 (19112816)  |          |            |           |
| 406065.56  | 3822919.11          | 2.52968  | (20020908) | 406056.83 |
| 3822962.54 | 2.58594 (20020908)  |          |            |           |
| 406048.11  | 3823005.97          | 2.62380  | (20020908) | 406039.38 |
| 3823049.41 | 2.64254 (20020908)  |          |            |           |
| 406030.65  | 3823092.84          | 2.64436  | (20020908) | 406021.93 |
| 3823136.28 | 2.62903 (20020908)  |          |            |           |
| 406013.20  | 3823179.71          | 2.57500  | (20020908) | 406004.48 |
| 3823223.14 | 2.55353 (20020908)  |          |            |           |
| 405995.75  | 3823266.58          | 2.49246  | (20020908) | 405987.02 |
| 3823310.01 | 2.41441 (20020908)  |          |            |           |
| 403271.28  | 3807655.04          | 19.76407 | (17051904) | 403236.38 |
| 3807627.69 | 20.58326 (18020319) |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403201.48  | 3807600.33 | 21.41728   | (18020319) | 403166.58 |
| 3807572.98 | 21.87046   | (18020319) |            |           |
| 395836.70  | 3816831.81 | 20.76762   | (20022405) | 395824.75 |
| 3816811.06 | 20.80289   | (18032522) |            |           |
| 395812.80  | 3816790.31 | 21.28715   | (19112918) | 395800.85 |
| 3816769.56 | 21.46609   | (17102917) |            |           |
| 395788.91  | 3816748.81 | 21.57686   | (16042205) | 395870.31 |
| 3816840.09 | 19.33069   | (20092518) |            |           |
| 395858.36  | 3816819.34 | 19.35903   | (16080423) | 395846.42 |
| 3816798.59 | 19.69313   | (19052703) |            |           |
| 395834.47  | 3816777.83 | 20.12064   | (20051719) | 395822.52 |
| 3816757.08 | 20.53977   | (19120818) |            |           |
| 395810.57  | 3816736.33 | 20.40564   | (17111603) | 395880.03 |
| 3816806.86 | 19.52971   | (17032004) |            |           |
| 395868.08  | 3816786.11 | 19.98300   | (19022018) | 395856.13 |
| 3816765.36 | 19.91340   | (20071721) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 578

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395844.18   | 3816744.61  | 19.85938   | (20041520) | 395832.24   |
| 3816723.86  | 19.20168    | (20031903) |            |             |
| 395901.69   | 3816794.39  | 20.76040   | (19122507) | 395889.75   |
| 3816773.64  | 19.55867    | (18090220) |            |             |
| 395877.80   | 3816752.89  | 19.00714   | (19071403) | 395865.85   |
| 3816732.13  | 18.75747    | (16062321) |            |             |
| 395853.90   | 3816711.38  | 18.40393   | (18100218) | 395933.08   |
| 3816748.69  | 18.03162    | (20072120) |            |             |
| 395921.13   | 3816727.94  | 18.07516   | (20080322) | 395909.18   |
| 3816707.19  | 18.13522    | (17091119) |            |             |
| 395897.23   | 3816686.43  | 18.10111   | (16040904) | 395964.46   |
| 3816702.99  | 18.85041    | (17012403) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816661.48 | 395952.51 | 3816682.24 | 18.74433   | (18080422) | 395940.56 |
|            |           | 19.13932   | (16012401) |            |           |
|            | 396055.58 | 3816761.05 | 20.21251   | (16112803) | 396007.79 |
| 3816678.04 |           | 28.40169   | (17041501) |            |           |
|            | 395995.84 | 3816657.29 | 30.84945   | (19122921) | 395983.89 |
| 3816636.54 |           | 32.24874   | (18122605) |            |           |
|            | 396086.97 | 3816715.35 | 24.77993   | (19112606) | 396039.17 |
| 3816632.34 |           | 56.05858   | (17122607) |            |           |
|            | 396027.22 | 3816611.59 | 57.58720   | (17122607) | 396142.25 |
| 3816711.15 |           | 29.70199   | (19010222) |            |           |
|            | 396094.45 | 3816628.14 | 75.21777   | (17122607) | 396070.56 |
| 3816586.64 |           | 69.65823   | (17122221) |            |           |
|            | 396228.91 | 3816661.25 | 102.47426  | (16112606) | 396216.96 |
| 3816640.50 |           | 100.73211  | (16112606) |            |           |
|            | 396157.22 | 3816536.74 | 77.72022   | (20122602) | 396315.57 |
| 3816611.35 |           | 118.64426  | (17122221) |            |           |
|            | 396303.62 | 3816590.60 | 117.58815  | (20122924) | 396291.67 |
| 3816569.85 |           | 108.10589  | (16020405) |            |           |
|            | 396402.23 | 3816561.45 | 122.62675  | (20122504) | 396366.38 |
| 3816499.20 |           | 115.32741  | (20122906) |            |           |
|            | 396453.05 | 3816449.30 | 74.95873   | (19031020) | 396756.36 |
| 3816274.66 |           | 107.55555  | (19010407) |            |           |
|            | 397008.86 | 3816212.17 | 131.33180  | (19110107) | 396996.91 |
| 3816191.42 |           | 164.56996  | (19112807) |            |           |
|            | 396984.96 | 3816170.67 | 186.31719  | (19110405) | 396973.02 |
| 3816149.92 |           | 187.14209  | (19110405) |            |           |
|            | 396961.07 | 3816129.16 | 197.74045  | (17062603) | 396949.12 |
| 3816108.41 |           | 209.60273  | (17020906) |            |           |
|            | 396937.17 | 3816087.66 | 217.61794  | (17020906) | 397225.51 |
| 3816087.43 |           | 137.75159  | (17011703) |            |           |
|            | 397213.57 | 3816066.67 | 137.91817  | (17020906) | 397201.62 |
| 3816045.92 |           | 142.72533  | (17020906) |            |           |
|            | 397189.67 | 3816025.17 | 147.19442  | (19010221) | 397177.72 |
| 3816004.42 |           | 152.26434  | (19010221) |            |           |
|            | 397165.77 | 3815983.67 | 157.04008  | (16120402) | 397153.82 |
| 3815962.92 |           | 159.02875  | (16120402) |            |           |
|            | 397442.17 | 3815962.68 | 174.89419  | (19010221) | 397430.22 |
| 3815941.93 |           | 171.20298  | (16120402) |            |           |
|            | 397418.27 | 3815921.18 | 176.43660  | (16120402) | 397406.32 |
| 3815900.43 |           | 172.68384  | (16122724) |            |           |
|            | 397394.37 | 3815879.68 | 177.75514  | (16122724) | 397382.43 |
| 3815858.92 |           | 168.70829  | (16122724) |            |           |
|            | 397370.48 | 3815838.17 | 167.18552  | (19112403) | 397875.48 |
| 3815713.19 |           | 133.13770  | (19112403) |            |           |
|            | 397863.53 | 3815692.44 | 142.20874  | (20111005) | 397851.58 |
| 3815671.69 |           | 144.73592  | (20111005) |            |           |
|            | 397839.63 | 3815650.94 | 140.27829  | (18122006) | 397827.68 |
| 3815630.19 |           | 145.51695  | (18122006) |            |           |
|            | 397815.73 | 3815609.44 | 141.98830  | (18122006) | 397803.79 |
| 3815588.68 |           | 145.53578  | (18041806) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398308.78  | 3815463.71 | 117.52131  | (18041806) | 398296.83 |
| 3815442.95 | 121.50575  | (18041806) |            |           |
| 398284.89  | 3815422.20 | 119.86851  | (18041806) | 398272.94 |
| 3815401.45 | 116.29079  | (19103104) |            |           |
| 398260.99  | 3815380.70 | 118.31844  | (19103104) | 398249.04 |
| 3815359.95 | 114.76763  | (19103104) |            |           |
| 398237.09  | 3815339.20 | 109.53799  | (18120406) | 398742.09 |
| 3815214.22 | 98.96919   | (19103104) |            |           |
| 398730.14  | 3815193.46 | 93.80026   | (19103104) | 398718.19 |
| 3815172.71 | 93.53592   | (18120406) |            |           |
| 398706.25  | 3815151.96 | 92.07276   | (18120406) | 398694.30 |
| 3815131.21 | 87.24030   | (18120406) |            |           |
| 398682.35  | 3815110.46 | 88.93841   | (18021602) | 398670.40 |
| 3815089.71 | 97.29466   | (20122108) |            |           |
| 399175.40  | 3814964.73 | 75.53235   | (18021602) | 399163.45 |
| 3814943.98 | 76.81882   | (18021602) |            |           |
| 399151.50  | 3814923.22 | 83.46336   | (20122108) | 399139.55 |
| 3814902.47 | 88.53937   | (20122108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 579

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399127.61   | 3814881.72  | 91.04230   | (20122108) | 399115.66   |
| 3814860.97  | 90.73085    | (20122108) |            |             |
| 399103.71   | 3814840.22  | 87.61950   | (20122108) | 400330.89   |
| 3814299.43  | 57.95119    | (19122818) |            |             |
| 400318.94   | 3814278.67  | 56.30354   | (20010305) | 400306.99   |
| 3814257.92  | 58.33025    | (20010305) |            |             |
| 400295.04   | 3814237.17  | 59.23773   | (20010305) | 400283.09   |
| 3814216.42  | 58.96891    | (20010305) |            |             |
| 400271.14   | 3814195.67  | 57.53623   | (20010305) | 400259.20   |
| 3814174.92  | 55.02117    | (20010305) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401486.37  | 3813634.12          | 39.92818 | (17101307) | 401474.42 |
| 3813613.37 | 43.12904 (17101307) |          |            |           |
| 401462.48  | 3813592.62          | 45.94359 | (17101307) | 401450.53 |
| 3813571.87 | 48.26633 (17101307) |          |            |           |
| 401438.58  | 3813551.12          | 50.00469 | (17101307) | 401426.63 |
| 3813530.36 | 51.08757 (17101307) |          |            |           |
| 401414.68  | 3813509.61          | 51.46833 | (17101307) | 402641.86 |
| 3812968.82 | 41.64656 (17101307) |          |            |           |
| 402629.91  | 3812948.07          | 41.53884 | (17101307) | 402617.96 |
| 3812927.32 | 41.00575 (17101307) |          |            |           |
| 402606.01  | 3812906.56          | 40.06252 | (17101307) | 402594.07 |
| 3812885.81 | 38.96393 (20110307) |          |            |           |
| 402582.12  | 3812865.06          | 39.76110 | (20110307) | 402570.17 |
| 3812844.31 | 40.15650 (20110307) |          |            |           |
| 403797.35  | 3812303.52          | 33.15690 | (20110307) | 403785.40 |
| 3812282.77 | 33.46361 (20110307) |          |            |           |
| 403773.45  | 3812262.01          | 33.50444 | (20110307) | 403761.50 |
| 3812241.26 | 33.27811 (20110307) |          |            |           |
| 403749.55  | 3812220.51          | 32.78978 | (20110307) | 403737.60 |
| 3812199.76 | 32.05074 (20110307) |          |            |           |
| 403725.66  | 3812179.01          | 31.99500 | (16010202) | 404952.83 |
| 3811638.21 | 27.69869 (20110307) |          |            |           |
| 404940.88  | 3811617.46          | 27.06130 | (20110307) | 404928.94 |
| 3811596.71 | 27.36823 (16010202) |          |            |           |
| 404916.99  | 3811575.96          | 27.80761 | (16010202) | 404905.04 |
| 3811555.21 | 28.07411 (16010202) |          |            |           |
| 404893.09  | 3811534.46          | 28.16251 | (16010202) | 404881.14 |
| 3811513.70 | 28.07090 (16010202) |          |            |           |
| 406108.32  | 3810972.91          | 24.35252 | (16010202) | 406096.37 |
| 3810952.16 | 24.43757 (16010202) |          |            |           |
| 406084.42  | 3810931.41          | 24.39494 | (16010202) | 406072.47 |
| 3810910.66 | 24.22522 (16010202) |          |            |           |
| 406060.53  | 3810889.90          | 23.93086 | (16010202) | 406048.58 |
| 3810869.15 | 24.06854 (19020108) |          |            |           |
| 406036.63  | 3810848.40          | 24.67740 | (19020108) | 395769.99 |
| 3816709.70 | 21.06430 (20052207) |          |            |           |
| 395760.12  | 3816689.38          | 20.46117 | (19040116) | 395750.25 |
| 3816669.05 | 19.73686 (17061419) |          |            |           |
| 395740.38  | 3816648.72          | 19.12826 | (20042102) | 395792.48 |
| 3816698.79 | 19.47891 (19090420) |          |            |           |
| 395782.61  | 3816678.46          | 18.97161 | (17060319) | 395772.74 |
| 3816658.13 | 18.47704 (18090119) |          |            |           |
| 395762.87  | 3816637.80          | 18.36771 | (19021723) | 395814.97 |
| 3816687.87 | 18.45862 (18053103) |          |            |           |
| 395805.10  | 3816667.54          | 18.34562 | (16083123) | 395795.23 |
| 3816647.21 | 18.17569 (18051020) |          |            |           |
| 395785.36  | 3816626.88          | 18.03967 | (18042619) | 395837.46 |
| 3816676.95 | 18.19659 (18071221) |          |            |           |
| 395827.59  | 3816656.62          | 18.11514 | (19052608) | 395817.72 |
| 3816636.29 | 17.98505 (16042523) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395807.85  | 3816615.96 | 17.93568   | (18050717) | 395882.44 |
| 3816655.11 | 17.91580   | (18062122) |            |           |
| 395872.57  | 3816634.78 | 17.85657   | (18041922) | 395862.70 |
| 3816614.45 | 18.18040   | (19060702) |            |           |
| 395852.83  | 3816594.12 | 18.61282   | (19071623) | 395927.41 |
| 3816633.27 | 19.69167   | (18041423) |            |           |
| 395917.54  | 3816612.94 | 21.03425   | (19022805) | 395907.67 |
| 3816592.61 | 24.50418   | (19122922) |            |           |
| 395897.80  | 3816572.28 | 24.77053   | (18022401) | 395972.39 |
| 3816611.43 | 35.56562   | (19113024) |            |           |
| 395962.52  | 3816591.10 | 39.23447   | (18022401) | 395952.65 |
| 3816570.77 | 36.43667   | (16012504) |            |           |
| 395942.78  | 3816550.45 | 34.59525   | (17122802) | 396017.37 |
| 3816589.59 | 53.82698   | (17122221) |            |           |
| 396007.50  | 3816569.26 | 52.91564   | (17122221) | 395997.63 |
| 3816548.94 | 48.79336   | (20122924) |            |           |
| 395987.76  | 3816528.61 | 43.20306   | (18030602) | 396052.48 |
| 3816547.42 | 58.42283   | (20122924) |            |           |
| 396042.61  | 3816527.10 | 52.08732   | (20122602) | 396032.74 |
| 3816506.77 | 36.89985   | (20121906) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 580

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396142.44   | 3816503.75  | 55.95286   | (18021621) | 396132.57   |
| 3816483.42  | 45.97059    | (20122906) |            |             |
| 396122.70   | 3816463.09  | 40.97690   | (16020305) | 396252.13   |
| 3816500.73  | 85.24013    | (19121723) |            |             |
| 396232.39   | 3816460.07  | 70.73159   | (16020305) | 396222.52   |
| 3816439.74  | 39.73432    | (19031020) |            |             |
| 396212.65   | 3816419.41  | 27.44928   | (20011605) | 396322.35   |
| 3816416.39  | 26.14931    | (19021823) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396312.48  | 3816396.06 | 23.47050   | (20011607) | 396302.61 |
| 3816375.74 | 22.73604   | (20121907) |            |           |
| 396432.05  | 3816413.37 | 32.52811   | (20112805) | 396392.57 |
| 3816332.06 | 25.91425   | (18121507) |            |           |
| 396482.53  | 3816288.38 | 34.58816   | (19103024) | 396717.29 |
| 3816199.52 | 117.39183  | (18112603) |            |           |
| 398331.02  | 3815516.47 | 118.64562  | (18122006) | 398321.15 |
| 3815496.14 | 121.29362  | (18122006) |            |           |
| 398780.80  | 3815298.08 | 103.68473  | (18041806) | 398770.93 |
| 3815277.76 | 101.76487  | (18041806) |            |           |
| 398761.06  | 3815257.43 | 98.55251   | (19103104) | 398751.19 |
| 3815237.10 | 100.65300  | (19103104) |            |           |
| 399230.59  | 3815079.70 | 87.05521   | (19103104) | 399220.72 |
| 3815059.37 | 85.03766   | (19103104) |            |           |
| 399210.85  | 3815039.04 | 80.78284   | (19103104) | 399200.98 |
| 3815018.71 | 80.89082   | (18120406) |            |           |
| 399191.11  | 3814998.38 | 80.21295   | (18120406) | 400430.02 |
| 3814497.33 | 56.69515   | (20122108) |            |           |
| 400420.15  | 3814477.00 | 60.49255   | (20122108) | 400410.28 |
| 3814456.67 | 63.41053   | (20122108) |            |           |
| 400400.41  | 3814436.35 | 65.29871   | (20122108) | 400390.54 |
| 3814416.02 | 66.05795   | (20122108) |            |           |
| 400380.67  | 3814395.69 | 65.64471   | (20122108) | 401629.44 |
| 3813914.96 | 49.87398   | (20122108) |            |           |
| 401619.57  | 3813894.63 | 48.38941   | (20122108) | 401609.70 |
| 3813874.31 | 46.37117   | (20122108) |            |           |
| 401599.83  | 3813853.98 | 45.06256   | (19122818) | 401589.96 |
| 3813833.65 | 45.13686   | (19122818) |            |           |
| 401580.09  | 3813813.32 | 44.65308   | (19122818) | 402828.87 |
| 3813332.60 | 36.24306   | (19122818) |            |           |
| 402819.00  | 3813312.27 | 35.61094   | (19122818) | 402809.13 |
| 3813291.94 | 35.29738   | (20010305) |            |           |
| 402799.26  | 3813271.61 | 36.17538   | (20010305) | 402789.39 |
| 3813251.28 | 36.73639   | (20010305) |            |           |
| 402779.52  | 3813230.96 | 36.96485   | (20010305) | 404028.30 |
| 3812750.23 | 30.69445   | (20010305) |            |           |
| 404018.43  | 3812729.90 | 30.83777   | (20010305) | 404008.56 |
| 3812709.57 | 30.76273   | (20010305) |            |           |
| 403998.69  | 3812689.25 | 30.47091   | (20010305) | 403988.82 |
| 3812668.92 | 29.96805   | (20010305) |            |           |
| 403978.95  | 3812648.59 | 29.26460   | (20010305) | 405227.73 |
| 3812167.86 | 25.70804   | (20010305) |            |           |
| 405217.86  | 3812147.53 | 25.22314   | (20010305) | 405207.99 |
| 3812127.21 | 24.60764   | (20010305) |            |           |
| 405198.12  | 3812106.88 | 23.87099   | (20010305) | 405188.25 |
| 3812086.55 | 23.02516   | (20010305) |            |           |
| 405178.38  | 3812066.22 | 23.04420   | (17101307) | 406427.15 |
| 3811585.50 | 20.46902   | (20010305) |            |           |
| 406417.28  | 3811565.17 | 19.77979   | (20010305) | 406407.41 |
| 3811544.84 | 19.96346   | (17101307) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 406397.54  | 3811524.51 | 20.91015   | (17101307) | 406387.67 |
| 3811504.18 | 21.80020   | (17101307) |            |           |
| 406377.80  | 3811483.86 | 22.62243   | (17101307) | 395715.11 |
| 3816625.22 | 18.88538   | (18040210) |            |           |
| 395696.60  | 3816610.24 | 18.98179   | (18040209) | 395678.09 |
| 3816595.25 | 18.85456   | (17031824) |            |           |
| 395659.57  | 3816580.26 | 19.00119   | (19070919) | 395641.06 |
| 3816565.28 | 18.64121   | (18122422) |            |           |
| 395622.55  | 3816550.29 | 18.73310   | (16042915) | 395604.04 |
| 3816535.31 | 18.45171   | (19062418) |            |           |
| 395585.53  | 3816520.32 | 18.48113   | (16032817) | 395567.02 |
| 3816505.33 | 17.99651   | (16030609) |            |           |
| 395548.50  | 3816490.35 | 18.19996   | (18040214) | 395529.99 |
| 3816475.36 | 17.77225   | (17061016) |            |           |
| 395511.48  | 3816460.38 | 17.73199   | (16071001) | 395492.97 |
| 3816445.39 | 17.10146   | (18042824) |            |           |
| 395730.84  | 3816605.79 | 18.15507   | (16071119) | 395712.33 |
| 3816590.81 | 18.18558   | (19090919) |            |           |
| 395693.82  | 3816575.82 | 18.13706   | (17071617) | 395675.30 |
| 3816560.83 | 18.01554   | (18051014) |            |           |
| 395656.79  | 3816545.85 | 17.89635   | (16032718) | 395638.28 |
| 3816530.86 | 17.86626   | (18041620) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 581

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395619.77   | 3816515.88  | 17.82214   | (16070611) | 395601.26   |
| 3816500.89  | 17.67489    | (18072515) |            |             |
| 395582.75   | 3816485.90  | 17.52793   | (20050120) | 395564.24   |
| 3816470.92  | 17.22942    | (16121612) |            |             |
| 395545.72   | 3816455.93  | 16.98910   | (18042824) | 395527.21   |
| 3816440.94  | 16.77340    | (19012111) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816601.35 | 395508.70 | 3816425.96 | 16.52773   | (20051501) | 395765.08 |
|            |           | 17.87358   | (20101818) |            |           |
|            | 395746.57 | 3816586.36 | 17.83628   | (19053013) | 395728.06 |
| 3816571.38 |           | 17.70589   | (18061816) |            |           |
|            | 395709.55 | 3816556.39 | 17.65075   | (19070118) | 395691.03 |
| 3816541.40 |           | 17.63835   | (16081718) |            |           |
|            | 395672.52 | 3816526.42 | 17.57830   | (17091215) | 395654.01 |
| 3816511.43 |           | 17.51237   | (18102815) |            |           |
|            | 395635.50 | 3816496.44 | 17.43343   | (16082416) | 395616.99 |
| 3816481.46 |           | 17.35244   | (20031623) |            |           |
|            | 395598.48 | 3816466.47 | 17.21012   | (20032617) | 395579.97 |
| 3816451.49 |           | 16.98800   | (19093021) |            |           |
|            | 395561.45 | 3816436.50 | 16.69427   | (20040201) | 395542.94 |
| 3816421.51 |           | 16.34727   | (16052007) |            |           |
|            | 395524.43 | 3816406.53 | 16.37062   | (17061221) | 395780.81 |
| 3816581.92 |           | 17.61860   | (18062119) |            |           |
|            | 395762.30 | 3816566.93 | 17.49177   | (19052005) | 395743.79 |
| 3816551.94 |           | 17.41365   | (16042820) |            |           |
|            | 395725.28 | 3816536.96 | 17.31421   | (16061119) | 395706.77 |
| 3816521.97 |           | 17.19295   | (19022613) |            |           |
|            | 395688.25 | 3816506.99 | 17.05757   | (18061818) | 395669.74 |
| 3816492.00 |           | 16.95953   | (19081103) |            |           |
|            | 395651.23 | 3816477.01 | 16.86416   | (16032901) | 395632.72 |
| 3816462.03 |           | 16.78138   | (20031820) |            |           |
|            | 395614.21 | 3816447.04 | 16.70186   | (17042621) | 395595.70 |
| 3816432.06 |           | 16.59052   | (20050201) |            |           |
|            | 395577.18 | 3816417.07 | 16.39991   | (20051504) | 395558.67 |
| 3816402.08 |           | 16.30660   | (17102020) |            |           |
|            | 395540.16 | 3816387.10 | 16.39932   | (19101918) | 395825.79 |
| 3816560.08 |           | 18.73247   | (17052919) |            |           |
|            | 395793.76 | 3816528.07 | 17.97761   | (16121215) | 395775.25 |
| 3816513.08 |           | 17.66608   | (19071119) |            |           |
|            | 395756.74 | 3816498.10 | 17.42401   | (19042120) | 395738.23 |
| 3816483.11 |           | 17.21112   | (18061817) |            |           |
|            | 395719.71 | 3816468.12 | 17.00045   | (20011622) | 395701.20 |
| 3816453.14 |           | 16.79902   | (18032524) |            |           |
|            | 395682.69 | 3816438.15 | 16.48435   | (18011912) | 395664.18 |
| 3816423.17 |           | 16.21842   | (20011705) |            |           |
|            | 395645.67 | 3816408.18 | 16.24089   | (16100303) | 395627.16 |
| 3816393.19 |           | 16.27559   | (19121514) |            |           |
|            | 395608.65 | 3816378.21 | 16.25833   | (19051720) | 395590.13 |
| 3816363.22 |           | 16.30391   | (20010819) |            |           |
|            | 395571.62 | 3816348.24 | 16.46360   | (19051721) | 395857.25 |
| 3816521.22 |           | 21.68255   | (20121104) |            |           |
|            | 395825.22 | 3816489.21 | 20.88640   | (17022323) | 395806.71 |
| 3816474.22 |           | 20.32716   | (17051722) |            |           |
|            | 395788.20 | 3816459.24 | 20.02228   | (18040105) | 395769.69 |
| 3816444.25 |           | 19.70083   | (16102216) |            |           |
|            | 395751.18 | 3816429.26 | 19.60184   | (20121024) | 395732.66 |
| 3816414.28 |           | 19.49784   | (18121208) |            |           |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816384.30 | 395714.15 | 3816399.29 | 19.36748   | (18090819) | 395695.64 |
| 3816354.33 | 395677.13 | 3816369.32 | 18.74333   | (18040121) | 395658.62 |
| 3816324.36 | 395640.11 | 3816339.35 | 17.51451   | (17021010) | 395621.59 |
| 3816482.35 | 395603.08 | 3816309.37 | 17.55165   | (16112317) | 395888.71 |
| 3816450.35 | 395915.75 | 3816516.40 | 32.40298   | (19112808) | 395856.68 |
| 3816420.37 | 395838.17 | 3816435.36 | 25.12723   | (20011104) | 395819.66 |
| 3816390.40 | 395801.15 | 3816405.39 | 23.63299   | (18113020) | 395782.64 |
| 3816360.43 | 395764.12 | 3816375.42 | 24.02212   | (20012208) | 395745.61 |
| 3816330.46 | 395727.10 | 3816345.44 | 23.52094   | (19020604) | 395708.59 |
| 3816300.48 | 395690.08 | 3816315.47 | 21.75908   | (20020906) | 395671.57 |
| 3816270.51 | 395653.06 | 3816285.50 | 19.93916   | (17022201) | 395634.54 |
|            | 395920.17 | 3816443.49 | 33.77956   | (18012623) | 395947.21 |
|            |           | 36.42709   | (20110823) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 582

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 3816396.50  | 395888.14   | 3816411.48 | 31.37059   | (19122505)  |
| 3816366.53  | 29.98303    | (19122703) |            | 395869.63   |
|             | 395851.12   | 3816381.51 | 27.76248   | (20031101)  |
|             | 25.75346    | (19041105) |            | 395832.61   |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395814.10  | 3816351.54          | 23.65307 | (19021901) | 395795.58 |
| 3816336.55 | 23.17971 (20051522) |          |            |           |
| 395777.07  | 3816321.57          | 22.62314 | (16123020) | 395758.56 |
| 3816306.58 | 22.12546 (18021418) |          |            |           |
| 395740.05  | 3816291.59          | 21.39749 | (18120209) | 395721.54 |
| 3816276.61 | 20.94207 (19021720) |          |            |           |
| 395703.03  | 3816261.62          | 21.42263 | (19052210) | 395684.52 |
| 3816246.64 | 22.25960 (19021611) |          |            |           |
| 395666.00  | 3816231.65          | 23.66483 | (16112319) | 395951.63 |
| 3816404.63 | 21.13864 (19122703) |          |            |           |
| 395978.67  | 3816438.68          | 21.60630 | (16012422) | 396005.70 |
| 3816472.72 | 26.35028 (19122423) |          |            |           |
| 395919.60  | 3816372.62          | 25.87915 | (18022003) | 395901.09 |
| 3816357.64 | 28.52370 (19021901) |          |            |           |
| 395882.58  | 3816342.65          | 28.18968 | (19021901) | 395864.07 |
| 3816327.66 | 25.80766 (20121604) |          |            |           |
| 395845.56  | 3816312.68          | 23.84599 | (20121604) | 395827.05 |
| 3816297.69 | 22.03435 (20030706) |          |            |           |
| 395808.53  | 3816282.71          | 21.55932 | (16022119) | 395790.02 |
| 3816267.72 | 20.26381 (20112602) |          |            |           |
| 395771.51  | 3816252.73          | 19.67625 | (17030604) | 395753.00 |
| 3816237.75 | 19.10189 (18040619) |          |            |           |
| 395734.49  | 3816222.76          | 18.83876 | (19021619) | 395715.98 |
| 3816207.77 | 18.63777 (17062417) |          |            |           |
| 395697.46  | 3816192.79          | 18.09888 | (19102020) | 396014.55 |
| 3816326.91 | 16.56600 (20082320) |          |            |           |
| 396041.59  | 3816360.95          | 18.09009 | (18022003) | 396068.63 |
| 3816395.00 | 27.87649 (19122703) |          |            |           |
| 396095.66  | 3816429.05          | 35.79890 | (20011605) | 395982.52 |
| 3816294.90 | 16.44185 (20111407) |          |            |           |
| 395964.01  | 3816279.91          | 16.51601 | (16042605) | 395945.50 |
| 3816264.93 | 16.59983 (16101806) |          |            |           |
| 395926.99  | 3816249.94          | 16.64959 | (20032908) | 395908.48 |
| 3816234.95 | 16.75156 (17042219) |          |            |           |
| 395889.97  | 3816219.97          | 16.79566 | (16112309) | 395871.46 |
| 3816204.98 | 16.84838 (17010503) |          |            |           |
| 395852.94  | 3816190.00          | 16.90605 | (17022801) | 395834.43 |
| 3816175.01 | 16.96653 (19101816) |          |            |           |
| 395815.92  | 3816160.02          | 17.05493 | (16010718) | 395797.41 |
| 3816145.04 | 17.20404 (17032206) |          |            |           |
| 395778.90  | 3816130.05          | 17.33928 | (16102218) | 395760.39 |
| 3816115.07 | 17.41636 (20050520) |          |            |           |
| 396077.48  | 3816249.19          | 16.21092 | (19071221) | 396104.51 |
| 3816283.23 | 16.12740 (20121604) |          |            |           |
| 396131.55  | 3816317.28          | 16.88187 | (20020501) | 396158.58 |
| 3816351.32 | 17.88301 (18022003) |          |            |           |
| 396185.62  | 3816385.37          | 19.86976 | (20121907) | 396045.45 |
| 3816217.18 | 16.27344 (16030902) |          |            |           |
| 396026.93  | 3816202.19          | 16.28636 | (19091903) | 396008.42 |
| 3816187.20 | 16.27340 (17101124) |          |            |           |

|                                                                          |           |            |            |            |           |
|--------------------------------------------------------------------------|-----------|------------|------------|------------|-----------|
| 3816157.23                                                               | 395989.91 | 3816172.22 | 16.28427   | (18041707) | 395971.40 |
|                                                                          |           | 16.35442   | (18092905) |            |           |
|                                                                          | 395952.89 | 3816142.25 | 16.62381   | (18041021) | 395934.38 |
| 3816127.26                                                               |           | 16.91821   | (19041102) |            |           |
|                                                                          | 395915.87 | 3816112.27 | 17.21781   | (17032122) | 395897.35 |
| 3816097.29                                                               |           | 17.49858   | (19011414) |            |           |
|                                                                          | 395878.84 | 3816082.30 | 17.75462   | (19032921) | 395860.33 |
| 3816067.31                                                               |           | 17.95887   | (19030205) |            |           |
|                                                                          | 395841.82 | 3816052.33 | 18.05204   | (18031520) | 395823.31 |
| 3816037.34                                                               |           | 18.02617   | (16042307) |            |           |
|                                                                          | 396141.52 | 3816172.88 | 17.97392   | (19021806) | 396156.17 |
| 3816191.32                                                               |           | 17.62683   | (19121724) |            |           |
|                                                                          | 396170.81 | 3816209.76 | 17.78072   | (20120602) | 396185.46 |
| 3816228.20                                                               |           | 17.96058   | (18010106) |            |           |
|                                                                          | 396200.10 | 3816246.65 | 18.72185   | (16121924) | 396214.75 |
| 3816265.09                                                               |           | 19.37625   | (16121924) |            |           |
|                                                                          | 396229.39 | 3816283.53 | 19.86224   | (20010102) | 396244.03 |
| 3816301.97                                                               |           | 20.95498   | (20120407) |            |           |
|                                                                          | 396258.68 | 3816320.41 | 20.98766   | (20010606) | 396273.32 |
| 3816338.85                                                               |           | 21.43956   | (17121304) |            |           |
|                                                                          | 396287.97 | 3816357.29 | 21.94138   | (20121907) | 396126.88 |
| 3816154.44                                                               |           | 18.34904   | (19021902) |            |           |
|                                                                          | 396108.37 | 3816139.45 | 17.99045   | (19010824) | 396089.86 |
| 3816124.47                                                               |           | 18.27629   | (17022407) |            |           |
|                                                                          | 396071.34 | 3816109.48 | 18.74442   | (17121801) | 396052.83 |
| 3816094.49                                                               |           | 18.87685   | (17121801) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |           |            |            |            |           |
| Study *** 02/10/26                                                       |           |            |            |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |           |            |            |            |           |
| *** 17:54:19                                                             |           |            |            |            |           |

PAGE 583

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396034.32   | 3816079.51  | 19.10903   | (20020424) | 396015.81   |
| 3816064.52  | 19.30084    | (20020424) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816034.55 | 395997.30 | 3816049.54 | 19.29032   | (17111823) | 395978.79 |
|            |           | 19.34413   | (18021207) |            |           |
| 3816004.58 | 395960.28 | 3816019.56 | 19.78183   | (17111822) | 395941.76 |
|            |           | 20.33937   | (20011707) |            |           |
| 3815974.61 | 395923.25 | 3815989.59 | 21.76992   | (17112804) | 395904.74 |
|            |           | 25.21667   | (17112804) |            |           |
| 3816094.95 | 395886.23 | 3815959.62 | 30.69578   | (19122607) | 396204.28 |
|            |           | 29.14686   | (20010107) |            |           |
| 3816131.43 | 396218.77 | 3816113.19 | 27.73667   | (18123007) | 396233.25 |
|            |           | 25.62436   | (19010306) |            |           |
| 3816167.91 | 396247.73 | 3816149.67 | 23.53405   | (17121202) | 396262.22 |
|            |           | 21.93959   | (16011206) |            |           |
| 3816204.39 | 396276.70 | 3816186.15 | 21.66370   | (19121801) | 396291.18 |
|            |           | 22.18979   | (19121801) |            |           |
| 3816240.86 | 396305.67 | 3816222.63 | 22.64237   | (19122624) | 396320.15 |
|            |           | 23.39206   | (19121606) |            |           |
| 3816277.34 | 396334.63 | 3816259.10 | 23.65125   | (17012904) | 396349.12 |
|            |           | 24.31188   | (20120407) |            |           |
| 3816313.82 | 396363.60 | 3816295.58 | 25.06240   | (20120407) | 396378.08 |
|            |           | 25.41001   | (20010606) |            |           |
| 3816061.73 | 396189.80 | 3816076.72 | 33.70558   | (17120706) | 396171.29 |
|            |           | 42.60183   | (17120706) |            |           |
| 3816031.76 | 396152.78 | 3816046.74 | 42.51356   | (17122224) | 396134.27 |
|            |           | 38.48808   | (17122224) |            |           |
| 3816001.79 | 396115.75 | 3816016.77 | 31.86823   | (17012608) | 396097.24 |
|            |           | 32.48127   | (16011304) |            |           |
| 3815971.81 | 396078.73 | 3815986.80 | 35.12387   | (18121424) | 396060.22 |
|            |           | 35.50022   | (16122003) |            |           |
| 3815941.84 | 396041.71 | 3815956.83 | 29.96749   | (20011902) | 396023.20 |
|            |           | 30.65973   | (16020224) |            |           |
| 3815911.87 | 396004.69 | 3815926.85 | 32.94912   | (16020504) | 395986.17 |
|            |           | 37.50099   | (16112923) |            |           |
| 3815881.90 | 395967.66 | 3815896.88 | 52.13247   | (20022101) | 395949.15 |
|            |           | 84.07527   | (17113006) |            |           |
| 3816035.17 | 396267.08 | 3816017.08 | 105.99908  | (18030607) | 396281.45 |
|            |           | 101.00583  | (17112805) |            |           |
| 3816071.34 | 396295.81 | 3816053.25 | 120.84942  | (17112805) | 396310.17 |
|            |           | 117.91068  | (20010107) |            |           |
| 3816107.51 | 396324.54 | 3816089.43 | 94.47811   | (18010307) | 396338.90 |
|            |           | 82.29221   | (19012406) |            |           |
| 3816143.69 | 396353.26 | 3816125.60 | 67.22484   | (16121923) | 396367.62 |
|            |           | 43.99062   | (16113003) |            |           |
| 3816179.86 | 396381.99 | 3816161.77 | 32.01577   | (16113003) | 396396.35 |
|            |           | 28.11983   | (19110204) |            |           |
| 3816216.03 | 396410.71 | 3816197.95 | 27.60081   | (17121424) | 396425.07 |
|            |           | 28.47612   | (19012521) |            |           |
| 3816252.21 | 396439.44 | 3816234.12 | 30.74517   | (19012521) | 396453.80 |
|            |           | 33.30886   | (16122702) |            |           |
| 3815998.99 | 396468.16 | 3816270.29 | 33.26730   | (19103024) | 396252.72 |
|            |           | 134.48759  | (19021207) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396234.21  | 3815984.01 | 117.89851  | (18011322) | 396215.70 |
| 3815969.02 | 90.66954   | (16021107) |            |           |
| 396197.19  | 3815954.03 | 87.54395   | (16021107) | 396178.68 |
| 3815939.05 | 111.16973  | (18121424) |            |           |
| 396160.16  | 3815924.06 | 134.98694  | (16122003) | 396141.65 |
| 3815909.08 | 125.56528  | (17010705) |            |           |
| 396123.14  | 3815894.09 | 103.64285  | (16020702) | 396104.63 |
| 3815879.10 | 81.54353   | (16020504) |            |           |
| 396086.12  | 3815864.12 | 64.45361   | (16112923) | 396067.61 |
| 3815849.13 | 57.17653   | (20022101) |            |           |
| 396049.09  | 3815834.15 | 63.59058   | (17113006) | 396030.58 |
| 3815819.16 | 80.63928   | (16020324) |            |           |
| 396012.07  | 3815804.17 | 114.92198  | (20020502) | 396424.19 |
| 3815822.52 | 261.01995  | (19122818) |            |           |
| 396438.35  | 3815840.35 | 282.79398  | (20122108) | 396452.51 |
| 3815858.19 | 281.15620  | (20122108) |            |           |
| 396466.67  | 3815876.02 | 246.97902  | (18021602) | 396480.83 |
| 3815893.85 | 257.06040  | (18120406) |            |           |
| 396494.99  | 3815911.69 | 267.50436  | (19103104) | 396509.16 |
| 3815929.52 | 269.99345  | (19103104) |            |           |
| 396523.32  | 3815947.35 | 278.29026  | (18041806) | 396537.48 |
| 3815965.19 | 273.62083  | (18122006) |            |           |
| 396551.64  | 3815983.02 | 269.40505  | (18122006) | 396565.80 |
| 3816000.85 | 274.38408  | (20111005) |            |           |
| 396579.96  | 3816018.69 | 254.00900  | (19112403) | 396594.13 |
| 3816036.52 | 258.60687  | (16122724) |            |           |
| 396608.29  | 3816054.35 | 267.62332  | (16122724) | 396622.45 |
| 3816072.19 | 204.26979  | (16120402) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 584

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396636.61  | 3816090.02 | 156.45981  | (19020802) | 396664.93 |
| 3816125.69 | 118.13291  | (16122707) |            |           |
| 396693.26  | 3816161.35 | 110.09841  | (16011308) | 396410.03 |
| 3815804.68 | 264.65673  | (20010305) |            |           |
| 396391.51  | 3815789.70 | 253.74432  | (20010305) | 396373.00 |
| 3815774.71 | 277.20551  | (17101307) |            |           |
| 396354.49  | 3815759.73 | 296.37630  | (17101307) | 396335.98 |
| 3815744.74 | 288.65596  | (20110307) |            |           |
| 396317.47  | 3815729.75 | 284.64993  | (16010202) | 396298.96 |
| 3815714.77 | 290.22439  | (19020108) |            |           |
| 396280.44  | 3815699.78 | 305.52484  | (19020108) | 396261.93 |
| 3815684.80 | 309.06250  | (18011405) |            |           |
| 396243.42  | 3815669.81 | 284.26154  | (18011405) | 396224.91 |
| 3815654.82 | 260.78047  | (17092506) |            |           |
| 396206.40  | 3815639.84 | 249.04305  | (16100607) | 396187.89 |
| 3815624.85 | 260.28497  | (16100607) |            |           |
| 396169.38  | 3815609.86 | 259.99425  | (18020303) | 396581.93 |
| 3815628.76 | 245.34925  | (20110307) |            |           |
| 396596.53  | 3815647.15 | 251.31694  | (17101307) | 396611.13 |
| 3815665.53 | 243.82831  | (17101307) |            |           |
| 396625.73  | 3815683.92 | 206.14719  | (20010305) | 396640.33 |
| 3815702.30 | 226.62643  | (20010305) |            |           |
| 396654.92  | 3815720.68 | 217.46687  | (20010305) | 396669.52 |
| 3815739.07 | 226.17838  | (20122108) |            |           |
| 396684.12  | 3815757.45 | 246.85820  | (20122108) | 396698.72 |
| 3815775.84 | 236.41809  | (20122108) |            |           |
| 396713.32  | 3815794.22 | 210.11378  | (18021602) | 396727.92 |
| 3815812.61 | 219.90242  | (18120406) |            |           |
| 396742.52  | 3815830.99 | 226.74008  | (19103104) | 396757.12 |
| 3815849.38 | 233.98919  | (19103104) |            |           |
| 396771.72  | 3815867.76 | 237.63766  | (18041806) | 396786.32 |
| 3815886.15 | 232.93271  | (18041806) |            |           |
| 396844.71  | 3815959.69 | 218.42412  | (19112403) | 396873.91 |
| 3815996.45 | 230.93440  | (16122724) |            |           |
| 396888.51  | 3816014.84 | 225.03960  | (16120402) | 396903.11 |
| 3816033.22 | 226.43100  | (16120402) |            |           |
| 396917.71  | 3816051.61 | 224.95408  | (19010221) | 396567.33 |
| 3815610.38 | 239.45224  | (16010202) |            |           |
| 396548.82  | 3815595.39 | 243.65610  | (16010202) | 396530.31 |
| 3815580.40 | 259.17241  | (19020108) |            |           |
| 396511.79  | 3815565.42 | 255.41919  | (18011405) | 396493.28 |
| 3815550.43 | 258.68660  | (18011405) |            |           |
| 396474.77  | 3815535.45 | 230.33655  | (17092506) | 396456.26 |
| 3815520.46 | 215.94680  | (17092506) |            |           |
| 396437.75  | 3815505.47 | 251.11991  | (16100607) | 396419.24 |
| 3815490.49 | 265.20593  | (16100607) |            |           |
| 396400.73  | 3815475.50 | 246.25426  | (19091206) | 396382.21 |
| 3815460.52 | 263.32501  | (16021701) |            |           |
| 396363.70  | 3815445.53 | 268.87734  | (16021701) | 396345.19 |
| 3815430.54 | 273.67217  | (19120705) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396326.68  | 3815415.56 | 261.91402  | (18111202) | 396739.05 |
| 3815434.23 | 225.07940  | (18011405) |            |           |
| 396753.47  | 3815452.38 | 221.84169  | (19020108) | 396767.89 |
| 3815470.54 | 220.84026  | (19020108) |            |           |
| 396782.31  | 3815488.70 | 213.22016  | (16010202) | 396796.73 |
| 3815506.86 | 208.05052  | (20110307) |            |           |
| 396811.15  | 3815525.01 | 213.12561  | (20110307) | 396825.57 |
| 3815543.17 | 218.73155  | (17101307) |            |           |
| 396839.98  | 3815561.33 | 215.55487  | (17101307) | 396854.40 |
| 3815579.49 | 190.64527  | (17101307) |            |           |
| 396868.82  | 3815597.65 | 192.23381  | (20010305) | 396883.24 |
| 3815615.80 | 196.49318  | (20010305) |            |           |
| 396897.66  | 3815633.96 | 192.70916  | (19122818) | 396912.08 |
| 3815652.12 | 202.17872  | (20122108) |            |           |
| 396926.50  | 3815670.28 | 215.36458  | (20122108) | 396940.92 |
| 3815688.43 | 207.26987  | (20122108) |            |           |
| 396998.59  | 3815761.07 | 202.90488  | (19103104) | 397027.43 |
| 3815797.38 | 208.11615  | (18041806) |            |           |
| 397041.85  | 3815815.54 | 202.40456  | (18041806) | 397056.27 |
| 3815833.70 | 200.86477  | (18122006) |            |           |
| 397070.69  | 3815851.85 | 177.72680  | (20111005) | 397085.11 |
| 3815870.01 | 180.41570  | (20111005) |            |           |
| 397099.53  | 3815888.17 | 169.05908  | (20111005) | 397113.95 |
| 3815906.33 | 167.21977  | (19112403) |            |           |
| 397128.37  | 3815924.48 | 164.95498  | (16122724) | 397142.78 |
| 3815942.64 | 165.15084  | (16122724) |            |           |
| 396724.63  | 3815416.07 | 216.17695  | (18011405) | 396706.12 |
| 3815401.08 | 196.73752  | (17092506) |            |           |
| 396687.61  | 3815386.10 | 182.24973  | (17092506) | 396669.10 |
| 3815371.11 | 214.12953  | (16100607) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 585

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| -----      |           |            |           |            |           |
|            | 396650.59 | 3815356.12 | 228.14061 | (16100607) | 396632.07 |
| 3815341.14 | 216.79021 | (16100607) |           |            |           |
|            | 396613.56 | 3815326.15 | 213.44749 | (16021701) | 396595.05 |
| 3815311.17 | 232.74052 | (16021701) |           |            |           |
|            | 396576.54 | 3815296.18 | 226.51295 | (19120705) | 396558.03 |
| 3815281.19 | 234.58218 | (19120705) |           |            |           |
|            | 396539.52 | 3815266.21 | 225.09341 | (18111202) | 396521.01 |
| 3815251.22 | 220.37316 | (18111202) |           |            |           |
|            | 396502.49 | 3815236.23 | 210.78674 | (16010301) | 396483.98 |
| 3815221.25 | 194.19860 | (16010301) |           |            |           |
|            | 396896.65 | 3815240.29 | 184.86646 | (16100607) | 396911.36 |
| 3815258.81 | 159.44122 | (17092506) |           |            |           |
|            | 396926.07 | 3815277.34 | 172.25419 | (17092506) | 396940.78 |
| 3815295.86 | 188.55469 | (18011405) |           |            |           |
|            | 396955.49 | 3815314.38 | 198.66497 | (18011405) | 396970.20 |
| 3815332.91 | 191.92222 | (19020108) |           |            |           |
|            | 396984.91 | 3815351.43 | 197.52325 | (19020108) | 396999.62 |
| 3815369.96 | 184.83983 | (16010202) |           |            |           |
|            | 397014.33 | 3815388.48 | 186.14983 | (16010202) | 397029.04 |
| 3815407.01 | 187.49112 | (20110307) |           |            |           |
|            | 397043.75 | 3815425.53 | 185.13028 | (20110307) | 397058.46 |
| 3815444.06 | 194.02865 | (17101307) |           |            |           |
|            | 397073.17 | 3815462.58 | 188.22431 | (17101307) | 397087.88 |
| 3815481.11 | 166.55442 | (17101307) |           |            |           |
|            | 397102.59 | 3815499.63 | 168.20839 | (20010305) | 397161.44 |
| 3815573.73 | 187.24701 | (20122108) |           |            |           |
|            | 397176.15 | 3815592.26 | 188.46592 | (20122108) | 397190.86 |
| 3815610.78 | 174.13411 | (20122108) |           |            |           |
|            | 397205.57 | 3815629.31 | 159.36608 | (18021602) | 397220.28 |
| 3815647.83 | 167.34223 | (18120406) |           |            |           |
|            | 397234.99 | 3815666.36 | 167.03591 | (19103104) | 397249.70 |
| 3815684.88 | 178.98060 | (19103104) |           |            |           |
|            | 397264.41 | 3815703.41 | 176.87829 | (19103104) | 397279.12 |
| 3815721.93 | 182.90872 | (18041806) |           |            |           |
|            | 397293.83 | 3815740.46 | 180.50336 | (18041806) | 397308.54 |
| 3815758.98 | 181.51475 | (18122006) |           |            |           |
|            | 397323.25 | 3815777.51 | 179.27327 | (18122006) | 397337.96 |
| 3815796.03 | 180.00548 | (20111005) |           |            |           |
|            | 397352.67 | 3815814.56 | 178.32418 | (20111005) | 396881.94 |
| 3815221.76 | 198.44486 | (16100607) |           |            |           |
|            | 396863.42 | 3815206.77 | 193.73146 | (16100607) | 396844.91 |
| 3815191.79 | 184.74608 | (19091206) |           |            |           |
|            | 396826.40 | 3815176.80 | 197.17200 | (16021701) | 396807.89 |
| 3815161.82 | 203.34560 | (16021701) |           |            |           |
|            | 396789.38 | 3815146.83 | 201.81973 | (19120705) | 396770.87 |
| 3815131.84 | 203.43311 | (19120705) |           |            |           |
|            | 396752.36 | 3815116.86 | 196.34325 | (18111202) | 396733.84 |
| 3815101.87 | 192.88055 | (18111202) |           |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396715.33  | 3815086.89 | 183.52858  | (16010301) | 396696.82 |
| 3815071.90 | 175.20828  | (16010301) |            |           |
| 396678.31  | 3815056.91 | 185.94373  | (16102601) | 396659.80 |
| 3815041.93 | 205.35887  | (16102601) |            |           |
| 396641.29  | 3815026.94 | 204.22384  | (16102601) | 397211.32 |
| 3814851.75 | 161.30497  | (19120705) |            |           |
| 397226.09  | 3814870.36 | 156.32398  | (16021701) | 397240.87 |
| 3814888.96 | 160.96266  | (16021701) |            |           |
| 397255.64  | 3814907.57 | 154.03455  | (16021701) | 397270.42 |
| 3814926.18 | 146.38052  | (19091206) |            |           |
| 397285.19  | 3814944.78 | 152.47675  | (16100607) | 397299.97 |
| 3814963.39 | 158.74929  | (16100607) |            |           |
| 397314.75  | 3814982.00 | 153.74325  | (16100607) | 397329.52 |
| 3815000.60 | 138.57219  | (16100607) |            |           |
| 397344.30  | 3815019.21 | 130.02922  | (17092506) | 397359.07 |
| 3815037.81 | 137.17670  | (17092506) |            |           |
| 397373.85  | 3815056.42 | 148.51881  | (18011405) | 397388.62 |
| 3815075.03 | 157.88575  | (18011405) |            |           |
| 397403.40  | 3815093.63 | 156.42821  | (18011405) | 397462.50 |
| 3815168.06 | 148.97177  | (16010202) |            |           |
| 397492.05  | 3815205.27 | 150.39688  | (20110307) | 397506.82 |
| 3815223.88 | 150.30563  | (17101307) |            |           |
| 397521.60  | 3815242.48 | 155.19751  | (17101307) | 397536.38 |
| 3815261.09 | 149.95368  | (17101307) |            |           |
| 397551.15  | 3815279.70 | 135.67787  | (17101307) | 397565.93 |
| 3815298.30 | 129.63936  | (20010305) |            |           |
| 397580.70  | 3815316.91 | 137.37179  | (20010305) | 397595.48 |
| 3815335.52 | 136.48049  | (20010305) |            |           |
| 397610.25  | 3815354.12 | 134.18013  | (19122818) | 397625.03 |
| 3815372.73 | 135.37739  | (19122818) |            |           |
| 397639.80  | 3815391.34 | 147.75777  | (20122108) | 397654.58 |
| 3815409.94 | 151.53541  | (20122108) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 586

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 397669.35   | 3815428.55  | 146.14461  | (20122108) | 397684.13   |
| 3815447.15  | 132.66638   | (20122108) |            |             |
| 397698.90   | 3815465.76  | 125.62130  | (18021602) | 397713.68   |
| 3815484.37  | 132.91214   | (18120406) |            |             |
| 397728.45   | 3815502.97  | 133.11938  | (18120406) | 397743.23   |
| 3815521.58  | 140.18107   | (19103104) |            |             |
| 397758.00   | 3815540.19  | 143.27544  | (19103104) | 397772.78   |
| 3815558.79  | 140.19529   | (18041806) |            |             |
| 397196.54   | 3814833.14  | 157.41527  | (19120705) | 397178.03   |
| 3814818.16  | 154.16075   | (18111202) |            |             |
| 397159.52   | 3814803.17  | 152.11719  | (18111202) | 397141.01   |
| 3814788.19  | 142.62104   | (16010301) |            |             |
| 397122.50   | 3814773.20  | 141.87925  | (16010301) | 397103.99   |
| 3814758.21  | 131.45622   | (16010301) |            |             |
| 397085.47   | 3814743.23  | 148.64237  | (16102601) | 397066.96   |
| 3814728.24  | 161.03349   | (16102601) |            |             |
| 397048.45   | 3814713.26  | 162.25806  | (16102601) | 397029.94   |
| 3814698.27  | 151.94337   | (16102601) |            |             |
| 397011.43   | 3814683.28  | 148.62357  | (18013107) | 396992.92   |
| 3814668.30  | 158.07345   | (19112205) |            |             |
| 396974.40   | 3814653.31  | 160.65471  | (19112205) | 396955.89   |
| 3814638.32  | 151.44257   | (19112205) |            |             |
| 397525.69   | 3814462.84  | 113.02749  | (16010301) | 397540.23   |
| 3814481.14  | 117.37263   | (16010301) |            |             |
| 397554.76   | 3814499.45  | 118.33206  | (18111202) | 397569.30   |
| 3814517.76  | 125.92856   | (18111202) |            |             |
| 397583.84   | 3814536.07  | 126.98948  | (18111202) | 397598.38   |
| 3814554.37  | 129.19450   | (19120705) |            |             |
| 397612.92   | 3814572.68  | 133.54135  | (19120705) | 397627.45   |
| 3814590.99  | 130.84242   | (19120705) |            |             |
| 397641.99   | 3814609.30  | 132.02579  | (16021701) | 397656.53   |
| 3814627.60  | 132.63410   | (16021701) |            |             |
| 397671.07   | 3814645.91  | 126.35331  | (16021701) | 397685.61   |
| 3814664.22  | 120.92338   | (19091206) |            |             |
| 397700.14   | 3814682.53  | 123.32584  | (16100607) | 397714.68   |
| 3814700.83  | 130.32408   | (16100607) |            |             |
| 397743.76   | 3814737.45  | 124.32259  | (16100607) | 397772.83   |
| 3814774.07  | 106.58155   | (17092506) |            |             |
| 397787.37   | 3814792.37  | 112.56750  | (17092506) | 397801.91   |
| 3814810.68  | 117.47732   | (18011405) |            |             |
| 397816.45   | 3814828.99  | 127.40246  | (18011405) | 397830.99   |
| 3814847.30  | 131.25277   | (18011405) |            |             |
| 397845.53   | 3814865.60  | 128.50045  | (18011405) | 397860.06   |
| 3814883.91  | 129.48684   | (19020108) |            |             |
| 397874.60   | 3814902.22  | 130.30468  | (19020108) | 397889.14   |
| 3814920.53  | 124.70828   | (19020108) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397903.68  | 3814938.83 | 123.58345  | (16010202) | 397918.22 |
| 3814957.14 | 121.66436  | (16010202) |            |           |
| 397932.75  | 3814975.45 | 122.85727  | (20110307) | 397947.29 |
| 3814993.76 | 124.45580  | (20110307) |            |           |
| 397961.83  | 3815012.06 | 122.85175  | (17101307) | 397976.37 |
| 3815030.37 | 128.09969  | (17101307) |            |           |
| 397990.91  | 3815048.68 | 127.26929  | (17101307) | 398005.44 |
| 3815066.99 | 120.53379  | (17101307) |            |           |
| 398019.98  | 3815085.29 | 108.86937  | (17101307) | 398034.52 |
| 3815103.60 | 107.14066  | (20010305) |            |           |
| 398049.06  | 3815121.91 | 112.99869  | (20010305) | 398063.60 |
| 3815140.22 | 113.72786  | (20010305) |            |           |
| 398078.13  | 3815158.52 | 109.28524  | (20010305) | 398092.67 |
| 3815176.83 | 112.06385  | (19122818) |            |           |
| 398107.21  | 3815195.14 | 114.49347  | (20122108) | 398121.75 |
| 3815213.45 | 122.61795  | (20122108) |            |           |
| 398136.29  | 3815231.76 | 125.51902  | (20122108) | 398150.82 |
| 3815250.06 | 122.88055  | (20122108) |            |           |
| 398165.36  | 3815268.37 | 115.10278  | (20122108) | 398179.90 |
| 3815286.68 | 105.59156  | (18021602) |            |           |
| 398194.44  | 3815304.99 | 105.31056  | (18120406) | 398208.98 |
| 3815323.29 | 110.07687  | (18120406) |            |           |
| 397511.15  | 3814444.53 | 108.91912  | (16102601) | 397492.64 |
| 3814429.54 | 122.82743  | (16102601) |            |           |
| 397474.13  | 3814414.56 | 131.37063  | (16102601) | 397455.62 |
| 3814399.57 | 133.20710  | (16102601) |            |           |
| 397437.10  | 3814384.58 | 127.98477  | (16102601) | 397418.59 |
| 3814369.60 | 121.52480  | (18013107) |            |           |
| 397400.08  | 3814354.61 | 122.23103  | (19112205) | 397381.57 |
| 3814339.63 | 130.11380  | (19112205) |            |           |
| 397363.06  | 3814324.64 | 131.09480  | (19112205) | 397344.55 |
| 3814309.65 | 124.96140  | (19112205) |            |           |
| 397326.03  | 3814294.67 | 116.14813  | (20020607) | 397307.52 |
| 3814279.68 | 129.58915  | (20020607) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 587

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|---------------------|--------------------|------------|-------------|
| 397289.01                  | 3814264.69          | 136.70154           | (20020607)         |            | 397270.50   |
| 3814249.71                 | 136.29524           | (20020607)          |                    |            |             |
| 397840.36                  | 3814074.31          | 109.66377           | (16102601)         |            | 397854.97   |
| 3814092.70                 | 112.50382           | (16102601)          |                    |            |             |
| 397869.58                  | 3814111.10          | 110.60143           | (16102601)         |            | 397884.19   |
| 3814129.50                 | 104.19352           | (16102601)          |                    |            |             |
| 397898.80                  | 3814147.89          | 94.06528            | (16102601)         |            | 397913.40   |
| 3814166.29                 | 93.44751            | (16010301)          |                    |            |             |
| 397928.01                  | 3814184.68          | 98.35916            | (16010301)         |            | 397942.62   |
| 3814203.08                 | 99.21992            | (16010301)          |                    |            |             |
| 397957.23                  | 3814221.47          | 102.76878           | (18111202)         |            | 397971.84   |
| 3814239.87                 | 107.27793           | (18111202)          |                    |            |             |
| 397986.44                  | 3814258.26          | 107.33781           | (18111202)         |            | 398001.05   |
| 3814276.66                 | 109.11663           | (19120705)          |                    |            |             |
| 398015.66                  | 3814295.06          | 112.99214           | (19120705)         |            | 398030.27   |
| 3814313.45                 | 112.17179           | (19120705)          |                    |            |             |
| 398059.48                  | 3814350.24          | 112.90362           | (16021701)         |            | 398088.70   |
| 3814387.03                 | 105.14420           | (16021701)          |                    |            |             |
| 398103.31                  | 3814405.43          | 102.40698           | (19091206)         |            | 398117.92   |
| 3814423.83                 | 103.95731           | (16100607)          |                    |            |             |
| 398132.52                  | 3814442.22          | 109.80902           | (16100607)         |            | 398147.13   |
| 3814460.62                 | 111.28109           | (16100607)          |                    |            |             |
| 398161.74                  | 3814479.01          | 108.21072           | (16100607)         |            | 398176.35   |
| 3814497.41                 | 100.98444           | (16100607)          |                    |            |             |
| 398190.96                  | 3814515.80          | 90.46302            | (16100607)         |            | 398205.56   |
| 3814534.20                 | 91.45111            | (17092506)          |                    |            |             |
| 398220.17                  | 3814552.60          | 95.42980            | (17092506)         |            | 398234.78   |
| 3814570.99                 | 98.75958            | (18011405)          |                    |            |             |
| 398249.39                  | 3814589.39          | 106.77514           | (18011405)         |            | 398264.00   |
| 3814607.78                 | 110.86061           | (18011405)          |                    |            |             |
| 398278.60                  | 3814626.18          | 110.56624           | (18011405)         |            | 398293.21   |
| 3814644.57                 | 106.96278           | (19020108)          |                    |            |             |
| 398307.82                  | 3814662.97          | 110.58943           | (19020108)         |            | 398322.43   |
| 3814681.37                 | 109.88517           | (19020108)          |                    |            |             |
| 398337.04                  | 3814699.76          | 104.96181           | (19020108)         |            | 398351.64   |
| 3814718.16                 | 104.60503           | (16010202)          |                    |            |             |
| 398366.25                  | 3814736.55          | 103.64696           | (16010202)         |            | 398380.86   |
| 3814754.95                 | 102.66149           | (20110307)          |                    |            |             |
| 398395.47                  | 3814773.34          | 105.52762           | (20110307)         |            | 398410.08   |
| 3814791.74                 | 104.36814           | (20110307)          |                    |            |             |
| 398424.68                  | 3814810.13          | 106.07235           | (17101307)         |            | 398439.29   |
| 3814828.53                 | 108.87710           | (17101307)          |                    |            |             |
| 398453.90                  | 3814846.93          | 107.59003           | (17101307)         |            | 398468.51   |
| 3814865.32                 | 102.38890           | (17101307)          |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398483.12  | 3814883.72 | 93.86321   | (17101307) | 398497.72 |
| 3814902.11 | 88.19459   | (20010305) |            |           |
| 398512.33  | 3814920.51 | 93.95106   | (20010305) | 398526.94 |
| 3814938.90 | 96.44612   | (20010305) |            |           |
| 398541.55  | 3814957.30 | 95.44384   | (20010305) | 398556.16 |
| 3814975.70 | 92.30011   | (19122818) |            |           |
| 398570.76  | 3814994.09 | 94.90827   | (19122818) | 398585.37 |
| 3815012.49 | 96.31154   | (20122108) |            |           |
| 398599.98  | 3815030.88 | 102.90797  | (20122108) | 398614.59 |
| 3815049.28 | 106.11092  | (20122108) |            |           |
| 398629.20  | 3815067.67 | 105.62184  | (20122108) | 398643.80 |
| 3815086.07 | 101.52860  | (20122108) |            |           |
| 397825.76  | 3814055.91 | 102.43389  | (16102601) | 397807.25 |
| 3814040.93 | 101.93797  | (18013107) |            |           |
| 397788.73  | 3814025.94 | 104.98068  | (19112205) | 397770.22 |
| 3814010.95 | 109.79305  | (19112205) |            |           |
| 397751.71  | 3813995.97 | 110.05733  | (19112205) | 397733.20 |
| 3813980.98 | 105.71096  | (19112205) |            |           |
| 397714.69  | 3813966.00 | 97.26817   | (19112205) | 397696.18 |
| 3813951.01 | 104.75881  | (20020607) |            |           |
| 397677.66  | 3813936.02 | 112.40386  | (20020607) | 397659.15 |
| 3813921.04 | 115.49052  | (20020607) |            |           |
| 397640.64  | 3813906.05 | 113.60626  | (20020607) | 397622.13 |
| 3813891.06 | 113.63595  | (19120706) |            |           |
| 397603.62  | 3813876.08 | 115.56197  | (19120706) | 397585.11 |
| 3813861.09 | 112.45859  | (19120706) |            |           |
| 398155.02  | 3813685.76 | 94.46060   | (19112205) | 398169.68 |
| 3813704.22 | 91.45312   | (19112205) |            |           |
| 398184.34  | 3813722.68 | 87.09953   | (18013107) | 398199.00 |
| 3813741.14 | 87.74783   | (18013107) |            |           |
| 398213.66  | 3813759.60 | 91.45377   | (16102601) | 398228.33 |
| 3813778.06 | 95.87338   | (16102601) |            |           |
| 398242.99  | 3813796.53 | 97.09374   | (16102601) | 398257.65 |
| 3813814.99 | 94.99176   | (16102601) |            |           |
| 398272.31  | 3813833.45 | 89.78230   | (16102601) | 398286.97 |
| 3813851.91 | 81.98023   | (16102601) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 588

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|----------|------------|-------------|
| -----       |             |                     |            |          |            |             |
| 3813888.83  | 398301.63   | 3813870.37          | (16010301) | 78.96066 | (16010301) | 398316.29   |
|             |             | 83.64765            | (16010301) |          |            |             |
|             | 398330.95   | 3813907.29          | (16010301) | 85.61122 | (16010301) | 398345.61   |
| 3813925.76  |             | 84.72145            | (18111202) |          |            |             |
|             | 398360.27   | 3813944.22          | (18111202) | 90.22986 | (18111202) | 398374.93   |
| 3813962.68  |             | 92.84930            | (18111202) |          |            |             |
|             | 398389.59   | 3813981.14          | (18111202) | 92.32198 | (18111202) | 398404.25   |
| 3813999.60  |             | 94.04974            | (19120705) |          |            |             |
|             | 398418.91   | 3814018.06          | (19120705) | 97.32209 | (19120705) | 398433.57   |
| 3814036.52  |             | 97.32465            | (19120705) |          |            |             |
|             | 398448.23   | 3814054.99          | (19120705) | 94.06301 | (19120705) | 398462.89   |
| 3814073.45  |             | 96.74102            | (16021701) |          |            |             |
|             | 398477.55   | 3814091.91          | (16021701) | 97.32028 | (16021701) | 398492.21   |
| 3814110.37  |             | 94.63857            | (16021701) |          |            |             |
|             | 398506.87   | 3814128.83          | (16021701) | 88.97059 | (16021701) | 398521.53   |
| 3814147.29  |             | 88.28108            | (19091206) |          |            |             |
|             | 398536.19   | 3814165.75          | (16100607) | 89.49692 | (16100607) | 398550.85   |
| 3814184.22  |             | 94.31142            | (16100607) |          |            |             |
|             | 398565.51   | 3814202.68          | (16100607) | 96.09781 | (16100607) | 398580.17   |
| 3814221.14  |             | 94.69415            | (16100607) |          |            |             |
|             | 398594.83   | 3814239.60          | (16100607) | 90.25030 | (16100607) | 398609.49   |
| 3814258.06  |             | 83.20420            | (16100607) |          |            |             |
|             | 398624.15   | 3814276.52          | (17092506) | 74.61955 | (17092506) | 398638.81   |
| 3814294.98  |             | 79.71914            | (17092506) |          |            |             |
|             | 398653.47   | 3814313.45          | (17092506) | 82.39593 | (17092506) | 398668.13   |
| 3814331.91  |             | 84.87692            | (18011405) |          |            |             |
|             | 398682.79   | 3814350.37          | (18011405) | 91.35709 | (18011405) | 398697.45   |
| 3814368.83  |             | 95.16001            | (18011405) |          |            |             |
|             | 398712.11   | 3814387.29          | (18011405) | 95.94043 | (18011405) | 398726.77   |
| 3814405.75  |             | 93.63941            | (18011405) |          |            |             |
|             | 398741.43   | 3814424.21          | (19020108) | 94.06513 | (19020108) | 398756.09   |
| 3814442.68  |             | 95.65284            | (19020108) |          |            |             |
|             | 398770.75   | 3814461.14          | (19020108) | 94.19404 | (19020108) | 398785.41   |
| 3814479.60  |             | 89.84461            | (19020108) |          |            |             |
|             | 398800.07   | 3814498.06          | (16010202) | 90.19222 | (16010202) | 398814.73   |
| 3814516.52  |             | 89.65981            | (16010202) |          |            |             |
|             | 398829.39   | 3814534.98          | (20110307) | 87.41974 | (20110307) | 398844.05   |
| 3814553.44  |             | 90.57139            | (20110307) |          |            |             |
|             | 398858.71   | 3814571.91          | (20110307) | 90.94249 | (20110307) | 398873.37   |
| 3814590.37  |             | 88.53530            | (17101307) |          |            |             |
|             | 398888.03   | 3814608.83          | (17101307) | 92.66332 | (17101307) | 398902.69   |
| 3814627.29  |             | 94.03150            | (17101307) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398917.35  | 3814645.75 | 92.53568   | (17101307) | 398932.01 |
| 3814664.21 | 88.33055   | (17101307) |            |           |
| 398946.67  | 3814682.67 | 81.80376   | (17101307) | 398961.33 |
| 3814701.13 | 74.24803   | (20010305) |            |           |
| 398975.99  | 3814719.60 | 79.44092   | (20010305) | 398990.65 |
| 3814738.06 | 82.47825   | (20010305) |            |           |
| 399005.32  | 3814756.52 | 83.11694   | (20010305) | 399019.98 |
| 3814774.98 | 81.32045   | (20010305) |            |           |
| 399034.64  | 3814793.44 | 80.18946   | (19122818) | 399049.30 |
| 3814811.90 | 81.85061   | (19122818) |            |           |
| 399063.96  | 3814830.36 | 82.75334   | (20122108) | 399078.62 |
| 3814848.83 | 88.11704   | (20122108) |            |           |
| 399093.28  | 3814867.29 | 91.15524   | (20122108) | 398140.36 |
| 3813667.30 | 94.25895   | (19112205) |            |           |
| 398121.85  | 3813652.31 | 91.03608   | (19112205) | 398103.34 |
| 3813637.32 | 84.96660   | (19112205) |            |           |
| 398084.83  | 3813622.34 | 86.49180   | (20020607) | 398066.32 |
| 3813607.35 | 93.63354   | (20020607) |            |           |
| 398047.81  | 3813592.37 | 97.93511   | (20020607) | 398029.29 |
| 3813577.38 | 98.95448   | (20020607) |            |           |
| 398010.78  | 3813562.39 | 96.56946   | (20020607) | 397992.27 |
| 3813547.41 | 97.61860   | (19120706) |            |           |
| 397973.76  | 3813532.42 | 99.10653   | (19120706) | 397955.25 |
| 3813517.43 | 97.15030   | (19120706) |            |           |
| 397936.74  | 3813502.45 | 97.56419   | (19112104) | 397918.23 |
| 3813487.46 | 99.47957   | (19112104) |            |           |
| 397899.71  | 3813472.48 | 97.90973   | (19112104) | 398994.07 |
| 3812649.56 | 67.41433   | (19120706) |            |           |
| 399008.82  | 3812668.14 | 69.70978   | (20020607) | 399023.57 |
| 3812686.71 | 70.61968   | (20020607) |            |           |
| 399038.32  | 3812705.29 | 70.01670   | (20020607) | 399053.07 |
| 3812723.87 | 67.93669   | (20020607) |            |           |
| 399067.82  | 3812742.44 | 64.51024   | (20020607) | 399082.57 |
| 3812761.02 | 59.94435   | (20020607) |            |           |
| 399097.32  | 3812779.59 | 60.58225   | (19112205) | 399112.08 |
| 3812798.17 | 64.36698   | (19112205) |            |           |
| 399126.83  | 3812816.75 | 66.92216   | (19112205) | 399141.58 |
| 3812835.32 | 68.08735   | (19112205) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 589

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 399156.33   | 3812853.90  | 67.78798       | (19112205) | 399171.08          |  |
| 3812872.47  | 66.04242    | (19112205)     |            |                    |  |
| 399185.83   | 3812891.05  | 62.96008       | (19112205) | 399200.58          |  |
| 3812909.62  | 62.99162    | (18013107)     |            |                    |  |
| 399215.33   | 3812928.20  | 62.83769       | (18013107) | 399230.08          |  |
| 3812946.78  | 65.42003    | (16102601)     |            |                    |  |
| 399244.83   | 3812965.35  | 68.28692       | (16102601) | 399259.59          |  |
| 3812983.93  | 69.74965    | (16102601)     |            |                    |  |
| 399274.34   | 3813002.50  | 69.71327       | (16102601) | 399289.09          |  |
| 3813021.08  | 68.18100    | (16102601)     |            |                    |  |
| 399303.84   | 3813039.65  | 65.25184       | (16102601) | 399318.59          |  |
| 3813058.23  | 61.10740    | (16102601)     |            |                    |  |
| 399333.34   | 3813076.81  | 55.99796       | (16102601) | 399348.09          |  |
| 3813095.38  | 56.94642    | (16010301)     |            |                    |  |
| 399362.84   | 3813113.96  | 59.67355       | (16010301) | 399377.59          |  |
| 3813132.53  | 61.19026    | (16010301)     |            |                    |  |
| 399392.35   | 3813151.11  | 61.40219       | (16010301) | 399407.10          |  |
| 3813169.69  | 61.58700    | (18111202)     |            |                    |  |
| 399421.85   | 3813188.26  | 64.66543       | (18111202) | 399436.60          |  |
| 3813206.84  | 66.44723    | (18111202)     |            |                    |  |
| 399451.35   | 3813225.41  | 66.82004       | (18111202) | 399466.10          |  |
| 3813243.99  | 65.76239    | (18111202)     |            |                    |  |
| 399480.85   | 3813262.56  | 67.76923       | (19120705) | 399495.60          |  |
| 3813281.14  | 69.79145    | (19120705)     |            |                    |  |
| 399510.35   | 3813299.72  | 70.34527       | (19120705) | 399525.10          |  |
| 3813318.29  | 69.39850    | (19120705)     |            |                    |  |
| 399539.86   | 3813336.87  | 67.28821       | (16021701) | 399554.61          |  |
| 3813355.44  | 69.46150    | (16021701)     |            |                    |  |
| 399569.36   | 3813374.02  | 70.18864       | (16021701) | 399584.11          |  |
| 3813392.60  | 69.42564    | (16021701)     |            |                    |  |
| 399598.86   | 3813411.17  | 67.22477       | (16021701) | 399613.61          |  |
| 3813429.75  | 63.72449    | (16021701)     |            |                    |  |
| 399628.36   | 3813448.32  | 63.45980       | (19091206) | 399643.11          |  |
| 3813466.90  | 62.95205    | (19091206)     |            |                    |  |
| 399657.86   | 3813485.47  | 65.51611       | (16100607) | 399672.62          |  |
| 3813504.05  | 68.01011    | (16100607)     |            |                    |  |
| 399687.37   | 3813522.63  | 69.12286       | (16100607) | 399702.12          |  |
| 3813541.20  | 68.79000    | (16100607)     |            |                    |  |
| 399716.87   | 3813559.78  | 67.03642       | (16100607) | 399731.62          |  |
| 3813578.35  | 63.97525    | (16100607)     |            |                    |  |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399746.37  | 3813596.93 | 59.79183   | (16100607) | 399761.12 |
| 3813615.51 | 54.73084   | (16100607) |            |           |
| 399775.87  | 3813634.08 | 55.28998   | (17092506) | 399790.62 |
| 3813652.66 | 57.78468   | (17092506) |            |           |
| 399805.37  | 3813671.23 | 59.14988   | (17092506) | 399820.13 |
| 3813689.81 | 59.40175   | (18011405) |            |           |
| 399834.88  | 3813708.38 | 63.62671   | (18011405) | 399849.63 |
| 3813726.96 | 66.76082   | (18011405) |            |           |
| 399864.38  | 3813745.54 | 68.62290   | (18011405) | 399879.13 |
| 3813764.11 | 69.10633   | (18011405) |            |           |
| 399893.88  | 3813782.69 | 68.18796   | (18011405) | 399908.63 |
| 3813801.26 | 65.92924   | (18011405) |            |           |
| 399923.38  | 3813819.84 | 68.02616   | (19020108) | 399938.13 |
| 3813838.41 | 68.83495   | (19020108) |            |           |
| 399952.88  | 3813856.99 | 68.26287   | (19020108) | 399967.64 |
| 3813875.57 | 66.34883   | (19020108) |            |           |
| 399982.39  | 3813894.14 | 63.74591   | (16010202) | 399997.14 |
| 3813912.72 | 64.84419   | (16010202) |            |           |
| 400011.89  | 3813931.29 | 64.66015   | (16010202) | 400026.64 |
| 3813949.87 | 63.21074   | (16010202) |            |           |
| 400041.39  | 3813968.45 | 63.81828   | (20110307) | 400056.14 |
| 3813987.02 | 65.29192   | (20110307) |            |           |
| 400070.89  | 3814005.60 | 65.49952   | (20110307) | 400085.64 |
| 3814024.17 | 64.43517   | (20110307) |            |           |
| 400100.40  | 3814042.75 | 65.11243   | (17101307) | 400115.15 |
| 3814061.32 | 67.03419   | (17101307) |            |           |
| 400129.90  | 3814079.90 | 67.68814   | (17101307) | 400144.65 |
| 3814098.48 | 67.04276   | (17101307) |            |           |
| 400159.40  | 3814117.05 | 65.14279   | (17101307) | 400174.15 |
| 3814135.63 | 62.10023   | (17101307) |            |           |
| 400188.90  | 3814154.20 | 58.08895   | (17101307) | 400203.65 |
| 3814172.78 | 53.32006   | (17101307) |            |           |
| 400218.40  | 3814191.36 | 55.48424   | (20010305) | 400233.15 |
| 3814209.93 | 57.93131   | (20010305) |            |           |
| 400247.91  | 3814228.51 | 59.36004   | (20010305) | 400262.66 |
| 3814247.08 | 59.69679   | (20010305) |            |           |
| 400277.41  | 3814265.66 | 58.93034   | (20010305) | 400292.16 |
| 3814284.23 | 57.10993   | (20010305) |            |           |
| 400306.91  | 3814302.81 | 57.92645   | (19122818) | 400321.66 |
| 3814321.39 | 58.74976   | (19122818) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 590

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 400336.41   | 3814339.96  | 58.50588   | (19122818) | 400351.16   |
| 3814358.54  | 61.55500    | (20122108) |            |             |
| 400365.91   | 3814377.11  | 64.14365   | (20122108) | 398979.32   |
| 3812630.99  | 69.63228    | (19120706) |            |             |
| 398960.80   | 3812616.00  | 70.47656   | (19120706) | 398942.29   |
| 3812601.01  | 69.82184    | (19120706) |            |             |
| 398923.78   | 3812586.03  | 67.70653   | (19120706) | 398905.27   |
| 3812571.04  | 69.68782    | (19112104) |            |             |
| 398886.76   | 3812556.06  | 70.70926   | (19112104) | 398868.25   |
| 3812541.07  | 70.21598    | (19112104) |            |             |
| 398849.74   | 3812526.08  | 68.23500   | (19112104) | 398831.22   |
| 3812511.10  | 69.57590    | (18102707) |            |             |
| 398812.71   | 3812496.11  | 70.74749   | (18102707) | 398794.20   |
| 3812481.13  | 70.39383    | (18102707) |            |             |
| 398775.69   | 3812466.14  | 68.53367   | (18102707) | 398757.18   |
| 3812451.15  | 65.28246    | (18102707) |            |             |
| 398738.67   | 3812436.17  | 60.84159   | (18102707) | 399833.07   |
| 3811613.32  | 53.74566    | (19112104) |            |             |
| 399847.88   | 3811631.97  | 53.95273   | (19112104) | 399862.68   |
| 3811650.61  | 53.36681    | (19112104) |            |             |
| 399877.49   | 3811669.25  | 52.01198   | (19112104) | 399892.29   |
| 3811687.90  | 52.72738    | (19120706) |            |             |
| 399907.10   | 3811706.54  | 53.77533   | (19120706) | 399921.90   |
| 3811725.19  | 54.03697    | (19120706) |            |             |
| 399936.71   | 3811743.83  | 53.49932   | (19120706) | 399951.52   |
| 3811762.47  | 52.18512    | (19120706) |            |             |
| 399966.32   | 3811781.12  | 52.80402   | (20020607) | 399981.13   |
| 3811799.76  | 53.90061    | (20020607) |            |             |
| 399995.93   | 3811818.41  | 54.20635   | (20020607) | 400010.74   |
| 3811837.05  | 53.70646    | (20020607) |            |             |
| 400025.54   | 3811855.69  | 52.42292   | (20020607) | 400040.35   |
| 3811874.34  | 50.40965    | (20020607) |            |             |
| 400055.15   | 3811892.98  | 47.75480   | (20020607) | 400069.96   |
| 3811911.63  | 44.56517    | (20020607) |            |             |
| 400084.76   | 3811930.27  | 46.51348   | (19112205) | 400099.57   |
| 3811948.92  | 48.98629    | (19112205) |            |             |
| 400114.37   | 3811967.56  | 50.82207   | (19112205) | 400129.18   |
| 3811986.20  | 51.94280    | (19112205) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400143.98  | 3812004.85 | 52.29818   | (19112205) | 400158.79 |
| 3812023.49 | 51.87169   | (19112205) |            |           |
| 400173.59  | 3812042.14 | 50.68219   | (19112205) | 400188.40 |
| 3812060.78 | 48.78171   | (19112205) |            |           |
| 400203.20  | 3812079.42 | 48.02111   | (18013107) | 400218.01 |
| 3812098.07 | 48.37116   | (18013107) |            |           |
| 400232.82  | 3812116.71 | 47.99705   | (18013107) | 400247.62 |
| 3812135.36 | 50.16091   | (16102601) |            |           |
| 400262.43  | 3812154.00 | 52.08901   | (16102601) | 400277.23 |
| 3812172.64 | 53.28437   | (16102601) |            |           |
| 400292.04  | 3812191.29 | 53.69476   | (16102601) | 400306.84 |
| 3812209.93 | 53.30152   | (16102601) |            |           |
| 400321.65  | 3812228.58 | 52.12186   | (16102601) | 400336.45 |
| 3812247.22 | 50.20945   | (16102601) |            |           |
| 400351.26  | 3812265.86 | 47.64594   | (16102601) | 400366.06 |
| 3812284.51 | 44.53945   | (16102601) |            |           |
| 400380.87  | 3812303.15 | 41.61442   | (16010301) | 400395.67 |
| 3812321.80 | 43.90427   | (16010301) |            |           |
| 400410.48  | 3812340.44 | 45.62976   | (16010301) | 400425.28 |
| 3812359.08 | 46.71708   | (16010301) |            |           |
| 400440.09  | 3812377.73 | 47.11932   | (16010301) | 400454.89 |
| 3812396.37 | 46.81867   | (16010301) |            |           |
| 400469.70  | 3812415.02 | 47.71078   | (18111202) | 400484.50 |
| 3812433.66 | 49.60996   | (18111202) |            |           |
| 400499.31  | 3812452.31 | 50.81982   | (18111202) | 400514.11 |
| 3812470.95 | 51.28669   | (18111202) |            |           |
| 400528.92  | 3812489.59 | 50.99135   | (18111202) | 400543.73 |
| 3812508.24 | 50.15094   | (19120705) |            |           |
| 400558.53  | 3812526.88 | 52.17866   | (19120705) | 400573.34 |
| 3812545.53 | 53.48641   | (19120705) |            |           |
| 400588.14  | 3812564.17 | 54.01667   | (19120705) | 400602.95 |
| 3812582.81 | 53.74787   | (19120705) |            |           |
| 400617.75  | 3812601.46 | 52.69285   | (19120705) | 400632.56 |
| 3812620.10 | 51.95655   | (16021701) |            |           |
| 400647.36  | 3812638.75 | 53.30266   | (16021701) | 400662.17 |
| 3812657.39 | 53.87991   | (16021701) |            |           |
| 400676.97  | 3812676.03 | 53.66489   | (16021701) | 400691.78 |
| 3812694.68 | 52.66752   | (16021701) |            |           |
| 400706.58  | 3812713.32 | 50.93352   | (16021701) | 400721.39 |
| 3812731.97 | 48.53727   | (16021701) |            |           |
| 400736.19  | 3812750.61 | 48.65279   | (19091206) | 400751.00 |
| 3812769.25 | 48.51841   | (19091206) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\*

| X-COORD (M) |            | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC       | (YYMMDDHH)  |            |            |             |
| -----       |            |             |            |            |             |
| -----       |            |             |            |            |             |
| 400765.80   | 3812787.90 | 48.78706    | (16100607) | 400780.61  |             |
| 3812806.54  | 50.90848   | (16100607)  |            |            |             |
| 400795.41   | 3812825.19 | 52.35054    | (16100607) | 400810.22  |             |
| 3812843.83  | 53.05242   | (16100607)  |            |            |             |
| 400825.03   | 3812862.47 | 52.98592    | (16100607) | 400839.83  |             |
| 3812881.12  | 52.15572   | (16100607)  |            |            |             |
| 400854.64   | 3812899.76 | 50.59928    | (16100607) | 400869.44  |             |
| 3812918.41  | 48.38391   | (16100607)  |            |            |             |
| 400884.25   | 3812937.05 | 45.60270    | (16100607) | 400899.05  |             |
| 3812955.70  | 42.36648   | (16100607)  |            |            |             |
| 400913.86   | 3812974.34 | 41.29722    | (17092506) | 400928.66  |             |
| 3812992.98  | 43.23209   | (17092506)  |            |            |             |
| 400943.47   | 3813011.63 | 44.61149    | (17092506) | 400958.27  |             |
| 3813030.27  | 45.37801   | (17092506)  |            |            |             |
| 400973.08   | 3813048.92 | 45.50190    | (17092506) | 400987.88  |             |
| 3813067.56  | 47.73125   | (18011405)  |            |            |             |
| 401002.69   | 3813086.20 | 50.07346    | (18011405) | 401017.49  |             |
| 3813104.85  | 51.78731   | (18011405)  |            |            |             |
| 401032.30   | 3813123.49 | 52.80357    | (18011405) | 401047.10  |             |
| 3813142.14  | 53.08270   | (18011405)  |            |            |             |
| 401061.91   | 3813160.78 | 52.61505    | (18011405) | 401076.71  |             |
| 3813179.42  | 51.42325   | (18011405)  |            |            |             |
| 401091.52   | 3813198.07 | 51.28561    | (19020108) | 401106.32  |             |
| 3813216.71  | 52.43753   | (19020108)  |            |            |             |
| 401121.13   | 3813235.36 | 52.87012    | (19020108) | 401135.94  |             |
| 3813254.00  | 52.56737   | (19020108)  |            |            |             |
| 401150.74   | 3813272.64 | 51.54514    | (19020108) | 401165.55  |             |
| 3813291.29  | 49.84663   | (19020108)  |            |            |             |
| 401180.35   | 3813309.93 | 49.21932    | (16010202) | 401195.16  |             |
| 3813328.58  | 49.79270   | (16010202)  |            |            |             |
| 401209.96   | 3813347.22 | 49.68333    | (16010202) | 401224.77  |             |
| 3813365.86  | 48.89856   | (16010202)  |            |            |             |
| 401239.57   | 3813384.51 | 48.04845    | (20110307) | 401254.38  |             |
| 3813403.15  | 49.46432   | (20110307)  |            |            |             |
| 401269.18   | 3813421.80 | 50.23191    | (20110307) | 401283.99  |             |
| 3813440.44  | 50.32249   | (20110307)  |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 400834.08   | 3810781.08          | 41.93776   | (19120706) | 400848.82   |
| 3810799.64  | 42.95505 (19120706) |            |            |             |
| 400863.55   | 3810818.20          | 43.52547   | (19120706) | 400878.29   |
| 3810836.76  | 43.63041 (19120706) |            |            |             |
| 400893.03   | 3810855.32          | 43.26575   | (19120706) | 400907.77   |
| 3810873.88  | 42.44265 (19120706) |            |            |             |
| 400922.51   | 3810892.44          | 41.99917   | (20020607) | 400937.25   |
| 3810911.00  | 43.04074 (20020607) |            |            |             |
| 400951.98   | 3810929.56          | 43.63299   | (20020607) | 400966.72   |
| 3810948.12  | 43.75667 (20020607) |            |            |             |
| 400981.46   | 3810966.68          | 43.40715   | (20020607) | 400996.20   |
| 3810985.24  | 42.59528 (20020607) |            |            |             |
| 401010.94   | 3811003.80          | 41.34665   | (20020607) | 401025.68   |
| 3811022.36  | 39.70027 (20020607) |            |            |             |
| 401040.41   | 3811040.92          | 37.70713   | (20020607) | 401055.15   |
| 3811059.48  | 35.42522 (20020607) |            |            |             |
| 401069.89   | 3811078.04          | 37.23026   | (19112205) | 401084.63   |
| 3811096.60  | 39.01756 (19112205) |            |            |             |
| 401099.37   | 3811115.16          | 40.44761   | (19112205) | 401114.10   |
| 3811133.72  | 41.47538 (19112205) |            |            |             |
| 401128.84   | 3811152.28          | 42.06838   | (19112205) | 401143.58   |
| 3811170.84  | 42.20694 (19112205) |            |            |             |
| 401158.32   | 3811189.40          | 41.88637   | (19112205) | 401173.06   |
| 3811207.96  | 41.11689 (19112205) |            |            |             |
| 401187.80   | 3811226.52          | 39.92313   | (19112205) | 401202.53   |
| 3811245.07  | 38.34384 (19112205) |            |            |             |
| 401217.27   | 3811263.63          | 38.88150   | (18013107) | 401232.01   |
| 3811282.19  | 39.01408 (18013107) |            |            |             |
| 401246.75   | 3811300.75          | 38.72175   | (18013107) | 401261.49   |
| 3811319.31  | 40.04006 (16102601) |            |            |             |
| 401276.22   | 3811337.87          | 41.51873   | (16102601) | 401290.96   |
| 3811356.43  | 42.58447 (16102601) |            |            |             |
| 401305.70   | 3811374.99          | 43.20285   | (16102601) | 401320.44   |
| 3811393.55  | 43.35392 (16102601) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 402013.13   | 3812265.85  | 37.85405   | (16100607) | 402027.87   |
| 3812284.41  | 35.77214    | (16100607) |            |             |
| 402042.61   | 3812302.97  | 33.45283   | (16100607) | 402057.35   |
| 3812321.53  | 33.19653    | (17092506) |            |             |
| 402072.09   | 3812340.09  | 34.57915   | (17092506) | 402086.83   |
| 3812358.65  | 35.64397    | (17092506) |            |             |
| 402101.56   | 3812377.21  | 36.35955   | (17092506) | 402116.30   |
| 3812395.77  | 36.70503    | (17092506) |            |             |
| 402131.04   | 3812414.33  | 36.67051   | (17092506) | 402145.78   |
| 3812432.89  | 38.44257    | (18011405) |            |             |
| 402160.52   | 3812451.45  | 40.10628   | (18011405) | 402175.25   |
| 3812470.01  | 41.41002    | (18011405) |            |             |
| 402189.99   | 3812488.57  | 42.31641   | (18011405) | 402204.73   |
| 3812507.13  | 42.79884    | (18011405) |            |             |
| 402219.47   | 3812525.69  | 42.84375   | (18011405) | 402234.21   |
| 3812544.25  | 42.45098    | (18011405) |            |             |
| 402248.95   | 3812562.81  | 41.63368   | (18011405) | 402263.68   |
| 3812581.37  | 40.99300    | (19020108) |            |             |
| 402278.42   | 3812599.93  | 41.97867   | (19020108) | 402293.16   |
| 3812618.49  | 42.55186    | (19020108) |            |             |
| 402307.90   | 3812637.05  | 42.69651   | (19020108) | 402322.64   |
| 3812655.61  | 42.40956    | (19020108) |            |             |
| 402337.37   | 3812674.17  | 41.70116   | (19020108) | 402352.11   |
| 3812692.73  | 40.59336    | (19020108) |            |             |
| 402366.85   | 3812711.29  | 39.33762   | (16010202) | 402381.59   |
| 3812729.85  | 39.97834    | (16010202) |            |             |
| 402396.33   | 3812748.41  | 40.22360   | (16010202) | 402411.07   |
| 3812766.96  | 40.06747    | (16010202) |            |             |
| 402425.80   | 3812785.52  | 39.51603   | (16010202) | 402440.54   |
| 3812804.08  | 38.58652    | (16010202) |            |             |
| 402455.28   | 3812822.64  | 39.50017   | (20110307) | 402470.02   |
| 3812841.20  | 40.26380    | (20110307) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 402484.76  | 3812859.76          | 40.63765 | (20110307) | 402499.49 |
| 3812878.32 | 40.61219 (20110307) |          |            |           |
| 402514.23  | 3812896.88          | 40.18946 | (20110307) | 402528.97 |
| 3812915.44 | 39.38320 (20110307) |          |            |           |
| 402543.71  | 3812934.00          | 40.42606 | (17101307) | 402558.45 |
| 3812952.56 | 41.34758 (17101307) |          |            |           |
| 402573.19  | 3812971.12          | 41.87919 | (17101307) | 402587.92 |
| 3812989.68 | 42.00708 (17101307) |          |            |           |
| 402602.66  | 3813008.24          | 41.72900 | (17101307) | 402617.40 |
| 3813026.80 | 41.05447 (17101307) |          |            |           |
| 402632.14  | 3813045.36          | 40.00419 | (17101307) | 402646.88 |
| 3813063.92 | 38.60903 (17101307) |          |            |           |
| 402661.61  | 3813082.48          | 36.90883 | (17101307) | 402676.35 |
| 3813101.04 | 34.94923 (17101307) |          |            |           |
| 402691.09  | 3813119.60          | 32.78156 | (17101307) | 402705.83 |
| 3813138.16 | 33.25454 (20010305) |          |            |           |
| 402720.57  | 3813156.72          | 34.61456 | (20010305) | 402735.31 |
| 3813175.28 | 35.68938 (20010305) |          |            |           |
| 402750.04  | 3813193.84          | 36.45092 | (20010305) | 402764.78 |
| 3813212.40 | 36.87963 (20010305) |          |            |           |
| 400657.22  | 3810558.37          | 41.91587 | (18102707) | 400638.71 |
| 3810543.38 | 40.57942 (18102707) |          |            |           |
| 400620.20  | 3810528.40          | 38.86344 | (18102707) | 400601.69 |
| 3810513.41 | 36.81841 (18102707) |          |            |           |
| 400583.17  | 3810498.42          | 34.50375 | (18102707) | 400564.66 |
| 3810483.44 | 32.25260 (17051904) |          |            |           |
| 400546.15  | 3810468.45          | 33.30833 | (18020319) | 400527.64 |
| 3810453.47 | 34.44000 (18020319) |          |            |           |
| 400509.13  | 3810438.48          | 35.22611 | (18020319) | 400490.62 |
| 3810423.49 | 35.64085 (18020319) |          |            |           |
| 400472.10  | 3810408.51          | 36.39746 | (17102807) | 400453.59 |
| 3810393.52 | 38.47562 (17102807) |          |            |           |
| 400435.08  | 3810378.53          | 40.23208 | (17102807) | 400416.57 |
| 3810363.55 | 41.61261 (17102807) |          |            |           |
| 401510.95  | 3809540.67          | 28.71585 | (18102707) | 401525.73 |
| 3809559.28 | 30.41143 (18102707) |          |            |           |
| 401540.51  | 3809577.89          | 31.94548 | (18102707) | 401555.29 |
| 3809596.50 | 33.28390 (18102707) |          |            |           |
| 401570.06  | 3809615.11          | 34.39557 | (18102707) | 401584.84 |
| 3809633.72 | 35.25466 (18102707) |          |            |           |
| 401599.62  | 3809652.33          | 35.83988 | (18102707) | 401614.40 |
| 3809670.94 | 36.13659 (18102707) |          |            |           |
| 401629.18  | 3809689.55          | 36.13707 | (18102707) | 401643.96 |
| 3809708.16 | 35.84086 (18102707) |          |            |           |
| 401658.73  | 3809726.77          | 35.25505 | (18102707) | 401673.51 |
| 3809745.38 | 34.46954 (19112104) |          |            |           |
| 401688.29  | 3809763.99          | 35.34405 | (19112104) | 401703.07 |
| 3809782.60 | 35.94234 (19112104) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 594

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 401717.85   | 3809801.21          | 36.24939   | (19112104) | 401732.63   |
| 3809819.82  | 36.25727 (19112104) |            |            |             |
| 401747.41   | 3809838.43          | 35.96537   | (19112104) | 401762.18   |
| 3809857.04  | 35.38080 (19112104) |            |            |             |
| 401776.96   | 3809875.65          | 34.51714   | (19112104) | 401791.74   |
| 3809894.26  | 35.38939 (19120706) |            |            |             |
| 401806.52   | 3809912.87          | 35.99234   | (19120706) | 401821.30   |
| 3809931.49  | 36.30199 (19120706) |            |            |             |
| 401836.08   | 3809950.10          | 36.31008   | (19120706) | 401850.85   |
| 3809968.71  | 36.01641 (19120706) |            |            |             |
| 401865.63   | 3809987.32          | 35.42775   | (19120706) | 401880.41   |
| 3810005.93  | 34.61008 (20020607) |            |            |             |
| 401895.19   | 3810024.54          | 35.49279   | (20020607) | 401909.97   |
| 3810043.15  | 36.09482 (20020607) |            |            |             |
| 401924.75   | 3810061.76          | 36.40102   | (20020607) | 401939.52   |
| 3810080.37  | 36.40360 (20020607) |            |            |             |
| 401954.30   | 3810098.98          | 36.10215   | (20020607) | 401969.08   |
| 3810117.59  | 35.50397 (20020607) |            |            |             |
| 401983.86   | 3810136.20          | 34.62365   | (20020607) | 401998.64   |
| 3810154.81  | 33.48249 (20020607) |            |            |             |
| 402013.42   | 3810173.42          | 32.10765   | (20020607) | 402028.20   |
| 3810192.03  | 30.53109 (20020607) |            |            |             |
| 402042.97   | 3810210.64          | 29.52450   | (19112205) | 402057.75   |
| 3810229.25  | 31.03665 (19112205) |            |            |             |
| 402072.53   | 3810247.86          | 32.35286   | (19112205) | 402087.31   |
| 3810266.47  | 33.44216 (19112205) |            |            |             |
| 402102.09   | 3810285.08          | 34.27826   | (19112205) | 402116.87   |
| 3810303.69  | 34.84051 (19112205) |            |            |             |
| 402131.64   | 3810322.30          | 35.11482   | (19112205) | 402146.42   |
| 3810340.91  | 35.09425 (19112205) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 402161.20  | 3810359.52          | 34.77914 | (19112205) | 402175.98 |
| 3810378.13 | 34.17731 (19112205) |          |            |           |
| 402190.76  | 3810396.74          | 33.30363 | (19112205) | 402205.54 |
| 3810415.35 | 32.17946 (19112205) |          |            |           |
| 402220.32  | 3810433.96          | 32.20895 | (18013107) | 402235.09 |
| 3810452.57 | 32.44893 (18013107) |          |            |           |
| 402249.87  | 3810471.18          | 32.41597 | (18013107) | 402264.65 |
| 3810489.79 | 32.11079 (18013107) |          |            |           |
| 402279.43  | 3810508.40          | 33.36477 | (16102601) | 402294.21 |
| 3810527.01 | 34.46032 (16102601) |          |            |           |
| 402308.99  | 3810545.63          | 35.29278 | (16102601) | 402323.76 |
| 3810564.24 | 35.84098 (16102601) |          |            |           |
| 402338.54  | 3810582.85          | 36.09182 | (16102601) | 402353.32 |
| 3810601.46 | 36.03886 (16102601) |          |            |           |
| 402368.10  | 3810620.07          | 35.68348 | (16102601) | 402382.88 |
| 3810638.68 | 35.03463 (16102601) |          |            |           |
| 402397.66  | 3810657.29          | 34.10848 | (16102601) | 402412.43 |
| 3810675.90 | 32.92814 (16102601) |          |            |           |
| 402427.21  | 3810694.51          | 31.52124 | (16102601) | 402441.99 |
| 3810713.12 | 29.92095 (16102601) |          |            |           |
| 402456.77  | 3810731.73          | 28.16329 | (16102601) | 402471.55 |
| 3810750.34 | 28.18227 (16010301) |          |            |           |
| 402486.33  | 3810768.95          | 29.32792 | (16010301) | 402501.11 |
| 3810787.56 | 30.26380 (16010301) |          |            |           |
| 402515.88  | 3810806.17          | 30.96729 | (16010301) | 402530.66 |
| 3810824.78 | 31.42146 (16010301) |          |            |           |
| 402545.44  | 3810843.39          | 31.61498 | (16010301) | 402560.22 |
| 3810862.00 | 31.54312 (16010301) |          |            |           |
| 402575.00  | 3810880.61          | 31.20785 | (16010301) | 402589.78 |
| 3810899.22 | 32.00210 (18111202) |          |            |           |
| 402604.55  | 3810917.83          | 33.01043 | (18111202) | 402619.33 |
| 3810936.44 | 33.76570 (18111202) |          |            |           |
| 402634.11  | 3810955.05          | 34.24934 | (18111202) | 402648.89 |
| 3810973.66 | 34.44953 (18111202) |          |            |           |
| 402663.67  | 3810992.27          | 34.36149 | (18111202) | 402678.45 |
| 3811010.88 | 33.98766 (18111202) |          |            |           |
| 402693.22  | 3811029.49          | 33.78143 | (19120705) | 402708.00 |
| 3811048.10 | 34.83578 (19120705) |          |            |           |
| 402722.78  | 3811066.71          | 35.62344 | (19120705) | 402737.56 |
| 3811085.32 | 36.12539 (19120705) |          |            |           |
| 402752.34  | 3811103.93          | 36.32952 | (19120705) | 402767.12 |
| 3811122.54 | 36.23104 (19120705) |          |            |           |
| 402781.90  | 3811141.15          | 35.83271 | (19120705) | 402796.67 |
| 3811159.77 | 35.14470 (19120705) |          |            |           |
| 402811.45  | 3811178.38          | 34.76815 | (16021701) | 402826.23 |
| 3811196.99 | 35.54956 (16021701) |          |            |           |
| 402841.01  | 3811215.60          | 36.04726 | (16021701) | 402855.79 |
| 3811234.21 | 36.24935 (16021701) |          |            |           |
| 402870.57  | 3811252.82          | 36.15120 | (16021701) | 402885.34 |
| 3811271.43 | 35.75577 (16021701) |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 595

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 402900.12   | 3811290.04          | 35.07294   | (16021701) | 402914.90   |
| 3811308.65  | 34.11978 (16021701) |            |            |             |
| 402929.68   | 3811327.26          | 32.91949   | (16021701) | 402944.46   |
| 3811345.87  | 32.51866 (19091206) |            |            |             |
| 402959.24   | 3811364.48          | 32.70571   | (19091206) | 402974.01   |
| 3811383.09  | 32.62376 (19091206) |            |            |             |
| 402988.79   | 3811401.70          | 32.27509   | (19091206) | 403003.57   |
| 3811420.31  | 33.18065 (16100607) |            |            |             |
| 403018.35   | 3811438.92          | 34.21641   | (16100607) | 403033.13   |
| 3811457.53  | 34.99543 (16100607) |            |            |             |
| 403047.91   | 3811476.14          | 35.49944   | (16100607) | 403062.69   |
| 3811494.75  | 35.71668 (16100607) |            |            |             |
| 403077.46   | 3811513.36          | 35.64244   | (16100607) | 403092.24   |
| 3811531.97  | 35.27891 (16100607) |            |            |             |
| 403107.02   | 3811550.58          | 34.63544   | (16100607) | 403121.80   |
| 3811569.19  | 33.72797 (16100607) |            |            |             |
| 403136.58   | 3811587.80          | 32.57840   | (16100607) | 403151.36   |
| 3811606.41  | 31.21371 (16100607) |            |            |             |
| 403166.13   | 3811625.02          | 29.66530   | (16100607) | 403180.91   |
| 3811643.63  | 27.96633 (16100607) |            |            |             |
| 403195.69   | 3811662.24          | 27.12298   | (17092506) | 403210.47   |
| 3811680.85  | 28.22728 (17092506) |            |            |             |
| 403225.25   | 3811699.46          | 29.13945   | (17092506) | 403240.03   |
| 3811718.07  | 29.83886 (17092506) |            |            |             |
| 403254.81   | 3811736.68          | 30.30951   | (17092506) | 403269.58   |
| 3811755.29  | 30.54073 (17092506) |            |            |             |
| 403284.36   | 3811773.90          | 30.52752   | (17092506) | 403299.14   |
| 3811792.52  | 31.50039 (18011405) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403313.92  | 3811811.13 | 32.81102   | (18011405) | 403328.70 |
| 3811829.74 | 33.90309   | (18011405) |            |           |
| 403343.48  | 3811848.35 | 34.75224   | (18011405) | 403358.25 |
| 3811866.96 | 35.33930   | (18011405) |            |           |
| 403373.03  | 3811885.57 | 35.65129   | (18011405) | 403387.81 |
| 3811904.18 | 35.68135   | (18011405) |            |           |
| 403402.59  | 3811922.79 | 35.42946   | (18011405) | 403417.37 |
| 3811941.40 | 34.90223   | (18011405) |            |           |
| 403432.15  | 3811960.01 | 34.11264   | (18011405) | 403446.92 |
| 3811978.62 | 34.46786   | (19020108) |            |           |
| 403461.70  | 3811997.23 | 35.10008   | (19020108) | 403476.48 |
| 3812015.84 | 35.46359   | (19020108) |            |           |
| 403491.26  | 3812034.45 | 35.55059   | (19020108) | 403506.04 |
| 3812053.06 | 35.35978   | (19020108) |            |           |
| 403520.82  | 3812071.67 | 34.89632   | (19020108) | 403535.60 |
| 3812090.28 | 34.17164   | (19020108) |            |           |
| 403550.37  | 3812108.89 | 33.20323   | (19020108) | 403565.15 |
| 3812127.50 | 32.93001   | (16010202) |            |           |
| 403579.93  | 3812146.11 | 33.33288   | (16010202) | 403594.71 |
| 3812164.72 | 33.48012   | (16010202) |            |           |
| 403609.49  | 3812183.33 | 33.36905   | (16010202) | 403624.27 |
| 3812201.94 | 33.00294   | (16010202) |            |           |
| 403639.04  | 3812220.55 | 32.39108   | (16010202) | 403653.82 |
| 3812239.16 | 32.41667   | (20110307) |            |           |
| 403668.60  | 3812257.77 | 33.13943   | (20110307) | 403683.38 |
| 3812276.38 | 33.61946   | (20110307) |            |           |
| 403698.16  | 3812294.99 | 33.84666   | (20110307) | 403712.94 |
| 3812313.60 | 33.81661   | (20110307) |            |           |
| 403727.71  | 3812332.21 | 33.53089   | (20110307) | 403742.49 |
| 3812350.82 | 32.99655   | (20110307) |            |           |
| 403757.27  | 3812369.43 | 33.17495   | (17101307) | 403772.05 |
| 3812388.04 | 33.99910   | (17101307) |            |           |
| 403786.83  | 3812406.66 | 34.58152   | (17101307) | 403801.61 |
| 3812425.27 | 34.90956   | (17101307) |            |           |
| 403816.39  | 3812443.88 | 34.97703   | (17101307) | 403831.16 |
| 3812462.49 | 34.78334   | (17101307) |            |           |
| 403845.94  | 3812481.10 | 34.33352   | (17101307) | 403860.72 |
| 3812499.71 | 33.63839   | (17101307) |            |           |
| 403875.50  | 3812518.32 | 32.71388   | (17101307) | 403890.28 |
| 3812536.93 | 31.58054   | (17101307) |            |           |
| 403905.06  | 3812555.54 | 30.26273   | (17101307) | 403919.83 |
| 3812574.15 | 28.78805   | (17101307) |            |           |
| 403934.61  | 3812592.76 | 27.18530   | (17101307) | 403949.39 |
| 3812611.37 | 27.32189   | (20010305) |            |           |
| 403964.17  | 3812629.98 | 28.38070   | (20010305) | 401496.17 |
| 3809522.06 | 26.89487   | (18102707) |            |           |
| 401477.66  | 3809507.07 | 27.04134   | (18020319) | 401459.15 |
| 3809492.09 | 27.99072   | (18020319) |            |           |
| 401440.64  | 3809477.10 | 28.73449   | (18020319) | 401422.13 |
| 3809462.11 | 29.25422   | (18020319) |            |           |

401403.61 3809447.13 29.53703 (18020319) 401385.10  
 3809432.14 29.77501 (17102807)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 596

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 401366.59   | 3809417.16  | 31.34149   | (17102807) | 401348.08   |
| 3809402.17  | 32.71752    | (17102807) |            |             |
| 401329.57   | 3809387.18  | 33.87078   | (17102807) | 401311.06   |
| 3809372.20  | 34.77356    | (17102807) |            |             |
| 401292.55   | 3809357.21  | 35.40424   | (17102807) | 401274.03   |
| 3809342.22  | 35.74695    | (17102807) |            |             |
| 401255.52   | 3809327.24  | 35.79275   | (17102807) | 402349.93   |
| 3808504.40  | 24.52292    | (18020319) |            |             |
| 402364.74   | 3808523.05  | 24.02551   | (18020319) | 402379.55   |
| 3808541.69  | 23.38570    | (18020319) |            |             |
| 402394.36   | 3808560.34  | 22.61490   | (18020319) | 402409.17   |
| 3808578.99  | 23.09056    | (18102707) |            |             |
| 402423.98   | 3808597.64  | 24.47251   | (18102707) | 402438.78   |
| 3808616.29  | 25.76861    | (18102707) |            |             |
| 402453.59   | 3808634.94  | 26.95759   | (18102707) | 402468.40   |
| 3808653.58  | 28.01772    | (18102707) |            |             |
| 402483.21   | 3808672.23  | 28.93033   | (18102707) | 402498.02   |
| 3808690.88  | 29.67790    | (18102707) |            |             |
| 402512.83   | 3808709.53  | 30.24602   | (18102707) | 402527.64   |
| 3808728.18  | 30.62352    | (18102707) |            |             |
| 402542.44   | 3808746.83  | 30.80277   | (18102707) | 402557.25   |
| 3808765.47  | 30.78005    | (18102707) |            |             |
| 402572.06   | 3808784.12  | 30.55553   | (18102707) | 402586.87   |
| 3808802.77  | 30.13330    | (18102707) |            |             |
| 402601.68   | 3808821.42  | 29.52134   | (18102707) | 402616.49   |
| 3808840.07  | 29.78058    | (19112104) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 402631.30  | 3808858.72          | 30.34964 | (19112104) | 402646.10 |
| 3808877.36 | 30.72572 (19112104) |          |            |           |
| 402660.91  | 3808896.01          | 30.90163 | (19112104) | 402675.72 |
| 3808914.66 | 30.87340 (19112104) |          |            |           |
| 402690.53  | 3808933.31          | 30.64136 | (19112104) | 402705.34 |
| 3808951.96 | 30.20987 (19112104) |          |            |           |
| 402720.15  | 3808970.60          | 29.58737 | (19112104) | 402734.96 |
| 3808989.25 | 29.85377 (19120706) |          |            |           |
| 402749.77  | 3809007.90          | 30.41710 | (19120706) | 402764.57 |
| 3809026.55 | 30.78560 (19120706) |          |            |           |
| 402779.38  | 3809045.20          | 30.95198 | (19120706) | 402794.19 |
| 3809063.85 | 30.91262 (19120706) |          |            |           |
| 402809.00  | 3809082.49          | 30.66820 | (19120706) | 402823.81 |
| 3809101.14 | 30.22328 (19120706) |          |            |           |
| 402838.62  | 3809119.79          | 29.58650 | (19120706) | 402853.43 |
| 3809138.44 | 29.97359 (20020607) |          |            |           |
| 402868.23  | 3809157.09          | 30.52661 | (20020607) | 402883.04 |
| 3809175.74 | 30.88287 (20020607) |          |            |           |
| 402897.85  | 3809194.38          | 31.03496 | (20020607) | 402912.66 |
| 3809213.03 | 30.97982 (20020607) |          |            |           |
| 402927.47  | 3809231.68          | 30.71830 | (20020607) | 402942.28 |
| 3809250.33 | 30.25549 (20020607) |          |            |           |
| 402957.09  | 3809268.98          | 29.60039 | (20020607) | 402971.89 |
| 3809287.63 | 28.76599 (20020607) |          |            |           |
| 402986.70  | 3809306.27          | 27.76802 | (20020607) | 403001.51 |
| 3809324.92 | 26.62481 (20020607) |          |            |           |
| 403016.32  | 3809343.57          | 25.35748 | (20020607) | 403031.13 |
| 3809362.22 | 25.33748 (19112205) |          |            |           |
| 403045.94  | 3809380.87          | 26.47672 | (19112205) | 403060.75 |
| 3809399.52 | 27.48185 (19112205) |          |            |           |
| 403075.55  | 3809418.16          | 28.33352 | (19112205) | 403090.36 |
| 3809436.81 | 29.01635 (19112205) |          |            |           |
| 403105.17  | 3809455.46          | 29.51638 | (19112205) | 403119.98 |
| 3809474.11 | 29.82362 (19112205) |          |            |           |
| 403134.79  | 3809492.76          | 29.93188 | (19112205) | 403149.60 |
| 3809511.41 | 29.83890 (19112205) |          |            |           |
| 403164.41  | 3809530.05          | 29.54660 | (19112205) | 403179.21 |
| 3809548.70 | 29.06080 (19112205) |          |            |           |
| 403194.02  | 3809567.35          | 28.39085 | (19112205) | 403208.83 |
| 3809586.00 | 27.54993 (19112205) |          |            |           |
| 403223.64  | 3809604.65          | 27.30156 | (18013107) | 403238.45 |
| 3809623.30 | 27.56537 (18013107) |          |            |           |
| 403253.26  | 3809641.94          | 27.64471 | (18013107) | 403268.07 |
| 3809660.59 | 27.53804 (18013107) |          |            |           |
| 403282.87  | 3809679.24          | 27.45073 | (16102601) | 403297.68 |
| 3809697.89 | 28.45206 (16102601) |          |            |           |
| 403312.49  | 3809716.54          | 29.29164 | (16102601) | 403327.30 |
| 3809735.19 | 29.95326 (16102601) |          |            |           |
| 403342.11  | 3809753.83          | 30.42379 | (16102601) | 403356.92 |
| 3809772.48 | 30.69422 (16102601) |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 3809884.37  | 403430.96   | 28.09521   | (16102601) | 403445.77   |
| 3809921.67  | 403460.58   | 27.03848   | (16102601) | 403475.39   |
| 3809958.96  | 403490.20   | 24.54155   | (16102601) | 403505.00   |
| 3809996.26  | 403519.81   | 24.23156   | (16010301) | 403534.62   |
| 3810033.56  | 403549.43   | 25.77715   | (16010301) | 403564.24   |
| 3810070.85  | 403579.05   | 26.69269   | (16010301) | 403593.86   |
| 3810108.15  | 403608.66   | 26.90707   | (16010301) | 403623.47   |
| 3810145.45  | 403638.28   | 26.51134   | (18111202) | 403653.09   |
| 3810182.74  | 403667.90   | 28.16190   | (18111202) | 403682.71   |
| 3810220.04  | 403697.52   | 29.12233   | (18111202) | 403712.32   |
| 3810257.34  | 403727.13   | 29.31886   | (18111202) | 403741.94   |
| 3810294.63  | 403756.75   | 28.73675   | (18111202) | 403771.56   |
|             |             |            | (19120705) |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403786.37  | 3810313.28 | 29.76636   | (19120705) | 403801.18 |
| 3810331.93 | 30.35337   | (19120705) |            |           |
| 403815.98  | 3810350.58 | 30.74578   | (19120705) | 403830.79 |
| 3810369.23 | 30.93613   | (19120705) |            |           |
| 403845.60  | 3810387.88 | 30.92073   | (19120705) | 403860.41 |
| 3810406.52 | 30.70016   | (19120705) |            |           |
| 403875.22  | 3810425.17 | 30.27887   | (19120705) | 403890.03 |
| 3810443.82 | 29.66538   | (19120705) |            |           |
| 403904.84  | 3810462.47 | 29.74475   | (16021701) | 403919.64 |
| 3810481.12 | 30.31693   | (16021701) |            |           |
| 403934.45  | 3810499.77 | 30.69552   | (16021701) | 403949.26 |
| 3810518.41 | 30.87312   | (16021701) |            |           |
| 403964.07  | 3810537.06 | 30.84660   | (16021701) | 403978.88 |
| 3810555.71 | 30.61660   | (16021701) |            |           |
| 403993.69  | 3810574.36 | 30.18788   | (16021701) | 404008.50 |
| 3810593.01 | 29.56906   | (16021701) |            |           |
| 404023.30  | 3810611.66 | 28.77254   | (16021701) | 404038.11 |
| 3810630.30 | 27.81360   | (16021701) |            |           |
| 404052.92  | 3810648.95 | 27.69305   | (19091206) | 404067.73 |
| 3810667.60 | 27.84702   | (19091206) |            |           |
| 404082.54  | 3810686.25 | 27.81796   | (19091206) | 404097.35 |
| 3810704.90 | 27.60669   | (19091206) |            |           |
| 404112.16  | 3810723.54 | 27.71751   | (16100607) | 404126.97 |
| 3810742.19 | 28.61216   | (16100607) |            |           |
| 404141.77  | 3810760.84 | 29.34195   | (16100607) | 404156.58 |
| 3810779.49 | 29.89355   | (16100607) |            |           |
| 404171.39  | 3810798.14 | 30.25646   | (16100607) | 404186.20 |
| 3810816.79 | 30.42392   | (16100607) |            |           |
| 404201.01  | 3810835.43 | 30.39300   | (16100607) | 404215.82 |
| 3810854.08 | 30.16461   | (16100607) |            |           |
| 404230.63  | 3810872.73 | 29.74344   | (16100607) | 404245.43 |
| 3810891.38 | 29.13808   | (16100607) |            |           |
| 404260.24  | 3810910.03 | 28.36003   | (16100607) | 404275.05 |
| 3810928.68 | 27.42425   | (16100607) |            |           |
| 404289.86  | 3810947.32 | 26.34849   | (16100607) | 404304.67 |
| 3810965.97 | 25.15139   | (16100607) |            |           |
| 404319.48  | 3810984.62 | 23.85412   | (16100607) | 404334.29 |
| 3811003.27 | 22.74900   | (17092506) |            |           |
| 404349.09  | 3811021.92 | 23.64048   | (17092506) | 404363.90 |
| 3811040.57 | 24.40847   | (17092506) |            |           |
| 404378.71  | 3811059.21 | 25.03880   | (17092506) | 404393.52 |
| 3811077.86 | 25.52049   | (17092506) |            |           |
| 404408.33  | 3811096.51 | 25.84448   | (17092506) | 404423.14 |
| 3811115.16 | 26.00488   | (17092506) |            |           |
| 404437.95  | 3811133.81 | 25.99894   | (17092506) | 404452.75 |
| 3811152.46 | 26.48669   | (18011405) |            |           |
| 404467.56  | 3811171.10 | 27.53575   | (18011405) | 404482.37 |
| 3811189.75 | 28.44385   | (18011405) |            |           |
| 404497.18  | 3811208.40 | 29.19449   | (18011405) | 404511.99 |
| 3811227.05 | 29.77421   | (18011405) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 404526.80  | 3811245.70 | 30.17257   | (18011405) | 404541.61 |
| 3811264.35 | 30.38244   | (18011405) |            |           |
| 404556.41  | 3811282.99 | 30.40032   | (18011405) | 404571.22 |
| 3811301.64 | 30.22627   | (18011405) |            |           |
| 404586.03  | 3811320.29 | 29.86392   | (18011405) | 404600.84 |
| 3811338.94 | 29.32045   | (18011405) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 598

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 404615.65   | 3811357.59  | 28.96644   | (19020108) | 404630.46   |
| 3811376.24  | 29.56813    | (19020108) |            |             |
| 404645.27   | 3811394.88  | 29.99268   | (19020108) | 404660.07   |
| 3811413.53  | 30.23297    | (19020108) |            |             |
| 404674.88   | 3811432.18  | 30.28475   | (19020108) | 404689.69   |
| 3811450.83  | 30.14746    | (19020108) |            |             |
| 404704.50   | 3811469.48  | 29.82409   | (19020108) | 404719.31   |
| 3811488.13  | 29.32105    | (19020108) |            |             |
| 404734.12   | 3811506.77  | 28.64825   | (19020108) | 404748.93   |
| 3811525.42  | 27.81774    | (19020108) |            |             |
| 404763.73   | 3811544.07  | 28.15933   | (16010202) | 404778.54   |
| 3811562.72  | 28.42377    | (16010202) |            |             |
| 404793.35   | 3811581.37  | 28.51370   | (16010202) | 404808.16   |
| 3811600.01  | 28.42793    | (16010202) |            |             |
| 404822.97   | 3811618.66  | 28.16845   | (16010202) | 404837.78   |
| 3811637.31  | 27.74043    | (16010202) |            |             |
| 404852.59   | 3811655.96  | 27.25612   | (20110307) | 404867.40   |
| 3811674.61  | 27.89882    | (20110307) |            |             |
| 404882.20   | 3811693.26  | 28.38197   | (20110307) | 404897.01   |
| 3811711.90  | 28.69732    | (20110307) |            |             |
| 404911.82   | 3811730.55  | 28.83983   | (20110307) | 404926.63   |
| 3811749.20  | 28.80719    | (20110307) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 404941.44  | 3811767.85 | 28.60045   | (20110307) | 404956.25 |
| 3811786.50 | 28.22381   | (20110307) |            |           |
| 404971.06  | 3811805.15 | 27.90310   | (17101307) | 404985.86 |
| 3811823.79 | 28.61447   | (17101307) |            |           |
| 405000.67  | 3811842.44 | 29.16755   | (17101307) | 405015.48 |
| 3811861.09 | 29.55259   | (17101307) |            |           |
| 405030.29  | 3811879.74 | 29.76323   | (17101307) | 405045.10 |
| 3811898.39 | 29.79621   | (17101307) |            |           |
| 405059.91  | 3811917.04 | 29.65142   | (17101307) | 405074.72 |
| 3811935.68 | 29.33211   | (17101307) |            |           |
| 405089.52  | 3811954.33 | 28.84433   | (17101307) | 405104.33 |
| 3811972.98 | 28.19694   | (17101307) |            |           |
| 405119.14  | 3811991.63 | 27.40164   | (17101307) | 405133.95 |
| 3812010.28 | 26.47230   | (17101307) |            |           |
| 405148.76  | 3812028.93 | 25.42462   | (17101307) | 405163.57 |
| 3812047.57 | 24.27619   | (17101307) |            |           |
| 402335.12  | 3808485.75 | 24.86857   | (18020319) | 402316.61 |
| 3808470.76 | 25.07209   | (18020319) |            |           |
| 402298.10  | 3808455.78 | 25.11136   | (18020319) | 402279.59 |
| 3808440.79 | 26.21165   | (17102807) |            |           |
| 402261.08  | 3808425.80 | 27.30975   | (17102807) | 402242.57 |
| 3808410.82 | 28.26661   | (17102807) |            |           |
| 402224.05  | 3808395.83 | 29.06512   | (17102807) | 402205.54 |
| 3808380.85 | 29.68907   | (17102807) |            |           |
| 402187.03  | 3808365.86 | 30.12692   | (17102807) | 402168.52 |
| 3808350.87 | 30.36979   | (17102807) |            |           |
| 402150.01  | 3808335.89 | 30.41284   | (17102807) | 402131.50 |
| 3808320.90 | 30.25505   | (17102807) |            |           |
| 402112.99  | 3808305.92 | 29.89956   | (17102807) | 402094.47 |
| 3808290.93 | 29.35282   | (17102807) |            |           |
| 403188.84  | 3807468.03 | 22.39667   | (17102807) | 403203.60 |
| 3807486.62 | 21.74010   | (18020319) |            |           |
| 403218.37  | 3807505.22 | 21.71836   | (18020319) | 403233.13 |
| 3807523.81 | 21.58300   | (18020319) |            |           |
| 403247.89  | 3807542.40 | 21.33596   | (18020319) | 403262.66 |
| 3807560.99 | 20.98079   | (18020319) |            |           |
| 403277.42  | 3807579.58 | 20.52308   | (18020319) | 403292.19 |
| 3807598.17 | 19.96936   | (18020319) |            |           |
| 403306.95  | 3807616.77 | 19.65005   | (17051904) | 403321.71 |
| 3807635.36 | 20.09827   | (18102707) |            |           |
| 403336.48  | 3807653.95 | 21.17768   | (18102707) | 403351.24 |
| 3807672.54 | 22.19721   | (18102707) |            |           |
| 403366.00  | 3807691.13 | 23.14317   | (18102707) | 403380.77 |
| 3807709.72 | 24.00233   | (18102707) |            |           |
| 403395.53  | 3807728.32 | 24.76179   | (18102707) | 403410.30 |
| 3807746.91 | 25.41003   | (18102707) |            |           |
| 403425.06  | 3807765.50 | 25.93693   | (18102707) | 403439.82 |
| 3807784.09 | 26.33436   | (18102707) |            |           |
| 403454.59  | 3807802.68 | 26.59596   | (18102707) | 403469.35 |
| 3807821.28 | 26.71734   | (18102707) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403484.11  | 3807839.87 | 26.69637   | (18102707) | 403498.88 |
| 3807858.46 | 26.53320   | (18102707) |            |           |
| 403513.64  | 3807877.05 | 26.23041   | (18102707) | 403528.41 |
| 3807895.64 | 25.79241   | (18102707) |            |           |
| 403543.17  | 3807914.23 | 25.49948   | (19112104) | 403557.93 |
| 3807932.83 | 26.02749   | (19112104) |            |           |
| 403572.70  | 3807951.42 | 26.42436   | (19112104) | 403587.46 |
| 3807970.01 | 26.68367   | (19112104) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 599

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 403602.22   | 3807988.60  | 26.80127   | (19112104) | 403616.99   |
| 3808007.19  | 26.77506    | (19112104) |            |             |
| 403631.75   | 3808025.78  | 26.60538   | (19112104) | 403646.52   |
| 3808044.38  | 26.29459    | (19112104) |            |             |
| 403661.28   | 3808062.97  | 25.84787   | (19112104) | 403676.04   |
| 3808081.56  | 25.56992    | (19120706) |            |             |
| 403690.81   | 3808100.15  | 26.09347   | (19120706) | 403705.57   |
| 3808118.74  | 26.48440    | (19120706) |            |             |
| 403720.33   | 3808137.34  | 26.73657   | (19120706) | 403735.10   |
| 3808155.93  | 26.84563    | (19120706) |            |             |
| 403749.86   | 3808174.52  | 26.80978   | (19120706) | 403764.62   |
| 3808193.11  | 26.62952    | (19120706) |            |             |
| 403779.39   | 3808211.70  | 26.30751   | (19120706) | 403794.15   |
| 3808230.29  | 25.84903    | (19120706) |            |             |
| 403808.92   | 3808248.89  | 25.67950   | (20020607) | 403823.68   |
| 3808267.48  | 26.19504    | (20020607) |            |             |
| 403838.44   | 3808286.07  | 26.57647   | (20020607) | 403853.21   |
| 3808304.66  | 26.81762    | (20020607) |            |             |
| 403867.97   | 3808323.25  | 26.91440   | (20020607) | 403882.73   |
| 3808341.85  | 26.86520    | (20020607) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403897.50  | 3808360.44          | 26.67062 | (20020607) | 403912.26 |
| 3808379.03 | 26.33390 (20020607) |          |            |           |
| 403927.03  | 3808397.62          | 25.86014 | (20020607) | 403941.79 |
| 3808416.21 | 25.25713 (20020607) |          |            |           |
| 403956.55  | 3808434.80          | 24.53412 | (20020607) | 403971.32 |
| 3808453.40 | 23.70169 (20020607) |          |            |           |
| 403986.08  | 3808471.99          | 22.77335 | (20020607) | 404000.84 |
| 3808490.58 | 21.76223 (20020607) |          |            |           |
| 404015.61  | 3808509.17          | 21.85677 | (19112205) | 404030.37 |
| 3808527.76 | 22.76168 (19112205) |          |            |           |
| 404045.14  | 3808546.35          | 23.57533 | (19112205) | 404059.90 |
| 3808564.95 | 24.28524 (19112205) |          |            |           |
| 404074.66  | 3808583.54          | 24.88012 | (19112205) | 404089.43 |
| 3808602.13 | 25.35092 (19112205) |          |            |           |
| 404104.19  | 3808620.72          | 25.68987 | (19112205) | 404118.95 |
| 3808639.31 | 25.89157 (19112205) |          |            |           |
| 404133.72  | 3808657.91          | 25.95270 | (19112205) | 404148.48 |
| 3808676.50 | 25.87214 (19112205) |          |            |           |
| 404163.25  | 3808695.09          | 25.65115 | (19112205) | 404178.01 |
| 3808713.68 | 25.29345 (19112205) |          |            |           |
| 404192.77  | 3808732.27          | 24.80472 | (19112205) | 404207.54 |
| 3808750.86 | 24.19253 (19112205) |          |            |           |
| 404222.30  | 3808769.46          | 23.46662 | (19112205) | 404237.06 |
| 3808788.05 | 23.75205 (18013107) |          |            |           |
| 404251.83  | 3808806.64          | 23.92162 | (18013107) | 404266.59 |
| 3808825.23 | 23.96093 (18013107) |          |            |           |
| 404281.36  | 3808843.82          | 23.86931 | (18013107) | 404296.12 |
| 3808862.41 | 23.64832 (18013107) |          |            |           |
| 404310.88  | 3808881.01          | 24.43495 | (16102601) | 404325.65 |
| 3808899.60 | 25.13579 (16102601) |          |            |           |
| 404340.41  | 3808918.19          | 25.71543 | (16102601) | 404355.17 |
| 3808936.78 | 26.16485 (16102601) |          |            |           |
| 404369.94  | 3808955.37          | 26.47689 | (16102601) | 404384.70 |
| 3808973.97 | 26.64642 (16102601) |          |            |           |
| 404399.46  | 3808992.56          | 26.67063 | (16102601) | 404414.23 |
| 3809011.15 | 26.54915 (16102601) |          |            |           |
| 404428.99  | 3809029.74          | 26.28408 | (16102601) | 404443.76 |
| 3809048.33 | 25.87957 (16102601) |          |            |           |
| 404458.52  | 3809066.92          | 25.34241 | (16102601) | 404473.28 |
| 3809085.52 | 24.68083 (16102601) |          |            |           |
| 404488.05  | 3809104.11          | 23.90538 | (16102601) | 404502.81 |
| 3809122.70 | 23.02822 (16102601) |          |            |           |
| 404517.57  | 3809141.29          | 22.06230 | (16102601) | 404532.34 |
| 3809159.88 | 21.02136 (16102601) |          |            |           |
| 404547.10  | 3809178.48          | 20.08616 | (16010301) | 404561.87 |
| 3809197.07 | 20.85894 (16010301) |          |            |           |
| 404576.63  | 3809215.66          | 21.54312 | (16010301) | 404591.39 |
| 3809234.25 | 22.12846 (16010301) |          |            |           |
| 404606.16  | 3809252.84          | 22.60594 | (16010301) | 404620.92 |
| 3809271.43 | 22.96784 (16010301) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 404635.68  | 3809290.03 | 23.20859   | (16010301) | 404650.45 |
| 3809308.62 | 23.32412   | (16010301) |            |           |
| 404665.21  | 3809327.21 | 23.31272   | (16010301) | 404679.98 |
| 3809345.80 | 23.17458   | (16010301) |            |           |
| 404694.74  | 3809364.39 | 22.91212   | (16010301) | 404709.50 |
| 3809382.98 | 23.56813   | (18111202) |            |           |
| 404724.27  | 3809401.58 | 24.19236   | (18111202) | 404739.03 |
| 3809420.17 | 24.69777   | (18111202) |            |           |
| 404753.79  | 3809438.76 | 25.07681   | (18111202) | 404768.56 |
| 3809457.35 | 25.32350   | (18111202) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 600

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 404783.32   | 3809475.94  | 25.43386   | (18111202) | 404798.09   |
| 3809494.54  | 25.40618    | (18111202) |            |             |
| 404812.85   | 3809513.13  | 25.24104   | (18111202) | 404827.61   |
| 3809531.72  | 24.94120    | (18111202) |            |             |
| 404842.38   | 3809550.31  | 24.94314   | (19120705) | 404857.14   |
| 3809568.90  | 25.58790    | (19120705) |            |             |
| 404871.90   | 3809587.49  | 26.10723   | (19120705) | 404886.67   |
| 3809606.09  | 26.49320    | (19120705) |            |             |
| 404901.43   | 3809624.68  | 26.73931   | (19120705) | 404916.20   |
| 3809643.27  | 26.84195    | (19120705) |            |             |
| 404930.96   | 3809661.86  | 26.79958   | (19120705) | 404945.72   |
| 3809680.45  | 26.61301    | (19120705) |            |             |
| 404960.49   | 3809699.04  | 26.28526   | (19120705) | 404975.25   |
| 3809717.64  | 25.82171    | (19120705) |            |             |
| 404990.01   | 3809736.23  | 25.57817   | (16021701) | 405004.78   |
| 3809754.82  | 26.08504    | (16021701) |            |             |
| 405019.54   | 3809773.41  | 26.45869   | (16021701) | 405034.30   |
| 3809792.00  | 26.69342    | (16021701) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 405049.07  | 3809810.60          | 26.78562 | (16021701) | 405063.83 |
| 3809829.19 | 26.73383 (16021701) |          |            |           |
| 405078.60  | 3809847.78          | 26.53905 | (16021701) | 405093.36 |
| 3809866.37 | 26.20467 (16021701) |          |            |           |
| 405108.12  | 3809884.96          | 25.73608 | (16021701) | 405122.89 |
| 3809903.55 | 25.14064 (16021701) |          |            |           |
| 405137.65  | 3809922.15          | 24.42773 | (16021701) | 405152.41 |
| 3809940.74 | 23.86835 (19091206) |          |            |           |
| 405167.18  | 3809959.33          | 24.07381 | (19091206) | 405181.94 |
| 3809977.92 | 24.15145 (19091206) |          |            |           |
| 405196.71  | 3809996.51          | 24.10016 | (19091206) | 405211.47 |
| 3810015.11 | 23.92091 (19091206) |          |            |           |
| 405226.23  | 3810033.70          | 23.90867 | (16100607) | 405241.00 |
| 3810052.29 | 24.63206 (16100607) |          |            |           |
| 405255.76  | 3810070.88          | 25.24208 | (16100607) | 405270.52 |
| 3810089.47 | 25.72969 (16100607) |          |            |           |
| 405285.29  | 3810108.06          | 26.08752 | (16100607) | 405300.05 |
| 3810126.66 | 26.31008 (16100607) |          |            |           |
| 405314.82  | 3810145.25          | 26.39390 | (16100607) | 405329.58 |
| 3810163.84 | 26.33796 (16100607) |          |            |           |
| 405344.34  | 3810182.43          | 26.14334 | (16100607) | 405359.11 |
| 3810201.02 | 25.81320 (16100607) |          |            |           |
| 405373.87  | 3810219.61          | 25.35308 | (16100607) | 405388.63 |
| 3810238.21 | 24.76997 (16100607) |          |            |           |
| 405403.40  | 3810256.80          | 24.07314 | (16100607) | 405418.16 |
| 3810275.39 | 23.27335 (16100607) |          |            |           |
| 405432.93  | 3810293.98          | 22.38204 | (16100607) | 405447.69 |
| 3810312.57 | 21.41244 (16100607) |          |            |           |
| 405462.45  | 3810331.17          | 20.37745 | (16100607) | 405477.22 |
| 3810349.76 | 19.68292 (17092506) |          |            |           |
| 405491.98  | 3810368.35          | 20.38747 | (17092506) | 405506.74 |
| 3810386.94 | 21.00654 (17092506) |          |            |           |
| 405521.51  | 3810405.53          | 21.53123 | (17092506) | 405536.27 |
| 3810424.12 | 21.95363 (17092506) |          |            |           |
| 405551.04  | 3810442.72          | 22.26773 | (17092506) | 405565.80 |
| 3810461.31 | 22.46851 (17092506) |          |            |           |
| 405580.56  | 3810479.90          | 22.55327 | (17092506) | 405595.33 |
| 3810498.49 | 22.52085 (17092506) |          |            |           |
| 405610.09  | 3810517.08          | 22.93110 | (18011405) | 405624.85 |
| 3810535.67 | 23.76012 (18011405) |          |            |           |
| 405639.62  | 3810554.27          | 24.49173 | (18011405) | 405654.38 |
| 3810572.86 | 25.11463 (18011405) |          |            |           |
| 405669.14  | 3810591.45          | 25.62022 | (18011405) | 405683.91 |
| 3810610.04 | 26.00116 (18011405) |          |            |           |
| 405698.67  | 3810628.63          | 26.25177 | (18011405) | 405713.44 |
| 3810647.23 | 26.36856 (18011405) |          |            |           |
| 405728.20  | 3810665.82          | 26.34984 | (18011405) | 405742.96 |
| 3810684.41 | 26.19626 (18011405) |          |            |           |
| 405757.73  | 3810703.00          | 25.91034 | (18011405) | 405772.49 |
| 3810721.59 | 25.49681 (18011405) |          |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 405787.25  | 3810740.18          | 24.96209 | (18011405) | 405802.02 |
| 3810758.78 | 25.43373 (19020108) |          |            |           |
| 405816.78  | 3810777.37          | 25.83316 | (19020108) | 405831.55 |
| 3810795.96 | 26.10530 (19020108) |          |            |           |
| 405846.31  | 3810814.55          | 26.24624 | (19020108) | 405861.07 |
| 3810833.14 | 26.25415 (19020108) |          |            |           |
| 405875.84  | 3810851.74          | 26.12907 | (19020108) | 405890.60 |
| 3810870.33 | 25.87331 (19020108) |          |            |           |
| 405905.36  | 3810888.92          | 25.49094 | (19020108) | 405920.13 |
| 3810907.51 | 24.98780 (19020108) |          |            |           |
| 405934.89  | 3810926.10          | 24.37175 | (19020108) | 405949.66 |
| 3810944.69 | 24.23218 (16010202) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 601

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 405964.42   | 3810963.29          | 24.51642   | (16010202) | 405979.18   |
| 3810981.88  | 24.67943 (16010202) |            |            |             |
| 405993.95   | 3811000.47          | 24.71918   | (16010202) | 406008.71   |
| 3811019.06  | 24.63536 (16010202) |            |            |             |
| 406023.47   | 3811037.65          | 24.42950   | (16010202) | 406038.24   |
| 3811056.24  | 24.10484 (16010202) |            |            |             |
| 406053.00   | 3811074.84          | 23.66639   | (16010202) | 406067.77   |
| 3811093.43  | 23.96967 (20110307) |            |            |             |
| 406082.53   | 3811112.02          | 24.40781   | (20110307) | 406097.29   |
| 3811130.61  | 24.73072 (20110307) |            |            |             |
| 406112.06   | 3811149.20          | 24.93396   | (20110307) | 406126.82   |
| 3811167.80  | 25.01482 (20110307) |            |            |             |
| 406141.58   | 3811186.39          | 24.97231   | (20110307) | 406156.35   |
| 3811204.98  | 24.80738 (20110307) |            |            |             |
| 406171.11   | 3811223.57          | 24.52282   | (20110307) | 406185.88   |
| 3811242.16  | 24.12292 (20110307) |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 406200.64  | 3811260.75 | 24.56684   | (17101307) | 406215.40 |
| 3811279.35 | 25.05953   | (17101307) |            |           |
| 406230.17  | 3811297.94 | 25.43700   | (17101307) | 406244.93 |
| 3811316.53 | 25.69425   | (17101307) |            |           |
| 406259.69  | 3811335.12 | 25.82791   | (17101307) | 406274.46 |
| 3811353.71 | 25.83634   | (17101307) |            |           |
| 406289.22  | 3811372.30 | 25.71977   | (17101307) | 406303.98 |
| 3811390.90 | 25.48008   | (17101307) |            |           |
| 406318.75  | 3811409.49 | 25.12110   | (17101307) | 406333.51 |
| 3811428.08 | 24.64834   | (17101307) |            |           |
| 406348.28  | 3811446.67 | 24.06855   | (17101307) | 406363.04 |
| 3811465.26 | 23.39023   | (17101307) |            |           |
| 403174.08  | 3807449.44 | 23.26506   | (17102807) | 403155.56 |
| 3807434.45 | 24.06376   | (17102807) |            |           |
| 403137.05  | 3807419.47 | 24.75612   | (17102807) | 403118.54 |
| 3807404.48 | 25.33211   | (17102807) |            |           |
| 403100.03  | 3807389.50 | 25.78243   | (17102807) | 403081.52 |
| 3807374.51 | 26.10010   | (17102807) |            |           |
| 403063.01  | 3807359.52 | 26.27987   | (17102807) | 403044.50 |
| 3807344.54 | 26.31879   | (17102807) |            |           |
| 403025.98  | 3807329.55 | 26.21611   | (17102807) | 403007.47 |
| 3807314.56 | 25.97342   | (17102807) |            |           |
| 402988.96  | 3807299.58 | 25.59469   | (17102807) | 402970.45 |
| 3807284.59 | 25.08563   | (17102807) |            |           |
| 402951.94  | 3807269.61 | 24.45451   | (17102807) | 402933.43 |
| 3807254.62 | 23.71064   | (17102807) |            |           |
| 395476.39  | 3816429.65 | 17.21903   | (20051501) | 395458.39 |
| 3816412.65 | 16.72402   | (19090723) |            |           |
| 395440.38  | 3816395.66 | 16.97204   | (16013119) | 395422.38 |
| 3816378.66 | 16.99444   | (16020101) |            |           |
| 395404.37  | 3816361.67 | 17.17385   | (18022415) | 395386.37 |
| 3816344.68 | 17.10374   | (19090816) |            |           |
| 395368.36  | 3816327.68 | 17.33667   | (16013116) | 395350.36 |
| 3816310.69 | 17.66909   | (18041215) |            |           |
| 395332.35  | 3816293.69 | 17.66023   | (17102012) | 395314.35 |
| 3816276.70 | 18.38303   | (19041115) |            |           |
| 395475.55  | 3816394.47 | 16.41576   | (19121411) | 395457.54 |
| 3816377.48 | 16.52696   | (16041410) |            |           |
| 395439.54  | 3816360.48 | 16.62315   | (19031301) | 395421.53 |
| 3816343.49 | 16.72570   | (20012616) |            |           |
| 395403.53  | 3816326.49 | 16.87249   | (19031224) | 395385.52 |
| 3816309.50 | 16.91248   | (17042017) |            |           |
| 395367.52  | 3816292.51 | 17.17278   | (18040219) | 395349.51 |
| 3816275.51 | 17.43265   | (18041214) |            |           |
| 395331.51  | 3816258.52 | 17.72744   | (19031215) | 395492.71 |
| 3816376.29 | 16.45454   | (20051411) |            |           |
| 395474.70  | 3816359.30 | 16.48943   | (19101923) | 395456.70 |
| 3816342.30 | 16.52147   | (16032816) |            |           |
| 395438.69  | 3816325.31 | 16.63789   | (20060714) | 395420.69 |
| 3816308.31 | 16.77247   | (16062317) |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395402.68  | 3816291.32          | 16.93196 | (16122412) | 395384.68 |
| 3816274.33 | 17.22905 (18021903) |          |            |           |
| 395366.67  | 3816257.33          | 17.40560 | (17102011) | 395348.67 |
| 3816240.34 | 17.84723 (18021801) |          |            |           |
| 395509.87  | 3816358.11          | 16.38571 | (16062319) | 395491.86 |
| 3816341.12 | 16.46396 (18051018) |          |            |           |
| 395473.86  | 3816324.12          | 16.55475 | (20050215) | 395455.85 |
| 3816307.13 | 16.70126 (17051719) |          |            |           |
| 395437.85  | 3816290.13          | 16.78779 | (16010715) | 395419.84 |
| 3816273.14 | 17.05190 (16053017) |          |            |           |
| 395401.84  | 3816256.15          | 17.25950 | (19052718) | 395383.83 |
| 3816239.15 | 17.72128 (18021902) |          |            |           |
| 395365.83  | 3816222.16          | 18.04488 | (16072217) | 395544.19 |
| 3816321.75 | 16.48396 (20011417) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 602

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 395526.18   | 3816304.75          | 16.69897   | (17042420) | 395508.18   |
| 3816287.76  | 16.84999 (16032522) |            |            |             |
| 395490.17   | 3816270.77          | 16.96778   | (16110115) | 395472.17   |
| 3816253.77  | 17.12424 (20021616) |            |            |             |
| 395454.16   | 3816236.78          | 17.29248   | (16042424) | 395436.16   |
| 3816219.78  | 17.55260 (16101717) |            |            |             |
| 395418.15   | 3816202.79          | 17.83975   | (18040601) | 395400.15   |
| 3816185.80  | 18.12560 (16012318) |            |            |             |
| 395578.51   | 3816285.39          | 17.95017   | (18021909) | 395560.50   |
| 3816268.39  | 18.26767 (19091619) |            |            |             |
| 395542.50   | 3816251.40          | 18.88391   | (17032519) | 395524.49   |
| 3816234.40  | 19.49312 (20040318) |            |            |             |
| 395506.49   | 3816217.41          | 19.88722   | (20081316) | 395488.48   |
| 3816200.42  | 19.79684 (18012018) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816166.43 | 395470.48 | 3816183.42 | 19.70848   | (20110815) | 395452.47 |
|            |           | 19.19203   | (19092915) |            |           |
| 3816249.02 | 395434.47 | 3816149.43 | 18.83261   | (19051710) | 395612.83 |
|            |           | 23.08148   | (18042904) |            |           |
| 3816215.04 | 395594.82 | 3816232.03 | 24.06953   | (16100301) | 395576.82 |
|            |           | 24.45781   | (19102917) |            |           |
| 3816181.05 | 395558.81 | 3816198.04 | 25.89675   | (20110821) | 395540.81 |
|            |           | 25.26533   | (17022712) |            |           |
| 3816147.06 | 395522.80 | 3816164.05 | 25.38279   | (19052817) | 395504.80 |
|            |           | 23.93066   | (19093015) |            |           |
| 3816113.07 | 395486.79 | 3816130.07 | 23.14301   | (17111415) | 395468.79 |
|            |           | 21.61004   | (18120117) |            |           |
| 3816195.67 | 395647.15 | 3816212.66 | 22.91815   | (17101719) | 395629.14 |
|            |           | 22.24836   | (17102004) |            |           |
| 3816161.68 | 395611.14 | 3816178.68 | 21.25611   | (20110821) | 395593.13 |
|            |           | 20.43547   | (20012413) |            |           |
| 3816127.69 | 395575.13 | 3816144.69 | 19.58510   | (18120212) | 395557.12 |
|            |           | 18.90823   | (18122522) |            |           |
| 3816093.71 | 395539.12 | 3816110.70 | 18.88351   | (18070621) | 395521.11 |
|            |           | 18.86037   | (16120517) |            |           |
| 3816176.30 | 395503.11 | 3816076.71 | 18.92548   | (16022821) | 395681.47 |
|            |           | 18.18287   | (20012708) |            |           |
| 3816142.31 | 395663.46 | 3816159.31 | 17.83668   | (17121608) | 395645.46 |
|            |           | 18.06211   | (16040419) |            |           |
| 3816108.33 | 395627.45 | 3816125.32 | 17.97575   | (17042820) | 395609.45 |
|            |           | 18.12916   | (17051402) |            |           |
| 3816074.34 | 395591.44 | 3816091.33 | 18.26436   | (16011319) | 395573.44 |
|            |           | 18.31445   | (19100923) |            |           |
| 3816040.35 | 395555.43 | 3816057.34 | 18.62505   | (16100509) | 395537.43 |
|            |           | 19.10054   | (17121610) |            |           |
| 3816069.59 | 395732.10 | 3816086.58 | 17.44715   | (16030721) | 395714.10 |
|            |           | 17.61833   | (20101317) |            |           |
| 3816035.60 | 395696.09 | 3816052.60 | 17.76482   | (17022718) | 395678.09 |
|            |           | 17.97957   | (19040610) |            |           |
| 3816001.61 | 395660.08 | 3816018.61 | 18.14265   | (18120211) | 395642.08 |
|            |           | 18.33199   | (18122718) |            |           |
| 3815967.63 | 395624.07 | 3815984.62 | 18.40965   | (17032919) | 395606.07 |
|            |           | 18.98191   | (16121706) |            |           |
| 3815928.89 | 395800.74 | 3816013.86 | 17.95528   | (19051608) | 395782.74 |
|            |           | 18.06218   | (17032205) |            |           |
| 3815894.90 | 395764.73 | 3815979.87 | 18.16652   | (18032020) | 395746.73 |
|            |           | 18.61571   | (16120617) |            |           |
| 3815890.16 | 395728.72 | 3815945.89 | 18.76113   | (16092207) | 395710.72 |
|            |           | 19.07256   | (18100517) |            |           |
| 3815924.14 | 395692.71 | 3815911.90 | 19.59436   | (19022802) | 395674.71 |
|            |           | 20.30815   | (17121611) |            |           |
| 3815890.16 | 395869.38 | 3815941.14 | 34.82246   | (19121906) | 395851.38 |
|            |           | 33.90603   | (17120603) |            |           |
| 3815890.16 | 395833.37 | 3815907.15 | 28.79659   | (19012301) | 395815.37 |
|            |           | 26.37046   | (17121106) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395797.36  | 3815873.16 | 32.84502   | (20121006) | 395779.36 |
| 3815856.17 | 46.39687   | (17111906) |            |           |
| 395761.35  | 3815839.17 | 40.93423   | (17010607) | 395743.35 |
| 3815822.18 | 34.20779   | (18020801) |            |           |
| 395920.02  | 3815851.42 | 103.20097  | (20020502) | 395902.01 |
| 3815834.43 | 98.59199   | (17121907) |            |           |
| 395884.01  | 3815817.43 | 92.33623   | (17122804) | 395866.00 |
| 3815800.44 | 96.64666   | (17111906) |            |           |
| 395848.00  | 3815783.45 | 71.62515   | (17010607) | 395829.99 |
| 3815766.45 | 46.44406   | (17010607) |            |           |
| 395811.99  | 3815749.46 | 37.51202   | (19020801) | 395988.66 |
| 3815778.70 | 163.25556  | (17121907) |            |           |
| 395970.65  | 3815761.71 | 160.13106  | (17122804) | 395952.65 |
| 3815744.71 | 146.82101  | (17111906) |            |           |
| 395934.64  | 3815727.72 | 108.88439  | (16012706) | 395916.64 |
| 3815710.72 | 81.01928   | (17010607) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 603

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395898.63   | 3815693.73  | 72.23278   | (19020801) | 395880.63   |
| 3815676.74  | 78.60826    | (19020801) |            |             |
| 396142.25   | 3815579.90  | 280.75062  | (19120705) | 396124.24   |
| 3815562.90  | 270.23619   | (18111202) |            |             |
| 396106.24   | 3815545.91  | 260.11315  | (18111202) | 396088.23   |
| 3815528.92  | 265.46920   | (16010301) |            |             |
| 396070.23   | 3815511.92  | 278.38783  | (17121001) | 396052.22   |
| 3815494.93  | 272.69283   | (17121001) |            |             |
| 396295.84   | 3815381.10  | 243.33548  | (16010301) | 396277.84   |
| 3815364.10  | 241.64060   | (16102601) |            |             |
| 396259.83   | 3815347.11  | 273.65160  | (16102601) | 396241.83   |
| 3815330.11  | 257.78372   | (16102601) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396223.82  | 3815313.12 | 260.80244  | (19112205) | 396467.44 |
| 3815199.29 | 229.73876  | (16102601) |            |           |
| 396449.44  | 3815182.30 | 234.50401  | (16102601) | 396431.43 |
| 3815165.30 | 217.56176  | (18013107) |            |           |
| 396413.43  | 3815148.31 | 229.77228  | (19112205) | 396395.42 |
| 3815131.31 | 228.82266  | (19112205) |            |           |
| 396621.04  | 3815000.49 | 188.88142  | (18013107) | 396603.03 |
| 3814983.49 | 203.07966  | (19112205) |            |           |
| 396585.03  | 3814966.50 | 198.19039  | (19112205) | 396567.02 |
| 3814949.51 | 186.84066  | (20020607) |            |           |
| 396928.22  | 3814602.89 | 162.83187  | (20020607) | 396910.22 |
| 3814585.89 | 167.19626  | (20020607) |            |           |
| 397253.41  | 3814222.28 | 136.04304  | (19120706) | 399950.24 |
| 3811725.71 | 53.43273   | (19120706) |            |           |
| 400865.44  | 3810756.07 | 41.85455   | (19120706) | 400847.43 |
| 3810739.08 | 41.98943   | (19112104) |            |           |
| 400829.43  | 3810722.08 | 42.92289   | (19112104) | 400811.42 |
| 3810705.09 | 43.36616   | (19112104) |            |           |
| 400793.42  | 3810688.09 | 43.30324   | (19112104) | 400775.41 |
| 3810671.10 | 42.73616   | (19112104) |            |           |
| 401780.63  | 3809786.43 | 35.90393   | (19112104) | 401762.63 |
| 3809769.44 | 36.02699   | (19112104) |            |           |
| 401744.62  | 3809752.44 | 35.82743   | (19112104) | 401726.62 |
| 3809735.45 | 35.31059   | (19112104) |            |           |
| 401708.61  | 3809718.45 | 34.48947   | (19112104) | 401690.61 |
| 3809701.46 | 34.92826   | (18102707) |            |           |
| 401672.60  | 3809684.47 | 35.60128   | (18102707) | 401654.60 |
| 3809667.47 | 35.96239   | (18102707) |            |           |
| 401636.59  | 3809650.48 | 36.00191   | (18102707) | 401618.59 |
| 3809633.48 | 35.71854   | (18102707) |            |           |
| 401600.58  | 3809616.49 | 35.11987   | (18102707) | 402695.82 |
| 3808816.79 | 30.33995   | (19112104) |            |           |
| 402677.82  | 3808799.80 | 29.88687   | (19112104) | 402659.81 |
| 3808782.80 | 29.23119   | (19112104) |            |           |
| 402641.81  | 3808765.81 | 29.61160   | (18102707) | 402623.80 |
| 3808748.82 | 30.15872   | (18102707) |            |           |
| 402605.80  | 3808731.82 | 30.49772   | (18102707) | 402587.79 |
| 3808714.83 | 30.62143   | (18102707) |            |           |
| 402569.79  | 3808697.83 | 30.52706   | (18102707) | 402551.78 |
| 3808680.84 | 30.21662   | (18102707) |            |           |
| 402533.78  | 3808663.85 | 29.69674   | (18102707) | 402515.77 |
| 3808646.85 | 28.97779   | (18102707) |            |           |
| 403611.02  | 3807847.15 | 25.24070   | (19112104) | 403593.01 |
| 3807830.16 | 25.57563   | (18102707) |            |           |
| 403575.01  | 3807813.16 | 26.02715   | (18102707) | 403557.00 |
| 3807796.17 | 26.33331   | (18102707) |            |           |
| 403539.00  | 3807779.18 | 26.48872   | (18102707) | 403520.99 |
| 3807762.18 | 26.49072   | (18102707) |            |           |
| 403502.99  | 3807745.19 | 26.33922   | (18102707) | 403484.98 |
| 3807728.19 | 26.03664   | (18102707) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403466.98  | 3807711.20 | 25.58848   | (18102707) | 403448.97 |
| 3807694.21 | 25.00208   | (18102707) |            |           |
| 403430.97  | 3807677.21 | 24.28732   | (18102707) | 395291.74 |
| 3816263.87 | 19.79491   | (17102014) |            |           |
| 395257.77  | 3816246.22 | 22.47791   | (16111617) | 395303.26 |
| 3816241.69 | 18.48803   | (17032715) |            |           |
| 395269.30  | 3816224.04 | 20.27481   | (17032714) | 395314.79 |
| 3816219.50 | 18.44015   | (16071017) |            |           |
| 395280.83  | 3816201.85 | 19.68613   | (18040610) | 395343.30 |
| 3816206.15 | 18.41625   | (17042317) |            |           |
| 395309.34  | 3816188.50 | 19.05533   | (17042416) | 395275.37 |
| 3816170.85 | 20.06989   | (16092216) |            |           |
| 395377.62  | 3816169.78 | 18.68485   | (18041911) | 395349.37 |
| 3816152.95 | 19.39358   | (17022216) |            |           |
| 395315.41  | 3816135.30 | 20.18648   | (16020112) | 395404.43 |
| 3816128.09 | 18.83434   | (16062114) |            |           |
| 395372.43  | 3816108.59 | 19.69743   | (19051712) | 395338.46 |
| 3816090.94 | 19.84118   | (18021913) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 604

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395426.55   | 3816083.05  | 19.90936   | (18080617) | 395395.49   |
| 3816064.22  | 19.66071    | (18022314) |            |             |
| 395361.52   | 3816046.57  | 19.67117   | (17033021) | 395449.04   |
| 3816038.28  | 19.72764    | (18011916) |            |             |
| 395476.07   | 3816057.50  | 19.33322   | (19012116) | 395418.54   |
| 3816019.85  | 19.43906    | (18031717) |            |             |
| 395384.58   | 3816002.20  | 19.33856   | (20090715) | 395471.72   |
| 3815993.65  | 20.01359    | (16021817) |            |             |
| 395498.00   | 3816012.33  | 19.83183   | (19020516) | 395441.60   |
| 3815975.48  | 19.71748    | (17061216) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3815905.87 | 395407.63 | 3815957.83 | 19.57127   | (17053113) | 395519.17 |
|            |           | 20.72968   | (19030517) |            |           |
| 3815947.04 | 395548.14 | 3815926.45 | 20.44164   | (17120317) | 395577.10 |
|            |           | 19.84433   | (18040320) |            |           |
| 3815869.10 | 395487.71 | 3815886.75 | 20.68822   | (19012115) | 395453.74 |
|            |           | 20.57915   | (18022717) |            |           |
| 3815839.86 | 395566.29 | 3815817.85 | 21.31782   | (19122311) | 395597.27 |
|            |           | 21.42592   | (19040923) |            |           |
| 3815798.02 | 395628.24 | 3815861.88 | 21.89934   | (18040822) | 395533.82 |
|            |           | 21.36415   | (20052318) |            |           |
| 3815728.51 | 395499.85 | 3815780.37 | 21.50854   | (19102919) | 395611.56 |
|            |           | 26.79001   | (17030623) |            |           |
| 3815770.14 | 395640.84 | 3815749.33 | 24.29833   | (17120705) | 395670.13 |
|            |           | 21.67130   | (16032321) |            |           |
| 3815709.28 | 395699.42 | 3815790.96 | 23.78554   | (19011419) | 395579.93 |
|            |           | 25.02011   | (19022020) |            |           |
| 3815640.29 | 395545.96 | 3815691.63 | 22.16255   | (19051521) | 395658.38 |
|            |           | 43.65852   | (20120104) |            |           |
| 3815683.96 | 395689.10 | 3815662.12 | 62.39082   | (16111802) | 395719.82 |
|            |           | 67.20136   | (18120402) |            |           |
| 3815727.62 | 395750.54 | 3815705.79 | 44.65102   | (19123105) | 395781.27 |
|            |           | 33.98148   | (17011701) |            |           |
| 3815602.90 | 395626.04 | 3815620.55 | 57.68254   | (17121004) | 395592.08 |
|            |           | 50.69421   | (19121720) |            |           |
| 3815572.05 | 395703.86 | 3815551.11 | 112.09140  | (17121004) | 395733.32 |
|            |           | 129.80916  | (20120104) |            |           |
| 3815613.92 | 395762.78 | 3815592.98 | 146.61745  | (16111802) | 395792.24 |
|            |           | 170.40939  | (19103106) |            |           |
| 3815655.80 | 395821.70 | 3815634.86 | 183.73753  | (19123105) | 395851.17 |
|            |           | 127.05327  | (17013001) |            |           |
| 3815514.16 | 395672.15 | 3815531.81 | 92.88317   | (19121720) | 395638.19 |
|            |           | 83.12380   | (16010102) |            |           |
| 3815395.86 | 395819.90 | 3815329.81 | 253.70441  | (19020707) | 395850.88 |
|            |           | 328.69650  | (20120801) |            |           |
| 3815439.89 | 395881.85 | 3815373.84 | 269.91914  | (18102707) | 395912.83 |
|            |           | 331.95871  | (18102707) |            |           |
| 3815309.98 | 395943.81 | 3815417.87 | 329.48178  | (19120706) | 395974.78 |
|            |           | 306.45297  | (20020607) |            |           |
| 3815107.77 | 396005.76 | 3815461.90 | 229.46158  | (19112205) | 395787.43 |
|            |           | 226.34176  | (16111907) |            |           |
| 3815151.01 | 395753.46 | 3815292.33 | 217.30621  | (18111206) | 395934.90 |
|            |           | 287.33054  | (16022023) |            |           |
| 3815280.70 | 395965.31 | 3815129.39 | 259.12841  | (19020707) | 395995.72 |
|            |           | 265.80892  | (17102807) |            |           |
| 3815194.24 | 396026.14 | 3815172.62 | 272.00742  | (17102807) | 396056.55 |
|            |           | 233.46874  | (18102707) |            |           |
| 3815237.47 | 396086.96 | 3815215.85 | 284.34916  | (18102707) | 396117.38 |
|            |           | 281.35818  | (19112104) |            |           |
|            | 396147.79 | 3815259.08 | 274.70432  | (20020607) | 396178.20 |
|            |           | 262.61285  | (20020607) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395902.71  | 3815088.14 | 278.45771  | (20091106) | 395868.74 |
| 3815070.49 | 292.09250  | (20112807) |            |           |
| 396049.99  | 3814885.81 | 231.51397  | (20091106) | 396080.02 |
| 3814907.15 | 242.74176  | (20091106) |            |           |
| 396110.06  | 3814928.50 | 240.52950  | (16022023) | 396140.10 |
| 3814949.85 | 211.04357  | (19020707) |            |           |
| 396170.14  | 3814971.20 | 241.17730  | (17102807) | 396200.17 |
| 3814992.55 | 225.52144  | (17102807) |            |           |
| 396230.21  | 3815013.90 | 200.83651  | (18102707) | 396260.25 |
| 3815035.24 | 244.62642  | (18102707) |            |           |
| 396290.29  | 3815056.59 | 245.08183  | (19112104) | 396320.33 |
| 3815077.94 | 243.69800  | (19120706) |            |           |
| 396350.36  | 3815099.29 | 243.68319  | (20020607) | 396017.98 |
| 3814866.31 | 250.30417  | (20112807) |            |           |
| 395984.02  | 3814848.66 | 221.94341  | (20112807) | 396165.68 |
| 3814664.27 | 218.29102  | (20112807) |            |           |
| 396196.55  | 3814686.21 | 196.90426  | (20091106) | 396227.42 |
| 3814708.15 | 216.11436  | (20091106) |            |           |
| 396258.30  | 3814730.09 | 216.69758  | (16022023) | 396289.17 |
| 3814752.03 | 192.16211  | (19020707) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 605

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396320.04   | 3814773.97  | 193.18432  | (17102807) | 396350.91   |
| 3814795.92  | 213.33424   | (17102807) |            |             |
| 396381.79   | 3814817.86  | 180.04574  | (18020319) | 396412.66   |
| 3814839.80  | 190.78124   | (18102707) |            |             |
| 396443.53   | 3814861.74  | 213.79234  | (18102707) | 396474.40   |
| 3814883.68  | 213.96173   | (19112104) |            |             |
| 396505.28   | 3814905.62  | 212.87364  | (19120706) | 396536.15   |
| 3814927.56  | 212.88272   | (20020607) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396133.26  | 3814644.47 | 199.17660  | (20112807) | 396099.30 |
| 3814626.82 | 216.96753  | (18102723) |            |           |
| 396396.37  | 3814220.69 | 163.06845  | (18102723) | 396427.51 |
| 3814242.82 | 162.72556  | (20112807) |            |           |
| 396458.65  | 3814264.96 | 171.58804  | (20112807) | 396489.80 |
| 3814287.09 | 147.68573  | (20091106) |            |           |
| 396520.94  | 3814309.22 | 170.60036  | (20091106) | 396552.08 |
| 3814331.36 | 168.56836  | (16022023) |            |           |
| 396583.22  | 3814353.49 | 165.44186  | (16022023) | 396614.37 |
| 3814375.62 | 149.11147  | (19020707) |            |           |
| 396645.51  | 3814397.76 | 149.26751  | (17102807) | 396676.65 |
| 3814419.89 | 168.52902  | (17102807) |            |           |
| 396707.79  | 3814442.02 | 155.04264  | (17102807) | 396738.93 |
| 3814464.16 | 135.09798  | (18020319) |            |           |
| 396770.08  | 3814486.29 | 157.74671  | (18102707) | 396801.22 |
| 3814508.42 | 168.06729  | (18102707) |            |           |
| 396832.36  | 3814530.56 | 168.39861  | (19112104) | 396863.50 |
| 3814552.69 | 165.72754  | (19120706) |            |           |
| 396363.82  | 3814200.80 | 169.64020  | (18102723) | 396329.85 |
| 3814183.15 | 143.37399  | (18102723) |            |           |
| 396626.64  | 3813776.82 | 132.95419  | (18102723) | 396657.22 |
| 3813798.55 | 139.72440  | (18102723) |            |           |
| 396687.79  | 3813820.28 | 126.51751  | (18102723) | 396718.36 |
| 3813842.01 | 134.87394  | (20112807) |            |           |
| 396748.94  | 3813863.74 | 140.50164  | (20112807) | 396779.51 |
| 3813885.47 | 126.09841  | (20112807) |            |           |
| 396810.09  | 3813907.20 | 134.76513  | (20091106) | 396840.66 |
| 3813928.93 | 139.17703  | (20091106) |            |           |
| 396871.24  | 3813950.66 | 139.81890  | (16022023) | 396901.81 |
| 3813972.38 | 133.57989  | (16022023) |            |           |
| 396932.38  | 3813994.11 | 122.13931  | (19020707) | 396962.96 |
| 3814015.84 | 113.57129  | (18102518) |            |           |
| 396993.53  | 3814037.57 | 133.86701  | (17102807) | 397024.11 |
| 3814059.30 | 136.57405  | (17102807) |            |           |
| 397054.68  | 3814081.03 | 120.52790  | (17102807) | 397085.26 |
| 3814102.76 | 109.10372  | (18020319) |            |           |
| 397115.83  | 3814124.49 | 125.79229  | (18102707) | 397146.40 |
| 3814146.22 | 137.70359  | (18102707) |            |           |
| 397176.98  | 3814167.95 | 133.65694  | (19112104) | 397207.55 |
| 3814189.68 | 136.57446  | (19112104) |            |           |
| 396594.37  | 3813757.13 | 108.88358  | (18102723) | 396560.41 |
| 3813739.48 | 99.29666   | (20121608) |            |           |
| 396857.31  | 3813333.23 | 85.86718   | (18102723) | 396888.12 |
| 3813355.12 | 106.26483  | (18102723) |            |           |
| 396918.92  | 3813377.01 | 117.06760  | (18102723) | 396949.72 |
| 3813398.91 | 114.79460  | (18102723) |            |           |
| 396980.53  | 3813420.80 | 103.27545  | (18122121) | 397011.33 |
| 3813442.69 | 115.17079  | (20112807) |            |           |
| 397042.14  | 3813464.59 | 117.98908  | (20112807) | 397072.94 |
| 3813486.48 | 107.57406  | (20112807) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397103.74  | 3813508.37 | 110.00356  | (20091106) | 397134.55 |
| 3813530.27 | 117.75310  | (20091106) |            |           |
| 397165.35  | 3813552.16 | 113.86199  | (16022023) | 397196.16 |
| 3813574.05 | 117.58641  | (16022023) |            |           |
| 397226.96  | 3813595.94 | 108.16925  | (16022023) | 397257.77 |
| 3813617.84 | 101.67462  | (19020707) |            |           |
| 397288.57  | 3813639.73 | 95.30764   | (18102518) | 397319.37 |
| 3813661.62 | 110.95799  | (17102807) |            |           |
| 397350.18  | 3813683.52 | 115.89197  | (17102807) | 397380.98 |
| 3813705.41 | 108.04001  | (17102807) |            |           |
| 397411.79  | 3813727.30 | 95.77991   | (18020319) | 397442.59 |
| 3813749.20 | 91.85307   | (18102707) |            |           |
| 397473.40  | 3813771.09 | 109.13505  | (18102707) | 397504.20 |
| 3813792.98 | 115.96932  | (18102707) |            |           |
| 397535.00  | 3813814.88 | 111.92211  | (19112104) | 397565.81 |
| 3813836.77 | 115.51740  | (19112104) |            |           |
| 396824.93  | 3813313.46 | 83.51297   | (20121608) | 396790.96 |
| 3813295.81 | 96.66447   | (20121608) |            |           |
| 397087.95  | 3812889.62 | 71.68314   | (20121608) | 397118.93 |
| 3812911.63 | 69.71933   | (18102723) |            |           |
| 397149.91  | 3812933.65 | 86.61934   | (18102723) | 397180.88 |
| 3812955.66 | 97.98968   | (18102723) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 606

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 397211.86   | 3812977.68  | 100.93464  | (18102723) | 397242.84   |
| 3812999.70  | 94.64946    | (18102723) |            |             |
| 397273.81   | 3813021.71  | 89.79165   | (20112807) | 397304.79   |
| 3813043.73  | 99.82214    | (20112807) |            |             |
| 397335.77   | 3813065.74  | 101.01714  | (20112807) | 397366.74   |
| 3813087.76  | 93.06311    | (20112807) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3813131.79 | 397397.72 | 3813109.77 | 91.70473   | (20091106) | 397428.69 |
|            |           | 100.15615  | (20091106) |            |           |
|            | 397459.67 | 3813153.80 | 99.60392   | (20091106) | 397490.65 |
| 3813175.82 |           | 100.56774  | (16022023) |            |           |
|            | 397521.62 | 3813197.84 | 99.18799   | (16022023) | 397552.60 |
| 3813219.85 |           | 89.13242   | (16022023) |            |           |
|            | 397583.58 | 3813241.87 | 86.26423   | (19020707) | 397614.55 |
| 3813263.88 |           | 81.62151   | (18102518) |            |           |
|            | 397645.53 | 3813285.90 | 93.97618   | (17102807) | 397676.51 |
| 3813307.91 |           | 99.43009   | (17102807) |            |           |
|            | 397707.48 | 3813329.93 | 95.98447   | (17102807) | 397738.46 |
| 3813351.95 |           | 84.58110   | (17102807) |            |           |
|            | 397769.44 | 3813373.96 | 79.43475   | (18020319) | 397800.41 |
| 3813395.98 |           | 83.95353   | (18102707) |            |           |
|            | 397831.39 | 3813417.99 | 95.58079   | (18102707) | 397862.37 |
| 3813440.01 |           | 99.47579   | (18102707) |            |           |
|            | 397055.48 | 3812869.78 | 81.88536   | (20121608) | 397021.52 |
| 3812852.13 |           | 85.21695   | (20121608) |            |           |
|            | 397702.85 | 3811706.55 | 60.16194   | (20121608) | 397733.99 |
| 3811728.68 |           | 59.32467   | (20121608) |            |           |
|            | 397765.13 | 3811750.81 | 55.23400   | (20121608) | 397796.26 |
| 3811772.95 |           | 48.54796   | (20121608) |            |           |
|            | 397827.40 | 3811795.08 | 47.72108   | (18102723) | 397858.54 |
| 3811817.21 |           | 57.65238   | (18102723) |            |           |
|            | 397889.68 | 3811839.34 | 65.74273   | (18102723) | 397920.82 |
| 3811861.47 |           | 70.75854   | (18102723) |            |           |
|            | 397951.96 | 3811883.60 | 71.87660   | (18102723) | 397983.10 |
| 3811905.73 |           | 68.90502   | (18102723) |            |           |
|            | 398014.24 | 3811927.86 | 62.65329   | (18122121) | 398045.38 |
| 3811950.00 |           | 66.05426   | (20112807) |            |           |
|            | 398076.52 | 3811972.13 | 71.09023   | (20112807) | 398107.66 |
| 3811994.26 |           | 72.20181   | (20112807) |            |           |
|            | 398138.80 | 3812016.39 | 69.20303   | (20112807) | 398169.94 |
| 3812038.52 |           | 62.59661   | (20112807) |            |           |
|            | 398201.08 | 3812060.65 | 65.73988   | (20091106) | 398232.22 |
| 3812082.78 |           | 70.73993   | (20091106) |            |           |
|            | 398263.35 | 3812104.91 | 71.84532   | (20091106) | 398294.49 |
| 3812127.05 |           | 68.87638   | (20091106) |            |           |
|            | 398325.63 | 3812149.18 | 71.82417   | (16022023) | 398356.77 |
| 3812171.31 |           | 70.89677   | (16022023) |            |           |
|            | 398387.91 | 3812193.44 | 66.07588   | (16022023) | 398419.05 |
| 3812215.57 |           | 62.63224   | (19020707) |            |           |
|            | 398450.19 | 3812237.70 | 60.12244   | (19020707) | 398481.33 |
| 3812259.83 |           | 57.84436   | (18102518) |            |           |
|            | 398512.47 | 3812281.96 | 64.39670   | (17102807) | 398543.61 |
| 3812304.10 |           | 69.43817   | (17102807) |            |           |
|            | 398574.75 | 3812326.23 | 70.74446   | (17102807) | 398605.89 |
| 3812348.36 |           | 68.11767   | (17102807) |            |           |
|            | 398637.03 | 3812370.49 | 62.00186   | (17102807) | 398668.17 |
| 3812392.62 |           | 58.03258   | (18020319) |            |           |

|            |            |            |            |            |           |
|------------|------------|------------|------------|------------|-----------|
| 3811686.66 | 398699.31  | 3812414.75 | 54.46872   | (18020319) | 397670.29 |
| 397636.33  | 60.67681   | (16012118) |            |            |           |
| 3810523.34 | 398348.45  | 3810545.31 | 63.44329   | (16012118) | 398317.54 |
| 3810567.28 | 47.83290   | (16012118) |            |            |           |
| 398410.27  | 3810545.31 | 45.67891   | (16012118) |            | 398379.36 |
| 3810611.21 | 45.65340   | (20121608) |            |            |           |
| 398472.08  | 3810589.24 | 45.55179   | (20121608) |            | 398441.17 |
| 3810655.14 | 43.73720   | (20121608) |            |            |           |
| 398533.90  | 3810633.18 | 40.40740   | (20121608) |            | 398502.99 |
| 3810699.08 | 35.91759   | (20121608) |            |            |           |
| 398595.71  | 3810677.11 | 34.87232   | (18102723) |            | 398564.80 |
| 3810743.01 | 41.25180   | (18102723) |            |            |           |
| 398657.53  | 3810721.04 | 46.94839   | (18102723) |            | 398626.62 |
| 3810786.94 | 51.40460   | (18102723) |            |            |           |
| 398719.34  | 3810764.98 | 54.14574   | (18102723) |            | 398688.43 |
| 3810830.88 | 54.86511   | (18102723) |            |            |           |
| 398781.16  | 3810808.91 | 53.47984   | (18102723) |            | 398750.25 |
| 3810874.81 | 50.14506   | (18102723) |            |            |           |
| 398842.97  | 3810852.84 | 47.77834   | (18122121) |            | 398812.06 |
| 3810918.74 | 50.62295   | (20112807) |            |            |           |
| 398904.79  | 3810896.77 | 53.84532   | (20112807) |            | 398873.88 |
| 3810962.67 | 55.09239   | (20112807) |            |            |           |
|            | 3810940.71 | 54.22226   | (20112807) |            | 398935.69 |
|            | 51.33610   | (20112807) |            |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 607

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398966.60   | 3810984.64  | 46.75364   | (20112807) | 398997.51   |
| 3811006.61  | 49.33190    | (20091106) |            |             |
| 399028.42   | 3811028.57  | 52.98118   | (20091106) | 399059.32   |
| 3811050.54  | 54.73885    | (20091106) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 399090.23  | 3811072.51          | 54.40901 | (20091106) | 399121.14 |
| 3811094.47 | 52.60591 (16022023) |          |            |           |
| 399152.05  | 3811116.44          | 54.62585 | (16022023) | 399182.95 |
| 3811138.41 | 54.57748 (16022023) |          |            |           |
| 399213.86  | 3811160.37          | 52.47039 | (16022023) | 399244.77 |
| 3811182.34 | 48.54295 (16022023) |          |            |           |
| 399275.68  | 3811204.31          | 47.56468 | (19020707) | 399306.58 |
| 3811226.27 | 45.98337 (19020707) |          |            |           |
| 399337.49  | 3811248.24          | 43.62916 | (18102518) | 399368.40 |
| 3811270.20 | 45.87255 (17102807) |          |            |           |
| 399399.31  | 3811292.17          | 50.30447 | (17102807) | 399430.21 |
| 3811314.14 | 53.10142 (17102807) |          |            |           |
| 399461.12  | 3811336.10          | 53.96547 | (17102807) | 399492.03 |
| 3811358.07 | 52.80683 (17102807) |          |            |           |
| 399522.94  | 3811380.04          | 49.76009 | (17102807) | 399553.84 |
| 3811402.00 | 45.16099 (17102807) |          |            |           |
| 398285.11  | 3810503.54          | 48.22919 | (16012118) | 398251.14 |
| 3810485.89 | 51.30411 (18010107) |          |            |           |
| 398932.42  | 3809340.26          | 39.02829 | (18010107) | 398963.44 |
| 3809362.31 | 38.74635 (16012118) |          |            |           |
| 398994.47  | 3809384.36          | 38.05475 | (16012118) | 399025.50 |
| 3809406.42 | 36.33952 (16012118) |          |            |           |
| 399056.52  | 3809428.47          | 36.56375 | (20121608) | 399087.55 |
| 3809450.52 | 36.66944 (20121608) |          |            |           |
| 399118.57  | 3809472.57          | 35.75293 | (20121608) | 399149.60 |
| 3809494.62 | 33.88781 (20121608) |          |            |           |
| 399180.63  | 3809516.67          | 31.22324 | (20121608) | 399211.65 |
| 3809538.72 | 27.96428 (20121608) |          |            |           |
| 399242.68  | 3809560.77          | 27.40223 | (18102723) | 399273.70 |
| 3809582.82 | 31.84296 (18102723) |          |            |           |
| 399304.73  | 3809604.87          | 35.96901 | (18102723) | 399335.76 |
| 3809626.92 | 39.49187 (18102723) |          |            |           |
| 399366.78  | 3809648.97          | 42.14435 | (18102723) | 399397.81 |
| 3809671.02 | 43.71470 (18102723) |          |            |           |
| 399428.83  | 3809693.08          | 44.07156 | (18102723) | 399459.86 |
| 3809715.13 | 43.18403 (18102723) |          |            |           |
| 399490.89  | 3809737.18          | 41.12581 | (18102723) | 399521.91 |
| 3809759.23 | 38.19851 (18122121) |          |            |           |
| 399552.94  | 3809781.28          | 38.20273 | (18122121) | 399583.96 |
| 3809803.33 | 41.24250 (20112807) |          |            |           |
| 399614.99  | 3809825.38          | 43.31631 | (20112807) | 399646.02 |
| 3809847.43 | 44.21589 (20112807) |          |            |           |
| 399677.04  | 3809869.48          | 43.86633 | (20112807) | 399708.07 |
| 3809891.53 | 42.29717 (20112807) |          |            |           |
| 399739.09  | 3809913.58          | 39.63958 | (20112807) | 399770.12 |
| 3809935.63 | 36.42496 (20091106) |          |            |           |
| 399801.15  | 3809957.68          | 39.85307 | (20091106) | 399832.17 |
| 3809979.73 | 42.37923 (20091106) |          |            |           |
| 399863.20  | 3810001.79          | 43.80253 | (20091106) | 399894.22 |
| 3810023.84 | 44.00512 (20091106) |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399796.16  | 3808334.06 | 29.94744   | (20121608) | 399827.27 |
| 3808356.17 | 28.83464   | (20121608) |            |           |
| 399858.38  | 3808378.28 | 27.16597   | (20121608) | 399889.49 |
| 3808400.39 | 25.04243   | (20121608) |            |           |
| 399920.60  | 3808422.50 | 22.58668   | (20121608) | 399951.71 |
| 3808444.61 | 22.33087   | (18102723) |            |           |
| 399982.82  | 3808466.72 | 25.58286   | (18102723) | 400013.93 |
| 3808488.83 | 28.67592   | (18102723) |            |           |
| 400045.04  | 3808510.94 | 31.44893   | (18102723) | 400076.16 |
| 3808533.06 | 33.74573   | (18102723) |            |           |
| 400107.27  | 3808555.17 | 35.42654   | (18102723) | 400138.38 |
| 3808577.28 | 36.38679   | (18102723) |            |           |
| 400169.49  | 3808599.39 | 36.56443   | (18102723) | 400200.60 |
| 3808621.50 | 35.94750   | (18102723) |            |           |
| 400231.71  | 3808643.61 | 34.57551   | (18102723) | 400262.82 |
| 3808665.72 | 32.53520   | (18102723) |            |           |
| 400293.93  | 3808687.83 | 31.78258   | (18122121) | 400325.04 |
| 3808709.94 | 32.46916   | (20112807) |            |           |
| 400356.15  | 3808732.05 | 34.55777   | (20112807) | 400387.26 |
| 3808754.16 | 35.98346   | (20112807) |            |           |
| 400418.37  | 3808776.28 | 36.65607   | (20112807) | 400449.48 |
| 3808798.39 | 36.53198   | (20112807) |            |           |
| 400480.59  | 3808820.50 | 35.61964   | (20112807) | 400511.71 |
| 3808842.61 | 33.97748   | (20112807) |            |           |
| 400542.82  | 3808864.72 | 31.70953   | (20112807) | 400573.93 |
| 3808886.83 | 30.77743   | (20091106) |            |           |
| 400605.04  | 3808908.94 | 33.20577   | (20091106) | 400636.15 |
| 3808931.05 | 35.05013   | (20091106) |            |           |
| 400667.26  | 3808953.16 | 36.19677   | (20091106) | 400698.37 |
| 3808975.27 | 36.57325   | (20091106) |            |           |
| 400729.48  | 3808997.38 | 36.15596   | (20091106) | 400760.59 |
| 3809019.50 | 34.97240   | (20091106) |            |           |
| 400791.70  | 3809041.61 | 35.90155   | (16022023) | 400822.81 |
| 3809063.72 | 36.52977   | (16022023) |            |           |
| 400853.92  | 3809085.83 | 36.36913   | (16022023) | 400885.03 |
| 3809107.94 | 35.43105   | (16022023) |            |           |
| 400916.14  | 3809130.05 | 33.77636   | (16022023) | 400947.26 |
| 3809152.16 | 31.57805   | (19020707) |            |           |
| 400978.37  | 3809174.27 | 31.66698   | (19020707) | 401009.48 |
| 3809196.38 | 31.07667   | (19020707) |            |           |
| 401040.59  | 3809218.49 | 29.84593   | (19020707) | 401071.70 |
| 3809240.61 | 29.04620   | (18102518) |            |           |
| 401102.81  | 3809262.72 | 29.41327   | (17102807) | 401133.92 |
| 3809284.83 | 31.93710   | (17102807) |            |           |
| 401165.03  | 3809306.94 | 33.93846   | (17102807) | 401196.14 |
| 3809329.05 | 35.29851   | (17102807) |            |           |
| 401227.25  | 3809351.16 | 35.93445   | (17102807) | 401258.36 |
| 3809373.27 | 35.80791   | (17102807) |            |           |
| 401289.47  | 3809395.38 | 34.92876   | (17102807) | 401320.58 |
| 3809417.49 | 33.35389   | (17102807) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 401351.69  | 3809439.60 | 31.18110   | (17102807) | 401382.81 |
| 3809461.71 | 29.66161   | (18020319) |            |           |
| 401413.92  | 3809483.83 | 29.17087   | (18020319) | 399514.73 |
| 3808137.29 | 36.07467   | (18010107) |            |           |
| 399480.77  | 3808119.64 | 36.44107   | (18010107) | 400162.12 |
| 3806974.07 | 30.66551   | (18010107) |            |           |
| 400193.29  | 3806996.22 | 29.89393   | (18010107) | 400224.47 |
| 3807018.38 | 28.64749   | (18010107) |            |           |
| 400255.64  | 3807040.54 | 27.07127   | (16012118) | 400286.81 |
| 3807062.69 | 27.28617   | (16012118) |            |           |
| 400317.99  | 3807084.85 | 27.03538   | (16012118) | 400349.16 |
| 3807107.00 | 26.33103   | (16012118) |            |           |
| 400380.34  | 3807129.16 | 25.20737   | (16012118) | 400411.51 |
| 3807151.32 | 25.66960   | (20121608) |            |           |
| 400442.69  | 3807173.47 | 25.84788   | (20121608) | 400473.86 |
| 3807195.63 | 25.58260   | (20121608) |            |           |
| 400505.03  | 3807217.78 | 24.88682   | (20121608) | 400536.21 |
| 3807239.94 | 23.79470   | (20121608) |            |           |
| 400567.38  | 3807262.10 | 22.36022   | (20121608) | 400598.56 |
| 3807284.25 | 20.65088   | (20121608) |            |           |
| 400629.73  | 3807306.41 | 18.74406   | (20121608) | 400660.91 |
| 3807328.57 | 18.68285   | (18102723) |            |           |
| 400692.08  | 3807350.72 | 21.15626   | (18102723) | 400723.25 |
| 3807372.88 | 23.54542   | (18102723) |            |           |
| 400754.43  | 3807395.03 | 25.75345   | (18102723) | 400785.60 |
| 3807417.19 | 27.68329   | (18102723) |            |           |
| 400816.78  | 3807439.35 | 29.24535   | (18102723) | 400847.95 |
| 3807461.50 | 30.36246   | (18102723) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 609

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 400879.13  | 3807483.66          | 30.97894 | (18102723) | 400910.30 |
| 3807505.81 | 31.06246 (18102723) |          |            |           |
| 400941.47  | 3807527.97          | 30.60869 | (18102723) | 400972.65 |
| 3807550.13 | 29.64042 (18102723) |          |            |           |
| 401003.82  | 3807572.28          | 28.20729 | (18102723) | 401035.00 |
| 3807594.44 | 26.91264 (18122121) |          |            |           |
| 401066.17  | 3807616.59          | 26.94082 | (18122121) | 401097.35 |
| 3807638.75 | 28.08271 (20112807) |          |            |           |
| 401128.52  | 3807660.91          | 29.57177 | (20112807) | 401159.69 |
| 3807683.06 | 30.60148 (20112807) |          |            |           |
| 401190.87  | 3807705.22          | 31.12015 | (20112807) | 401222.04 |
| 3807727.37 | 31.10076 (20112807) |          |            |           |
| 401253.22  | 3807749.53          | 30.54443 | (20112807) | 401284.39 |
| 3807771.69 | 29.48010 (20112807) |          |            |           |
| 401315.56  | 3807793.84          | 27.96187 | (20112807) | 401346.74 |
| 3807816.00 | 26.06340 (20112807) |          |            |           |
| 401377.91  | 3807838.16          | 26.49975 | (20091106) | 401409.09 |
| 3807860.31 | 28.30063 (20091106) |          |            |           |
| 401440.26  | 3807882.47          | 29.70221 | (20091106) | 401471.44 |
| 3807904.62 | 30.63561 (20091106) |          |            |           |
| 401502.61  | 3807926.78          | 31.05390 | (20091106) | 401533.78 |
| 3807948.94 | 30.93601 (20091106) |          |            |           |
| 401564.96  | 3807971.09          | 30.28838 | (20091106) | 401596.13 |
| 3807993.25 | 29.79072 (16022023) |          |            |           |
| 401627.31  | 3808015.40          | 30.68041 | (16022023) | 401658.48 |
| 3808037.56 | 31.05401 (16022023) |          |            |           |
| 401689.66  | 3808059.72          | 30.89285 | (16022023) | 401720.83 |
| 3808081.87 | 30.20607 (16022023) |          |            |           |
| 401752.00  | 3808104.03          | 29.02906 | (16022023) | 401783.18 |
| 3808126.18 | 27.42091 (16022023) |          |            |           |
| 401814.35  | 3808148.34          | 26.91847 | (19020707) | 401845.53 |
| 3808170.50 | 26.74680 (19020707) |          |            |           |
| 401876.70  | 3808192.65          | 26.12327 | (19020707) | 401907.88 |
| 3808214.81 | 25.07965 (19020707) |          |            |           |
| 401939.05  | 3808236.96          | 24.66960 | (18102518) | 401970.22 |
| 3808259.12 | 24.91230 (18102518) |          |            |           |
| 402001.40  | 3808281.28          | 26.61216 | (17102807) | 402032.57 |
| 3808303.43 | 28.26479 (17102807) |          |            |           |
| 402063.75  | 3808325.59          | 29.51135 | (17102807) | 402094.92 |
| 3808347.74 | 30.29089 (17102807) |          |            |           |
| 402126.10  | 3808369.90          | 30.56605 | (17102807) | 402157.27 |
| 3808392.06 | 30.32375 (17102807) |          |            |           |
| 402188.44  | 3808414.21          | 29.57755 | (17102807) | 402219.62 |
| 3808436.37 | 28.36516 (17102807) |          |            |           |
| 402250.79  | 3808458.53          | 26.74710 | (17102807) | 402281.97 |
| 3808480.68 | 25.20267 (18020319) |          |            |           |
| 402313.14  | 3808502.84          | 24.99605 | (18020319) | 402469.01 |
| 3808613.62 | 26.69400 (18102707) |          |            |           |
| 400129.55  | 3806954.16          | 30.93458 | (18010107) | 400095.58 |
| 3806936.51 | 30.68298 (18010107) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400776.87  | 3805790.90 | 26.75763   | (18010107) | 400807.91 |
| 3805812.96 | 26.55726   | (18010107) |            |           |
| 400838.95  | 3805835.02 | 25.99798   | (18010107) | 400869.99 |
| 3805857.08 | 25.10185   | (18010107) |            |           |
| 400901.03  | 3805879.15 | 23.90383   | (18010107) | 400932.08 |
| 3805901.21 | 23.55421   | (16012118) |            |           |
| 400963.12  | 3805923.27 | 23.56794   | (16012118) | 400994.16 |
| 3805945.33 | 23.25744   | (16012118) |            |           |
| 401025.20  | 3805967.39 | 22.63499   | (16012118) | 401056.24 |
| 3805989.46 | 21.72524   | (16012118) |            |           |
| 401087.29  | 3806011.52 | 22.16079   | (20121608) | 401118.33 |
| 3806033.58 | 22.35038   | (20121608) |            |           |
| 401149.37  | 3806055.64 | 22.23020   | (20121608) | 401180.41 |
| 3806077.71 | 21.80477   | (20121608) |            |           |
| 401211.45  | 3806099.77 | 21.09129   | (20121608) | 401242.50 |
| 3806121.83 | 20.11798   | (20121608) |            |           |
| 401273.54  | 3806143.89 | 18.92333   | (20121608) | 401304.58 |
| 3806165.95 | 17.55215   | (20121608) |            |           |
| 401335.62  | 3806188.02 | 16.05349   | (20121608) | 401366.67 |
| 3806210.08 | 15.72745   | (18102723) |            |           |
| 401397.71  | 3806232.14 | 17.65680   | (18102723) | 401428.75 |
| 3806254.20 | 19.54709   | (18102723) |            |           |
| 401459.79  | 3806276.26 | 21.33861   | (18102723) | 401490.83 |
| 3806298.33 | 22.97027   | (18102723) |            |           |
| 401521.88  | 3806320.39 | 24.38229   | (18102723) | 401552.92 |
| 3806342.45 | 25.52014   | (18102723) |            |           |
| 401583.96  | 3806364.51 | 26.33878   | (18102723) | 401615.00 |
| 3806386.58 | 26.80468   | (18102723) |            |           |
| 401646.04  | 3806408.64 | 26.89816   | (18102723) | 401677.09 |
| 3806430.70 | 26.61516   | (18102723) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 610

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |  |
|------------|---------------------|----------|------------|-----------|--|
| -----      |                     |          |            |           |  |
| 401708.13  | 3806452.76          | 25.96750 | (18102723) | 401739.17 |  |
| 3806474.82 | 24.98173 (18102723) |          |            |           |  |
| 401770.21  | 3806496.89          | 23.69738 | (18102723) | 401801.26 |  |
| 3806518.95 | 23.32839 (18122121) |          |            |           |  |
| 401832.30  | 3806541.01          | 23.25590 | (18122121) | 401863.34 |  |
| 3806563.07 | 24.35961 (20112807) |          |            |           |  |
| 401894.38  | 3806585.14          | 25.52069 | (20112807) | 401925.42 |  |
| 3806607.20 | 26.36325 (20112807) |          |            |           |  |
| 401956.47  | 3806629.26          | 26.85318 | (20112807) | 401987.51 |  |
| 3806651.32 | 26.97000 (20112807) |          |            |           |  |
| 402018.55  | 3806673.38          | 26.70901 | (20112807) | 402049.59 |  |
| 3806695.45 | 26.08109 (20112807) |          |            |           |  |
| 402080.63  | 3806717.51          | 25.11239 | (20112807) | 402111.68 |  |
| 3806739.57 | 23.84183 (20112807) |          |            |           |  |
| 402142.72  | 3806761.63          | 22.31986 | (20112807) | 402173.76 |  |
| 3806783.69 | 22.75772 (20091106) |          |            |           |  |
| 402204.80  | 3806805.76          | 24.20045 | (20091106) | 402235.84 |  |
| 3806827.82 | 25.37515 (20091106) |          |            |           |  |
| 402266.89  | 3806849.88          | 26.23594 | (20091106) | 402297.93 |  |
| 3806871.94 | 26.74768 (20091106) |          |            |           |  |
| 402328.97  | 3806894.01          | 26.88969 | (20091106) | 402360.01 |  |
| 3806916.07 | 26.65621 (20091106) |          |            |           |  |
| 402391.06  | 3806938.13          | 26.05716 | (20091106) | 402422.10 |  |
| 3806960.19 | 25.80013 (16022023) |          |            |           |  |
| 402453.14  | 3806982.25          | 26.50333 | (16022023) | 402484.18 |  |
| 3807004.32 | 26.84763 (16022023) |          |            |           |  |
| 402515.22  | 3807026.38          | 26.81899 | (16022023) | 402546.27 |  |
| 3807048.44 | 26.41897 (16022023) |          |            |           |  |
| 402577.31  | 3807070.50          | 25.66466 | (16022023) | 402608.35 |  |
| 3807092.57 | 24.58691 (16022023) |          |            |           |  |
| 402639.39  | 3807114.63          | 23.22911 | (16022023) | 402670.43 |  |
| 3807136.69 | 23.28204 (19020707) |          |            |           |  |
| 402701.48  | 3807158.75          | 23.11488 | (19020707) | 402732.52 |  |
| 3807180.81 | 22.63261 (19020707) |          |            |           |  |
| 402763.56  | 3807202.88          | 21.85522 | (19020707) | 402794.60 |  |
| 3807224.94 | 21.18903 (18102518) |          |            |           |  |
| 402825.64  | 3807247.00          | 21.50055 | (18102518) | 402856.69 |  |
| 3807269.06 | 22.03948 (17102807) |          |            |           |  |
| 402887.73  | 3807291.12          | 23.49764 | (17102807) | 402918.77 |  |
| 3807313.19 | 24.70841 (17102807) |          |            |           |  |
| 402949.81  | 3807335.25          | 25.62510 | (17102807) | 402980.86 |  |
| 3807357.31 | 26.21223 (17102807) |          |            |           |  |
| 403011.90  | 3807379.37          | 26.44651 | (17102807) | 403042.94 |  |
| 3807401.44 | 26.31914 (17102807) |          |            |           |  |
| 403073.98  | 3807423.50          | 25.83600 | (17102807) | 403105.02 |  |
| 3807445.56 | 25.01734 (17102807) |          |            |           |  |
| 403136.07  | 3807467.62          | 23.89604 | (17102807) | 403167.11 |  |
| 3807489.68 | 22.51642 (17102807) |          |            |           |  |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403322.32  | 3807600.00          | 19.59887 | (17051904) | 403353.36 |
| 3807622.06 | 20.65322 (18102707) |          |            |           |
| 403384.40  | 3807644.12          | 22.26115 | (18102707) | 400744.36 |
| 3805771.04 | 26.59678 (18010107) |          |            |           |
| 400710.40  | 3805753.39          | 26.07540 | (18010107) | 395217.62 |
| 3816228.34 | 25.36796 (19051716) |          |            |           |
| 395176.44  | 3816212.55          | 29.56651 | (17042717) | 395247.17 |
| 3816212.90 | 21.60884 (19051716) |          |            |           |
| 395205.99  | 3816197.10          | 23.54772 | (16020111) | 395164.81 |
| 3816181.31 | 25.40335 (16042515) |          |            |           |
| 395256.12  | 3816189.55          | 20.93151 | (17042415) | 395214.94 |
| 3816173.76 | 22.19721 (17042414) |          |            |           |
| 395173.76  | 3816157.96          | 22.78130 | (17033101) | 395244.48 |
| 3816158.31 | 20.79098 (16092213) |          |            |           |
| 395203.30  | 3816142.52          | 21.21188 | (16042515) | 395282.98 |
| 3816119.53 | 19.94086 (16032217) |          |            |           |
| 395241.80  | 3816103.73          | 19.61782 | (17033102) | 395200.62 |
| 3816087.94 | 17.39686 (16042516) |          |            |           |
| 395311.18  | 3816077.48          | 19.59856 | (16020110) | 395280.29 |
| 3816064.95 | 19.61553 (17032721) |          |            |           |
| 395239.11  | 3816049.15          | 18.17358 | (17033023) | 395331.66 |
| 3816031.95 | 19.36777 (16020116) |          |            |           |
| 395298.20  | 3816018.26          | 19.37982 | (18122716) | 395257.02 |
| 3816002.47 | 19.09022 (17042818) |          |            |           |
| 395352.14  | 3815986.43          | 19.14835 | (17032315) | 395316.11 |
| 3815971.58 | 19.13131 (17042815) |          |            |           |
| 395274.93  | 3815955.78          | 18.16685 | (17042817) | 395372.63 |
| 3815940.90 | 19.45625 (17051219) |          |            |           |
| 395334.01  | 3815924.90          | 19.81021 | (17033020) | 395292.83 |
| 3815909.10 | 19.08522 (17042813) |          |            |           |
| 395405.86  | 3815846.38          | 20.28049 | (20020306) | 395369.82 |
| 3815831.53 | 20.26016 (18110515) |          |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 611

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| -----       |                      |            |            |             |
| 395328.64   | 3815815.73           | 19.82529   | (18122713) | 395445.11   |
| 3815754.55  | 20.69129 (18110515)  |            |            |             |
| 395405.64   | 3815738.16           | 21.12611   | (17120302) | 395364.46   |
| 3815722.37  | 21.75892 (18100621)  |            |            |             |
| 395478.77   | 3815660.22           | 22.34711   | (17120304) | 395512.25   |
| 3815675.28  | 21.99785 (19040203)  |            |            |             |
| 395441.45   | 3815644.79           | 22.81903   | (16022220) | 395400.27   |
| 3815629.00  | 27.08141 (18111222)  |            |            |             |
| 395517.16   | 3815568.01           | 33.50303   | (18032405) | 395555.78   |
| 3815585.39  | 34.10521 (16012607)  |            |            |             |
| 395477.26   | 3815551.43           | 42.74316   | (18030606) | 395436.08   |
| 3815535.63  | 37.31811 (20120307)  |            |            |             |
| 395551.17   | 3815473.83           | 83.30957   | (18030606) | 395586.19   |
| 3815489.59  | 82.72233 (17012901)  |            |            |             |
| 395513.07   | 3815458.06           | 76.11899   | (17030202) | 395471.89   |
| 3815442.26  | 60.18917 (16011124)  |            |            |             |
| 395642.07   | 3815241.03           | 199.21463  | (17030202) | 395679.84   |
| 3815258.02  | 196.63316 (20112506) |            |            |             |
| 395717.60   | 3815275.01           | 213.33717  | (18021604) | 395602.60   |
| 3815224.64  | 187.59637 (17022501) |            |            |             |
| 395561.42   | 3815208.84           | 128.46526  | (17102406) | 395732.58   |
| 3815008.05  | 256.15996 (20121608) |            |            |             |
| 395772.31   | 3815025.92           | 220.38421  | (18102723) | 395812.03   |
| 3815043.80  | 291.41398 (18102723) |            |            |             |
| 395692.13   | 3814991.22           | 285.36491  | (18010107) | 395650.95   |
| 3814975.43  | 262.86675 (18010107) |            |            |             |
| 395820.56   | 3814773.94           | 237.91775  | (18010107) | 395857.18   |
| 3814790.41  | 218.01671 (20121608) |            |            |             |
| 395893.80   | 3814806.88           | 182.00539  | (20121608) | 395930.42   |
| 3814823.36  | 233.78274 (18102723) |            |            |             |
| 395781.66   | 3814757.80           | 244.50793  | (18010107) | 395740.48   |
| 3814742.01  | 257.02498 (17121208) |            |            |             |
| 395910.84   | 3814540.85           | 220.01520  | (18010107) | 395948.94   |
| 3814558.00  | 201.14505 (18010107) |            |            |             |
| 395987.05   | 3814575.14           | 189.09127  | (20121608) | 396025.15   |
| 3814592.28  | 160.87255 (20121608) |            |            |             |
| 396063.26   | 3814609.42           | 195.55224  | (18102723) | 395871.19   |
| 3814524.38  | 213.34685 (17121208) |            |            |             |
| 395830.01   | 3814508.59           | 211.93524  | (17121208) | 396089.46   |
| 3814073.82  | 173.56960 (17121208) |            |            |             |
| 396126.70   | 3814090.57           | 155.01386  | (18010107) | 396163.93   |
| 3814107.32  | 174.45060 (18010107) |            |            |             |
| 396201.16   | 3814124.07           | 154.40473  | (16012118) | 396238.40   |
| 3814140.82  | 146.08259 (20121608) |            |            |             |
| 396275.63   | 3814157.57           | 137.89446  | (20121608) | 396050.25   |
| 3814057.55  | 164.93018 (16091002) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396009.07  | 3814041.75 | 157.44975  | (16091002) | 396269.47 |
| 3813607.41 | 134.84018  | (16091002) |            |           |
| 396308.61  | 3813625.01 | 142.40318  | (17121208) | 396347.74 |
| 3813642.62 | 127.48352  | (17121208) |            |           |
| 396386.88  | 3813660.23 | 138.55365  | (18010107) | 396426.02 |
| 3813677.83 | 138.43374  | (18010107) |            |           |
| 396465.15  | 3813695.44 | 124.99285  | (16012118) | 396504.29 |
| 3813713.05 | 119.27792  | (20121608) |            |           |
| 396229.31  | 3813590.71 | 130.33785  | (16091002) | 396188.13 |
| 3813574.91 | 132.76042  | (19120116) |            |           |
| 396448.13  | 3813140.39 | 110.28826  | (16091002) | 396486.47 |
| 3813157.64 | 113.69904  | (16091002) |            |           |
| 396524.80  | 3813174.88 | 119.04037  | (17121208) | 396563.14 |
| 3813192.13 | 114.23723  | (17121208) |            |           |
| 396601.47  | 3813209.37 | 106.44999  | (18010107) | 396639.81 |
| 3813226.62 | 118.51430  | (18010107) |            |           |
| 396678.14  | 3813243.87 | 114.19179  | (18010107) | 396716.48 |
| 3813261.11 | 104.74227  | (16012118) |            |           |
| 396754.81  | 3813278.36 | 99.21434   | (20121608) | 396408.37 |
| 3813123.87 | 106.43942  | (16121408) |            |           |
| 396367.19  | 3813108.08 | 118.98449  | (19120116) | 396627.85 |
| 3812673.85 | 91.28720   | (16121408) |            |           |
| 396667.50  | 3812691.69 | 95.22541   | (16091002) | 396707.15 |
| 3812709.52 | 97.30207   | (16091002) |            |           |
| 396746.80  | 3812727.36 | 101.51011  | (17121208) | 396786.45 |
| 3812745.20 | 99.43428   | (17121208) |            |           |
| 396826.10  | 3812763.04 | 86.09001   | (17121208) | 396865.76 |
| 3812780.88 | 99.16082   | (18010107) |            |           |
| 396905.41  | 3812798.71 | 101.12356  | (18010107) | 396945.06 |
| 3812816.55 | 91.24564   | (18010107) |            |           |
| 396984.71  | 3812834.39 | 87.47943   | (16012118) | 396587.43 |
| 3812657.03 | 99.64601   | (19120116) |            |           |
| 396546.25  | 3812641.24 | 101.31609  | (19120116) | 397105.29 |
| 3811428.92 | 72.37945   | (19120116) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 612

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 397144.83   | 3811446.71          | 69.58749   | (19120116) | 397184.38   |
| 3811464.50  | 64.48560 (16121408) |            |            |             |
| 397223.92   | 3811482.29          | 64.75064   | (16091002) | 397263.46   |
| 3811500.08  | 69.10025 (16091002) |            |            |             |
| 397303.00   | 3811517.87          | 68.42397   | (16091002) | 397342.55   |
| 3811535.66  | 71.53804 (17121208) |            |            |             |
| 397382.09   | 3811553.45          | 71.90192   | (17121208) | 397421.63   |
| 3811571.24  | 67.07591 (17121208) |            |            |             |
| 397461.18   | 3811589.03          | 62.39822   | (18010107) | 397500.72   |
| 3811606.82  | 69.63551 (18010107) |            |            |             |
| 397540.26   | 3811624.61          | 72.15272   | (18010107) | 397579.80   |
| 3811642.40  | 69.43071 (18010107) |            |            |             |
| 397064.93   | 3811412.13          | 69.82577   | (19120116) | 397023.75   |
| 3811396.34  | 72.38266 (17010801) |            |            |             |
| 397582.75   | 3810184.01          | 53.27702   | (17010801) | 397622.23   |
| 3810201.77  | 54.54062 (19120116) |            |            |             |
| 397661.71   | 3810219.53          | 54.80654   | (19120116) | 397701.19   |
| 3810237.29  | 52.35553 (19120116) |            |            |             |
| 397740.67   | 3810255.05          | 48.87712   | (16121408) | 397780.15   |
| 3810272.81  | 48.46343 (16121408) |            |            |             |
| 397819.63   | 3810290.57          | 51.31597   | (16091002) | 397859.11   |
| 3810308.33  | 52.81364 (16091002) |            |            |             |
| 397898.59   | 3810326.10          | 51.67673   | (16091002) | 397938.07   |
| 3810343.86  | 54.13113 (17121208) |            |            |             |
| 397977.54   | 3810361.62          | 54.98174   | (17121208) | 398017.02   |
| 3810379.38  | 53.10260 (17121208) |            |            |             |
| 398056.50   | 3810397.14          | 48.77214   | (17121208) | 398095.98   |
| 3810414.90  | 48.01373 (18010107) |            |            |             |
| 398135.46   | 3810432.66          | 52.55735   | (18010107) | 398174.94   |
| 3810450.42  | 54.71753 (18010107) |            |            |             |
| 398214.42   | 3810468.18          | 54.18838   | (18010107) | 397542.42   |
| 3810167.23  | 55.04670 (17010801) |            |            |             |
| 397501.24   | 3810151.44          | 54.00902   | (17010801) | 398060.22   |
| 3808939.10  | 44.14087 (17010801) |            |            |             |
| 398099.66   | 3808956.84          | 43.24968   | (17010801) | 398139.10   |
| 3808974.58  | 42.93821 (19120116) |            |            |             |
| 398178.54   | 3808992.33          | 44.08863   | (19120116) | 398217.97   |
| 3809010.07  | 43.63815 (19120116) |            |            |             |
| 398257.41   | 3809027.81          | 41.63526   | (19120116) | 398296.85   |
| 3809045.55  | 39.08920 (16121408) |            |            |             |
| 398336.29   | 3809063.29          | 39.08338   | (16121408) | 398375.72   |
| 3809081.03  | 39.98776 (16091002) |            |            |             |
| 398415.16   | 3809098.78          | 41.89929   | (16091002) | 398454.60   |
| 3809116.52  | 42.32108 (16091002) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398494.04  | 3809134.26 | 41.20925   | (16091002) | 398533.47 |
| 3809152.00 | 43.23205   | (17121208) |            |           |
| 398572.91  | 3809169.74 | 44.11713   | (17121208) | 398612.35 |
| 3809187.49 | 43.40432   | (17121208) |            |           |
| 398651.79  | 3809205.23 | 41.17230   | (17121208) | 398691.22 |
| 3809222.97 | 37.65789   | (17121208) |            |           |
| 398730.66  | 3809240.71 | 38.76954   | (18010107) | 398770.10 |
| 3809258.45 | 41.89530   | (18010107) |            |           |
| 398809.54  | 3809276.20 | 43.65608   | (18010107) | 398019.92 |
| 3808922.33 | 43.42135   | (17010801) |            |           |
| 397978.74  | 3808906.54 | 42.78499   | (19120123) | 398537.70 |
| 3807694.19 | 36.03830   | (17010801) |            |           |
| 398577.11  | 3807711.92 | 36.57633   | (17010801) | 398616.52 |
| 3807729.65 | 36.09892   | (17010801) |            |           |
| 398655.93  | 3807747.38 | 34.86438   | (19120116) | 398695.34 |
| 3807765.11 | 36.20237   | (19120116) |            |           |
| 398734.74  | 3807782.84 | 36.55455   | (19120116) | 398774.15 |
| 3807800.56 | 35.89189   | (19120116) |            |           |
| 398813.56  | 3807818.29 | 34.26874   | (19120116) | 398852.97 |
| 3807836.02 | 32.31814   | (16121408) |            |           |
| 398892.37  | 3807853.75 | 32.46459   | (16121408) | 398931.78 |
| 3807871.48 | 32.21799   | (16091002) |            |           |
| 398971.19  | 3807889.21 | 34.05032   | (16091002) | 399010.60 |
| 3807906.94 | 34.99450   | (16091002) |            |           |
| 399050.01  | 3807924.66 | 34.97387   | (16091002) | 399089.41 |
| 3807942.39 | 33.99124   | (16091002) |            |           |
| 399128.82  | 3807960.12 | 35.70273   | (17121208) | 399168.23 |
| 3807977.85 | 36.50817   | (17121208) |            |           |
| 399207.64  | 3807995.58 | 36.30576   | (17121208) | 399247.04 |
| 3808013.31 | 35.11372   | (17121208) |            |           |
| 399286.45  | 3808031.04 | 33.02946   | (17121208) | 399325.86 |
| 3808048.76 | 30.21831   | (17121208) |            |           |
| 399365.27  | 3808066.49 | 32.26340   | (18010107) | 399404.68 |
| 3808084.22 | 34.54209   | (18010107) |            |           |
| 399444.08  | 3808101.95 | 35.97023   | (18010107) | 398497.41 |
| 3807677.43 | 34.97992   | (19120123) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 613

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*



\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)         | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|----------|------------|-------------|
| -----       |             |                     |          |            |             |
| 3806449.45  | 398456.23   | 3807661.64          | 36.27916 | (19120123) | 399015.55   |
|             |             | 29.55713 (17010801) |          |            |             |
| 3806485.54  | 399055.67   | 3806467.50          | 30.63965 | (17010801) | 399095.78   |
|             |             | 31.04223 (17010801) |          |            |             |
| 3806521.64  | 399135.90   | 3806503.59          | 30.73752 | (17010801) | 399176.01   |
|             |             | 29.74594 (17010801) |          |            |             |
| 3806557.73  | 399216.13   | 3806539.68          | 30.39851 | (19120116) | 399256.24   |
|             |             | 30.99444 (19120116) |          |            |             |
| 3806593.82  | 399296.36   | 3806575.78          | 30.88538 | (19120116) | 399336.47   |
|             |             | 30.07884 (19120116) |          |            |             |
| 3806629.92  | 399376.59   | 3806611.87          | 28.62866 | (19120116) | 399416.70   |
|             |             | 27.46324 (16121408) |          |            |             |
| 3806666.01  | 399456.82   | 3806647.97          | 27.54046 | (16121408) | 399496.93   |
|             |             | 27.06230 (16091002) |          |            |             |
| 3806702.11  | 399537.05   | 3806684.06          | 28.59305 | (16091002) | 399577.16   |
|             |             | 29.52531 (16091002) |          |            |             |
| 3806738.20  | 399617.28   | 3806720.15          | 29.79740 | (16091002) | 399657.39   |
|             |             | 29.39133 (16091002) |          |            |             |
| 3806774.29  | 399697.51   | 3806756.25          | 29.37818 | (17121208) | 399737.62   |
|             |             | 30.53043 (17121208) |          |            |             |
| 3806810.39  | 399777.74   | 3806792.34          | 31.01088 | (17121208) | 399817.85   |
|             |             | 30.78745 (17121208) |          |            |             |
| 3806846.48  | 399857.97   | 3806828.43          | 29.87597 | (17121208) | 399898.08   |
|             |             | 28.33826 (17121208) |          |            |             |
| 3806882.57  | 399938.20   | 3806864.53          | 26.27414 | (17121208) | 399978.31   |
|             |             | 26.31076 (18010107) |          |            |             |
| 3806918.67  | 400018.43   | 3806900.62          | 28.34119 | (18010107) | 400058.54   |
|             |             | 29.84109 (18010107) |          |            |             |
| 3806416.73  | 398974.90   | 3806432.53          | 30.51365 | (19120123) | 398933.72   |
|             |             | 31.02182 (19120123) |          |            |             |
| 3805222.53  | 399493.00   | 3805204.53          | 26.13664 | (19120123) | 399533.01   |
|             |             | 25.72086 (17010801) |          |            |             |
| 3805258.53  | 399573.02   | 3805240.53          | 26.51768 | (17010801) | 399613.04   |
|             |             | 26.83708 (17010801) |          |            |             |
| 3805294.53  | 399653.05   | 3805276.53          | 26.66119 | (17010801) | 399693.06   |
|             |             | 25.99960 (17010801) |          |            |             |
| 3805330.54  | 399733.08   | 3805312.54          | 25.89558 | (19120116) | 399773.09   |
|             |             | 26.60803 (19120116) |          |            |             |
| 3805366.54  | 399813.11   | 3805348.54          | 26.83732 | (19120116) | 399853.12   |
|             |             | 26.57071 (19120116) |          |            |             |
| 3805402.54  | 399893.13   | 3805384.54          | 25.82294 | (19120116) | 399933.15   |
|             |             | 24.63433 (19120116) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399973.16  | 3805420.54 | 23.70976   | (16121408) | 400013.18 |
| 3805438.54 | 23.83253   | (16121408) |            |           |
| 400053.19  | 3805456.55 | 23.51548   | (16121408) | 400093.20 |
| 3805474.55 | 24.20901   | (16091002) |            |           |
| 400133.22  | 3805492.55 | 25.16884   | (16091002) | 400173.23 |
| 3805510.55 | 25.68567   | (16091002) |            |           |
| 400213.25  | 3805528.55 | 25.73169   | (16091002) | 400253.26 |
| 3805546.55 | 25.30465   | (16091002) |            |           |
| 400293.27  | 3805564.55 | 25.40826   | (17121208) | 400333.29 |
| 3805582.55 | 26.32717   | (17121208) |            |           |
| 400373.30  | 3805600.56 | 26.77898   | (17121208) | 400413.32 |
| 3805618.56 | 26.73946   | (17121208) |            |           |
| 400453.33  | 3805636.56 | 26.21135   | (17121208) | 400493.34 |
| 3805654.56 | 25.22391   | (17121208) |            |           |
| 400533.36  | 3805672.56 | 23.82996   | (17121208) | 400573.37 |
| 3805690.56 | 22.10241   | (17121208) |            |           |
| 400613.39  | 3805708.56 | 22.92263   | (18010107) | 400653.40 |
| 3805726.56 | 24.48780   | (18010107) |            |           |
| 399452.40  | 3805187.63 | 26.71603   | (19120123) | 399411.22 |
| 3805171.83 | 26.80714   | (19120123) |            |           |
| 395151.30  | 3816203.38 | 31.40513   | (17042413) | 395128.15 |
| 3816199.24 | 34.81981   | (17033101) |            |           |
| 395105.00  | 3816195.11 | 39.67114   | (16042516) | 395081.85 |
| 3816190.98 | 46.48544   | (17042818) |            |           |
| 395058.70  | 3816186.84 | 47.33230   | (17042816) | 395035.55 |
| 3816182.71 | 41.23492   | (17042814) |            |           |
| 395012.40  | 3816178.57 | 34.28624   | (18070617) | 394989.25 |
| 3816174.44 | 29.96075   | (18122712) |            |           |
| 394966.10  | 3816170.30 | 33.47786   | (18122712) | 394942.95 |
| 3816166.17 | 30.86219   | (17042811) |            |           |
| 395132.54  | 3816174.63 | 27.78027   | (16042516) | 395109.39 |
| 3816170.50 | 28.75676   | (17042818) |            |           |
| 395086.24  | 3816166.37 | 36.44739   | (17042817) | 395063.09 |
| 3816162.23 | 36.13897   | (17042814) |            |           |
| 395039.94  | 3816158.10 | 37.17078   | (17042812) | 395016.79 |
| 3816153.96 | 29.55266   | (18070617) |            |           |
| 394993.64  | 3816149.83 | 30.77133   | (18122712) | 394970.49 |
| 3816145.69 | 31.28150   | (18122712) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 614

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 394947.34   | 3816141.56  | 28.40955       | (17042811) | 395136.94          |  |
| 3816150.02  | 21.18510    | (16072213)     |            |                    |  |
| 395113.79   | 3816145.89  | 22.98971       | (17042817) | 395090.64          |  |
| 3816141.75  | 24.44541    | (17042816)     |            |                    |  |
| 395067.49   | 3816137.62  | 27.58420       | (17042814) | 395044.34          |  |
| 3816133.49  | 29.89006    | (17042812)     |            |                    |  |
| 395021.19   | 3816129.35  | 25.82594       | (19032415) | 394998.04          |  |
| 3816125.22  | 30.58748    | (18122712)     |            |                    |  |
| 394974.89   | 3816121.08  | 29.59621       | (19040924) | 394951.74          |  |
| 3816116.95  | 27.53747    | (17042811)     |            |                    |  |
| 395164.48   | 3816129.55  | 20.31494       | (16042516) | 395141.33          |  |
| 3816125.41  | 19.54251    | (17042818)     |            |                    |  |
| 395118.18   | 3816121.28  | 21.02117       | (17042817) | 395095.03          |  |
| 3816117.14  | 19.32277    | (20123111)     |            |                    |  |
| 395071.88   | 3816113.01  | 20.56120       | (18110513) | 395048.73          |  |
| 3816108.88  | 22.26371    | (18070617)     |            |                    |  |
| 395025.58   | 3816104.74  | 22.01529       | (19032415) | 395002.43          |  |
| 3816100.61  | 27.56922    | (18122712)     |            |                    |  |
| 394979.28   | 3816096.47  | 28.27482       | (19040924) | 394956.13          |  |
| 3816092.34  | 26.54001    | (17042811)     |            |                    |  |
| 395173.27   | 3816080.33  | 17.81832       | (17042817) | 395150.12          |  |
| 3816076.19  | 18.84235    | (17042817)     |            |                    |  |
| 395126.97   | 3816072.06  | 16.74105       | (20123111) | 395103.82          |  |
| 3816067.92  | 17.20078    | (18110513)     |            |                    |  |
| 395080.67   | 3816063.79  | 17.54533       | (18070617) | 395057.52          |  |
| 3816059.65  | 14.97166    | (19032415)     |            |                    |  |
| 395034.37   | 3816055.52  | 16.48649       | (18122712) | 395011.22          |  |
| 3816051.39  | 18.37041    | (18122712)     |            |                    |  |
| 394988.07   | 3816047.25  | 16.07474       | (18122712) | 394964.92          |  |
| 3816043.12  | 19.81010    | (17042811)     |            |                    |  |
| 395200.29   | 3816036.18  | 18.68148       | (17042817) | 395158.91          |  |
| 3816026.97  | 16.04093    | (17042814)     |            |                    |  |
| 395135.76   | 3816022.84  | 15.50413       | (18110513) | 395112.61          |  |
| 3816018.70  | 15.57281    | (18070617)     |            |                    |  |
| 395089.46   | 3816014.57  | 14.21635       | (18070617) | 395066.31          |  |
| 3816010.43  | 13.56050    | (19032415)     |            |                    |  |
| 395043.16   | 3816006.30  | 15.28793       | (18122712) | 395020.01          |  |
| 3816002.16  | 14.97961    | (18122712)     |            |                    |  |
| 394996.86   | 3815998.03  | 12.59559       | (19031311) | 394973.71          |  |
| 3815993.90  | 14.94046    | (17042811)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395206.05  | 3815986.11 | 18.01934   | (17042816) | 395167.70 |
| 3815977.75 | 17.24305   | (17042814) |            |           |
| 395144.55  | 3815973.62 | 17.01378   | (17042812) | 395121.40 |
| 3815969.48 | 14.69688   | (18070617) |            |           |
| 395098.25  | 3815965.35 | 14.40341   | (19092208) | 395075.10 |
| 3815961.21 | 14.52744   | (19092208) |            |           |
| 395051.95  | 3815957.08 | 14.94156   | (18122712) | 395028.80 |
| 3815952.94 | 13.96706   | (17100608) |            |           |
| 395005.65  | 3815948.81 | 13.20148   | (17100608) | 394982.50 |
| 3815944.67 | 14.03616   | (17042811) |            |           |
| 395217.87  | 3815937.74 | 18.45657   | (17042814) | 395176.49 |
| 3815928.53 | 18.52653   | (17042812) |            |           |
| 395153.34  | 3815924.39 | 15.80642   | (17042812) | 395130.19 |
| 3815920.26 | 14.40126   | (19032415) |            |           |
| 395107.04  | 3815916.13 | 14.91087   | (19092208) | 395083.89 |
| 3815911.99 | 14.91470   | (19092208) |            |           |
| 395060.74  | 3815907.86 | 14.87132   | (17100608) | 395037.59 |
| 3815903.72 | 14.65318   | (17100608) |            |           |
| 395014.44  | 3815899.59 | 13.89726   | (17100608) | 394991.29 |
| 3815895.45 | 14.01136   | (20122713) |            |           |
| 395229.70  | 3815889.36 | 19.00569   | (17042814) | 395185.28 |
| 3815879.31 | 17.92693   | (17042812) |            |           |
| 395162.13  | 3815875.17 | 16.85191   | (20121217) | 395138.98 |
| 3815871.04 | 15.72642   | (20123114) |            |           |
| 395115.83  | 3815866.90 | 16.15022   | (19021816) | 395092.68 |
| 3815862.77 | 14.56608   | (18032618) |            |           |
| 395069.53  | 3815858.64 | 15.22634   | (18032618) | 395046.38 |
| 3815854.50 | 15.54286   | (19040924) |            |           |
| 395023.23  | 3815850.37 | 15.31487   | (19040924) | 395000.08 |
| 3815846.23 | 14.08484   | (20122713) |            |           |
| 395246.53  | 3815790.71 | 19.80474   | (19041001) | 395287.54 |
| 3815802.13 | 19.42641   | (17042810) |            |           |
| 395202.87  | 3815780.86 | 19.28638   | (20123114) | 395179.72 |
| 3815776.73 | 18.42871   | (20123114) |            |           |
| 395156.57  | 3815772.60 | 19.07952   | (19021816) | 395133.42 |
| 3815768.46 | 16.78096   | (19021816) |            |           |
| 395110.27  | 3815764.33 | 18.39963   | (18032618) | 395087.12 |
| 3815760.19 | 16.95293   | (19042218) |            |           |
| 395063.97  | 3815756.06 | 18.07901   | (19040924) | 395040.82 |
| 3815751.92 | 16.26510   | (19040924) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 615

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 395017.67   | 3815747.79          | 14.28272   | (16041517) | 395263.65   |
| 3815692.14  | 20.87750 (20121217) |            |            |             |
| 395303.76   | 3815703.30          | 21.15710   | (19041001) | 395220.45   |
| 3815682.42  | 20.11928 (20123115) |            |            |             |
| 395197.30   | 3815678.29          | 20.37024   | (19021816) | 395174.15   |
| 3815674.15  | 18.52542 (19021816) |            |            |             |
| 395151.00   | 3815670.02          | 19.33319   | (18032618) | 395127.85   |
| 3815665.88  | 18.58483 (18032618) |            |            |             |
| 395104.70   | 3815661.75          | 18.06282   | (19042218) | 395081.55   |
| 3815657.62  | 18.36455 (19040924) |            |            |             |
| 395058.40   | 3815653.48          | 16.17784   | (19040924) | 395035.25   |
| 3815649.35  | 15.93768 (16041517) |            |            |             |
| 395280.93   | 3815593.61          | 21.16715   | (18121820) | 395320.43   |
| 3815604.61  | 22.04517 (17120303) |            |            |             |
| 395359.93   | 3815615.60          | 22.07079   | (20011219) | 395238.03   |
| 3815583.98  | 21.80303 (19042219) |            |            |             |
| 395214.88   | 3815579.85          | 22.57012   | (19011213) | 395191.73   |
| 3815575.71  | 22.93432 (18032114) |            |            |             |
| 395168.58   | 3815571.58          | 22.05667   | (19122312) | 395145.43   |
| 3815567.44  | 20.60434 (19042218) |            |            |             |
| 395122.28   | 3815563.31          | 19.41454   | (19022114) | 395099.13   |
| 3815559.17  | 18.27394 (19040924) |            |            |             |
| 395075.98   | 3815555.04          | 16.42118   | (18103019) | 395052.83   |
| 3815550.90  | 16.30005 (16041517) |            |            |             |
| 395298.29   | 3815495.11          | 24.71135   | (17021304) | 395337.36   |
| 3815505.98  | 21.54460 (19011304) |            |            |             |
| 395376.42   | 3815516.86          | 28.94582   | (19022021) | 395255.61   |
| 3815485.54  | 32.39584 (19020904) |            |            |             |
| 395232.46   | 3815481.40          | 30.21594   | (18122908) | 395209.31   |
| 3815477.27  | 24.23848 (17010708) |            |            |             |
| 395186.16   | 3815473.13          | 21.70389   | (19122616) | 395163.01   |
| 3815469.00  | 21.07473 (17042804) |            |            |             |
| 395139.86   | 3815464.87          | 19.79031   | (19051007) | 395116.71   |
| 3815460.73  | 18.67383 (19051007) |            |            |             |
| 395093.56   | 3815456.60          | 19.42946   | (18103019) | 395070.41   |
| 3815452.46  | 20.50958 (17080306) |            |            |             |
| 395318.48   | 3815397.39          | 53.52939   | (19120602) | 395340.62   |
| 3815403.55  | 51.57390 (19120602) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395362.75  | 3815409.72 | 37.37500   | (20122404) | 395384.89 |
| 3815415.88 | 32.05306   | (19021022) |            |           |
| 395407.03  | 3815422.04 | 30.55806   | (18012621) | 395429.16 |
| 3815428.20 | 35.59003   | (17122122) |            |           |
| 395296.34  | 3815391.23 | 53.45508   | (18111804) | 395273.19 |
| 3815387.10 | 49.03905   | (17010724) |            |           |
| 395250.04  | 3815382.96 | 47.62085   | (17010724) | 395226.89 |
| 3815378.83 | 35.22937   | (19121705) |            |           |
| 395203.74  | 3815374.69 | 25.90721   | (16121719) | 395180.59 |
| 3815370.56 | 21.95231   | (17120722) |            |           |
| 395157.44  | 3815366.42 | 24.27984   | (20011307) | 395134.29 |
| 3815362.29 | 29.79669   | (18032407) |            |           |
| 395111.14  | 3815358.15 | 35.00009   | (16010104) | 395087.99 |
| 3815354.02 | 33.78957   | (19121708) |            |           |
| 395362.58  | 3815151.33 | 148.13233  | (18021405) | 395384.86 |
| 3815157.53 | 176.70164  | (16012104) |            |           |
| 395407.14  | 3815163.73 | 174.01324  | (17102221) | 395429.42 |
| 3815169.93 | 182.66281  | (18012121) |            |           |
| 395451.70  | 3815176.14 | 183.59151  | (16010201) | 395473.99 |
| 3815182.34 | 182.42405  | (16122602) |            |           |
| 395496.27  | 3815188.54 | 180.22991  | (18123004) | 395518.55 |
| 3815194.74 | 172.59417  | (18123004) |            |           |
| 395340.29  | 3815145.12 | 107.51132  | (17010724) | 395317.14 |
| 3815140.99 | 84.41035   | (19112307) |            |           |
| 395293.99  | 3815136.85 | 113.45315  | (16010103) | 395270.84 |
| 3815132.72 | 150.57553  | (19012620) |            |           |
| 395247.69  | 3815128.59 | 164.28136  | (18021706) | 395224.54 |
| 3815124.45 | 141.24735  | (16120108) |            |           |
| 395201.39  | 3815120.32 | 120.12045  | (17030203) | 395178.24 |
| 3815116.18 | 98.74855   | (18012801) |            |           |
| 395155.09  | 3815112.05 | 80.69040   | (19011323) | 395131.94 |
| 3815107.91 | 79.48037   | (19011323) |            |           |
| 395406.62  | 3814905.25 | 274.06821  | (20120402) | 395428.99 |
| 3814911.47 | 306.51418  | (20120402) |            |           |
| 395451.37  | 3814917.70 | 282.91050  | (20120402) | 395473.74 |
| 3814923.93 | 297.17518  | (19120123) |            |           |
| 395496.12  | 3814930.16 | 297.31338  | (19120123) | 395518.49 |
| 3814936.39 | 301.48254  | (17010801) |            |           |
| 395540.87  | 3814942.62 | 301.96670  | (19120116) | 395563.24 |
| 3814948.84 | 272.97779  | (16121408) |            |           |
| 395585.61  | 3814955.07 | 282.96262  | (16091002) | 395607.99 |
| 3814961.30 | 289.70740  | (17121208) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395384.25   | 3814899.02  | 267.67231  | (17122517) | 395361.10   |
| 3814894.88  | 294.80299   | (17122508) |            |             |
| 395337.95   | 3814890.75  | 300.30963  | (17122508) | 395314.80   |
| 3814886.61  | 302.79411   | (18011720) |            |             |
| 395291.65   | 3814882.48  | 272.03944  | (18120420) | 395268.50   |
| 3814878.35  | 305.40801   | (18120420) |            |             |
| 395245.35   | 3814874.21  | 299.35827  | (16012621) | 395222.20   |
| 3814870.08  | 284.99088   | (16012621) |            |             |
| 395199.05   | 3814865.94  | 296.29655  | (18020908) | 395175.90   |
| 3814861.81  | 302.71507   | (18020908) |            |             |
| 395450.64   | 3814659.16  | 247.14876  | (17060904) | 395473.08   |
| 3814665.40  | 234.37568   | (17060904) |            |             |
| 395495.51   | 3814671.65  | 246.28900  | (20120402) | 395517.95   |
| 3814677.90  | 262.25647   | (20120402) |            |             |
| 395540.39   | 3814684.14  | 240.61027  | (20120402) | 395562.83   |
| 3814690.39  | 250.98905   | (19120123) |            |             |
| 395585.26   | 3814696.63  | 258.88671  | (19120123) | 395607.70   |
| 3814702.88  | 259.64788   | (17010801) |            |             |
| 395630.14   | 3814709.13  | 253.49925  | (19120116) | 395652.58   |
| 3814715.37  | 254.30103   | (19120116) |            |             |
| 395675.02   | 3814721.62  | 233.17237  | (16121408) | 395697.45   |
| 3814727.86  | 243.68738   | (16091002) |            |             |
| 395428.20   | 3814652.91  | 261.20556  | (17122508) | 395405.05   |
| 3814648.78  | 253.67477   | (18011720) |            |             |
| 395381.90   | 3814644.64  | 258.39183  | (18011720) | 395358.75   |
| 3814640.51  | 226.61311   | (18120420) |            |             |
| 395335.60   | 3814636.37  | 258.65501  | (18120420) | 395312.45   |
| 3814632.24  | 253.08531   | (18120420) |            |             |
| 395289.30   | 3814628.11  | 255.90839  | (16012621) | 395266.15   |
| 3814623.97  | 226.84632   | (16012621) |            |             |
| 395243.00   | 3814619.84  | 259.16291  | (18020908) | 395219.85   |
| 3814615.70  | 256.91204   | (18020908) |            |             |
| 395494.64   | 3814413.06  | 227.94322  | (17122508) | 395517.12   |
| 3814419.32  | 215.80216   | (17122508) |            |             |
| 395539.61   | 3814425.58  | 213.17517  | (17060904) | 395562.09   |
| 3814431.84  | 191.62172   | (17060904) |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395421.16   | 3813889.79  | 151.86722  | (18020908) | 395398.01   |
| 3813885.65  | 171.68496   | (18020908) |            |             |
| 395374.86   | 3813881.52  | 178.43120  | (18020908) | 395351.71   |
| 3813877.38  | 173.44415   | (16010907) |            |             |
| 395670.55   | 3813428.67  | 130.49761  | (18120420) | 395693.14   |
| 3813434.96  | 129.94869   | (18011720) |            |             |
| 395715.74   | 3813441.25  | 141.02637  | (18011720) | 395738.33   |
| 3813447.54  | 144.02439   | (18011720) |            |             |
| 395760.92   | 3813453.82  | 138.99330  | (17122508) | 395783.51   |
| 3813460.11  | 144.54160   | (17122508) |            |             |
| 395806.10   | 3813466.40  | 141.46545  | (17122508) | 395828.69   |
| 3813472.69  | 135.61320   | (17060904) |            |             |
| 395851.28   | 3813478.98  | 135.16959  | (17060904) | 395873.87   |
| 3813485.27  | 126.82429   | (17060904) |            |             |
| 395896.46   | 3813491.55  | 127.15919  | (20120402) | 395919.05   |
| 3813497.84  | 139.66582   | (20120402) |            |             |
| 395941.64   | 3813504.13  | 144.43569  | (20120402) | 395964.23   |
| 3813510.42  | 140.66401   | (20120402) |            |             |
| 395986.82   | 3813516.71  | 129.03199  | (20120402) | 396009.41   |
| 3813523.00  | 131.81554   | (19120123) |            |             |
| 396032.00   | 3813529.28  | 141.53393  | (19120123) | 396054.59   |
| 3813535.57  | 143.19766   | (19120123) |            |             |
| 396077.18   | 3813541.86  | 138.83764  | (17010801) | 396099.77   |
| 3813548.15  | 143.23091   | (17010801) |            |             |
| 396122.36   | 3813554.44  | 139.32303  | (17010801) | 396144.95   |
| 3813560.73  | 142.04324   | (19120116) |            |             |
| 395647.96   | 3813422.38  | 140.77910  | (18120420) | 395624.81   |
| 3813418.25  | 143.04796   | (18120420) |            |             |
| 395601.66   | 3813414.11  | 136.77217  | (18120420) | 395578.51   |
| 3813409.98  | 140.97748   | (16012621) |            |             |
| 395555.36   | 3813405.84  | 137.21209  | (16012621) | 395532.21   |
| 3813401.71  | 125.62525   | (16012621) |            |             |
| 395509.06   | 3813397.58  | 133.31151  | (18020908) | 395485.91   |
| 3813393.44  | 142.90294   | (18020908) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396027.55   | 3812494.68  | 102.03347  | (18011720) | 396050.19   |
| 3812500.98  | 100.71421   | (17122508) |            |             |
| 396072.83   | 3812507.29  | 103.44850  | (17122508) | 396095.47   |
| 3812513.59  | 102.40156   | (17122508) |            |             |
| 396118.12   | 3812519.89  | 97.68822   | (17122508) | 396140.76   |
| 3812526.20  | 97.53658    | (17060904) |            |             |
| 396163.40   | 3812532.50  | 96.67496   | (17060904) | 396186.04   |
| 3812538.80  | 92.35649    | (17060904) |            |             |
| 396208.68   | 3812545.10  | 85.04501   | (17060904) | 396231.32   |
| 3812551.41  | 93.45633    | (20120402) |            |             |
| 396253.97   | 3812557.71  | 99.99555   | (20120402) | 396276.61   |
| 3812564.01  | 103.13475   | (20120402) |            |             |
| 396299.25   | 3812570.31  | 102.54969  | (20120402) | 396321.89   |
| 3812576.62  | 98.31142    | (20120402) |            |             |
| 396344.53   | 3812582.92  | 90.87711   | (20120402) | 396367.17   |
| 3812589.22  | 92.08486    | (19120123) |            |             |
| 396389.81   | 3812595.52  | 98.87342   | (19120123) | 396412.46   |
| 3812601.83  | 102.37956   | (19120123) |            |             |
| 396435.10   | 3812608.13  | 102.24094  | (19120123) | 396457.74   |
| 3812614.43  | 98.48771    | (19120123) |            |             |
| 396480.38   | 3812620.73  | 101.98071  | (17010801) | 396503.02   |
| 3812627.04  | 102.12334   | (17010801) |            |             |
| 395823.78   | 3812437.96  | 99.10862   | (16012621) | 395800.63   |
| 3812433.82  | 100.67287   | (16012621) |            |             |
| 395777.48   | 3812429.69  | 98.55563   | (16012621) | 395754.33   |
| 3812425.56  | 92.98088    | (16012621) |            |             |
| 395731.18   | 3812421.42  | 87.68651   | (18020908) | 395708.03   |
| 3812417.29  | 96.14632    | (18020908) |            |             |
| 395684.88   | 3812413.15  | 101.58936  | (18020908) | 395661.73   |
| 3812409.02  | 103.43567   | (18020908) |            |             |
| 395638.58   | 3812404.88  | 101.48229  | (18020908) | 395615.43   |
| 3812400.75  | 101.73313   | (16010907) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396080.69  | 3811131.66 | 70.41398   | (16012621) | 396103.19 |
| 3811137.92 | 71.12304   | (16012621) |            |           |
| 396125.69  | 3811144.18 | 70.27547   | (16012621) | 396148.19 |
| 3811150.45 | 69.35939   | (18120420) |            |           |
| 396170.69  | 3811156.71 | 71.69491   | (18120420) | 396193.19 |
| 3811162.97 | 72.49320   | (18120420) |            |           |
| 396215.69  | 3811169.23 | 71.70115   | (18120420) | 396238.19 |
| 3811175.50 | 69.36939   | (18120420) |            |           |
| 396260.68  | 3811181.76 | 65.64924   | (18120420) | 396283.18 |
| 3811188.02 | 60.76944   | (18120420) |            |           |
| 396305.68  | 3811194.29 | 65.77732   | (18011720) | 396328.18 |
| 3811200.55 | 69.64588   | (18011720) |            |           |
| 396350.68  | 3811206.81 | 72.13046   | (18011720) | 396373.18 |
| 3811213.08 | 73.07166   | (18011720) |            |           |
| 396395.68  | 3811219.34 | 72.40767   | (18011720) | 396418.18 |
| 3811225.60 | 70.18260   | (18011720) |            |           |
| 396440.68  | 3811231.86 | 72.19730   | (17122508) | 396463.18 |
| 3811238.13 | 73.20723   | (17122508) |            |           |
| 396485.68  | 3811244.39 | 72.61094   | (17122508) | 396508.18 |
| 3811250.65 | 70.44874   | (17122508) |            |           |
| 396530.67  | 3811256.92 | 68.00605   | (17060904) | 396553.17 |
| 3811263.18 | 69.02567   | (17060904) |            |           |
| 396575.67  | 3811269.44 | 68.53489   | (17060904) | 396598.17 |
| 3811275.71 | 66.56698   | (17060904) |            |           |
| 396620.67  | 3811281.97 | 63.25034   | (17060904) | 396643.17 |
| 3811288.23 | 59.73408   | (20120402) |            |           |
| 396665.67  | 3811294.49 | 64.90517   | (20120402) | 396688.17 |
| 3811300.76 | 68.99218   | (20120402) |            |           |
| 396710.67  | 3811307.02 | 71.74496   | (20120402) | 396733.17 |
| 3811313.28 | 72.99218   | (20120402) |            |           |
| 396755.67  | 3811319.55 | 72.65603   | (20120402) | 396778.17 |
| 3811325.81 | 70.76085   | (20120402) |            |           |
| 396800.67  | 3811332.07 | 67.43085   | (20120402) | 396823.16 |
| 3811338.34 | 62.87752   | (20120402) |            |           |
| 396845.66  | 3811344.60 | 63.90855   | (19120123) | 396868.16 |
| 3811350.86 | 68.11704   | (19120123) |            |           |
| 396890.66  | 3811357.12 | 71.04394   | (19120123) | 396913.16 |
| 3811363.39 | 72.51015   | (19120123) |            |           |
| 396935.66  | 3811369.65 | 72.42532   | (19120123) | 396958.16 |
| 3811375.91 | 70.79936   | (19120123) |            |           |
| 396980.66  | 3811382.18 | 70.64046   | (17010801) | 396058.19 |
| 3811125.39 | 68.19565   | (16012621) |            |           |
| 396035.04  | 3811121.26 | 64.61355   | (16012621) | 396011.89 |
| 3811117.12 | 60.43061   | (18020908) |            |           |
| 395988.74  | 3811112.99 | 65.52522   | (18020908) | 395965.59 |
| 3811108.86 | 69.47978   | (18020908) |            |           |
| 395942.44  | 3811104.72 | 72.04488   | (18020908) | 395919.29 |
| 3811100.59 | 73.05307   | (18020908) |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 619

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 395896.14   | 3811096.45          | 72.43694   | (18020908) | 395872.99   |
| 3811092.32  | 70.23718 (18020908) |            |            |             |
| 395849.84   | 3811088.18          | 72.15352   | (16010907) | 396315.02   |
| 3809819.07  | 48.41750 (16012621) |            |            |             |
| 396337.44   | 3809825.31          | 50.86314   | (16012621) | 396359.86   |
| 3809831.55  | 52.65064 (16012621) |            |            |             |
| 396382.27   | 3809837.79          | 53.70275   | (16012621) | 396404.69   |
| 3809844.03  | 53.97384 (16012621) |            |            |             |
| 396427.10   | 3809850.27          | 53.45117   | (16012621) | 396449.52   |
| 3809856.51  | 52.15658 (16012621) |            |            |             |
| 396471.93   | 3809862.75          | 53.58756   | (18120420) | 396494.35   |
| 3809868.99  | 54.70857 (18120420) |            |            |             |
| 396516.77   | 3809875.23          | 55.03250   | (18120420) | 396539.18   |
| 3809881.47  | 54.54506 (18120420) |            |            |             |
| 396561.60   | 3809887.71          | 53.26686   | (18120420) | 396584.01   |
| 3809893.95  | 51.25427 (18120420) |            |            |             |
| 396606.43   | 3809900.19          | 48.59110   | (18120420) | 396628.85   |
| 3809906.43  | 46.10508 (18011720) |            |            |             |
| 396651.26   | 3809912.67          | 49.28750   | (18011720) | 396673.68   |
| 3809918.91  | 51.91532 (18011720) |            |            |             |
| 396696.09   | 3809925.15          | 53.87754   | (18011720) | 396718.51   |
| 3809931.38  | 55.09163 (18011720) |            |            |             |
| 396740.93   | 3809937.62          | 55.50424   | (18011720) | 396763.34   |
| 3809943.86  | 55.09737 (18011720) |            |            |             |
| 396785.76   | 3809950.10          | 53.88870   | (18011720) | 396808.17   |
| 3809956.34  | 53.87567 (17122508) |            |            |             |
| 396830.59   | 3809962.58          | 55.13203   | (17122508) | 396853.01   |
| 3809968.82  | 55.58792 (17122508) |            |            |             |
| 396875.42   | 3809975.06          | 55.22399   | (17122508) | 396897.84   |
| 3809981.30  | 54.05628 (17122508) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3809993.78 | 396920.25 | 3809987.54 | 52.13708   | (17122508) | 396942.67 |
|            |           | 51.94047   | (17060904) |            |           |
|            | 396965.09 | 3810000.02 | 52.41332   | (17060904) | 396987.50 |
| 3810006.26 |           | 52.11492   | (17060904) |            |           |
|            | 397009.92 | 3810012.50 | 51.05870   | (17060904) | 397032.33 |
| 3810018.74 |           | 49.29211   | (17060904) |            |           |
|            | 397054.75 | 3810024.98 | 46.88967   | (17060904) | 397077.17 |
| 3810031.22 |           | 45.27739   | (20120402) |            |           |
|            | 397099.58 | 3810037.46 | 48.55450   | (20120402) | 397122.00 |
| 3810043.70 |           | 51.30807   | (20120402) |            |           |
|            | 397144.41 | 3810049.94 | 53.42443   | (20120402) | 397166.83 |
| 3810056.18 |           | 54.81701   | (20120402) |            |           |
|            | 397189.24 | 3810062.42 | 55.42584   | (20120402) | 397211.66 |
| 3810068.66 |           | 55.22598   | (20120402) |            |           |
|            | 397234.08 | 3810074.90 | 54.22689   | (20120402) | 397256.49 |
| 3810081.14 |           | 52.47380   | (20120402) |            |           |
|            | 397278.91 | 3810087.38 | 50.04077   | (20120402) | 397301.32 |
| 3810093.62 |           | 47.20871   | (20012221) |            |           |
|            | 397323.74 | 3810099.86 | 47.78263   | (19120123) | 397346.16 |
| 3810106.10 |           | 50.60475   | (19120123) |            |           |
|            | 397368.57 | 3810112.34 | 52.81710   | (19120123) | 397390.99 |
| 3810118.58 |           | 54.33096   | (19120123) |            |           |
|            | 397413.40 | 3810124.82 | 55.08247   | (19120123) | 397435.82 |
| 3810131.06 |           | 55.04146   | (19120123) |            |           |
|            | 397458.24 | 3810137.30 | 54.21089   | (19120123) | 396292.61 |
| 3809812.83 |           | 45.41709   | (16012621) |            |           |
|            | 396269.46 | 3809808.69 | 48.34746   | (18020908) | 396246.31 |
| 3809804.56 |           | 51.16774   | (18020908) |            |           |
|            | 396223.16 | 3809800.43 | 53.34190   | (18020908) | 396200.01 |
| 3809796.29 |           | 54.77575   | (18020908) |            |           |
|            | 396176.86 | 3809792.16 | 55.40559   | (18020908) | 396153.71 |
| 3809788.02 |           | 55.20287   | (18020908) |            |           |
|            | 396130.56 | 3809783.89 | 54.17670   | (18020908) | 396107.41 |
| 3809779.75 |           | 53.41707   | (16010907) |            |           |
|            | 396084.26 | 3809775.62 | 54.85799   | (16010907) | 396549.38 |
| 3808506.49 |           | 37.89076   | (18020908) |            |           |
|            | 396571.75 | 3808512.71 | 36.27361   | (16012621) | 396594.11 |
| 3808518.94 |           | 38.35379   | (16012621) |            |           |
|            | 396616.47 | 3808525.16 | 40.12421   | (16012621) | 396638.83 |
| 3808531.39 |           | 41.53241   | (16012621) |            |           |
|            | 396661.19 | 3808537.61 | 42.53466   | (16012621) | 396683.55 |
| 3808543.84 |           | 43.09968   | (16012621) |            |           |
|            | 396705.91 | 3808550.06 | 43.20906   | (16012621) | 396728.28 |
| 3808556.28 |           | 42.85889   | (16012621) |            |           |
|            | 396750.64 | 3808562.51 | 42.06027   | (16012621) | 396773.00 |
| 3808568.73 |           | 42.25711   | (18120420) |            |           |
|            | 396795.36 | 3808574.96 | 43.31162   | (18120420) | 396817.72 |
| 3808581.18 |           | 43.92062   | (18120420) |            |           |
|            | 396840.08 | 3808587.41 | 44.06486   | (18120420) | 396862.44 |
| 3808593.63 |           | 43.73940   | (18120420) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 620

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

VALUES FOR SOURCE GROUP: ALL      \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S):      BLINE1      ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 396884.80   | 3808599.86          | 42.95447   | (18120420) | 396907.17   |
| 3808606.08  | 41.73411 (18120420) |            |            |             |
| 396929.53   | 3808612.31          | 40.11700   | (18120420) | 396951.89   |
| 3808618.53  | 38.15193 (18120420) |            |            |             |
| 396974.25   | 3808624.76          | 36.82808   | (18011720) | 396996.61   |
| 3808630.98  | 39.03311 (18011720) |            |            |             |
| 397018.97   | 3808637.20          | 40.92950   | (18011720) | 397041.33   |
| 3808643.43  | 42.46114 (18011720) |            |            |             |
| 397063.69   | 3808649.65          | 43.58073   | (18011720) | 397086.06   |
| 3808655.88  | 44.25384 (18011720) |            |            |             |
| 397108.42   | 3808662.10          | 44.45838   | (18011720) | 397130.78   |
| 3808668.33  | 44.18841 (18011720) |            |            |             |
| 397153.14   | 3808674.55          | 43.45253   | (18011720) | 397175.50   |
| 3808680.78  | 42.43254 (17122508) |            |            |             |
| 397197.86   | 3808687.00          | 43.57974   | (17122508) | 397220.22   |
| 3808693.23  | 44.28176 (17122508) |            |            |             |
| 397242.58   | 3808699.45          | 44.51626   | (17122508) | 397264.95   |
| 3808705.68  | 44.27590 (17122508) |            |            |             |
| 397287.31   | 3808711.90          | 43.56870   | (17122508) | 397309.67   |
| 3808718.12  | 42.41724 (17122508) |            |            |             |
| 397332.03   | 3808724.35          | 41.03429   | (17060904) | 397354.39   |
| 3808730.57  | 41.72413 (17060904) |            |            |             |
| 397376.75   | 3808736.80          | 41.97519   | (17060904) | 397399.11   |
| 3808743.02  | 41.77957 (17060904) |            |            |             |
| 397421.48   | 3808749.25          | 41.14348   | (17060904) | 397443.84   |
| 3808755.47  | 40.08791 (17060904) |            |            |             |
| 397466.20   | 3808761.70          | 38.64562   | (17060904) | 397488.56   |
| 3808767.92  | 36.86106 (17060904) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397510.92  | 3808774.15 | 36.14268   | (20120402) | 397533.28 |
| 3808780.37 | 38.40994   | (20120402) |            |           |
| 397555.64  | 3808786.60 | 40.38739   | (20120402) | 397578.00 |
| 3808792.82 | 42.01696   | (20120402) |            |           |
| 397600.37  | 3808799.04 | 43.25078   | (20120402) | 397622.73 |
| 3808805.27 | 44.05049   | (20120402) |            |           |
| 397645.09  | 3808811.49 | 44.39179   | (20120402) | 397667.45 |
| 3808817.72 | 44.26471   | (20120402) |            |           |
| 397689.81  | 3808823.94 | 43.67370   | (20120402) | 397712.17 |
| 3808830.17 | 42.63780   | (20120402) |            |           |
| 397734.53  | 3808836.39 | 41.18978   | (20120402) | 397756.89 |
| 3808842.62 | 39.37368   | (20120402) |            |           |
| 397779.26  | 3808848.84 | 37.77642   | (20012221) | 397801.62 |
| 3808855.07 | 37.78577   | (19120123) |            |           |
| 397823.98  | 3808861.29 | 39.80594   | (19120123) | 397846.34 |
| 3808867.52 | 41.49513   | (19120123) |            |           |
| 397868.70  | 3808873.74 | 42.80327   | (19120123) | 397891.06 |
| 3808879.96 | 43.69171   | (19120123) |            |           |
| 397913.42  | 3808886.19 | 44.13389   | (19120123) | 397935.78 |
| 3808892.41 | 44.11654   | (19120123) |            |           |
| 396527.02  | 3808500.26 | 39.92651   | (18020908) | 396503.87 |
| 3808496.13 | 41.66398   | (18020908) |            |           |
| 396480.72  | 3808491.99 | 43.00409   | (18020908) | 396457.57 |
| 3808487.86 | 43.90424   | (18020908) |            |           |
| 396434.42  | 3808483.73 | 44.33535   | (18020908) | 396411.27 |
| 3808479.59 | 44.28320   | (18020908) |            |           |
| 396388.12  | 3808475.46 | 43.74952   | (18020908) | 396364.97 |
| 3808471.32 | 42.75133   | (18020908) |            |           |
| 396341.82  | 3808467.19 | 43.07008   | (16010907) | 396318.67 |
| 3808463.05 | 43.96930   | (16010907) |            |           |
| 396784.06  | 3807194.00 | 33.73457   | (18020908) | 396806.69 |
| 3807200.29 | 32.36400   | (18020908) |            |           |
| 396829.31  | 3807206.59 | 30.79280   | (18020908) | 396851.94 |
| 3807212.89 | 30.02458   | (16012621) |            |           |
| 396874.56  | 3807219.19 | 31.55923   | (16012621) | 396897.19 |
| 3807225.49 | 32.89877   | (16012621) |            |           |
| 396919.81  | 3807231.78 | 34.01091   | (16012621) | 396942.43 |
| 3807238.08 | 34.86998   | (16012621) |            |           |
| 396965.06  | 3807244.38 | 35.45505   | (16012621) | 396987.68 |
| 3807250.68 | 35.75111   | (16012621) |            |           |
| 397010.31  | 3807256.97 | 35.75084   | (16012621) | 397032.93 |
| 3807263.27 | 35.45417   | (16012621) |            |           |
| 397055.56  | 3807269.57 | 34.86797   | (16012621) | 397078.18 |
| 3807275.87 | 34.69287   | (18120420) |            |           |
| 397100.80  | 3807282.17 | 35.56724   | (18120420) | 397123.43 |
| 3807288.46 | 36.16107   | (18120420) |            |           |
| 397146.05  | 3807294.76 | 36.45935   | (18120420) | 397168.68 |
| 3807301.06 | 36.45467   | (18120420) |            |           |
| 397191.30  | 3807307.36 | 36.14707   | (18120420) | 397213.93 |
| 3807313.65 | 35.54383   | (18120420) |            |           |



397236.55 3807319.95 34.66023 (18120420) 397259.17  
 3807326.25 33.51743 (18120420)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 621

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 397281.80   | 3807332.55  | 32.14198   | (18120420) | 397304.42   |
| 3807338.85  | 30.56687    | (18120420) |            |             |
| 397327.05   | 3807345.14  | 30.96288   | (18011720) | 397349.67   |
| 3807351.44  | 32.53870    | (18011720) |            |             |
| 397372.30   | 3807357.74  | 33.91062   | (18011720) | 397394.92   |
| 3807364.04  | 35.04562    | (18011720) |            |             |
| 397417.54   | 3807370.34  | 35.91722   | (18011720) | 397440.17   |
| 3807376.63  | 36.50428    | (18011720) |            |             |
| 397462.79   | 3807382.93  | 36.79210   | (18011720) | 397485.42   |
| 3807389.23  | 36.77363    | (18011720) |            |             |
| 397508.04   | 3807395.53  | 36.44938   | (18011720) | 397530.67   |
| 3807401.82  | 35.82724    | (18011720) |            |             |
| 397553.29   | 3807408.12  | 35.10666   | (17122508) | 397575.92   |
| 3807414.42  | 35.97291    | (17122508) |            |             |
| 397598.54   | 3807420.72  | 36.55359   | (17122508) | 397621.16   |
| 3807427.02  | 36.83484    | (17122508) |            |             |
| 397643.79   | 3807433.31  | 36.80966   | (17122508) | 397666.41   |
| 3807439.61  | 36.47891    | (17122508) |            |             |
| 397689.04   | 3807445.91  | 35.85057   | (17122508) | 397711.66   |
| 3807452.21  | 34.94073    | (17122508) |            |             |
| 397734.29   | 3807458.51  | 33.93143   | (17060904) | 397756.91   |
| 3807464.80  | 34.47346    | (17060904) |            |             |
| 397779.53   | 3807471.10  | 34.73366   | (17060904) | 397802.16   |
| 3807477.40  | 34.70552    | (17060904) |            |             |
| 397824.78   | 3807483.70  | 34.38995   | (17060904) | 397847.41   |
| 3807489.99  | 33.79471    | (17060904) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 397870.03  | 3807496.29          | 32.93500 | (17060904) | 397892.66 |
| 3807502.59 | 31.83108 (17060904) |          |            |           |
| 397915.28  | 3807508.89          | 30.51012 | (17060904) | 397937.90 |
| 3807515.19 | 29.29157 (20120402) |          |            |           |
| 397960.53  | 3807521.48          | 31.01834 | (20120402) | 397983.15 |
| 3807527.78 | 32.57445 (20120402) |          |            |           |
| 398005.78  | 3807534.08          | 33.92615 | (20120402) | 398028.40 |
| 3807540.38 | 35.04133 (20120402) |          |            |           |
| 398051.03  | 3807546.67          | 35.89453 | (20120402) | 398073.65 |
| 3807552.97 | 36.46509 (20120402) |          |            |           |
| 398096.27  | 3807559.27          | 36.73954 | (20120402) | 398118.90 |
| 3807565.57 | 36.71135 (20120402) |          |            |           |
| 398141.52  | 3807571.87          | 36.38156 | (20120402) | 398164.15 |
| 3807578.16 | 35.75838 (20120402) |          |            |           |
| 398186.77  | 3807584.46          | 34.85770 | (20120402) | 398209.40 |
| 3807590.76 | 33.70069 (20120402) |          |            |           |
| 398232.02  | 3807597.06          | 32.31571 | (20120402) | 398254.65 |
| 3807603.36 | 31.24788 (20012221) |          |            |           |
| 398277.27  | 3807609.65          | 31.23125 | (20012221) | 398299.89 |
| 3807615.95 | 32.34440 (19120123) |          |            |           |
| 398322.52  | 3807622.25          | 33.69328 | (19120123) | 398345.14 |
| 3807628.55 | 34.81076 (19120123) |          |            |           |
| 398367.77  | 3807634.84          | 35.67172 | (19120123) | 398390.39 |
| 3807641.14 | 36.25572 (19120123) |          |            |           |
| 398413.02  | 3807647.44          | 36.54930 | (19120123) | 396761.44 |
| 3807187.70 | 34.87214 (18020908) |          |            |           |
| 396738.29  | 3807183.56          | 35.76416 | (18020908) | 396715.14 |
| 3807179.43 | 36.37439 (18020908) |          |            |           |
| 396691.99  | 3807175.29          | 36.68776 | (18020908) | 396668.84 |
| 3807171.16 | 36.69646 (18020908) |          |            |           |
| 396645.69  | 3807167.03          | 36.40020 | (18020908) | 396622.54 |
| 3807162.89 | 35.80618 (18020908) |          |            |           |
| 396599.39  | 3807158.76          | 34.93207 | (16010907) | 396576.24 |
| 3807154.62 | 35.82117 (16010907) |          |            |           |
| 396553.09  | 3807150.49          | 36.42755 | (16010907) | 397018.41 |
| 3805881.41 | 29.81539 (18020908) |          |            |           |
| 397040.97  | 3805887.69          | 29.02255 | (18020908) | 397063.52 |
| 3805893.97 | 28.06764 (18020908) |          |            |           |
| 397086.08  | 3805900.25          | 26.96725 | (18020908) | 397108.64 |
| 3805906.53 | 25.74130 (18020908) |          |            |           |
| 397131.19  | 3805912.81          | 25.39447 | (16012621) | 397153.75 |
| 3805919.09 | 26.56373 (16012621) |          |            |           |
| 397176.30  | 3805925.36          | 27.60564 | (16012621) | 397198.86 |
| 3805931.64 | 28.50240 (16012621) |          |            |           |
| 397221.42  | 3805937.92          | 29.23675 | (16012621) | 397243.97 |
| 3805944.20 | 29.79451 (16012621) |          |            |           |
| 397266.53  | 3805950.48          | 30.16534 | (16012621) | 397289.09 |
| 3805956.76 | 30.34169 (16012621) |          |            |           |
| 397311.64  | 3805963.04          | 30.32006 | (16012621) | 397334.20 |
| 3805969.32 | 30.10075 (16012621) |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 397446.98   | 3806000.71          | 30.76440   | (18120420) | 397469.54   |
| 3806006.99  | 30.94398 (18120420) |            |            |             |
| 397492.09   | 3806013.27          | 30.92116   | (18120420) | 397514.65   |
| 3806019.55  | 30.69629 (18120420) |            |            |             |
| 397537.20   | 3806025.83          | 30.27390   | (18120420) | 397559.76   |
| 3806032.11  | 29.66178 (18120420) |            |            |             |
| 397582.32   | 3806038.38          | 28.87184   | (18120420) | 397604.87   |
| 3806044.66  | 27.91928 (18120420) |            |            |             |
| 397627.43   | 3806050.94          | 26.82095   | (18120420) | 397649.99   |
| 3806057.22  | 25.59699 (18120420) |            |            |             |
| 397672.54   | 3806063.50          | 26.14607   | (18011720) | 397695.10   |
| 3806069.78  | 27.35194 (18011720) |            |            |             |
| 397717.65   | 3806076.06          | 28.42556   | (18011720) | 397740.21   |
| 3806082.34  | 29.34829 (18011720) |            |            |             |
| 397762.77   | 3806088.61          | 30.10240   | (18011720) | 397785.32   |
| 3806094.89  | 30.67360 (18011720) |            |            |             |
| 397807.88   | 3806101.17          | 31.05122   | (18011720) | 397830.44   |
| 3806107.45  | 31.22765 (18011720) |            |            |             |
| 397852.99   | 3806113.73          | 31.19951   | (18011720) | 397875.55   |
| 3806120.01  | 30.96733 (18011720) |            |            |             |
| 397898.10   | 3806126.29          | 30.53588   | (18011720) | 397920.66   |
| 3806132.57  | 29.91320 (18011720) |            |            |             |
| 397943.22   | 3806138.85          | 30.13923   | (17122508) | 397965.77   |
| 3806145.12  | 30.70822 (17122508) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397988.33  | 3806151.40 | 31.08357   | (17122508) | 398010.89 |
| 3806157.68 | 31.25763   | (17122508) |            |           |
| 398033.44  | 3806163.96 | 31.22712   | (17122508) | 398056.00 |
| 3806170.24 | 30.99265   | (17122508) |            |           |
| 398078.55  | 3806176.52 | 30.55908   | (17122508) | 398101.11 |
| 3806182.80 | 29.93451   | (17122508) |            |           |
| 398123.67  | 3806189.08 | 29.13113   | (17122508) | 398146.22 |
| 3806195.36 | 28.95745   | (17060904) |            |           |
| 398168.78  | 3806201.63 | 29.30970   | (17060904) | 398191.33 |
| 3806207.91 | 29.47257   | (17060904) |            |           |
| 398213.89  | 3806214.19 | 29.44300   | (17060904) | 398236.45 |
| 3806220.47 | 29.22158   | (17060904) |            |           |
| 398259.00  | 3806226.75 | 28.81292   | (17060904) | 398281.56 |
| 3806233.03 | 28.22468   | (17060904) |            |           |
| 398304.12  | 3806239.31 | 27.46834   | (17060904) | 398326.67 |
| 3806245.59 | 26.55862   | (17060904) |            |           |
| 398349.23  | 3806251.87 | 25.51159   | (17060904) | 398371.78 |
| 3806258.14 | 24.81550   | (20120402) |            |           |
| 398394.34  | 3806264.42 | 26.12299   | (20120402) | 398416.90 |
| 3806270.70 | 27.32014   | (20120402) |            |           |
| 398439.45  | 3806276.98 | 28.38570   | (20120402) | 398462.01 |
| 3806283.26 | 29.30143   | (20120402) |            |           |
| 398484.57  | 3806289.54 | 30.05008   | (20120402) | 398507.12 |
| 3806295.82 | 30.61755   | (20120402) |            |           |
| 398529.68  | 3806302.10 | 30.99358   | (20120402) | 398552.23 |
| 3806308.38 | 31.17081   | (20120402) |            |           |
| 398574.79  | 3806314.65 | 31.14611   | (20120402) | 398597.35 |
| 3806320.93 | 30.92007   | (20120402) |            |           |
| 398619.90  | 3806327.21 | 30.49744   | (20120402) | 398642.46 |
| 3806333.49 | 29.88614   | (20120402) |            |           |
| 398665.02  | 3806339.77 | 29.09809   | (20120402) | 398687.57 |
| 3806346.05 | 28.14856   | (20120402) |            |           |
| 398710.13  | 3806352.33 | 27.05426   | (20120402) | 398732.68 |
| 3806358.61 | 26.49549   | (20012221) |            |           |
| 398755.24  | 3806364.89 | 26.48244   | (20012221) | 398777.80 |
| 3806371.16 | 27.09650   | (19120123) |            |           |
| 398800.35  | 3806377.44 | 28.16273   | (19120123) | 398822.91 |
| 3806383.72 | 29.08289   | (19120123) |            |           |
| 398845.47  | 3806390.00 | 29.83995   | (19120123) | 398868.02 |
| 3806396.28 | 30.41988   | (19120123) |            |           |
| 398890.58  | 3806402.56 | 30.81241   | (19120123) | 396995.86 |
| 3805875.13 | 30.43078   | (18020908) |            |           |
| 396972.71  | 3805871.00 | 30.86801   | (18020908) | 396949.56 |
| 3805866.86 | 31.10581   | (18020908) |            |           |
| 396926.41  | 3805862.73 | 31.13950   | (18020908) | 396903.26 |
| 3805858.60 | 30.96838   | (18020908) |            |           |
| 396880.11  | 3805854.46 | 30.59570   | (18020908) | 396856.96 |
| 3805850.33 | 30.02886   | (18020908) |            |           |
| 396833.81  | 3805846.19 | 29.85598   | (16010907) | 396810.66 |
| 3805842.06 | 30.47995   | (16010907) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396787.51  | 3805837.92 | 30.91239   | (16010907) | 397252.77 |
| 3804568.83 | 26.36973   | (18020908) |            |           |
| 397275.28  | 3804575.10 | 25.91959   | (18020908) | 397297.78 |
| 3804581.36 | 25.34352   | (18020908) |            |           |
| 397320.29  | 3804587.63 | 24.64965   | (18020908) | 397342.79 |
| 3804593.89 | 23.84896   | (18020908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 623

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 397365.29   | 3804600.15  | 22.95281   | (18020908) | 397387.80   |
| 3804606.42  | 21.97345    | (18020908) |            |             |
| 397410.30   | 3804612.68  | 21.87826   | (16012621) | 397432.80   |
| 3804618.95  | 22.79753    | (16012621) |            |             |
| 397455.31   | 3804625.21  | 23.63066   | (16012621) | 397477.81   |
| 3804631.48  | 24.36503    | (16012621) |            |             |
| 397500.32   | 3804637.74  | 24.99008   | (16012621) | 397522.82   |
| 3804644.00  | 25.49585    | (16012621) |            |             |
| 397545.32   | 3804650.27  | 25.87483   | (16012621) | 397567.83   |
| 3804656.53  | 26.12099    | (16012621) |            |             |
| 397590.33   | 3804662.80  | 26.23030   | (16012621) | 397612.83   |
| 3804669.06  | 26.20102    | (16012621) |            |             |
| 397635.34   | 3804675.32  | 26.03348   | (16012621) | 397657.84   |
| 3804681.59  | 25.73042    | (16012621) |            |             |
| 397680.35   | 3804687.85  | 25.29627   | (16012621) | 397702.85   |
| 3804694.12  | 25.48008    | (18120420) |            |             |
| 397725.35   | 3804700.38  | 25.99823   | (18120420) | 397747.86   |
| 3804706.65  | 26.38689    | (18120420) |            |             |
| 397770.36   | 3804712.91  | 26.63950   | (18120420) | 397792.86   |
| 3804719.17  | 26.75230    | (18120420) |            |             |
| 397815.37   | 3804725.44  | 26.72343   | (18120420) | 397837.87   |
| 3804731.70  | 26.55329    | (18120420) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397860.38  | 3804737.97 | 26.24440   | (18120420) | 397882.88 |
| 3804744.23 | 25.80188   | (18120420) |            |           |
| 397905.38  | 3804750.50 | 25.23244   | (18120420) | 397927.89 |
| 3804756.76 | 24.54457   | (18120420) |            |           |
| 397950.39  | 3804763.02 | 23.74918   | (18120420) | 397972.89 |
| 3804769.29 | 22.85769   | (18120420) |            |           |
| 397995.40  | 3804775.55 | 22.09481   | (16110320) | 398017.90 |
| 3804781.82 | 22.49654   | (18011720) |            |           |
| 398040.40  | 3804788.08 | 23.44752   | (18011720) | 398062.91 |
| 3804794.35 | 24.30962   | (18011720) |            |           |
| 398085.41  | 3804800.61 | 25.06931   | (18011720) | 398107.92 |
| 3804806.87 | 25.71597   | (18011720) |            |           |
| 398130.42  | 3804813.14 | 26.23931   | (18011720) | 398152.92 |
| 3804819.40 | 26.63135   | (18011720) |            |           |
| 398175.43  | 3804825.67 | 26.88615   | (18011720) | 398197.93 |
| 3804831.93 | 26.99941   | (18011720) |            |           |
| 398220.43  | 3804838.20 | 26.96953   | (18011720) | 398242.94 |
| 3804844.46 | 26.79685   | (18011720) |            |           |
| 398265.44  | 3804850.72 | 26.48430   | (18011720) | 398287.95 |
| 3804856.99 | 26.03653   | (18011720) |            |           |
| 398310.45  | 3804863.25 | 25.73881   | (17122508) | 398332.95 |
| 3804869.52 | 26.26201   | (17122508) |            |           |
| 398355.46  | 3804875.78 | 26.65397   | (17122508) | 398377.96 |
| 3804882.05 | 26.90842   | (17122508) |            |           |
| 398400.46  | 3804888.31 | 27.02143   | (17122508) | 398422.97 |
| 3804894.57 | 26.99128   | (17122508) |            |           |
| 398445.47  | 3804900.84 | 26.81852   | (17122508) | 398467.98 |
| 3804907.10 | 26.50574   | (17122508) |            |           |
| 398490.48  | 3804913.37 | 26.05816   | (17122508) | 398512.98 |
| 3804919.63 | 25.48274   | (17122508) |            |           |
| 398535.49  | 3804925.90 | 24.78794   | (17122508) | 398557.99 |
| 3804932.16 | 25.12983   | (17060904) |            |           |
| 398580.49  | 3804938.42 | 25.37004   | (17060904) | 398603.00 |
| 3804944.69 | 25.47729   | (17060904) |            |           |
| 398625.50  | 3804950.95 | 25.44978   | (17060904) | 398648.01 |
| 3804957.22 | 25.28802   | (17060904) |            |           |
| 398670.51  | 3804963.48 | 24.99475   | (17060904) | 398693.01 |
| 3804969.74 | 24.57461   | (17060904) |            |           |
| 398715.52  | 3804976.01 | 24.03387   | (17060904) | 398738.02 |
| 3804982.27 | 23.38141   | (17060904) |            |           |
| 398760.52  | 3804988.54 | 22.62679   | (17060904) | 398783.03 |
| 3804994.80 | 21.78096   | (17060904) |            |           |
| 398805.53  | 3805001.07 | 21.40490   | (20120402) | 398828.04 |
| 3805007.33 | 22.42807   | (20120402) |            |           |
| 398850.54  | 3805013.59 | 23.37577   | (20120402) | 398873.04 |
| 3805019.86 | 24.23529   | (20120402) |            |           |
| 398895.55  | 3805026.12 | 24.99425   | (20120402) | 398918.05 |
| 3805032.39 | 25.64115   | (20120402) |            |           |
| 398940.55  | 3805038.65 | 26.16639   | (20120402) | 398963.06 |
| 3805044.92 | 26.56235   | (20120402) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398985.56  | 3805051.18 | 26.82253   | (20120402) | 399008.06 |
| 3805057.44 | 26.94322   | (20120402) |            |           |
| 399030.57  | 3805063.71 | 26.92262   | (20120402) | 399053.07 |
| 3805069.97 | 26.76114   | (20120402) |            |           |
| 399075.58  | 3805076.24 | 26.46130   | (20120402) | 399098.08 |
| 3805082.50 | 26.02816   | (20120402) |            |           |
| 399120.58  | 3805088.77 | 25.46833   | (20120402) | 399143.09 |
| 3805095.03 | 24.79023   | (20120402) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 624

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 399165.59   | 3805101.29  | 24.00459   | (20120402) | 399188.09   |
| 3805107.56  | 23.12263    | (20120402) |            |             |
| 399210.60   | 3805113.82  | 22.89116   | (20012221) | 399233.10   |
| 3805120.09  | 22.88129    | (20012221) |            |             |
| 399255.61   | 3805126.35  | 23.16188   | (19120123) | 399278.11   |
| 3805132.62  | 24.02340    | (19120123) |            |             |
| 399300.61   | 3805138.88  | 24.78693   | (19120123) | 399323.12   |
| 3805145.14  | 25.44182    | (19120123) |            |             |
| 399345.62   | 3805151.41  | 25.97804   | (19120123) | 399368.12   |
| 3805157.67  | 26.38767    | (19120123) |            |             |
| 397230.27   | 3804562.57  | 26.68666   | (18020908) | 397207.12   |
| 3804558.43  | 26.87307    | (18020908) |            |             |
| 397183.97   | 3804554.30  | 26.91623   | (18020908) | 397160.82   |
| 3804550.16  | 26.81538    | (18020908) |            |             |
| 397137.67   | 3804546.03  | 26.57218   | (18020908) | 397114.52   |
| 3804541.90  | 26.19045    | (18020908) |            |             |
| 397091.37   | 3804537.76  | 25.67615   | (18020908) | 397068.22   |
| 3804533.63  | 25.94531    | (16010907) |            |             |
| 397045.07   | 3804529.49  | 26.40266   | (16010907) | 397021.92   |
| 3804525.36  | 26.72443    | (16010907) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816147.21 | 394900.67 | 3816156.79 | 29.90342   | (19122212) | 394857.39 |
|            |           | 26.60280   | (19102511) |            |           |
| 3816122.80 | 394906.08 | 3816132.38 | 24.68477   | (19122212) | 394862.80 |
|            |           | 23.04344   | (19102511) |            |           |
| 3816098.39 | 394911.48 | 3816107.97 | 22.88508   | (20110414) | 394868.20 |
|            |           | 21.65278   | (19102511) |            |           |
| 3816073.98 | 394916.88 | 3816083.56 | 23.24433   | (20110414) | 394873.60 |
|            |           | 21.00838   | (19122212) |            |           |
| 3816025.16 | 394927.69 | 3816034.74 | 18.50102   | (19102009) | 394884.41 |
|            |           | 18.25079   | (19122212) |            |           |
| 3815976.35 | 394938.49 | 3815985.93 | 14.02350   | (17042811) | 394895.21 |
|            |           | 14.02410   | (19122212) |            |           |
| 3815927.53 | 394949.30 | 3815937.11 | 13.61932   | (19102009) | 394906.02 |
|            |           | 13.59010   | (19122212) |            |           |
| 3815878.71 | 394960.11 | 3815888.29 | 13.93076   | (18012309) | 394916.83 |
|            |           | 13.53518   | (20110414) |            |           |
| 3815829.89 | 394970.91 | 3815839.47 | 13.86650   | (16041517) | 394927.63 |
|            |           | 13.59282   | (20110414) |            |           |
| 3815732.25 | 394992.52 | 3815741.83 | 16.67178   | (16041517) | 394949.24 |
|            |           | 16.03011   | (18122711) |            |           |
| 3815541.77 | 394992.50 | 3815639.41 | 17.57616   | (16041517) | 395014.11 |
|            |           | 18.63642   | (16041517) |            |           |
| 3815346.50 | 395035.72 | 3815444.13 | 21.47962   | (16041521) | 395057.33 |
|            |           | 30.73315   | (20020423) |            |           |
| 3814853.52 | 395089.72 | 3815097.62 | 69.19694   | (16011601) | 395143.75 |
|            |           | 296.87231  | (16010907) |            |           |
| 3816170.57 | 395197.78 | 3814609.43 | 263.60259  | (16010907) | 394827.01 |
|            |           | 36.52433   | (19102718) |            |           |
| 3816218.99 | 394826.00 | 3816194.78 | 56.62159   | (19102718) | 394824.99 |
|            |           | 74.97183   | (19102718) |            |           |
| 3816267.40 | 394823.97 | 3816243.19 | 95.52710   | (19011216) | 394822.96 |
|            |           | 120.68168  | (19092416) |            |           |
| 3816150.76 | 394821.95 | 3816291.61 | 165.79219  | (19102717) | 394811.77 |
|            |           | 32.45429   | (19102718) |            |           |
| 3816217.94 | 394801.02 | 3816193.74 | 50.71806   | (19011216) | 394800.01 |
|            |           | 69.31978   | (19092416) |            |           |
| 3816266.36 | 394798.99 | 3816242.15 | 90.34500   | (19102717) | 394797.98 |
|            |           | 113.89151  | (20021014) |            |           |
| 3816107.58 | 394786.79 | 3816149.71 | 32.27102   | (20090811) | 394826.91 |
|            |           | 19.72097   | (19121113) |            |           |
| 3816216.90 | 394776.04 | 3816192.69 | 52.93992   | (19102717) | 394775.03 |
|            |           | 68.69399   | (20020915) |            |           |
| 3816265.31 | 394774.02 | 3816241.10 | 81.96794   | (20020916) | 394773.00 |
|            |           | 98.17987   | (20021013) |            |           |
| 3816111.12 | 394761.82 | 3816148.67 | 32.83684   | (19102717) | 394781.29 |
|            |           | 23.59038   | (17012812) |            |           |
| 3816191.64 | 394811.67 | 3816087.76 | 17.71537   | (19121113) | 394751.06 |
|            |           | 50.48710   | (20020916) |            |           |
| 3816240.06 | 394750.05 | 3816215.85 | 60.18003   | (20021015) | 394749.04 |
|            |           | 70.96528   | (20021013) |            |           |





|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394688.77  | 3815994.30          | 15.40410 | (19102717) | 394722.53 |
| 3815968.34 | 13.11734 (20090811) |          |            |           |
| 394745.46  | 3815963.24          | 12.98746 | (17012812) | 394768.40 |
| 3815958.14 | 12.71839 (18122010) |          |            |           |
| 394791.34  | 3815953.04          | 12.32867 | (19121113) | 394814.27 |
| 3815947.93 | 11.55119 (19092411) |          |            |           |
| 394837.21  | 3815942.83          | 12.77501 | (19102511) | 394860.15 |
| 3815937.73 | 12.19483 (19102511) |          |            |           |
| 394883.08  | 3815932.63          | 12.84791 | (19122212) | 394602.21 |
| 3816161.16 | 26.41207 (20102602) |          |            |           |
| 394573.50  | 3816118.12          | 20.70002 | (20020917) | 394584.12 |
| 3816097.64 | 19.61905 (20021012) |          |            |           |
| 394594.75  | 3816077.16          | 18.86954 | (20060812) | 394605.37 |
| 3816056.68 | 18.60929 (20021013) |          |            |           |
| 394615.99  | 3816036.20          | 17.62599 | (16041515) | 394626.62 |
| 3816015.72 | 15.89643 (20020916) |          |            |           |
| 394637.24  | 3815995.24          | 16.39719 | (20020916) | 394647.86 |
| 3815974.77 | 14.10925 (20020915) |          |            |           |
| 394658.49  | 3815954.29          | 13.74532 | (20111709) | 394691.63 |
| 3815928.80 | 14.10286 (20111709) |          |            |           |
| 394714.15  | 3815923.79          | 13.83783 | (18122010) | 394736.67 |
| 3815918.78 | 14.15961 (18122010) |          |            |           |
| 394759.19  | 3815913.77          | 13.94349 | (18122010) | 394781.71 |
| 3815908.76 | 13.20671 (18122010) |          |            |           |
| 394804.23  | 3815903.75          | 12.07733 | (19092411) | 394826.75 |
| 3815898.75 | 12.73665 (19102511) |          |            |           |
| 394849.27  | 3815893.74          | 12.85823 | (19102511) | 394871.79 |
| 3815888.73 | 12.03987 (17012811) |          |            |           |
| 394894.31  | 3815883.72          | 13.53145 | (19122212) | 394533.76 |
| 3816096.33 | 17.75299 (20102602) |          |            |           |
| 394544.24  | 3816076.12          | 17.64494 | (20020917) | 394554.73 |
| 3816055.90 | 17.97274 (20021012) |          |            |           |
| 394565.22  | 3816035.69          | 16.59140 | (20060812) | 394575.71 |
| 3816015.47 | 15.56118 (20021013) |          |            |           |
| 394586.19  | 3815995.25          | 14.16350 | (16041515) | 394596.68 |
| 3815975.04 | 12.84982 (20020313) |          |            |           |
| 394607.17  | 3815954.82          | 12.59677 | (17082908) | 394617.65 |
| 3815934.60 | 12.89979 (20111709) |          |            |           |
| 394628.14  | 3815914.39          | 13.55528 | (20111709) | 394660.86 |
| 3815889.23 | 14.07124 (20111709) |          |            |           |
| 394683.09  | 3815884.28          | 13.86021 | (20111709) | 394705.32 |
| 3815879.34 | 13.92862 (18122010) |          |            |           |
| 394727.55  | 3815874.39          | 14.15891 | (18122010) | 394749.78 |
| 3815869.45 | 13.93589 (18122010) |          |            |           |
| 394772.01  | 3815864.50          | 13.27503 | (18122010) | 394794.25 |
| 3815859.56 | 12.36850 (19092411) |          |            |           |
| 394816.48  | 3815854.62          | 12.46159 | (19102511) | 394838.71 |
| 3815849.67 | 13.43154 (19052212) |          |            |           |
| 394860.94  | 3815844.73          | 12.64221 | (20030311) | 394883.17 |
| 3815839.78 | 12.72388 (19122212) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394905.40  | 3815834.84 | 13.48415   | (19122212) | 394413.34 |
| 3816131.68 | 16.34819   | (20012917) |            |           |
| 394424.29  | 3816110.56 | 16.13733   | (17042910) | 394446.20 |
| 3816068.32 | 15.59098   | (16120216) |            |           |
| 394457.16  | 3816047.21 | 14.41750   | (18101513) | 394468.12 |
| 3816026.09 | 14.48592   | (20102602) |            |           |
| 394479.07  | 3816004.97 | 13.40178   | (16030408) | 394490.03 |
| 3815983.85 | 12.12316   | (20021012) |            |           |
| 394500.98  | 3815962.73 | 11.17293   | (20060912) | 394511.94 |
| 3815941.61 | 11.23812   | (16020915) |            |           |
| 394522.89  | 3815920.49 | 11.19152   | (19031613) | 394533.85 |
| 3815899.38 | 11.16090   | (19060909) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 626

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394544.80   | 3815878.26  | 11.23207   | (20030215) | 394555.76   |
| 3815857.14  | 11.23755    | (20030217) |            |             |
| 394566.71   | 3815836.02  | 11.53879   | (20111709) | 394600.89   |
| 3815809.74  | 12.67849    | (17091008) |            |             |
| 394624.12   | 3815804.57  | 13.00068   | (17091008) | 394647.34   |
| 3815799.41  | 12.99121    | (17091008) |            |             |
| 394670.56   | 3815794.24  | 12.64045   | (17091008) | 394693.79   |
| 3815789.07  | 12.73171    | (18122010) |            |             |
| 394717.01   | 3815783.91  | 13.47059   | (19102718) | 394740.23   |
| 3815778.74  | 12.42124    | (17112510) |            |             |
| 394763.46   | 3815773.58  | 12.31817   | (19092411) | 394786.68   |
| 3815768.41  | 12.39282    | (20103115) |            |             |
| 394809.90   | 3815763.25  | 13.86253   | (19052212) | 394833.13   |
| 3815758.08  | 14.85145    | (19052212) |            |             |
| 394856.35   | 3815752.92  | 12.85759   | (17012811) | 394879.57   |
| 3815747.75  | 13.01591    | (19031313) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3815737.42 | 394902.80 | 3815742.59 | 13.93248   | (19031313) | 394926.02 |
|            |           | 14.86446   | (18122711) |            |           |
|            | 394402.38 | 3816152.80 | 15.40519   | (20012916) | 394401.37 |
| 3816177.01 |           | 14.66286   | (18101512) |            |           |
|            | 394400.36 | 3816201.21 | 14.47564   | (18110813) | 394399.34 |
| 3816225.42 |           | 13.95066   | (19103010) |            |           |
|            | 394398.33 | 3816249.63 | 13.30101   | (17102113) | 394397.32 |
| 3816273.83 |           | 13.13215   | (19060812) |            |           |
|            | 394396.30 | 3816298.04 | 12.72324   | (18103112) | 394313.18 |
| 3816127.97 |           | 13.34969   | (18101512) |            |           |
|            | 394323.89 | 3816107.32 | 13.82865   | (20012916) | 394334.61 |
| 3816086.67 |           | 14.32150   | (19103012) |            |           |
|            | 394345.32 | 3816066.02 | 14.51499   | (18101514) | 394356.03 |
| 3816045.37 |           | 14.03466   | (19103011) |            |           |
|            | 394366.74 | 3816024.72 | 13.21618   | (20020918) | 394377.45 |
| 3816004.07 |           | 12.86296   | (17082808) |            |           |
|            | 394388.17 | 3815983.42 | 12.76128   | (16031609) | 394398.88 |
| 3815962.77 |           | 12.36896   | (16031609) |            |           |
|            | 394409.59 | 3815942.12 | 11.71039   | (16031609) | 394420.30 |
| 3815921.47 |           | 10.83970   | (16031609) |            |           |
|            | 394431.01 | 3815900.83 | 10.46389   | (18101816) | 394441.72 |
| 3815880.18 |           | 10.35852   | (17121410) |            |           |
|            | 394452.44 | 3815859.53 | 10.40931   | (18012712) | 394463.15 |
| 3815838.88 |           | 10.47286   | (19102010) |            |           |
|            | 394473.86 | 3815818.23 | 10.55633   | (20102601) | 394484.57 |
| 3815797.58 |           | 10.73052   | (20021015) |            |           |
|            | 394495.28 | 3815776.93 | 10.53278   | (20030216) | 394506.00 |
| 3815756.28 |           | 10.75733   | (20030217) |            |           |
|            | 394539.42 | 3815730.58 | 11.33010   | (19011309) | 394562.12 |
| 3815725.53 |           | 12.18530   | (19011309) |            |           |
|            | 394584.83 | 3815720.48 | 12.96831   | (19092416) | 394607.54 |
| 3815715.43 |           | 15.17706   | (19011217) |            |           |
|            | 394630.24 | 3815710.38 | 16.81796   | (19011216) | 394652.95 |
| 3815705.33 |           | 18.32950   | (18032615) |            |           |
|            | 394675.66 | 3815700.28 | 20.06932   | (19102714) | 394698.37 |
| 3815695.23 |           | 20.91930   | (19011214) |            |           |
|            | 394721.07 | 3815690.18 | 20.36192   | (20102524) | 394743.78 |
| 3815685.12 |           | 16.88794   | (19031204) |            |           |
|            | 394766.49 | 3815680.07 | 17.13528   | (19051003) | 394789.20 |
| 3815675.02 |           | 15.42895   | (19051003) |            |           |
|            | 394811.90 | 3815669.97 | 15.66184   | (16041516) | 394834.61 |
| 3815664.92 |           | 14.95025   | (16041516) |            |           |
|            | 394857.32 | 3815659.87 | 13.29334   | (18123110) | 394880.03 |
| 3815654.82 |           | 15.08111   | (19031313) |            |           |
|            | 394902.73 | 3815649.77 | 16.12397   | (19031313) | 394925.44 |
| 3815644.72 |           | 15.62784   | (19011417) |            |           |
|            | 394948.15 | 3815639.67 | 17.42212   | (18122711) | 394302.47 |
| 3816148.62 |           | 13.13452   | (18110812) |            |           |
|            | 394301.46 | 3816172.82 | 12.58426   | (18110813) | 394300.44 |
| 3816197.03 |           | 12.82943   | (16122113) |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394299.43  | 3816221.24          | 12.93194 | (16122113) | 394298.42 |
| 3816245.44 | 12.75017 (17031409) |          |            |           |
| 394297.40  | 3816269.65          | 13.38303 | (17031409) | 394296.39 |
| 3816293.86 | 13.61116 (17031409) |          |            |           |
| 394213.57  | 3816123.21          | 11.69851 | (18101913) | 394224.58 |
| 3816101.99 | 12.02059 (20122312) |          |            |           |
| 394235.58  | 3816080.77          | 12.33933 | (18122812) | 394246.59 |
| 3816059.55 | 12.63431 (19031612) |          |            |           |
| 394257.60  | 3816038.33          | 12.91786 | (19103012) | 394268.61 |
| 3816017.11 | 13.06489 (18123113) |          |            |           |
| 394279.62  | 3815995.89          | 12.72721 | (18032711) | 394290.62 |
| 3815974.67 | 12.10770 (19121612) |          |            |           |
| 394301.63  | 3815953.45          | 11.71831 | (16031609) | 394312.64 |
| 3815932.23 | 11.71576 (16031609) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 627

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 394323.65   | 3815911.01          | 11.47480   | (16031609) | 394334.66   |
| 3815889.79  | 11.01826 (16031609) |            |            |             |
| 394345.67   | 3815868.57          | 10.37975   | (16031609) | 394356.67   |
| 3815847.35  | 9.79744 (19092116)  |            |            |             |
| 394367.68   | 3815826.13          | 9.74189    | (20060812) | 394378.69   |
| 3815804.90  | 9.93486 (20060813)  |            |            |             |
| 394389.70   | 3815783.68          | 10.04962   | (20030212) | 394400.71   |
| 3815762.46  | 9.93888 (20030218)  |            |            |             |
| 394411.71   | 3815741.24          | 10.07470   | (20102601) | 394422.72   |
| 3815720.02  | 9.95523 (19092413)  |            |            |             |
| 394433.73   | 3815698.80          | 10.09747   | (20021016) | 394444.74   |
| 3815677.58  | 10.16458 (16041518) |            |            |             |
| 394479.08   | 3815651.17          | 10.92118   | (19011309) | 394502.42   |
| 3815645.98  | 12.02254 (19011309) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3815635.60 | 394525.75 | 3815640.79 | 12.84854   | (19011309) | 394549.09 |
|            |           | 13.33014   | (19011309) |            |           |
|            | 394572.43 | 3815630.41 | 13.71897   | (19052213) | 394595.76 |
| 3815625.22 |           | 14.53034   | (19011217) |            |           |
|            | 394619.10 | 3815620.03 | 15.38454   | (20110416) | 394642.43 |
| 3815614.84 |           | 16.38776   | (18032615) |            |           |
|            | 394665.77 | 3815609.65 | 17.34838   | (19102714) | 394689.10 |
| 3815604.46 |           | 19.87826   | (20102524) |            |           |
|            | 394712.44 | 3815599.27 | 22.97017   | (16043014) | 394735.77 |
| 3815594.08 |           | 24.74805   | (19031204) |            |           |
|            | 394759.11 | 3815588.89 | 22.90940   | (19051003) | 394782.45 |
| 3815583.70 |           | 19.51683   | (19051003) |            |           |
|            | 394805.78 | 3815578.50 | 17.72779   | (16041516) | 394829.12 |
| 3815573.31 |           | 17.31045   | (18123110) |            |           |
|            | 394852.45 | 3815568.12 | 15.53062   | (17050818) | 394875.79 |
| 3815562.93 |           | 16.10554   | (19031313) |            |           |
|            | 394899.12 | 3815557.74 | 17.51125   | (19031313) | 394922.46 |
| 3815552.55 |           | 17.32411   | (20030220) |            |           |
|            | 394945.80 | 3815547.36 | 19.08347   | (19011417) | 394969.13 |
| 3815542.17 |           | 18.93252   | (18122711) |            |           |
|            | 394202.56 | 3816144.43 | 11.59084   | (16122113) | 394201.55 |
| 3816168.64 |           | 11.95622   | (16122113) |            |           |
|            | 394200.53 | 3816192.85 | 12.07175   | (16122113) | 394199.52 |
| 3816217.05 |           | 11.91677   | (16122113) |            |           |
|            | 394198.51 | 3816241.26 | 11.48747   | (16122113) | 394197.49 |
| 3816265.47 |           | 12.05662   | (17031409) |            |           |
|            | 394196.48 | 3816289.67 | 12.23827   | (17031409) | 394113.47 |
| 3816119.39 |           | 10.57311   | (16122113) |            |           |
|            | 394124.29 | 3816098.54 | 10.65153   | (20090815) | 394135.11 |
| 3816077.68 |           | 10.83299   | (17042911) |            |           |
|            | 394145.93 | 3816056.82 | 11.10311   | (19103014) | 394156.75 |
| 3816035.96 |           | 11.36167   | (19112314) |            |           |
|            | 394167.57 | 3816015.10 | 11.51215   | (19102413) | 394178.39 |
| 3815994.25 |           | 11.75631   | (16051710) |            |           |
|            | 394189.21 | 3815973.39 | 11.84009   | (18123111) | 394200.03 |
| 3815952.53 |           | 11.41623   | (16041610) |            |           |
|            | 394210.85 | 3815931.67 | 10.63844   | (20021010) | 394221.67 |
| 3815910.82 |           | 10.46789   | (16031609) |            |           |
|            | 394232.49 | 3815889.96 | 10.60377   | (16031609) | 394243.31 |
| 3815869.10 |           | 10.56467   | (16031609) |            |           |
|            | 394254.13 | 3815848.24 | 10.35799   | (16031609) | 394264.95 |
| 3815827.38 |           | 9.99860    | (16031609) |            |           |
|            | 394275.77 | 3815806.53 | 9.50760    | (16031609) | 394286.59 |
| 3815785.67 |           | 9.37143    | (18032710) |            |           |
|            | 394297.41 | 3815764.81 | 9.37922    | (16092815) | 394308.23 |
| 3815743.95 |           | 9.29563    | (17090916) |            |           |
|            | 394319.05 | 3815723.10 | 9.43140    | (20030211) | 394329.87 |
| 3815702.24 |           | 9.37730    | (16041707) |            |           |
|            | 394340.69 | 3815681.38 | 9.73763    | (16041707) | 394351.51 |
| 3815660.52 |           | 9.88336    | (16041707) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394362.33  | 3815639.66 | 9.82494    | (16041707) | 394373.15 |
| 3815618.81 | 9.57529    | (16041707) |            |           |
| 394383.97  | 3815597.95 | 10.03761   | (20041012) | 394417.72 |
| 3815571.99 | 10.72283   | (19011218) |            |           |
| 394440.66  | 3815566.89 | 11.28497   | (20020311) | 394463.60 |
| 3815561.79 | 11.99021   | (19011309) |            |           |
| 394486.53  | 3815556.68 | 12.74149   | (19011309) | 394509.47 |
| 3815551.58 | 13.21680   | (19011309) |            |           |
| 394532.41  | 3815546.48 | 13.37523   | (19011309) | 394555.34 |
| 3815541.38 | 13.20038   | (19011309) |            |           |
| 394578.28  | 3815536.28 | 12.69785   | (19011309) | 394601.22 |
| 3815531.18 | 12.78809   | (20110416) |            |           |
| 394624.15  | 3815526.07 | 13.47505   | (19102714) | 394647.09 |
| 3815520.97 | 13.60655   | (19011214) |            |           |
| 394670.03  | 3815515.87 | 14.69252   | (20102524) | 394692.96 |
| 3815510.77 | 15.14439   | (16043014) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 628

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394715.90   | 3815505.67  | 16.29216   | (19031204) | 394738.84   |
| 3815500.56  | 17.36543    | (19051003) |            |             |
| 394761.77   | 3815495.46  | 17.99364   | (19051003) | 394784.71   |
| 3815490.36  | 17.01837    | (16041516) |            |             |
| 394807.65   | 3815485.26  | 18.80127   | (18123110) | 394830.58   |
| 3815480.16  | 19.17079    | (17050818) |            |             |
| 394853.52   | 3815475.06  | 19.09916   | (19042216) | 394876.46   |
| 3815469.95  | 19.68567    | (19042216) |            |             |
| 394899.40   | 3815464.85  | 20.18991   | (19031313) | 394922.33   |
| 3815459.75  | 20.87421    | (17122021) |            |             |
| 394945.27   | 3815454.65  | 21.12733   | (19011417) | 394968.21   |
| 3815449.55  | 21.31009    | (20012717) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816140.25 | 394991.14 | 3815444.45 | 22.01343   | (19042217) | 394102.65 |
|            |           | 10.69294   | (16122113) |            |           |
|            | 394101.63 | 3816164.46 | 10.74570   | (16122113) | 394100.62 |
| 3816188.66 |           | 10.60892   | (16122113) |            |           |
|            | 394099.61 | 3816212.87 | 10.28127   | (16122113) | 394098.59 |
| 3816237.08 |           | 10.51498   | (20111009) |            |           |
|            | 394097.58 | 3816261.28 | 10.69091   | (20111009) | 394096.57 |
| 3816285.49 |           | 10.66108   | (20111009) |            |           |
|            | 394013.77 | 3816114.79 | 9.75085    | (16122113) | 394024.81 |
| 3816093.52 |           | 9.73845    | (18111313) |            |           |
|            | 394035.84 | 3816072.24 | 9.82446    | (16041709) | 394046.88 |
| 3816050.97 |           | 9.98667    | (19103016) |            |           |
|            | 394057.92 | 3816029.69 | 10.09070   | (19102415) | 394068.95 |
| 3816008.42 |           | 10.32493   | (20022514) |            |           |
|            | 394079.99 | 3815987.14 | 10.48238   | (17121412) | 394091.03 |
| 3815965.87 |           | 10.68102   | (16122615) |            |           |
|            | 394102.06 | 3815944.59 | 10.77289   | (18021518) | 394113.10 |
| 3815923.32 |           | 10.92836   | (19121715) |            |           |
|            | 394124.13 | 3815902.04 | 10.83457   | (17120711) | 394135.17 |
| 3815880.77 |           | 10.12293   | (17021213) |            |           |
|            | 394146.21 | 3815859.49 | 9.49528    | (16031609) | 394157.24 |
| 3815838.22 |           | 9.64966    | (16031609) |            |           |
|            | 394168.28 | 3815816.94 | 9.66565    | (16031609) | 394179.32 |
| 3815795.67 |           | 9.54650    | (16031609) |            |           |
|            | 394190.35 | 3815774.39 | 9.30085    | (16031609) | 394201.39 |
| 3815753.12 |           | 8.94232    | (16031609) |            |           |
|            | 394212.43 | 3815731.84 | 8.88137    | (17120712) | 394223.46 |
| 3815710.57 |           | 8.87462    | (20020912) |            |           |
|            | 394234.50 | 3815689.29 | 8.84877    | (20020911) | 394245.54 |
| 3815668.02 |           | 8.86487    | (17090916) |            |           |
|            | 394256.57 | 3815646.74 | 8.93677    | (20030211) | 394267.61 |
| 3815625.47 |           | 9.44443    | (16041707) |            |           |
|            | 394278.64 | 3815604.19 | 9.77688    | (16041707) | 394289.68 |
| 3815582.92 |           | 9.92577    | (16041707) |            |           |
|            | 394300.72 | 3815561.64 | 9.89021    | (16041707) | 394311.75 |
| 3815540.37 |           | 9.68144    | (16041707) |            |           |
|            | 394322.79 | 3815519.09 | 9.82637    | (18011315) | 394357.22 |
| 3815492.62 |           | 10.54722   | (18032616) |            |           |
|            | 394380.62 | 3815487.41 | 10.92142   | (19011218) | 394404.01 |
| 3815482.21 |           | 11.29102   | (20020311) |            |           |
|            | 394427.41 | 3815477.00 | 12.01771   | (16041520) | 394450.80 |
| 3815471.80 |           | 12.71026   | (19010216) |            |           |
|            | 394474.20 | 3815466.60 | 13.09261   | (19010216) | 394497.59 |
| 3815461.39 |           | 13.53352   | (19010217) |            |           |
|            | 394520.99 | 3815456.19 | 13.79603   | (16120317) | 394544.39 |
| 3815450.99 |           | 13.99166   | (19123009) |            |           |
|            | 394567.78 | 3815445.78 | 15.01945   | (20110416) | 394591.18 |
| 3815440.58 |           | 15.16339   | (19102714) |            |           |
|            | 394614.57 | 3815435.38 | 15.78854   | (20010616) | 394637.97 |
| 3815430.17 |           | 15.43361   | (20010616) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394661.36  | 3815424.97 | 16.17778   | (16043014) | 394684.76 |
| 3815419.76 | 16.21766   | (16043014) |            |           |
| 394708.15  | 3815414.56 | 16.09466   | (19031204) | 394731.55 |
| 3815409.36 | 15.31540   | (19051003) |            |           |
| 394754.94  | 3815404.15 | 15.20907   | (19051003) | 394778.34 |
| 3815398.95 | 14.68752   | (16041516) |            |           |
| 394801.74  | 3815393.75 | 16.56572   | (18123110) | 394825.13 |
| 3815388.54 | 17.84663   | (17050818) |            |           |
| 394848.53  | 3815383.34 | 18.49609   | (19042216) | 394871.92 |
| 3815378.13 | 19.80409   | (19042216) |            |           |
| 394895.32  | 3815372.93 | 19.53586   | (20031007) | 394918.71 |
| 3815367.73 | 20.55307   | (17122021) |            |           |
| 394942.11  | 3815362.52 | 21.62351   | (16121904) | 394965.50 |
| 3815357.32 | 24.29027   | (16121904) |            |           |
| 394988.90  | 3815352.12 | 25.22476   | (18022702) | 395012.30 |
| 3815346.91 | 26.96496   | (16122524) |            |           |
| 394002.73  | 3816136.07 | 9.66750    | (16122113) | 394001.72 |
| 3816160.28 | 9.54101    | (16122113) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 629

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394000.71   | 3816184.48  | 9.41132    | (17120414) | 393999.69   |
| 3816208.69  | 9.40950     | (20111009) |            |             |
| 393998.68   | 3816232.90  | 9.59618    | (20111009) | 393997.67   |
| 3816257.10  | 9.63492     | (20111009) |            |             |
| 393996.65   | 3816281.31  | 9.52064    | (20111009) | 393763.94   |
| 3816104.43  | 8.44831     | (19083007) |            |             |
| 393774.93   | 3816083.25  | 8.55943    | (19083007) | 393785.91   |
| 3816062.08  | 8.51891     | (19083007) |            |             |
| 393796.90   | 3816040.90  | 8.32549    | (19083007) | 393807.88   |
| 3816019.72  | 8.06866     | (17030216) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393818.87  | 3815998.54          | 8.17465  | (17120614) | 393829.86 |
| 3815977.36 | 8.27904 (19103001)  |          |            |           |
| 393840.84  | 3815956.18          | 8.35224  | (18030515) | 393851.83 |
| 3815935.00 | 8.39373 (16040617)  |          |            |           |
| 393862.82  | 3815913.83          | 8.39751  | (16032310) | 393873.80 |
| 3815892.65 | 8.52143 (19103017)  |          |            |           |
| 393884.79  | 3815871.47          | 8.68242  | (20121812) | 393895.78 |
| 3815850.29 | 8.75698 (18021519)  |          |            |           |
| 393906.76  | 3815829.11          | 8.78014  | (20102715) | 393917.75 |
| 3815807.93 | 8.66519 (19123011)  |          |            |           |
| 393928.74  | 3815786.75          | 8.34330  | (19060917) | 393939.72 |
| 3815765.57 | 8.49363 (20041707)  |          |            |           |
| 393950.71  | 3815744.40          | 8.57519  | (20041707) | 393961.70 |
| 3815723.22 | 8.50809 (20041707)  |          |            |           |
| 393972.68  | 3815702.04          | 8.29221  | (20041707) | 393983.67 |
| 3815680.86 | 7.94187 (20041707)  |          |            |           |
| 393994.66  | 3815659.68          | 7.78191  | (16011012) | 394005.64 |
| 3815638.50 | 7.79611 (19102812)  |          |            |           |
| 394016.63  | 3815617.32          | 7.79690  | (17120612) | 394027.61 |
| 3815596.15 | 7.75943 (19011219)  |          |            |           |
| 394038.60  | 3815574.97          | 7.57448  | (19102116) | 394049.59 |
| 3815553.79 | 7.76867 (17120712)  |          |            |           |
| 394060.57  | 3815532.61          | 7.68373  | (18120709) | 394071.56 |
| 3815511.43 | 7.85130 (17090918)  |          |            |           |
| 394082.55  | 3815490.25          | 7.75456  | (19112524) | 394093.53 |
| 3815469.07 | 7.92843 (16041707)  |          |            |           |
| 394104.52  | 3815447.89          | 8.35339  | (16041707) | 394115.51 |
| 3815426.72 | 8.67578 (16041707)  |          |            |           |
| 394126.49  | 3815405.54          | 8.88777  | (16041707) | 394137.48 |
| 3815384.36 | 8.98644 (16041707)  |          |            |           |
| 394148.47  | 3815363.18          | 8.97321  | (16041707) | 394159.45 |
| 3815342.00 | 8.85339 (16041707)  |          |            |           |
| 394170.44  | 3815320.82          | 9.06627  | (17012617) | 394204.72 |
| 3815294.46 | 9.55612 (20011816)  |          |            |           |
| 394228.00  | 3815289.28          | 9.91273  | (18041318) | 394251.29 |
| 3815284.10 | 10.04386 (20011818) |          |            |           |
| 394274.58  | 3815278.92          | 10.28639 | (18120621) | 394297.87 |
| 3815273.74 | 11.15909 (18120621) |          |            |           |
| 394321.16  | 3815268.56          | 11.53515 | (20011817) | 394344.45 |
| 3815263.38 | 11.98127 (18010216) |          |            |           |
| 394367.74  | 3815258.20          | 12.38337 | (18120701) | 394391.03 |
| 3815253.02 | 12.98373 (19102516) |          |            |           |
| 394414.32  | 3815247.84          | 13.40280 | (17083020) | 394437.61 |
| 3815242.66 | 13.95385 (19091217) |          |            |           |
| 394460.90  | 3815237.48          | 14.31611 | (19103116) | 394484.19 |
| 3815232.30 | 14.90531 (19103116) |          |            |           |
| 394507.48  | 3815227.12          | 14.96485 | (19103117) | 394530.77 |
| 3815221.94 | 15.32327 (18120624) |          |            |           |
| 394554.06  | 3815216.76          | 16.23935 | (16020317) | 394577.35 |
| 3815211.58 | 17.86221 (20020307) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394600.64  | 3815206.40 | 21.79419   | (17120702) | 394623.93 |
| 3815201.22 | 24.99576   | (20112706) |            |           |
| 394647.22  | 3815196.04 | 24.93219   | (19011817) | 394670.51 |
| 3815190.86 | 24.96371   | (18021306) |            |           |
| 394693.80  | 3815185.68 | 23.28424   | (17012801) | 394717.09 |
| 3815180.50 | 21.71108   | (17122024) |            |           |
| 394740.38  | 3815175.32 | 23.21843   | (16121905) | 394763.67 |
| 3815170.14 | 26.30579   | (16121905) |            |           |
| 394786.96  | 3815164.96 | 29.94453   | (19112323) | 394810.24 |
| 3815159.78 | 30.93327   | (18120708) |            |           |
| 394833.53  | 3815154.60 | 30.08587   | (18120324) | 394856.82 |
| 3815149.42 | 28.29991   | (19011207) |            |           |
| 394880.11  | 3815144.24 | 29.25168   | (18012806) | 394903.40 |
| 3815139.06 | 33.45500   | (19031003) |            |           |
| 394926.69  | 3815133.88 | 50.47078   | (19103102) | 394949.98 |
| 3815128.70 | 64.23211   | (16122124) |            |           |
| 394973.27  | 3815123.52 | 80.70504   | (20041004) | 394996.56 |
| 3815118.34 | 85.39033   | (17012821) |            |           |
| 395019.85  | 3815113.16 | 73.04045   | (19120403) | 395043.14 |
| 3815107.98 | 61.17238   | (18032121) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 630

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395066.43   | 3815102.80  | 71.93896   | (16011601) | 393752.95   |
| 3816125.61  | 8.19446     | (19083007) |            |             |
| 393751.94   | 3816149.82  | 7.82748    | (19083007) | 393750.93   |
| 3816174.03  | 7.69205     | (20111009) |            |             |
| 393749.91   | 3816198.23  | 7.83212    | (19022710) | 393748.90   |
| 3816222.44  | 7.72949     | (20111009) |            |             |
| 393747.89   | 3816246.65  | 7.65965    | (20011509) | 393746.87   |
| 3816270.85  | 7.76950     | (18120710) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393514.13  | 3816094.04          | 7.19156  | (19120409) | 393525.08 |
| 3816072.92 | 7.37278 (19083007)  |          |            |           |
| 393536.04  | 3816051.80          | 7.61217  | (19083007) | 393546.99 |
| 3816030.68 | 7.76215 (19083007)  |          |            |           |
| 393557.95  | 3816009.56          | 7.81575  | (19083007) | 393568.90 |
| 3815988.44 | 7.76895 (19083007)  |          |            |           |
| 393579.86  | 3815967.33          | 7.62175  | (19083007) | 393590.81 |
| 3815946.21 | 7.37823 (19083007)  |          |            |           |
| 393601.77  | 3815925.09          | 7.04694  | (19083007) | 393612.72 |
| 3815903.97 | 6.94365 (19102801)  |          |            |           |
| 393623.68  | 3815882.85          | 7.09453  | (19051017) | 393634.63 |
| 3815861.73 | 7.20103 (19051017)  |          |            |           |
| 393645.59  | 3815840.62          | 7.16795  | (19112523) | 393656.55 |
| 3815819.50 | 7.22531 (20030209)  |          |            |           |
| 393667.50  | 3815798.38          | 7.31412  | (16020517) | 393678.46 |
| 3815777.26 | 7.34266 (17121715)  |          |            |           |
| 393689.41  | 3815756.14          | 7.27341  | (19031108) | 393700.37 |
| 3815735.02 | 7.17041 (17120915)  |          |            |           |
| 393711.32  | 3815713.90          | 7.25762  | (16120116) | 393722.28 |
| 3815692.79 | 7.14452 (18110809)  |          |            |           |
| 393733.23  | 3815671.67          | 7.28184  | (20041707) | 393744.19 |
| 3815650.55 | 7.51964 (20041707)  |          |            |           |
| 393755.14  | 3815629.43          | 7.66211  | (20041707) | 393766.10 |
| 3815608.31 | 7.70480 (20041707)  |          |            |           |
| 393777.05  | 3815587.19          | 7.64726  | (20041707) | 393788.01 |
| 3815566.07 | 7.49305 (20041707)  |          |            |           |
| 393798.96  | 3815544.96          | 7.24938  | (20041707) | 393809.92 |
| 3815523.84 | 7.07899 (17010716)  |          |            |           |
| 393820.87  | 3815502.72          | 7.00888  | (17010716) | 393831.83 |
| 3815481.60 | 6.86880 (19123010)  |          |            |           |
| 393842.78  | 3815460.48          | 6.86761  | (16010216) | 393853.74 |
| 3815439.36 | 7.03300 (16010216)  |          |            |           |
| 393864.70  | 3815418.24          | 7.01985  | (16010216) | 393875.65 |
| 3815397.13 | 6.83337 (19102116)  |          |            |           |
| 393886.61  | 3815376.01          | 7.15254  | (18120709) | 393897.56 |
| 3815354.89 | 7.40717 (18120709)  |          |            |           |
| 393908.52  | 3815333.77          | 7.48655  | (18120709) | 393919.47 |
| 3815312.65 | 7.46420 (18120709)  |          |            |           |
| 393930.43  | 3815291.53          | 7.62310  | (18103016) | 393941.38 |
| 3815270.42 | 8.86338 (19102316)  |          |            |           |
| 393952.34  | 3815249.30          | 10.29144 | (19051014) | 393963.29 |
| 3815228.18 | 11.87810 (19123022) |          |            |           |
| 393974.25  | 3815207.06          | 14.99055 | (20122321) | 393985.20 |
| 3815185.94 | 21.88752 (20121224) |          |            |           |
| 393996.16  | 3815164.82          | 33.56943 | (19020818) | 394007.11 |
| 3815143.70 | 40.61729 (19020818) |          |            |           |
| 394018.07  | 3815122.59          | 34.60408 | (17051823) | 394052.25 |
| 3815096.30 | 30.75027 (17051823) |          |            |           |
| 394075.47  | 3815091.14          | 40.81613 | (16011703) | 394098.69 |
| 3815085.97 | 56.31039 (18010821) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394121.92  | 3815080.80 | 78.87863   | (18010821) | 394145.14 |
| 3815075.64 | 96.81800   | (16112024) |            |           |
| 394168.37  | 3815070.47 | 105.25170  | (16112024) | 394191.59 |
| 3815065.31 | 87.33462   | (20021206) |            |           |
| 394214.81  | 3815060.14 | 77.32523   | (16113018) | 394238.04 |
| 3815054.98 | 60.75743   | (16113018) |            |           |
| 394261.26  | 3815049.81 | 55.55496   | (17030403) | 394284.48 |
| 3815044.65 | 55.27315   | (17030403) |            |           |
| 394307.71  | 3815039.48 | 60.88574   | (19112306) | 394330.93 |
| 3815034.32 | 71.81536   | (19112306) |            |           |
| 394354.15  | 3815029.15 | 76.84498   | (17123017) | 394377.38 |
| 3815023.98 | 89.19495   | (18032119) |            |           |
| 394400.60  | 3815018.82 | 90.30369   | (18012422) | 394423.82 |
| 3815013.65 | 108.27317  | (19022703) |            |           |
| 394447.05  | 3815008.49 | 112.94561  | (19022703) | 394470.27 |
| 3815003.32 | 129.54039  | (18111922) |            |           |
| 394493.49  | 3814998.16 | 131.48285  | (19013023) | 394516.72 |
| 3814992.99 | 117.82224  | (19011618) |            |           |
| 394539.94  | 3814987.83 | 129.00870  | (20112802) | 394563.16 |
| 3814982.66 | 151.05354  | (18022507) |            |           |
| 394586.39  | 3814977.50 | 159.66865  | (18022507) | 394609.61 |
| 3814972.33 | 166.19315  | (19122319) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 631

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394632.83   | 3814967.16  | 241.69154  | (16010219) | 394656.06   |
| 3814962.00  | 298.81398   | (17012519) |            |             |
| 394679.28   | 3814956.83  | 330.01261  | (17012519) | 394702.50   |
| 3814951.67  | 271.64191   | (16122601) |            |             |
| 394725.73   | 3814946.50  | 217.63958  | (17121817) | 394748.95   |
| 3814941.34  | 146.84715   | (18111617) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394772.17  | 3814936.17 | 120.13077  | (16012117) | 394795.40 |
| 3814931.01 | 124.16812  | (20082903) |            |           |
| 394818.62  | 3814925.84 | 139.48654  | (18012119) | 394841.84 |
| 3814920.68 | 135.52029  | (18012119) |            |           |
| 394865.07  | 3814915.51 | 116.53899  | (17032322) | 394888.29 |
| 3814910.34 | 123.25160  | (17032322) |            |           |
| 394911.52  | 3814905.18 | 151.48481  | (16120203) | 394934.74 |
| 3814900.01 | 175.98331  | (19123108) |            |           |
| 394957.96  | 3814894.85 | 183.42355  | (16122124) | 394981.19 |
| 3814889.68 | 217.54968  | (16120407) |            |           |
| 395004.41  | 3814884.52 | 233.04347  | (16120407) | 395027.63 |
| 3814879.35 | 224.07803  | (20120701) |            |           |
| 395050.86  | 3814874.19 | 239.91697  | (20031107) | 395074.08 |
| 3814869.02 | 248.21281  | (17031703) |            |           |
| 395097.30  | 3814863.86 | 270.06690  | (16022404) | 395120.53 |
| 3814858.69 | 299.22252  | (20021818) |            |           |
| 393503.17  | 3816115.16 | 7.81365    | (19120409) | 393502.16 |
| 3816139.36 | 8.25336    | (19120409) |            |           |
| 393501.14  | 3816163.57 | 8.48449    | (19120409) | 393500.13 |
| 3816187.78 | 8.48163    | (19120409) |            |           |
| 393499.12  | 3816211.98 | 8.22922    | (19120409) | 393498.10 |
| 3816236.19 | 7.75400    | (19120409) |            |           |
| 393497.09  | 3816260.40 | 7.09272    | (19120409) | 393264.52 |
| 3816083.25 | 8.59571    | (19120409) |            |           |
| 393275.65  | 3816061.79 | 8.13678    | (19120409) | 393286.78 |
| 3816040.34 | 7.53886    | (19120409) |            |           |
| 393297.91  | 3816018.88 | 6.82947    | (19120409) | 393309.04 |
| 3815997.43 | 6.70504    | (19083007) |            |           |
| 393320.17  | 3815975.98 | 6.85130    | (19083007) | 393331.29 |
| 3815954.52 | 6.93193    | (19083007) |            |           |
| 393342.42  | 3815933.07 | 6.94372    | (19083007) | 393353.55 |
| 3815911.62 | 6.88553    | (19083007) |            |           |
| 393364.68  | 3815890.16 | 6.75800    | (19083007) | 393375.81 |
| 3815868.71 | 6.56389    | (19083007) |            |           |
| 393386.94  | 3815847.25 | 6.31647    | (17043007) | 393398.07 |
| 3815825.80 | 6.15178    | (17043007) |            |           |
| 393409.20  | 3815804.35 | 6.00777    | (19051017) | 393420.33 |
| 3815782.89 | 6.17200    | (19051017) |            |           |
| 393431.46  | 3815761.44 | 6.22226    | (19051017) | 393442.59 |
| 3815739.99 | 6.19974    | (19031108) |            |           |
| 393453.72  | 3815718.53 | 6.38212    | (19031108) | 393464.84 |
| 3815697.08 | 6.49998    | (19031108) |            |           |
| 393475.97  | 3815675.62 | 6.54958    | (19031108) | 393487.10 |
| 3815654.17 | 6.52913    | (19031108) |            |           |
| 393498.23  | 3815632.72 | 6.45307    | (18120418) | 393509.36 |
| 3815611.26 | 6.54998    | (16120116) |            |           |
| 393520.49  | 3815589.81 | 6.52741    | (16120116) | 393531.62 |
| 3815568.36 | 6.35504    | (16120116) |            |           |
| 393542.75  | 3815546.90 | 6.43551    | (20041707) | 393553.88 |
| 3815525.45 | 6.62606    | (20041707) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393565.01  | 3815504.00         | 6.75066 | (20041707) | 393576.14 |
| 3815482.54 | 6.80628 (20041707) |         |            |           |
| 393587.27  | 3815461.09         | 6.79205 | (20041707) | 393598.39 |
| 3815439.63 | 6.70918 (20041707) |         |            |           |
| 393609.52  | 3815418.18         | 6.56106 | (20041707) | 393620.65 |
| 3815396.73 | 6.35277 (20041707) |         |            |           |
| 393631.78  | 3815375.27         | 6.28684 | (17010716) | 393642.91 |
| 3815353.82 | 6.23321 (17010716) |         |            |           |
| 393654.04  | 3815332.37         | 6.16812 | (20021717) | 393665.17 |
| 3815310.91 | 6.21076 (20021717) |         |            |           |
| 393676.30  | 3815289.46         | 6.41006 | (19011515) | 393687.43 |
| 3815268.00 | 6.58861 (19011515) |         |            |           |
| 393698.56  | 3815246.55         | 7.07800 | (19101517) | 393709.69 |
| 3815225.10 | 7.58196 (19101517) |         |            |           |
| 393720.82  | 3815203.64         | 7.78258 | (17121701) | 393731.94 |
| 3815182.19 | 7.76383 (20120316) |         |            |           |
| 393743.07  | 3815160.74         | 7.91796 | (16012609) | 393754.20 |
| 3815139.28 | 7.89374 (17112816) |         |            |           |
| 393765.33  | 3815117.83         | 7.93453 | (17112816) | 393776.46 |
| 3815096.37 | 7.94270 (17111817) |         |            |           |
| 393787.59  | 3815074.92         | 7.97890 | (16020418) | 393798.72 |
| 3815053.47 | 8.18290 (19123022) |         |            |           |
| 393809.85  | 3815032.01         | 8.43888 | (19123022) | 393820.98 |
| 3815010.56 | 8.35913 (19051015) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 632

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393832.11   | 3814989.11         | 8.50609    | (20022018) | 393843.24   |
| 3814967.65  | 8.56530 (20022018) |            |            |             |
| 393854.37   | 3814946.20         | 8.72676    | (19051016) | 393865.49   |
| 3814924.74  | 9.01603 (17120816) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393900.22  | 3814898.04 | 9.87237    | (19100617) | 393923.81 |
| 3814892.80 | 10.22838   | (16032618) |            |           |
| 393947.40  | 3814887.55 | 10.41563   | (18100717) | 393970.99 |
| 3814882.30 | 10.82186   | (17010718) |            |           |
| 393994.58  | 3814877.05 | 11.88818   | (16012603) | 394018.18 |
| 3814871.81 | 15.35926   | (19122301) |            |           |
| 394041.77  | 3814866.56 | 21.51857   | (19122301) | 394065.36 |
| 3814861.31 | 37.58286   | (16112024) |            |           |
| 394088.95  | 3814856.06 | 59.11424   | (20021206) | 394112.54 |
| 3814850.82 | 86.78528   | (16113018) |            |           |
| 394136.14  | 3814845.57 | 113.80314  | (18120918) | 394159.73 |
| 3814840.32 | 160.76472  | (18120918) |            |           |
| 394183.32  | 3814835.07 | 231.29479  | (18120308) | 394206.91 |
| 3814829.83 | 250.20218  | (20010220) |            |           |
| 394230.50  | 3814824.58 | 272.85451  | (17123103) | 394254.10 |
| 3814819.33 | 265.75264  | (17123103) |            |           |
| 394277.69  | 3814814.08 | 246.20579  | (17102717) | 394301.28 |
| 3814808.84 | 262.68759  | (17102717) |            |           |
| 394324.87  | 3814803.59 | 238.20341  | (19020706) | 394348.46 |
| 3814798.34 | 277.98438  | (19020706) |            |           |
| 394372.06  | 3814793.09 | 269.58593  | (19020706) | 394395.65 |
| 3814787.85 | 268.63741  | (17021124) |            |           |
| 394419.24  | 3814782.60 | 284.04767  | (17021124) | 394442.83 |
| 3814777.35 | 254.65042  | (20031204) |            |           |
| 394466.43  | 3814772.10 | 232.86924  | (20031204) | 394490.02 |
| 3814766.86 | 277.30695  | (16102920) |            |           |
| 394513.61  | 3814761.61 | 275.99468  | (16102920) | 394537.20 |
| 3814756.36 | 280.71632  | (16040119) |            |           |
| 394560.79  | 3814751.11 | 241.35010  | (16040119) | 394584.39 |
| 3814745.87 | 266.84391  | (16010219) |            |           |
| 394607.98  | 3814740.62 | 249.80115  | (16010219) | 394631.57 |
| 3814735.37 | 275.60616  | (17012519) |            |           |
| 394655.16  | 3814730.12 | 281.14219  | (17012519) | 394678.75 |
| 3814724.88 | 253.85694  | (17121817) |            |           |
| 394702.35  | 3814719.63 | 282.44509  | (17121817) | 394725.94 |
| 3814714.38 | 261.35351  | (17121817) |            |           |
| 394749.53  | 3814709.13 | 224.57802  | (16012117) | 394773.12 |
| 3814703.89 | 266.06743  | (17122407) |            |           |
| 394796.71  | 3814698.64 | 281.98155  | (17122407) | 394820.31 |
| 3814693.39 | 249.93503  | (17122407) |            |           |
| 394843.90  | 3814688.14 | 273.45301  | (18061202) | 394867.49 |
| 3814682.90 | 266.69571  | (18061202) |            |           |
| 394891.08  | 3814677.65 | 254.06590  | (20113008) | 394914.67 |
| 3814672.40 | 243.49713  | (16010220) |            |           |
| 394938.27  | 3814667.15 | 275.08285  | (16010220) | 394961.86 |
| 3814661.91 | 262.79611  | (16010220) |            |           |
| 394985.45  | 3814656.66 | 259.26080  | (16120407) | 395009.04 |
| 3814651.41 | 274.88061  | (16120407) |            |           |
| 395032.63  | 3814646.16 | 248.24917  | (16120407) | 395056.23 |
| 3814640.92 | 200.76040  | (20031107) |            |           |



|                                                                                |            |            |            |           |
|--------------------------------------------------------------------------------|------------|------------|------------|-----------|
| 395079.82                                                                      | 3814635.67 | 202.37954  | (20031107) | 395103.41 |
| 3814630.42                                                                     | 211.31922  | (17031703) |            |           |
| 395127.00                                                                      | 3814625.17 | 229.31185  | (16022404) | 395150.60 |
| 3814619.93                                                                     | 251.35024  | (20021818) |            |           |
| 395174.19                                                                      | 3814614.68 | 259.21260  | (20021818) | 393253.39 |
| 3816104.70                                                                     | 8.88996    | (19120409) |            |           |
| 393252.38                                                                      | 3816128.91 | 9.02091    | (19120409) | 393251.36 |
| 3816153.11                                                                     | 8.95009    | (19120409) |            |           |
| 393250.35                                                                      | 3816177.32 | 8.68471    | (19120409) | 393249.34 |
| 3816201.53                                                                     | 8.24329    | (19120409) |            |           |
| 393248.32                                                                      | 3816225.73 | 7.65318    | (19120409) | 393247.31 |
| 3816249.94                                                                     | 6.94596    | (19120409) |            |           |
| 393014.70                                                                      | 3816072.87 | 8.85163    | (19120409) | 393025.78 |
| 3816051.50                                                                     | 8.68774    | (19120409) |            |           |
| 393036.87                                                                      | 3816030.13 | 8.39447    | (19120409) | 393047.95 |
| 3816008.76                                                                     | 7.98533    | (19120409) |            |           |
| 393059.04                                                                      | 3815987.39 | 7.47461    | (19120409) | 393070.13 |
| 3815966.02                                                                     | 6.88626    | (19120409) |            |           |
| 393081.21                                                                      | 3815944.64 | 6.23190    | (19120409) | 393092.30 |
| 3815923.27                                                                     | 6.05802    | (19083007) |            |           |
| 393103.39                                                                      | 3815901.90 | 6.14870    | (19083007) | 393114.47 |
| 3815880.53                                                                     | 6.19239    | (19083007) |            |           |
| 393125.56                                                                      | 3815859.16 | 6.18753    | (19083007) | 393136.65 |
| 3815837.79                                                                     | 6.13359    | (19083007) |            |           |
| 393147.73                                                                      | 3815816.42 | 6.03124    | (19083007) | 393158.82 |
| 3815795.05                                                                     | 5.88234    | (19083007) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume Study |            |            |            |           |
| *** 02/10/26                                                                   |            |            |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study                   |            |            |            |           |
| *** 17:54:19                                                                   |            |            |            |           |

PAGE 633

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393169.90   | 3815773.68  | 5.68984    | (19083007) | 393180.99   |
| 3815752.30  | 5.57432     | (17043007) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393192.08  | 3815730.93          | 5.41845  | (17043007) | 393203.16 |
| 3815709.56 | 5.22291 (17043007)  |          |            |           |
| 393214.25  | 3815688.19          | 5.31765  | (19051017) | 393225.34 |
| 3815666.82 | 5.32830 (19051017)  |          |            |           |
| 393236.42  | 3815645.45          | 5.51734  | (19031108) | 393247.51 |
| 3815624.08 | 5.67092 (19031108)  |          |            |           |
| 393258.60  | 3815602.71          | 5.77999  | (19031108) | 393269.68 |
| 3815581.33 | 5.84186 (19031108)  |          |            |           |
| 393280.77  | 3815559.96          | 5.85511  | (19031108) | 393291.85 |
| 3815538.59 | 5.85354 (16020618)  |          |            |           |
| 393302.94  | 3815517.22          | 5.81224  | (16100618) | 393314.03 |
| 3815495.85 | 5.82102 (16120116)  |          |            |           |
| 393325.11  | 3815474.48          | 5.83388  | (16120116) | 393336.20 |
| 3815453.11 | 5.82993 (19011220)  |          |            |           |
| 393347.29  | 3815431.74          | 5.89136  | (16110818) | 393358.37 |
| 3815410.36 | 5.85624 (16110818)  |          |            |           |
| 393369.46  | 3815388.99          | 5.94713  | (20041707) | 393380.55 |
| 3815367.62 | 6.02942 (20041707)  |          |            |           |
| 393391.63  | 3815346.25          | 6.06324  | (20041707) | 393402.72 |
| 3815324.88 | 6.04835 (20041707)  |          |            |           |
| 393413.80  | 3815303.51          | 5.98556  | (20041707) | 393424.89 |
| 3815282.14 | 5.87687 (20041707)  |          |            |           |
| 393435.98  | 3815260.77          | 5.72526  | (20041707) | 393447.06 |
| 3815239.39 | 5.67723 (17092617)  |          |            |           |
| 393458.15  | 3815218.02          | 5.72062  | (20090823) | 393469.24 |
| 3815196.65 | 5.71216 (18112616)  |          |            |           |
| 393480.32  | 3815175.28          | 5.67710  | (18112616) | 393491.41 |
| 3815153.91 | 5.83751 (19121704)  |          |            |           |
| 393502.50  | 3815132.54          | 5.96710  | (20021106) | 393513.58 |
| 3815111.17 | 5.94116 (17092417)  |          |            |           |
| 393524.67  | 3815089.80          | 5.93010  | (17092417) | 393535.75 |
| 3815068.42 | 6.00086 (19101517)  |          |            |           |
| 393546.84  | 3815047.05          | 6.24037  | (18120709) | 393557.93 |
| 3815025.68 | 6.50617 (18120709)  |          |            |           |
| 393569.01  | 3815004.31          | 6.67845  | (18120709) | 393580.10 |
| 3814982.94 | 6.75362 (18120709)  |          |            |           |
| 393591.19  | 3814961.57          | 6.73411  | (18120709) | 393602.27 |
| 3814940.20 | 6.61279 (18120709)  |          |            |           |
| 393613.36  | 3814918.83          | 6.40092  | (18120709) | 393624.45 |
| 3814897.45 | 6.10606 (18120709)  |          |            |           |
| 393635.53  | 3814876.08          | 6.22521  | (16020418) | 393646.62 |
| 3814854.71 | 6.35856 (18021617)  |          |            |           |
| 393657.70  | 3814833.34          | 6.65442  | (18021617) | 393668.79 |
| 3814811.97 | 6.95434 (18021617)  |          |            |           |
| 393679.88  | 3814790.60          | 7.44029  | (20022018) | 393690.96 |
| 3814769.23 | 7.94820 (17121116)  |          |            |           |
| 393702.05  | 3814747.86          | 9.09009  | (17121722) | 393713.14 |
| 3814726.49 | 12.23125 (17121722) |          |            |           |
| 393747.72  | 3814699.89          | 15.21069 | (18100623) | 393771.23 |
| 3814694.66 | 13.26832 (18050906) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393794.73  | 3814689.43 | 10.71414   | (18112724) | 393818.23 |
| 3814684.20 | 9.09415    | (16032618) |            |           |
| 393841.73  | 3814678.98 | 9.20982    | (17010718) | 393865.23 |
| 3814673.75 | 11.74638   | (19020817) |            |           |
| 393888.73  | 3814668.52 | 13.39825   | (19122223) | 393912.23 |
| 3814663.30 | 14.73614   | (19122301) |            |           |
| 393935.73  | 3814658.07 | 14.35746   | (17022103) | 393959.24 |
| 3814652.84 | 14.98594   | (17022103) |            |           |
| 393982.74  | 3814647.61 | 15.55600   | (17020206) | 394006.24 |
| 3814642.39 | 16.04921   | (20060805) |            |           |
| 394029.74  | 3814637.16 | 18.63600   | (20060805) | 394053.24 |
| 3814631.93 | 20.40548   | (19092119) |            |           |
| 394076.74  | 3814626.70 | 26.25627   | (17030403) | 394100.24 |
| 3814621.48 | 25.71175   | (17030403) |            |           |
| 394123.75  | 3814616.25 | 26.38994   | (19012318) | 394147.25 |
| 3814611.02 | 33.72428   | (19112306) |            |           |
| 394170.75  | 3814605.80 | 51.15860   | (19112306) | 394194.25 |
| 3814600.57 | 80.34675   | (17123017) |            |           |
| 394217.75  | 3814595.34 | 118.40949  | (18032119) | 394241.25 |
| 3814590.11 | 164.35070  | (17102717) |            |           |
| 394264.75  | 3814584.89 | 207.25636  | (19020706) | 394288.25 |
| 3814579.66 | 193.34665  | (19020706) |            |           |
| 394311.76  | 3814574.43 | 137.69356  | (19012920) | 394335.26 |
| 3814569.20 | 117.29304  | (18111922) |            |           |
| 394358.76  | 3814563.98 | 119.74139  | (18111922) | 394382.26 |
| 3814558.75 | 120.84094  | (20031204) |            |           |
| 394405.76  | 3814553.52 | 109.40528  | (20031204) | 394429.26 |
| 3814548.30 | 102.60461  | (19011618) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 634

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394452.76  | 3814543.07 | 109.78840  | (18010823) | 394476.26 |
| 3814537.84 | 131.17536  | (16040119) |            |           |
| 394499.77  | 3814532.61 | 157.92914  | (16040119) | 394523.27 |
| 3814527.39 | 179.41987  | (16010219) |            |           |
| 394546.77  | 3814522.16 | 209.16739  | (16010219) | 394570.27 |
| 3814516.93 | 210.64638  | (16010219) |            |           |
| 394593.77  | 3814511.70 | 235.23038  | (17012519) | 394617.27 |
| 3814506.48 | 248.50142  | (17012519) |            |           |
| 394640.77  | 3814501.25 | 226.45331  | (17012519) | 394664.28 |
| 3814496.02 | 238.42859  | (17121817) |            |           |
| 394687.78  | 3814490.80 | 244.87102  | (17121817) | 394711.28 |
| 3814485.57 | 217.39801  | (17121817) |            |           |
| 394734.78  | 3814480.34 | 196.61759  | (16012117) | 394758.28 |
| 3814475.11 | 231.31473  | (17122407) |            |           |
| 394781.78  | 3814469.89 | 246.43921  | (17122407) | 394805.28 |
| 3814464.66 | 227.81811  | (17122407) |            |           |
| 394828.78  | 3814459.43 | 230.28425  | (18061202) | 394852.29 |
| 3814454.20 | 240.98695  | (18061202) |            |           |
| 394875.79  | 3814448.98 | 222.16281  | (20113008) | 394899.29 |
| 3814443.75 | 215.66139  | (20113008) |            |           |
| 394922.79  | 3814438.52 | 217.75257  | (16010220) | 394946.29 |
| 3814433.30 | 239.96541  | (16010220) |            |           |
| 394969.79  | 3814428.07 | 231.54847  | (16010220) | 394993.29 |
| 3814422.84 | 217.51626  | (16120407) |            |           |
| 395016.80  | 3814417.61 | 238.89980  | (16120407) | 395040.30 |
| 3814412.39 | 230.82037  | (16120407) |            |           |
| 395063.80  | 3814407.16 | 196.65465  | (16120407) | 395087.30 |
| 3814401.93 | 176.69315  | (20031107) |            |           |
| 395110.80  | 3814396.70 | 175.13596  | (17031703) | 395134.30 |
| 3814391.48 | 182.64204  | (17031703) |            |           |
| 395157.80  | 3814386.25 | 198.01357  | (16022404) | 395181.30 |
| 3814381.02 | 213.91420  | (20021818) |            |           |
| 395204.81  | 3814375.80 | 227.22156  | (20021818) | 395228.31 |
| 3814370.57 | 224.43042  | (16010907) |            |           |
| 393003.61  | 3816094.24 | 8.86957    | (19120409) | 393002.60 |
| 3816118.45 | 8.75752    | (19120409) |            |           |
| 393001.58  | 3816142.66 | 8.50364    | (19120409) | 393000.57 |
| 3816166.86 | 8.11647    | (19120409) |            |           |
| 392999.56  | 3816191.07 | 7.61711    | (19120409) | 392998.54 |
| 3816215.28 | 7.02371    | (19120409) |            |           |
| 392997.53  | 3816239.48 | 6.36396    | (19120409) | 392515.07 |
| 3816052.07 | 7.79434    | (19120409) |            |           |
| 392526.10  | 3816030.81 | 7.94267    | (19120409) | 392537.13 |
| 3816009.55 | 8.01391    | (19120409) |            |           |
| 392548.16  | 3815988.29 | 8.00404    | (19120409) | 392559.19 |
| 3815967.03 | 7.91275    | (19120409) |            |           |
| 392570.22  | 3815945.77 | 7.74085    | (19120409) | 392581.25 |
| 3815924.51 | 7.49250    | (19120409) |            |           |
| 392592.28  | 3815903.25 | 7.17375    | (19120409) | 392603.30 |
| 3815881.99 | 6.79371    | (19120409) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392614.33  | 3815860.73 | 6.36250    | (19120409) | 392625.36 |
| 3815839.47 | 5.89149    | (19120409) |            |           |
| 392636.39  | 3815818.21 | 5.39239    | (19120409) | 392647.42 |
| 3815796.95 | 4.98208    | (19083007) |            |           |
| 392658.45  | 3815775.69 | 5.04373    | (19083007) | 392669.48 |
| 3815754.43 | 5.07978    | (19083007) |            |           |
| 392680.50  | 3815733.17 | 5.08938    | (19083007) | 392691.53 |
| 3815711.91 | 5.07216    | (19083007) |            |           |
| 392702.56  | 3815690.65 | 5.02810    | (19083007) | 392713.59 |
| 3815669.39 | 4.95764    | (19083007) |            |           |
| 392724.62  | 3815648.13 | 4.86163    | (19083007) | 392735.65 |
| 3815626.87 | 4.74135    | (19083007) |            |           |
| 392746.68  | 3815605.61 | 4.64915    | (17043007) | 392757.70 |
| 3815584.35 | 4.56606    | (17043007) |            |           |
| 392768.73  | 3815563.09 | 4.51858    | (18012718) | 392779.76 |
| 3815541.83 | 4.51664    | (19031120) |            |           |
| 392790.79  | 3815520.57 | 4.56779    | (19031120) | 392801.82 |
| 3815499.31 | 4.61494    | (18111817) |            |           |
| 392812.85  | 3815478.05 | 4.53957    | (18111817) | 392823.88 |
| 3815456.79 | 4.54405    | (16012519) |            |           |
| 392834.90  | 3815435.53 | 4.61206    | (19031108) | 392845.93 |
| 3815414.27 | 4.70116    | (19031108) |            |           |
| 392856.96  | 3815393.01 | 4.76521    | (19031108) | 392867.99 |
| 3815371.75 | 4.80317    | (19031108) |            |           |
| 392879.02  | 3815350.49 | 4.81442    | (19031108) | 392890.05 |
| 3815329.24 | 4.79881    | (19031108) |            |           |
| 392901.08  | 3815307.98 | 4.75658    | (19031108) | 392912.10 |
| 3815286.72 | 4.68846    | (19031108) |            |           |
| 392923.13  | 3815265.46 | 4.67554    | (20021018) | 392934.16 |
| 3815244.20 | 4.74427    | (20021018) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 635

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392945.19  | 3815222.94          | 4.68871  | (20021018) | 392956.22 |
| 3815201.68 | 4.75881 (20032217)  |          |            |           |
| 392967.25  | 3815180.42          | 4.85983  | (20032217) | 392978.28 |
| 3815159.16 | 4.83849 (20032217)  |          |            |           |
| 392989.30  | 3815137.90          | 4.88425  | (16112917) | 393000.33 |
| 3815116.64 | 4.92633 (20041707)  |          |            |           |
| 393011.36  | 3815095.38          | 4.96697  | (20041707) | 393022.39 |
| 3815074.12 | 4.98092 (20041707)  |          |            |           |
| 393033.42  | 3815052.86          | 4.96817  | (20041707) | 393044.45 |
| 3815031.60 | 4.93931 (18120716)  |          |            |           |
| 393055.48  | 3815010.34          | 4.86723  | (18120716) | 393066.51 |
| 3814989.08 | 4.79721 (18101817)  |          |            |           |
| 393077.53  | 3814967.82          | 4.72818  | (17092617) | 393088.56 |
| 3814946.56 | 4.73728 (20090823)  |          |            |           |
| 393099.59  | 3814925.30          | 4.85217  | (20090823) | 393110.62 |
| 3814904.04 | 4.98730 (19110717)  |          |            |           |
| 393121.65  | 3814882.78          | 5.31822  | (18050318) | 393132.68 |
| 3814861.52 | 5.65652 (18050318)  |          |            |           |
| 393143.71  | 3814840.26          | 6.30222  | (19121704) | 393154.73 |
| 3814819.00 | 6.99417 (19121704)  |          |            |           |
| 393165.76  | 3814797.74          | 10.66142 | (17120408) | 393176.79 |
| 3814776.48 | 16.11273 (19011017) |          |            |           |
| 393187.82  | 3814755.22          | 24.90238 | (18111301) | 393198.85 |
| 3814733.96 | 31.88620 (20010404) |          |            |           |
| 393209.88  | 3814712.70          | 34.16413 | (20021104) | 393220.91 |
| 3814691.44 | 33.87969 (20021104) |          |            |           |
| 393231.93  | 3814670.18          | 28.36812 | (20021104) | 393242.96 |
| 3814648.92 | 21.05665 (16112418) |          |            |           |
| 393253.99  | 3814627.66          | 16.22060 | (20111518) | 393265.02 |
| 3814606.40 | 12.85756 (20111518) |          |            |           |
| 393276.05  | 3814585.14          | 9.52398  | (17092519) | 393287.08 |
| 3814563.88 | 7.30929 (18120316)  |          |            |           |
| 393298.11  | 3814542.62          | 6.54312  | (18120316) | 393309.13 |
| 3814521.36 | 6.11583 (16032318)  |          |            |           |
| 393320.16  | 3814500.10          | 5.78394  | (16032318) | 393331.19 |
| 3814478.84 | 5.66036 (16032318)  |          |            |           |
| 393342.22  | 3814457.58          | 5.44251  | (18021617) | 393353.25 |
| 3814436.32 | 5.36427 (17012417)  |          |            |           |
| 393364.28  | 3814415.06          | 5.51769  | (17012417) | 393375.31 |
| 3814393.80 | 5.51536 (17012417)  |          |            |           |
| 393386.33  | 3814372.54          | 5.46433  | (17012417) | 393397.36 |
| 3814351.28 | 5.64214 (17121116)  |          |            |           |
| 393408.39  | 3814330.02          | 5.80525  | (17121116) | 393442.80 |
| 3814303.56 | 5.54527 (17121116)  |          |            |           |
| 393466.18  | 3814298.36          | 5.49280  | (17120816) | 393489.56 |
| 3814293.16 | 5.51278 (19100617)  |          |            |           |
| 393512.94  | 3814287.96          | 5.53245  | (19100617) | 393536.31 |
| 3814282.76 | 5.59797 (16032618)  |          |            |           |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393559.69  | 3814277.56           | 5.58441   | (16032618) | 393583.07 |
| 3814272.36 | 5.64343 (16120716)   |           |            |           |
| 393606.45  | 3814267.16           | 5.71527   | (16120716) | 393629.83 |
| 3814261.96 | 5.68535 (16120716)   |           |            |           |
| 393653.21  | 3814256.76           | 5.82185   | (16113016) | 393676.59 |
| 3814251.56 | 6.04455 (16113016)   |           |            |           |
| 393699.97  | 3814246.36           | 6.25543   | (16113016) | 393723.35 |
| 3814241.16 | 6.42186 (18020417)   |           |            |           |
| 393746.72  | 3814235.96           | 6.55455   | (18020417) | 393770.10 |
| 3814230.76 | 6.63795 (19041718)   |           |            |           |
| 393793.48  | 3814225.56           | 7.00868   | (19041718) | 393816.86 |
| 3814220.36 | 7.18943 (19041718)   |           |            |           |
| 393840.24  | 3814215.16           | 7.20248   | (19041718) | 393863.62 |
| 3814209.96 | 7.38088 (19102517)   |           |            |           |
| 393887.00  | 3814204.76           | 8.21995   | (16122319) | 393910.38 |
| 3814199.56 | 9.24007 (16122604)   |           |            |           |
| 393933.76  | 3814194.36           | 10.62278  | (16122604) | 393957.13 |
| 3814189.16 | 12.27246 (16122604)  |           |            |           |
| 393980.51  | 3814183.96           | 13.84234  | (19120517) | 394003.89 |
| 3814178.76 | 14.17234 (19120517)  |           |            |           |
| 394027.27  | 3814173.56           | 14.77169  | (19011918) | 394050.65 |
| 3814168.36 | 15.81436 (19011617)  |           |            |           |
| 394074.03  | 3814163.16           | 19.21055  | (18032119) | 394097.41 |
| 3814157.96 | 27.98936 (18012422)  |           |            |           |
| 394120.79  | 3814152.76           | 38.92442  | (18012422) | 394144.17 |
| 3814147.56 | 57.42864 (19020706)  |           |            |           |
| 394167.54  | 3814142.36           | 72.18202  | (19020706) | 394190.92 |
| 3814137.16 | 78.57678 (19012920)  |           |            |           |
| 394214.30  | 3814131.96           | 78.92682  | (18111922) | 394237.68 |
| 3814126.76 | 87.21021 (18111922)  |           |            |           |
| 394261.06  | 3814121.56           | 108.90461 | (20031204) | 394284.44 |
| 3814116.36 | 126.85506 (20031204) |           |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 636

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| -----       |                      |            |            |             |
| 394307.82   | 3814111.16           | 141.96732  | (16102920) | 394331.20   |
| 3814105.96  | 190.13457 (16102920) |            |            |             |
| 394354.58   | 3814100.76           | 194.68642  | (16102920) | 394377.95   |
| 3814095.56  | 193.20466 (16040119) |            |            |             |
| 394401.33   | 3814090.36           | 192.49045  | (16040119) | 394424.71   |
| 3814085.16  | 173.28839 (16040119) |            |            |             |
| 394448.09   | 3814079.96           | 175.00645  | (16010219) | 394471.47   |
| 3814074.76  | 167.92796 (16010219) |            |            |             |
| 394494.85   | 3814069.56           | 128.50319  | (16010219) | 394518.23   |
| 3814064.36  | 111.62212 (17012519) |            |            |             |
| 394541.61   | 3814059.16           | 145.67441  | (17012519) | 394564.99   |
| 3814053.96  | 176.11209 (17012519) |            |            |             |
| 394588.36   | 3814048.76           | 172.48212  | (17012519) | 394611.74   |
| 3814043.56  | 187.02382 (17121817) |            |            |             |
| 394635.12   | 3814038.36           | 194.42076  | (17121817) | 394658.50   |
| 3814033.16  | 183.07972 (17121817) |            |            |             |
| 394681.88   | 3814027.96           | 156.26156  | (17121817) | 394705.26   |
| 3814022.76  | 155.34444 (16012117) |            |            |             |
| 394728.64   | 3814017.56           | 181.29858  | (17122407) | 394752.02   |
| 3814012.36  | 193.69132 (17122407) |            |            |             |
| 394775.40   | 3814007.16           | 187.91690  | (17122407) | 394798.77   |
| 3814001.96  | 165.71496 (17122407) |            |            |             |
| 394822.15   | 3813996.76           | 185.32717  | (18061202) | 394845.53   |
| 3813991.56  | 190.00050 (18061202) |            |            |             |
| 394868.91   | 3813986.36           | 177.37568  | (18061202) | 394892.29   |
| 3813981.16  | 173.62470 (20113008) |            |            |             |
| 394915.67   | 3813975.96           | 159.40963  | (20113008) | 394939.05   |
| 3813970.76  | 176.87868 (16010220) |            |            |             |
| 394962.43   | 3813965.56           | 188.95066  | (16010220) | 394985.81   |
| 3813960.36  | 184.48075 (16010220) |            |            |             |
| 395009.18   | 3813955.16           | 164.82503  | (16010220) | 395032.56   |
| 3813949.96  | 180.83344 (16120407) |            |            |             |
| 395055.94   | 3813944.76           | 188.18327  | (16120407) | 395079.32   |
| 3813939.56  | 179.62141 (16120407) |            |            |             |
| 395102.70   | 3813934.36           | 157.45642  | (16120407) | 395126.08   |
| 3813929.16  | 134.71656 (20031107) |            |            |             |
| 395149.46   | 3813923.96           | 137.68069  | (20031107) | 395172.84   |
| 3813918.76  | 139.49739 (17031703) |            |            |             |
| 395196.22   | 3813913.56           | 141.74674  | (17031703) | 395219.59   |
| 3813908.36  | 153.38896 (16022404) |            |            |             |
| 395242.97   | 3813903.16           | 160.62511  | (20021818) | 395266.35   |
| 3813897.96  | 175.59523 (20021818) |            |            |             |
| 395289.73   | 3813892.76           | 177.54359  | (20021818) | 395313.11   |
| 3813887.56  | 177.08940 (16010907) |            |            |             |
| 392504.05   | 3816073.33           | 7.57437    | (19120409) | 392503.03   |
| 3816097.54  | 7.28920 (19120409)   |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392502.02  | 3816121.74          | 6.93598  | (19120409) | 392501.01 |
| 3816145.95 | 6.52491 (19120409)  |          |            |           |
| 392499.99  | 3816170.16          | 6.34312  | (18102017) | 392498.98 |
| 3816194.36 | 6.48239 (19013116)  |          |            |           |
| 392497.97  | 3816218.57          | 6.61855  | (19013116) | 392015.59 |
| 3816031.02 | 33.87923 (20102621) |          |            |           |
| 392026.69  | 3816009.62          | 25.98108 | (19010220) | 392037.79 |
| 3815988.22 | 19.22457 (17121703) |          |            |           |
| 392048.89  | 3815966.82          | 15.33719 | (19012501) | 392059.99 |
| 3815945.42 | 13.11792 (20040906) |          |            |           |
| 392071.09  | 3815924.02          | 11.91696 | (20040906) | 392082.19 |
| 3815902.62 | 10.43955 (20040906) |          |            |           |
| 392093.29  | 3815881.22          | 9.37753  | (17021703) | 392104.40 |
| 3815859.82 | 8.30744 (17021703)  |          |            |           |
| 392115.50  | 3815838.42          | 7.13726  | (17021703) | 392126.60 |
| 3815817.02 | 6.78883 (19101006)  |          |            |           |
| 392137.70  | 3815795.62          | 6.46219  | (19101006) | 392148.80 |
| 3815774.22 | 5.99086 (19101006)  |          |            |           |
| 392159.90  | 3815752.82          | 5.62891  | (20020421) | 392171.00 |
| 3815731.42 | 5.60241 (16012517)  |          |            |           |
| 392182.11  | 3815710.02          | 5.59974  | (16012517) | 392193.21 |
| 3815688.62 | 5.53757 (16012517)  |          |            |           |
| 392204.31  | 3815667.22          | 5.50918  | (18021108) | 392215.41 |
| 3815645.82 | 5.35982 (18021108)  |          |            |           |
| 392226.51  | 3815624.42          | 5.11962  | (18021108) | 392237.61 |
| 3815603.02 | 4.94972 (20090918)  |          |            |           |
| 392248.71  | 3815581.62          | 4.94165  | (20090918) | 392259.81 |
| 3815560.22 | 4.84404 (20090918)  |          |            |           |
| 392270.92  | 3815538.82          | 4.61867  | (20090918) | 392282.02 |
| 3815517.42 | 4.44039 (19123116)  |          |            |           |
| 392293.12  | 3815496.02          | 4.53578  | (19123116) | 392304.22 |
| 3815474.62 | 4.52419 (19123116)  |          |            |           |
| 392315.32  | 3815453.22          | 4.36442  | (19123116) | 392326.42 |
| 3815431.82 | 4.27163 (19112219)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 637

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------------------------------|--------------------|-------------|
| 392337.52                  | 3815410.42                        | 4.15829 (18012718) | 392348.63   |
| 3815389.02                 | 4.11569 (18012718)                |                    |             |
| 392359.73                  | 3815367.61                        | 3.99609 (18012718) | 392370.83   |
| 3815346.21                 | 3.95386 (19031120)                |                    |             |
| 392381.93                  | 3815324.81                        | 4.02673 (18111817) | 392393.03   |
| 3815303.41                 | 4.05473 (18111817)                |                    |             |
| 392404.13                  | 3815282.01                        | 4.07525 (18121116) | 392415.23   |
| 3815260.61                 | 4.08747 (18121116)                |                    |             |
| 392426.34                  | 3815239.21                        | 4.09563 (17101517) | 392437.44   |
| 3815217.81                 | 4.12297 (17101517)                |                    |             |
| 392448.54                  | 3815196.41                        | 4.06901 (17101517) | 392459.64   |
| 3815175.01                 | 4.07623 (19031108)                |                    |             |
| 392470.74                  | 3815153.61                        | 4.13937 (19012619) | 392481.84   |
| 3815132.21                 | 4.15620 (19012619)                |                    |             |
| 392492.94                  | 3815110.81                        | 4.17891 (18041718) | 392504.04   |
| 3815089.41                 | 4.20756 (18041718)                |                    |             |
| 392515.15                  | 3815068.01                        | 4.30440 (20112708) | 392526.25   |
| 3815046.61                 | 4.32371 (20112708)                |                    |             |
| 392537.35                  | 3815025.21                        | 4.25832 (20112708) | 392548.45   |
| 3815003.81                 | 4.25990 (16122516)                |                    |             |
| 392559.55                  | 3814982.41                        | 4.36722 (16122516) | 392570.65   |
| 3814961.01                 | 4.38012 (16122516)                |                    |             |
| 392581.75                  | 3814939.61                        | 4.34175 (20032217) | 392592.86   |
| 3814918.21                 | 4.29980 (20032217)                |                    |             |
| 392603.96                  | 3814896.81                        | 4.32429 (19102117) | 392615.06   |
| 3814875.41                 | 4.36404 (19102117)                |                    |             |
| 392626.16                  | 3814854.01                        | 4.31265 (19102117) | 392637.26   |
| 3814832.61                 | 4.31777 (17012918)                |                    |             |
| 392648.36                  | 3814811.21                        | 4.43491 (19020717) | 392659.46   |
| 3814789.81                 | 4.50601 (19020717)                |                    |             |
| 392670.56                  | 3814768.41                        | 4.52743 (18120716) | 392681.67   |
| 3814747.01                 | 4.60305 (18120716)                |                    |             |
| 392692.77                  | 3814725.61                        | 4.57573 (18120716) | 392703.87   |
| 3814704.21                 | 4.46246 (18120716)                |                    |             |
| 392714.97                  | 3814682.81                        | 4.56685 (16121716) | 392726.07   |
| 3814661.41                 | 4.86762 (16121716)                |                    |             |
| 392737.17                  | 3814640.01                        | 5.06641 (16121716) | 392748.27   |
| 3814618.61                 | 5.13476 (16121716)                |                    |             |
| 392759.38                  | 3814597.21                        | 5.10684 (16121716) | 392770.48   |
| 3814575.81                 | 5.18848 (18050318)                |                    |             |
| 392781.58                  | 3814554.41                        | 5.18487 (18050318) | 392792.68   |
| 3814533.01                 | 5.08876 (18050318)                |                    |             |
| 392803.78                  | 3814511.61                        | 5.08771 (19121704) | 392814.88   |
| 3814490.21                 | 5.07076 (18102117)                |                    |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392825.98  | 3814468.81 | 5.29541    | (18102117) | 392837.08 |
| 3814447.41 | 5.45239    | (18102117) |            |           |
| 392848.19  | 3814426.01 | 5.69412    | (20022017) | 392859.29 |
| 3814404.61 | 5.88155    | (20022017) |            |           |
| 392870.39  | 3814383.21 | 6.00229    | (20022017) | 392881.49 |
| 3814361.81 | 6.31415    | (17012518) |            |           |
| 392892.59  | 3814340.41 | 6.85377    | (17011307) | 392903.69 |
| 3814319.01 | 7.54002    | (17011307) |            |           |
| 392914.79  | 3814297.61 | 8.34981    | (17011307) | 392925.90 |
| 3814276.21 | 8.93485    | (20111518) |            |           |
| 392937.00  | 3814254.81 | 9.82940    | (20111518) | 392948.10 |
| 3814233.41 | 10.56461   | (20111518) |            |           |
| 392959.20  | 3814212.01 | 11.72840   | (17092519) | 392970.30 |
| 3814190.61 | 12.59340   | (17092519) |            |           |
| 392981.40  | 3814169.21 | 12.95353   | (17122507) | 392992.50 |
| 3814147.81 | 15.07751   | (17122507) |            |           |
| 393003.60  | 3814126.41 | 16.28769   | (17122507) | 393014.71 |
| 3814105.01 | 16.81709   | (18120718) |            |           |
| 393025.81  | 3814083.61 | 22.74862   | (18120718) | 393036.91 |
| 3814062.21 | 28.91675   | (18120718) |            |           |
| 393048.01  | 3814040.81 | 33.51960   | (18120718) | 393059.11 |
| 3814019.41 | 37.31893   | (19021306) |            |           |
| 393070.21  | 3813998.01 | 34.18697   | (19021306) | 393081.31 |
| 3813976.61 | 26.76153   | (18120321) |            |           |
| 393092.42  | 3813955.21 | 23.47506   | (18120321) | 393103.52 |
| 3813933.81 | 22.38450   | (18120321) |            |           |
| 393138.15  | 3813907.17 | 29.91982   | (20040905) | 393161.68 |
| 3813901.94 | 31.27763   | (17021606) |            |           |
| 393185.22  | 3813896.70 | 33.67026   | (17021606) | 393208.75 |
| 3813891.47 | 29.79003   | (17021606) |            |           |
| 393232.28  | 3813886.24 | 31.84549   | (17051823) | 393255.82 |
| 3813881.00 | 36.82988   | (17051823) |            |           |
| 393279.35  | 3813875.77 | 37.23520   | (17051823) | 393302.88 |
| 3813870.53 | 47.29579   | (20121922) |            |           |
| 393326.42  | 3813865.30 | 56.96628   | (20121922) | 393349.95 |
| 3813860.06 | 59.60627   | (20121922) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 638

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |           | Y-COORD (M)<br>CONC  | CONC      | (YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------|----------------------|-----------|------------|-------------|
| -----                      |           |                      |           |            |             |
|                            | 393373.48 | 3813854.83           | 60.11046  | (20121922) | 393397.02   |
| 3813849.60                 |           | 58.57347 (16011701)  |           |            |             |
|                            | 393420.55 | 3813844.36           | 53.14946  | (16011701) | 393444.08   |
| 3813839.13                 |           | 42.03998 (18092722)  |           |            |             |
|                            | 393467.61 | 3813833.89           | 33.22313  | (18092722) | 393491.15   |
| 3813828.66                 |           | 27.27958 (16112024)  |           |            |             |
|                            | 393514.68 | 3813823.42           | 21.37099  | (16112024) | 393538.21   |
| 3813818.19                 |           | 14.50910 (20021206)  |           |            |             |
|                            | 393561.75 | 3813812.96           | 11.59489  | (19020817) | 393585.28   |
| 3813807.72                 |           | 8.94038 (17020206)   |           |            |             |
|                            | 393608.81 | 3813802.49           | 7.96708   | (20060805) | 393632.35   |
| 3813797.25                 |           | 6.73770 (20060805)   |           |            |             |
|                            | 393655.88 | 3813792.02           | 5.80273   | (19102517) | 393679.41   |
| 3813786.78                 |           | 5.72577 (20112916)   |           |            |             |
|                            | 393702.95 | 3813781.55           | 5.81082   | (20112916) | 393726.48   |
| 3813776.31                 |           | 5.92748 (20112916)   |           |            |             |
|                            | 393750.01 | 3813771.08           | 6.81806   | (16122604) | 393773.54   |
| 3813765.85                 |           | 7.29070 (16122604)   |           |            |             |
|                            | 393797.08 | 3813760.61           | 7.40379   | (19120517) | 393820.61   |
| 3813755.38                 |           | 7.69639 (19120517)   |           |            |             |
|                            | 393844.14 | 3813750.14           | 7.99937   | (19011918) | 393867.68   |
| 3813744.91                 |           | 8.58706 (19011918)   |           |            |             |
|                            | 393891.21 | 3813739.67           | 9.32722   | (19011617) | 393914.74   |
| 3813734.44                 |           | 10.64911 (16122308)  |           |            |             |
|                            | 393938.28 | 3813729.21           | 13.60580  | (16122308) | 393961.81   |
| 3813723.97                 |           | 20.23786 (18012422)  |           |            |             |
|                            | 393985.34 | 3813718.74           | 30.29677  | (19022703) | 394008.88   |
| 3813713.50                 |           | 39.12101 (19020706)  |           |            |             |
|                            | 394032.41 | 3813708.27           | 42.03439  | (19020706) | 394055.94   |
| 3813703.03                 |           | 47.27146 (19012920)  |           |            |             |
|                            | 394079.47 | 3813697.80           | 57.62371  | (17021124) | 394103.01   |
| 3813692.57                 |           | 75.99342 (17021124)  |           |            |             |
|                            | 394126.54 | 3813687.33           | 98.29612  | (17021124) | 394150.07   |
| 3813682.10                 |           | 122.54756 (20031204) |           |            |             |
|                            | 394173.61 | 3813676.86           | 122.91992 | (20031204) | 394197.14   |
| 3813671.63                 |           | 110.70509 (16102920) |           |            |             |
|                            | 394220.67 | 3813666.39           | 123.18187 | (16102920) | 394244.21   |
| 3813661.16                 |           | 133.13237 (16102920) |           |            |             |
|                            | 394267.74 | 3813655.92           | 138.91760 | (16102920) | 394291.27   |
| 3813650.69                 |           | 152.81563 (16040119) |           |            |             |
|                            | 394314.81 | 3813645.46           | 154.77838 | (16040119) | 394338.34   |
| 3813640.22                 |           | 139.74635 (16040119) |           |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394361.87  | 3813634.99 | 140.12027  | (16010219) | 394385.41 |
| 3813629.75 | 148.06807  | (16010219) |            |           |
| 394408.94  | 3813624.52 | 145.16783  | (16010219) | 394432.47 |
| 3813619.28 | 132.07057  | (16010219) |            |           |
| 394456.00  | 3813614.05 | 149.15355  | (17012519) | 394479.54 |
| 3813608.82 | 158.82570  | (17012519) |            |           |
| 394503.07  | 3813603.58 | 156.99751  | (17012519) | 394526.60 |
| 3813598.35 | 144.10812  | (17012519) |            |           |
| 394550.14  | 3813593.11 | 124.84812  | (17121817) | 394573.67 |
| 3813587.88 | 110.53630  | (17121817) |            |           |
| 394597.20  | 3813582.64 | 93.75389   | (17121817) | 394620.74 |
| 3813577.41 | 83.11008   | (17121817) |            |           |
| 394644.27  | 3813572.18 | 82.36762   | (16012117) | 394667.80 |
| 3813566.94 | 97.52072   | (16012117) |            |           |
| 394691.34  | 3813561.71 | 110.12935  | (17122407) | 394714.87 |
| 3813556.47 | 124.56223  | (17122407) |            |           |
| 394738.40  | 3813551.24 | 124.87701  | (17122407) | 394761.93 |
| 3813546.00 | 115.96347  | (17122407) |            |           |
| 394785.47  | 3813540.77 | 112.43865  | (16122918) | 394809.00 |
| 3813535.54 | 131.86057  | (18061202) |            |           |
| 394832.53  | 3813530.30 | 142.92910  | (18061202) | 394856.07 |
| 3813525.07 | 137.08071  | (18061202) |            |           |
| 394879.60  | 3813519.83 | 138.79870  | (20113008) | 394903.13 |
| 3813514.60 | 138.16230  | (20113008) |            |           |
| 394926.67  | 3813509.36 | 126.10756  | (16010220) | 394950.20 |
| 3813504.13 | 143.66550  | (16010220) |            |           |
| 394973.73  | 3813498.89 | 152.97994  | (16010220) | 394997.27 |
| 3813493.66 | 152.37345  | (16010220) |            |           |
| 395020.80  | 3813488.43 | 142.06799  | (16010220) | 395044.33 |
| 3813483.19 | 136.90694  | (16120407) |            |           |
| 395067.86  | 3813477.96 | 149.37061  | (16120407) | 395091.40 |
| 3813472.72 | 152.75085  | (16120407) |            |           |
| 395114.93  | 3813467.49 | 146.52947  | (16120407) | 395138.46 |
| 3813462.25 | 131.96000  | (16120407) |            |           |
| 395162.00  | 3813457.02 | 111.64497  | (16120407) | 395185.53 |
| 3813451.79 | 110.97224  | (20031107) |            |           |
| 395209.06  | 3813446.55 | 109.93759  | (20031107) | 395232.60 |
| 3813441.32 | 113.56348  | (17031703) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 639

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 395256.13   | 3813436.08  | 114.49876      | (17031703) | 395279.66          |  |
| 3813430.85  | 122.95472   | (16022404)     |            |                    |  |
| 395303.20   | 3813425.61  | 126.28699      | (16022404) | 395326.73          |  |
| 3813420.38  | 138.21782   | (20021818)     |            |                    |  |
| 395350.26   | 3813415.15  | 144.75605      | (20021818) | 395373.79          |  |
| 3813409.91  | 143.14094   | (20021818)     |            |                    |  |
| 395397.33   | 3813404.68  | 144.34472      | (16010907) | 395420.86          |  |
| 3813399.44  | 145.82750   | (16010907)     |            |                    |  |
| 392004.48   | 3816052.42  | 45.15591       | (16012217) | 392003.47          |  |
| 3816076.63  | 60.35054    | (16012217)     |            |                    |  |
| 392002.46   | 3816100.83  | 72.61635       | (17122417) | 392001.44          |  |
| 3816125.04  | 84.79096    | (17122417)     |            |                    |  |
| 392000.43   | 3816149.25  | 97.46934       | (19020106) | 391999.42          |  |
| 3816173.45  | 105.53159   | (19020106)     |            |                    |  |
| 391998.40   | 3816197.66  | 103.83094      | (16060403) | 391516.07          |  |
| 3816010.01  | 11.56142    | (19112320)     |            |                    |  |
| 391527.23   | 3815988.51  | 11.34135       | (19112320) | 391538.38          |  |
| 3815967.01  | 10.98375    | (19112320)     |            |                    |  |
| 391549.53   | 3815945.51  | 9.82032        | (19112320) | 391560.69          |  |
| 3815924.01  | 8.82467     | (19112320)     |            |                    |  |
| 391571.84   | 3815902.51  | 9.01161        | (20040906) | 391582.99          |  |
| 3815881.01  | 9.04530     | (20040906)     |            |                    |  |
| 391594.15   | 3815859.51  | 9.03348        | (20040906) | 391605.30          |  |
| 3815838.01  | 8.85127     | (20040906)     |            |                    |  |
| 391616.45   | 3815816.51  | 8.54053        | (20040906) | 391627.60          |  |
| 3815795.01  | 8.93770     | (17021703)     |            |                    |  |
| 391638.76   | 3815773.51  | 9.80174        | (17021703) | 391649.91          |  |
| 3815752.01  | 11.33490    | (19111624)     |            |                    |  |
| 391661.06   | 3815730.51  | 16.30419       | (16122303) | 391672.22          |  |
| 3815709.01  | 19.22547    | (16122303)     |            |                    |  |
| 391683.37   | 3815687.51  | 20.06648       | (16122218) | 391694.52          |  |
| 3815666.01  | 17.52382    | (18111801)     |            |                    |  |
| 391705.67   | 3815644.51  | 16.18595       | (17012703) | 391716.83          |  |
| 3815623.01  | 14.27488    | (17012703)     |            |                    |  |
| 391727.98   | 3815601.51  | 11.94542       | (20111303) | 391739.13          |  |
| 3815580.01  | 11.67846    | (20111303)     |            |                    |  |
| 391750.29   | 3815558.52  | 11.95979       | (20111303) | 391761.44          |  |
| 3815537.02  | 14.06322    | (16012119)     |            |                    |  |
| 391772.59   | 3815515.52  | 15.48224       | (16012119) | 391783.75          |  |
| 3815494.02  | 13.00801    | (19091724)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391794.90  | 3815472.52 | 10.52995   | (19101107) | 391806.05 |
| 3815451.02 | 8.97967    | (19101107) |            |           |
| 391817.20  | 3815429.52 | 8.04133    | (20030202) | 391828.36 |
| 3815408.02 | 7.31575    | (20030202) |            |           |
| 391839.51  | 3815386.52 | 7.74689    | (16021908) | 391850.66 |
| 3815365.02 | 8.39445    | (16021908) |            |           |
| 391861.82  | 3815343.52 | 8.99718    | (16021908) | 391872.97 |
| 3815322.02 | 9.32894    | (16021908) |            |           |
| 391884.12  | 3815300.52 | 9.21719    | (16021908) | 391895.27 |
| 3815279.02 | 9.17238    | (16021908) |            |           |
| 391906.43  | 3815257.52 | 9.47615    | (16021908) | 391917.58 |
| 3815236.02 | 9.26528    | (18101221) |            |           |
| 391928.73  | 3815214.52 | 9.33176    | (20031606) | 391939.89 |
| 3815193.02 | 8.37548    | (20031606) |            |           |
| 391951.04  | 3815171.52 | 6.56237    | (20031606) | 391962.19 |
| 3815150.02 | 5.36374    | (19090807) |            |           |
| 391973.35  | 3815128.52 | 5.04589    | (19090807) | 391984.50 |
| 3815107.02 | 4.65443    | (19090807) |            |           |
| 391995.65  | 3815085.52 | 4.42318    | (18121116) | 392006.80 |
| 3815064.02 | 4.23336    | (18121116) |            |           |
| 392017.96  | 3815042.53 | 3.91685    | (18121116) | 392029.11 |
| 3815021.03 | 3.71445    | (17101517) |            |           |
| 392040.26  | 3814999.53 | 3.64217    | (17101517) | 392051.42 |
| 3814978.03 | 3.55237    | (17101517) |            |           |
| 392062.57  | 3814956.53 | 3.62486    | (19012619) | 392073.72 |
| 3814935.03 | 3.68330    | (19012619) |            |           |
| 392084.87  | 3814913.53 | 3.68365    | (19012619) | 392096.03 |
| 3814892.03 | 3.70634    | (18041718) |            |           |
| 392107.18  | 3814870.53 | 3.81695    | (20041007) | 392118.33 |
| 3814849.03 | 3.90212    | (20041007) |            |           |
| 392129.49  | 3814827.53 | 3.94233    | (20041007) | 392140.64 |
| 3814806.03 | 3.91233    | (20041007) |            |           |
| 392151.79  | 3814784.53 | 3.81226    | (20041007) | 392162.95 |
| 3814763.03 | 3.89509    | (16122516) |            |           |
| 392174.10  | 3814741.53 | 3.97333    | (16122516) | 392185.25 |
| 3814720.03 | 3.98920    | (16122516) |            |           |
| 392196.40  | 3814698.53 | 3.92765    | (16122516) | 392207.56 |
| 3814677.03 | 3.84139    | (19102117) |            |           |
| 392218.71  | 3814655.53 | 3.93575    | (19102117) | 392229.86 |
| 3814634.03 | 4.00953    | (19102117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 640

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392241.02   | 3814612.53          | 4.06717    | (19102117) | 392252.17   |
| 3814591.03  | 4.11445 (19102117)  |            |            |             |
| 392263.32   | 3814569.53          | 4.23041    | (19020717) | 392274.47   |
| 3814548.03  | 4.39839 (19020717)  |            |            |             |
| 392285.63   | 3814526.54          | 4.45976    | (19020717) | 392296.78   |
| 3814505.04  | 4.45192 (19020717)  |            |            |             |
| 392307.93   | 3814483.54          | 4.42268    | (19020717) | 392319.09   |
| 3814462.04  | 4.30141 (18120716)  |            |            |             |
| 392330.24   | 3814440.54          | 4.24897    | (18120716) | 392341.39   |
| 3814419.04  | 4.13848 (18120716)  |            |            |             |
| 392352.55   | 3814397.54          | 4.37594    | (16121716) | 392363.70   |
| 3814376.04  | 4.60486 (16121716)  |            |            |             |
| 392374.85   | 3814354.54          | 4.82568    | (16121716) | 392386.00   |
| 3814333.04  | 4.92362 (16121716)  |            |            |             |
| 392397.16   | 3814311.54          | 4.94699    | (16121716) | 392408.31   |
| 3814290.04  | 4.90820 (16121716)  |            |            |             |
| 392419.46   | 3814268.54          | 4.87181    | (18050318) | 392430.62   |
| 3814247.04  | 4.87554 (18050318)  |            |            |             |
| 392441.77   | 3814225.54          | 4.82388    | (19113008) | 392452.92   |
| 3814204.04  | 4.85255 (18030619)  |            |            |             |
| 392464.08   | 3814182.54          | 5.11157    | (17120408) | 392475.23   |
| 3814161.04  | 5.39085 (17120408)  |            |            |             |
| 392486.38   | 3814139.54          | 5.72993    | (19011017) | 392497.53   |
| 3814118.04  | 6.14243 (19011017)  |            |            |             |
| 392508.69   | 3814096.54          | 6.44490    | (19011017) | 392519.84   |
| 3814075.04  | 6.91416 (17012518)  |            |            |             |
| 392530.99   | 3814053.54          | 7.29109    | (17012518) | 392542.15   |
| 3814032.04  | 7.42546 (17012518)  |            |            |             |
| 392553.30   | 3814010.55          | 7.38887    | (17012518) | 392564.45   |
| 3813989.05  | 8.16619 (17011307)  |            |            |             |
| 392575.60   | 3813967.55          | 8.82028    | (17011307) | 392586.76   |
| 3813946.05  | 9.26904 (17011307)  |            |            |             |
| 392597.91   | 3813924.55          | 9.67485    | (20111518) | 392609.06   |
| 3813903.05  | 10.30547 (20111518) |            |            |             |
| 392620.22   | 3813881.55          | 10.72437   | (20111518) | 392631.37   |
| 3813860.05  | 11.02328 (17092519) |            |            |             |
| 392642.52   | 3813838.55          | 11.78418   | (19010521) | 392653.68   |
| 3813817.05  | 12.61511 (19010521) |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392664.83  | 3813795.55 | 14.46878   | (17122507) | 392675.98 |
| 3813774.05 | 16.74975   | (17122507) |            |           |
| 392687.13  | 3813752.55 | 20.04237   | (17122507) | 392698.29 |
| 3813731.05 | 23.19892   | (17122507) |            |           |
| 392709.44  | 3813709.55 | 31.31339   | (16110418) | 392720.59 |
| 3813688.05 | 45.25468   | (16110418) |            |           |
| 392731.75  | 3813666.55 | 54.49107   | (16110418) | 392742.90 |
| 3813645.05 | 53.49511   | (16110418) |            |           |
| 392754.05  | 3813623.55 | 47.90242   | (19021306) | 392765.20 |
| 3813602.05 | 47.61279   | (19021306) |            |           |
| 392776.36  | 3813580.55 | 50.07840   | (16122121) | 392787.51 |
| 3813559.05 | 58.56368   | (16122121) |            |           |
| 392798.66  | 3813537.55 | 65.82505   | (16122121) | 392833.46 |
| 3813510.80 | 74.43553   | (20040905) |            |           |
| 392857.10  | 3813505.54 | 76.34017   | (20040905) | 392880.74 |
| 3813500.28 | 73.20816   | (20040905) |            |           |
| 392904.39  | 3813495.02 | 80.27567   | (17021606) | 392928.03 |
| 3813489.76 | 92.04901   | (17021606) |            |           |
| 392951.67  | 3813484.50 | 90.29513   | (17021606) | 392975.31 |
| 3813479.24 | 81.90171   | (17021606) |            |           |
| 392998.96  | 3813473.99 | 80.51116   | (20121922) | 393022.60 |
| 3813468.73 | 96.32464   | (20121922) |            |           |
| 393046.24  | 3813463.47 | 110.08920  | (20121922) | 393069.88 |
| 3813458.21 | 120.12696  | (20121922) |            |           |
| 393093.53  | 3813452.95 | 125.07979  | (20121922) | 393117.17 |
| 3813447.69 | 124.20163  | (20121922) |            |           |
| 393140.81  | 3813442.43 | 117.55066  | (20121922) | 393164.45 |
| 3813437.17 | 105.98167  | (20121922) |            |           |
| 393188.10  | 3813431.92 | 95.80974   | (16011701) | 393211.74 |
| 3813426.66 | 97.70305   | (18092722) |            |           |
| 393235.38  | 3813421.40 | 97.92321   | (18092722) | 393259.02 |
| 3813416.14 | 93.36813   | (18092722) |            |           |
| 393282.67  | 3813410.88 | 84.64332   | (18092722) | 393306.31 |
| 3813405.62 | 91.29015   | (20021206) |            |           |
| 393329.95  | 3813400.36 | 96.73896   | (20021206) | 393353.59 |
| 3813395.11 | 97.39962   | (20021206) |            |           |
| 393377.24  | 3813389.85 | 102.96792  | (20013022) | 393400.88 |
| 3813384.59 | 102.57148  | (20013022) |            |           |
| 393424.52  | 3813379.33 | 90.28993   | (20013022) | 393448.16 |
| 3813374.07 | 80.52555   | (18120918) |            |           |
| 393471.81  | 3813368.81 | 69.02481   | (18120918) | 393495.45 |
| 3813363.55 | 60.61798   | (18120308) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393519.09   | 3813358.29  | 50.46759   | (18120308) | 393542.73   |
| 3813353.04  | 36.72165    | (18120308) |            |             |
| 393566.38   | 3813347.78  | 25.93838   | (19010508) | 393590.02   |
| 3813342.52  | 16.86327    | (19010508) |            |             |
| 393613.66   | 3813337.26  | 12.58681   | (19112306) | 393637.30   |
| 3813332.00  | 11.07764    | (19120517) |            |             |
| 393660.95   | 3813326.74  | 10.32625   | (19120517) | 393684.59   |
| 3813321.48  | 10.98438    | (19011918) |            |             |
| 393708.23   | 3813316.23  | 10.31481   | (19011918) | 393731.87   |
| 3813310.97  | 9.14609     | (19011617) |            |             |
| 393755.52   | 3813305.71  | 8.61818    | (19011617) | 393779.16   |
| 3813300.45  | 8.59487     | (16122308) |            |             |
| 393802.80   | 3813295.19  | 8.31755    | (16122308) | 393826.44   |
| 3813289.93  | 7.91650     | (16122308) |            |             |
| 393850.09   | 3813284.67  | 7.44545    | (16122308) | 393873.73   |
| 3813279.41  | 7.13058     | (17012208) |            |             |
| 393897.37   | 3813274.16  | 7.44080    | (17012208) | 393921.01   |
| 3813268.90  | 7.72788     | (17012208) |            |             |
| 393944.66   | 3813263.64  | 7.77041    | (17012208) | 393968.30   |
| 3813258.38  | 7.78203     | (17012208) |            |             |
| 393991.94   | 3813253.12  | 9.35961    | (17120920) | 394015.58   |
| 3813247.86  | 11.13029    | (19011519) |            |             |
| 394039.23   | 3813242.60  | 12.16492   | (19013023) | 394062.87   |
| 3813237.34  | 13.15426    | (19011618) |            |             |
| 394086.51   | 3813232.09  | 15.01795   | (19011618) | 394110.15   |
| 3813226.83  | 15.92765    | (19011618) |            |             |
| 394133.80   | 3813221.57  | 18.35591   | (20112802) | 394157.44   |
| 3813216.31  | 20.46699    | (20112802) |            |             |
| 394181.08   | 3813211.05  | 23.38887   | (18022507) | 394204.72   |
| 3813205.79  | 25.72989    | (18022507) |            |             |
| 394228.36   | 3813200.53  | 24.79629   | (18022507) | 394252.01   |
| 3813195.28  | 24.87085    | (19122319) |            |             |
| 394275.65   | 3813190.02  | 23.56511   | (19122319) | 394299.29   |
| 3813184.76  | 24.34084    | (16010219) |            |             |
| 394322.93   | 3813179.50  | 27.74304   | (16010219) | 394346.58   |
| 3813174.24  | 29.91682    | (16010219) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395410.49   | 3812937.60  | 119.28779  | (20021818) | 395434.13   |
| 3812932.34  | 121.79410   | (20021818) |            |             |
| 395457.77   | 3812927.08  | 118.97615  | (20021818) | 395481.42   |
| 3812921.82  | 121.25728   | (16010907) |            |             |
| 395505.06   | 3812916.57  | 122.39819  | (16010907) | 391504.92   |
| 3816031.51  | 11.42869    | (19112320) |            |             |
| 391503.91   | 3816055.71  | 12.65411   | (17122504) | 391502.89   |
| 3816079.92  | 14.11559    | (17122504) |            |             |
| 391501.88   | 3816104.13  | 15.74417   | (16012021) | 391500.87   |
| 3816128.33  | 18.14440    | (19020106) |            |             |
| 391499.85   | 3816152.54  | 19.62188   | (16111721) | 391498.84   |
| 3816176.75  | 21.28745    | (16111721) |            |             |
| 391016.47   | 3815989.18  | 4.15178    | (19120409) | 391027.58   |
| 3815967.77  | 4.34358     | (19120409) |            |             |
| 391038.68   | 3815946.35  | 4.52612    | (19120409) | 391049.79   |
| 3815924.94  | 4.69722     | (19120409) |            |             |
| 391060.90   | 3815903.52  | 4.85495    | (19120409) | 391072.01   |
| 3815882.11  | 4.99721     | (19120409) |            |             |
| 391083.12   | 3815860.70  | 5.12221    | (19120409) | 391094.23   |
| 3815839.28  | 5.22829     | (19120409) |            |             |
| 391105.34   | 3815817.87  | 5.31382    | (19120409) | 391116.44   |
| 3815796.45  | 5.37756     | (19120409) |            |             |
| 391127.55   | 3815775.04  | 5.41844    | (19120409) | 391138.66   |
| 3815753.63  | 5.43531     | (19120409) |            |             |
| 391149.77   | 3815732.21  | 5.42780    | (19120409) | 391160.88   |
| 3815710.80  | 5.39667     | (19120409) |            |             |
| 391171.99   | 3815689.38  | 5.34143    | (19120409) | 391183.10   |
| 3815667.97  | 5.26263     | (19120409) |            |             |
| 391194.20   | 3815646.56  | 5.16108    | (19120409) | 391205.31   |
| 3815625.14  | 5.03782     | (19120409) |            |             |
| 391216.42   | 3815603.73  | 4.89440    | (19120409) | 391227.53   |
| 3815582.31  | 4.73235     | (19120409) |            |             |
| 391238.64   | 3815560.90  | 4.55375    | (19120409) | 391249.75   |
| 3815539.49  | 4.36060     | (19120409) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391260.86  | 3815518.07         | 4.15505 | (19120409) | 391271.96 |
| 3815496.66 | 3.93967 (19120409) |         |            |           |
| 391283.07  | 3815475.24         | 3.71662 | (19120409) | 391294.18 |
| 3815453.83 | 3.64005 (18021108) |         |            |           |
| 391305.29  | 3815432.41         | 3.70597 | (18021108) | 391316.40 |
| 3815411.00 | 3.72699 (18021108) |         |            |           |
| 391327.51  | 3815389.59         | 3.70370 | (18021108) | 391338.62 |
| 3815368.17 | 3.64088 (18021108) |         |            |           |
| 391349.72  | 3815346.76         | 3.54162 | (18021108) | 391360.83 |
| 3815325.34 | 3.51210 (20090918) |         |            |           |
| 391371.94  | 3815303.93         | 3.55743 | (20090918) | 391383.05 |
| 3815282.52 | 3.56367 (20090918) |         |            |           |
| 391394.16  | 3815261.10         | 3.52976 | (20090918) | 391405.27 |
| 3815239.69 | 3.45476 (20090918) |         |            |           |
| 391416.38  | 3815218.27         | 3.34374 | (20090918) | 391427.48 |
| 3815196.86 | 3.34716 (19123116) |         |            |           |
| 391438.59  | 3815175.45         | 3.38558 | (19123116) | 391449.70 |
| 3815154.03 | 3.38617 (19123116) |         |            |           |
| 391460.81  | 3815132.62         | 3.34189 | (19123116) | 391471.92 |
| 3815111.20 | 3.27195 (19112219) |         |            |           |
| 391483.03  | 3815089.79         | 3.20840 | (19112219) | 391494.14 |
| 3815068.38 | 3.15742 (18012718) |         |            |           |
| 391505.24  | 3815046.96         | 3.15893 | (18012718) | 391516.35 |
| 3815025.55 | 3.13825 (19090807) |         |            |           |
| 391527.46  | 3815004.13         | 3.27493 | (19090807) | 391538.57 |
| 3814982.72 | 3.37975 (19090807) |         |            |           |
| 391549.68  | 3814961.31         | 3.44455 | (19090807) | 391560.79 |
| 3814939.89 | 3.47096 (19090807) |         |            |           |
| 391571.90  | 3814918.48         | 3.45798 | (19090807) | 391583.00 |
| 3814897.06 | 3.46015 (18121116) |         |            |           |
| 391594.11  | 3814875.65         | 3.46765 | (18121116) | 391605.22 |
| 3814854.24 | 3.43397 (18121116) |         |            |           |
| 391616.33  | 3814832.82         | 3.35958 | (18121116) | 391627.44 |
| 3814811.41 | 3.25023 (18121116) |         |            |           |
| 391638.55  | 3814789.99         | 3.20437 | (17101517) | 391649.66 |
| 3814768.58 | 3.15706 (19031108) |         |            |           |
| 391660.76  | 3814747.17         | 3.19496 | (19012619) | 391671.87 |
| 3814725.75 | 3.23464 (19012619) |         |            |           |
| 391682.98  | 3814704.34         | 3.23213 | (19012619) | 391694.09 |
| 3814682.92 | 3.23753 (20041007) |         |            |           |
| 391705.20  | 3814661.51         | 3.37331 | (20041007) | 391716.31 |
| 3814640.10 | 3.47526 (20041007) |         |            |           |
| 391727.42  | 3814618.68         | 3.53521 | (20041007) | 391738.52 |
| 3814597.27 | 3.54733 (20041007) |         |            |           |
| 391749.63  | 3814575.85         | 3.51188 | (20041007) | 391760.74 |
| 3814554.44 | 3.43479 (20041007) |         |            |           |

```

*** AERMOD - VERSION 24142 ***
Study ***
*** C:\Lakes\AERMOD View\Prairie Song Plume
02/10/26

```

```
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
```

\*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 391771.85   | 3814533.03         | 3.48648    | (16122516) | 391782.96   |
| 3814511.61  | 3.55090 (16122516) |            |            |             |
| 391794.07   | 3814490.20         | 3.58295    | (16122516) | 391805.18   |
| 3814468.78  | 3.61215 (16122516) |            |            |             |
| 391816.28   | 3814447.37         | 3.63235    | (16122516) | 391827.39   |
| 3814425.96  | 3.75072 (19102117) |            |            |             |
| 391838.50   | 3814404.54         | 3.88254    | (19102117) | 391849.61   |
| 3814383.13  | 3.92913 (19102117) |            |            |             |
| 391860.72   | 3814361.71         | 3.91276    | (19102117) | 391871.83   |
| 3814340.30  | 3.83474 (19102117) |            |            |             |
| 391882.94   | 3814318.89         | 3.74530    | (19020717) | 391894.04   |
| 3814297.47  | 3.87899 (19020717) |            |            |             |
| 391905.15   | 3814276.06         | 3.98789    | (19020717) | 391916.26   |
| 3814254.64  | 4.05458 (19020717) |            |            |             |
| 391927.37   | 3814233.23         | 4.07844    | (19020717) | 391938.48   |
| 3814211.82  | 4.06719 (19020717) |            |            |             |
| 391949.59   | 3814190.40         | 4.01172    | (19020717) | 391960.70   |
| 3814168.99  | 3.90626 (19020717) |            |            |             |
| 391971.80   | 3814147.57         | 3.83470    | (18120716) | 391982.91   |
| 3814126.16  | 4.04094 (17041018) |            |            |             |
| 391994.02   | 3814104.75         | 4.48312    | (17041018) | 392005.13   |
| 3814083.33  | 4.90090 (17041018) |            |            |             |
| 392016.24   | 3814061.92         | 5.22019    | (17041018) | 392027.35   |
| 3814040.50  | 5.44835 (17041018) |            |            |             |
| 392038.45   | 3814019.09         | 5.81647    | (19113008) | 392049.56   |
| 3813997.68  | 6.46025 (19113008) |            |            |             |
| 392060.67   | 3813976.26         | 7.01481    | (19113008) | 392071.78   |
| 3813954.85  | 7.49363 (19113008) |            |            |             |
| 392082.89   | 3813933.43         | 7.88000    | (19113008) | 392094.00   |
| 3813912.02  | 8.14911 (19113008) |            |            |             |
| 392105.11   | 3813890.61         | 8.27087    | (19113008) | 392116.21   |
| 3813869.19  | 8.46218 (18030619) |            |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 392127.32  | 3813847.78           | 9.12161   | (17120408) | 392138.43 |
| 3813826.36 | 10.09101 (19011017)  |           |            |           |
| 392149.54  | 3813804.95           | 12.38634  | (18111301) | 392160.65 |
| 3813783.54 | 14.71520 (18111301)  |           |            |           |
| 392171.76  | 3813762.12           | 17.05367  | (18111301) | 392182.87 |
| 3813740.71 | 21.20582 (17010807)  |           |            |           |
| 392193.97  | 3813719.29           | 26.61226  | (17010807) | 392205.08 |
| 3813697.88 | 33.83490 (17010807)  |           |            |           |
| 392216.19  | 3813676.47           | 45.22638  | (18030506) | 392227.30 |
| 3813655.05 | 58.37014 (18030506)  |           |            |           |
| 392238.41  | 3813633.64           | 70.72024  | (18030506) | 392249.52 |
| 3813612.22 | 79.52381 (18030506)  |           |            |           |
| 392260.63  | 3813590.81           | 82.54704  | (18010221) | 392271.73 |
| 3813569.40 | 88.92738 (18010221)  |           |            |           |
| 392282.84  | 3813547.98           | 92.21311  | (18010221) | 392293.95 |
| 3813526.57 | 97.62040 (18032807)  |           |            |           |
| 392305.06  | 3813505.15           | 105.02627 | (18032807) | 392316.17 |
| 3813483.74 | 108.85657 (18032807) |           |            |           |
| 392327.28  | 3813462.33           | 108.74728 | (18032807) | 392338.39 |
| 3813440.91 | 104.75520 (18032807) |           |            |           |
| 392349.49  | 3813419.50           | 97.35111  | (18032807) | 392360.60 |
| 3813398.08 | 87.31016 (18032807)  |           |            |           |
| 392371.71  | 3813376.67           | 75.60834  | (18032807) | 392382.82 |
| 3813355.26 | 82.37421 (16110418)  |           |            |           |
| 392393.93  | 3813333.84           | 92.18365  | (16110418) | 392405.04 |
| 3813312.43 | 99.61595 (16110418)  |           |            |           |
| 392416.15  | 3813291.01           | 104.00110 | (16110418) | 392427.25 |
| 3813269.60 | 104.94762 (16110418) |           |            |           |
| 392438.36  | 3813248.19           | 102.41019 | (16110418) | 392449.47 |
| 3813226.77 | 96.67852 (16110418)  |           |            |           |
| 392460.58  | 3813205.36           | 88.33666  | (16110418) | 392471.69 |
| 3813183.94 | 86.28862 (16122121)  |           |            |           |
| 392482.80  | 3813162.53           | 91.14725  | (16122121) | 392493.91 |
| 3813141.12 | 93.23369 (16122121)  |           |            |           |
| 392528.56  | 3813114.46           | 89.13044  | (16122121) | 392552.11 |
| 3813109.23 | 84.98248 (20040905)  |           |            |           |
| 392575.66  | 3813103.99           | 85.27882  | (20040905) | 392599.21 |
| 3813098.75 | 82.70356 (20040905)  |           |            |           |
| 392622.76  | 3813093.51           | 81.22021  | (17021606) | 392646.30 |
| 3813088.28 | 81.90162 (17021606)  |           |            |           |
| 392669.85  | 3813083.04           | 79.74909  | (17021606) | 392693.40 |
| 3813077.80 | 74.95099 (17021606)  |           |            |           |
| 392716.95  | 3813072.56           | 67.96177  | (17021606) | 392740.50 |
| 3813067.32 | 68.91293 (20121922)  |           |            |           |
| 392764.05  | 3813062.09           | 80.98216  | (20121922) | 392787.59 |
| 3813056.85 | 91.79993 (20121922)  |           |            |           |
| 392811.14  | 3813051.61           | 100.35072 | (20121922) | 392834.69 |
| 3813046.37 | 105.73896 (20121922) |           |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 644

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392858.24   | 3813041.14  | 107.35462  | (20121922) | 392881.79   |
| 3813035.90  | 104.98058   | (20121922) |            |             |
| 392905.34   | 3813030.66  | 98.83871   | (20121922) | 392928.89   |
| 3813025.42  | 89.55762    | (20121922) |            |             |
| 392952.43   | 3813020.18  | 81.98846   | (16011701) | 392975.98   |
| 3813014.95  | 82.93178    | (18092722) |            |             |
| 392999.53   | 3813009.71  | 84.03513   | (18092722) | 393023.08   |
| 3813004.47  | 81.88450    | (18092722) |            |             |
| 393046.63   | 3812999.23  | 76.69775   | (18092722) | 393070.18   |
| 3812994.00  | 72.40770    | (20021206) |            |             |
| 393093.72   | 3812988.76  | 78.93867   | (20021206) | 393117.27   |
| 3812983.52  | 82.68956    | (20021206) |            |             |
| 393140.82   | 3812978.28  | 83.19619   | (20021206) | 393164.37   |
| 3812973.04  | 86.81565    | (20013022) |            |             |
| 393187.92   | 3812967.81  | 90.51289   | (20013022) | 393211.47   |
| 3812962.57  | 90.57410    | (20013022) |            |             |
| 393235.01   | 3812957.33  | 91.27228   | (18120918) | 393258.56   |
| 3812952.09  | 94.59994    | (18120918) |            |             |
| 393282.11   | 3812946.86  | 101.95903  | (18120308) | 393305.66   |
| 3812941.62  | 109.44094   | (18120308) |            |             |
| 393329.21   | 3812936.38  | 112.63046  | (18120308) | 393352.76   |
| 3812931.14  | 108.12038   | (18120308) |            |             |
| 393376.30   | 3812925.91  | 105.02617  | (18120308) | 393399.85   |
| 3812920.67  | 98.76188    | (20010220) |            |             |
| 393423.40   | 3812915.43  | 103.20733  | (17123103) | 393446.95   |
| 3812910.19  | 109.00751   | (17123103) |            |             |
| 393470.50   | 3812904.95  | 110.25665  | (17123103) | 393494.05   |
| 3812899.72  | 106.77134   | (17123103) |            |             |
| 393517.59   | 3812894.48  | 98.97118   | (17123103) | 393541.14   |
| 3812889.24  | 94.20365    | (17102717) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393564.69  | 3812884.00 | 101.91285  | (17102717) | 393588.24 |
| 3812878.77 | 105.49898  | (17102717) |            |           |
| 393611.79  | 3812873.53 | 104.48204  | (17102717) | 393635.34 |
| 3812868.29 | 98.97395   | (17102717) |            |           |
| 393658.88  | 3812863.05 | 94.53026   | (19020706) | 393682.43 |
| 3812857.81 | 104.56613  | (19020706) |            |           |
| 393705.98  | 3812852.58 | 110.60653  | (19020706) | 393729.53 |
| 3812847.34 | 111.86126  | (19020706) |            |           |
| 393753.08  | 3812842.10 | 108.14856  | (19020706) | 393776.63 |
| 3812836.86 | 99.94003   | (19020706) |            |           |
| 393800.18  | 3812831.63 | 103.07866  | (17021124) | 393823.72 |
| 3812826.39 | 92.42959   | (17021124) |            |           |
| 393847.27  | 3812821.15 | 73.17080   | (17021124) | 393870.82 |
| 3812815.91 | 54.79449   | (17021124) |            |           |
| 393894.37  | 3812810.67 | 39.78431   | (20031204) | 393917.92 |
| 3812805.44 | 29.58721   | (20031204) |            |           |
| 393941.47  | 3812800.20 | 22.48854   | (20031204) | 393965.01 |
| 3812794.96 | 18.70928   | (19011618) |            |           |
| 393988.56  | 3812789.72 | 17.23182   | (19011618) | 394012.11 |
| 3812784.49 | 14.73957   | (20112802) |            |           |
| 394035.66  | 3812779.25 | 12.14138   | (20112802) | 394059.21 |
| 3812774.01 | 9.03985    | (20112802) |            |           |
| 394082.76  | 3812768.77 | 8.34163    | (16032319) | 394106.30 |
| 3812763.54 | 8.64189    | (16032319) |            |           |
| 394129.85  | 3812758.30 | 9.77041    | (18022507) | 394153.40 |
| 3812753.06 | 11.43747   | (19122319) |            |           |
| 394176.95  | 3812747.82 | 13.74467   | (19122319) | 394200.50 |
| 3812742.58 | 15.33803   | (19122319) |            |           |
| 394224.05  | 3812737.35 | 18.23021   | (16010219) | 394247.59 |
| 3812732.11 | 22.85348   | (16010219) |            |           |
| 394271.14  | 3812726.87 | 23.54582   | (16010219) | 394294.69 |
| 3812721.63 | 20.82429   | (18091502) |            |           |
| 394318.24  | 3812716.40 | 17.33733   | (18091502) | 394341.79 |
| 3812711.16 | 16.45869   | (19112107) |            |           |
| 394365.34  | 3812705.92 | 15.85651   | (19112107) | 394388.88 |
| 3812700.68 | 15.40912   | (19112107) |            |           |
| 394412.43  | 3812695.44 | 20.70711   | (16122601) | 394435.98 |
| 3812690.21 | 29.73146   | (16122601) |            |           |
| 394459.53  | 3812684.97 | 36.40268   | (17121817) | 394483.08 |
| 3812679.73 | 43.83702   | (17121817) |            |           |
| 394506.63  | 3812674.49 | 51.45289   | (17121817) | 394530.17 |
| 3812669.26 | 58.90780   | (17121817) |            |           |
| 394553.72  | 3812664.02 | 63.38494   | (17121817) | 394577.27 |
| 3812658.78 | 70.47277   | (16012117) |            |           |
| 394600.82  | 3812653.54 | 82.65734   | (16012117) | 394624.37 |
| 3812648.30 | 92.25372   | (17122407) |            |           |
| 394647.92  | 3812643.07 | 107.78246  | (17122407) | 394671.47 |
| 3812637.83 | 112.73468  | (17122407) |            |           |
| 394695.01  | 3812632.59 | 112.88940  | (17122407) | 394718.56 |
| 3812627.35 | 108.25379  | (17122407) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 645

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

**\*\***

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 394742.11   | 3812622.12           | 99.43318   | (17122407) | 394765.66   |
| 3812616.88  | 101.58775 (18061202) |            |            |             |
| 394789.21   | 3812611.64           | 97.67783   | (18061202) | 394812.76   |
| 3812606.40  | 86.51376 (18061202)  |            |            |             |
| 394836.30   | 3812601.17           | 74.76475   | (18061202) | 394859.85   |
| 3812595.93  | 70.40077 (20113008)  |            |            |             |
| 394883.40   | 3812590.69           | 71.95371   | (20113008) | 394906.95   |
| 3812585.45  | 74.46067 (20113008)  |            |            |             |
| 394930.50   | 3812580.21           | 73.16951   | (20113008) | 394954.05   |
| 3812574.98  | 75.51040 (16010220)  |            |            |             |
| 394977.59   | 3812569.74           | 85.90729   | (16010220) | 395001.14   |
| 3812564.50  | 93.20059 (16010220)  |            |            |             |
| 395024.69   | 3812559.26           | 95.94322   | (16010220) | 395048.24   |
| 3812554.03  | 94.35833 (16010220)  |            |            |             |
| 395071.79   | 3812548.79           | 90.08899   | (16010220) | 395095.34   |
| 3812543.55  | 90.85558 (16120407)  |            |            |             |
| 395118.88   | 3812538.31           | 95.95630   | (16120407) | 395142.43   |
| 3812533.07  | 97.32964 (16120407)  |            |            |             |
| 395165.98   | 3812527.84           | 101.95037  | (16120407) | 395189.53   |
| 3812522.60  | 99.94001 (16120407)  |            |            |             |
| 395213.08   | 3812517.36           | 93.72641   | (16120407) | 395236.63   |
| 3812512.12  | 85.49865 (16120407)  |            |            |             |
| 395260.17   | 3812506.89           | 76.49923   | (20031107) | 395283.72   |
| 3812501.65  | 79.14905 (20031107)  |            |            |             |
| 395307.27   | 3812496.41           | 78.87015   | (20031107) | 395330.82   |
| 3812491.17  | 79.00578 (17031703)  |            |            |             |
| 395354.37   | 3812485.93           | 81.74139   | (17031703) | 395377.92   |
| 3812480.70  | 81.52020 (17031703)  |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395401.46  | 3812475.46 | 86.75871   | (16022404) | 395425.01 |
| 3812470.22 | 89.87975   | (16022404) |            |           |
| 395448.56  | 3812464.98 | 92.74012   | (20021818) | 395472.11 |
| 3812459.75 | 99.80617   | (20021818) |            |           |
| 395495.66  | 3812454.51 | 103.66604  | (20021818) | 395519.21 |
| 3812449.27 | 103.96579  | (20021818) |            |           |
| 395542.75  | 3812444.03 | 100.71813  | (20021818) | 395566.30 |
| 3812438.80 | 103.97659  | (16010907) |            |           |
| 395589.85  | 3812433.56 | 104.76866  | (16010907) | 395613.40 |
| 3812428.32 | 102.05987  | (16010907) |            |           |
| 391005.36  | 3816010.59 | 3.96706    | (17040118) | 391004.35 |
| 3816034.80 | 4.18721    | (16061901) |            |           |
| 391003.33  | 3816059.01 | 4.65910    | (16061901) | 391002.32 |
| 3816083.21 | 4.77332    | (18102019) |            |           |
| 391001.31  | 3816107.42 | 4.77602    | (17012820) | 391000.29 |
| 3816131.63 | 4.72004    | (18091707) |            |           |
| 390999.28  | 3816155.83 | 5.12901    | (19120108) | 389684.35 |
| 3815933.32 | 3.37087    | (18091707) |            |           |
| 389695.50  | 3815911.82 | 3.12141    | (18091707) | 389706.66 |
| 3815890.32 | 2.91214    | (19120409) |            |           |
| 389717.81  | 3815868.81 | 3.03484    | (19120409) | 389728.97 |
| 3815847.31 | 3.15517    | (19120409) |            |           |
| 389740.12  | 3815825.81 | 3.27243    | (19120409) | 389751.28 |
| 3815804.30 | 3.38595    | (19120409) |            |           |
| 389762.43  | 3815782.80 | 3.49487    | (19120409) | 389773.59 |
| 3815761.30 | 3.59849    | (19120409) |            |           |
| 389784.74  | 3815739.80 | 3.69606    | (19120409) | 389795.90 |
| 3815718.29 | 3.78692    | (19120409) |            |           |
| 389807.05  | 3815696.79 | 3.87027    | (19120409) | 389818.20 |
| 3815675.29 | 3.94549    | (19120409) |            |           |
| 389829.36  | 3815653.78 | 4.01202    | (19120409) | 389840.51 |
| 3815632.28 | 4.06920    | (19120409) |            |           |
| 389851.67  | 3815610.78 | 4.11657    | (19120409) | 389862.82 |
| 3815589.27 | 4.15370    | (19120409) |            |           |
| 389873.98  | 3815567.77 | 4.18019    | (19120409) | 389885.13 |
| 3815546.27 | 4.19575    | (19120409) |            |           |
| 389896.29  | 3815524.76 | 4.20019    | (19120409) | 389907.44 |
| 3815503.26 | 4.19338    | (19120409) |            |           |
| 389918.60  | 3815481.76 | 4.17530    | (19120409) | 389929.75 |
| 3815460.25 | 4.14597    | (19120409) |            |           |
| 389940.91  | 3815438.75 | 4.10559    | (19120409) | 389952.06 |
| 3815417.25 | 4.05438    | (19120409) |            |           |
| 389963.22  | 3815395.75 | 3.99268    | (19120409) | 389974.37 |
| 3815374.24 | 3.92086    | (19120409) |            |           |
| 389985.53  | 3815352.74 | 3.83948    | (19120409) | 389996.68 |
| 3815331.24 | 3.74910    | (19120409) |            |           |
| 390007.84  | 3815309.73 | 3.65030    | (19120409) | 390018.99 |
| 3815288.23 | 3.54387    | (19120409) |            |           |
| 390030.15  | 3815266.73 | 3.43052    | (19120409) | 390041.30 |
| 3815245.22 | 3.31100    | (19120409) |            |           |

390052.46 3815223.72 3.18623 (19120409) 390063.61  
 3815202.22 3.05704 (19120409)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 646

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390074.76   | 3815180.71  | 2.92421    | (19120409) | 390085.92   |
| 3815159.21  | 2.78873     | (19120409) |            |             |
| 390097.07   | 3815137.71  | 2.65142    | (19120409) | 390108.23   |
| 3815116.20  | 2.52702     | (19083007) |            |             |
| 390119.38   | 3815094.70  | 2.54978    | (19083007) | 390130.54   |
| 3815073.20  | 2.56919     | (19083007) |            |             |
| 390141.69   | 3815051.70  | 2.58514    | (19083007) | 390152.85   |
| 3815030.19  | 2.59758     | (19083007) |            |             |
| 390164.00   | 3815008.69  | 2.60641    | (19083007) | 390175.16   |
| 3814987.19  | 2.61159     | (19083007) |            |             |
| 390186.31   | 3814965.68  | 2.61307    | (19083007) | 390197.47   |
| 3814944.18  | 2.61085     | (19083007) |            |             |
| 390208.62   | 3814922.68  | 2.60490    | (19083007) | 390219.78   |
| 3814901.17  | 2.59523     | (19083007) |            |             |
| 390230.93   | 3814879.67  | 2.58187    | (19083007) | 390242.09   |
| 3814858.17  | 2.56487     | (19083007) |            |             |
| 390253.24   | 3814836.66  | 2.54426    | (19083007) | 390264.40   |
| 3814815.16  | 2.52013     | (19083007) |            |             |
| 390275.55   | 3814793.66  | 2.49257    | (19083007) | 390286.71   |
| 3814772.15  | 2.46166     | (19083007) |            |             |
| 390297.86   | 3814750.65  | 2.42754    | (19083007) | 390309.02   |
| 3814729.15  | 2.40951     | (17043007) |            |             |
| 390320.17   | 3814707.65  | 2.39352    | (17043007) | 390331.32   |
| 3814686.14  | 2.37412     | (17043007) |            |             |
| 390342.48   | 3814664.64  | 2.35138    | (17043007) | 390353.63   |
| 3814643.14  | 2.32539     | (17043007) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390364.79  | 3814621.63         | 2.29624 | (17043007) | 390375.94 |
| 3814600.13 | 2.30159 (18012718) |         |            |           |
| 390387.10  | 3814578.63         | 2.36022 | (19090807) | 390398.25 |
| 3814557.12 | 2.45918 (19090807) |         |            |           |
| 390409.41  | 3814535.62         | 2.54556 | (19090807) | 390420.56 |
| 3814514.12 | 2.61615 (19090807) |         |            |           |
| 390431.72  | 3814492.61         | 2.66791 | (19090807) | 390442.87 |
| 3814471.11 | 2.70058 (19090807) |         |            |           |
| 390454.03  | 3814449.61         | 2.73666 | (19090807) | 390465.18 |
| 3814428.10 | 2.76558 (19090807) |         |            |           |
| 390476.34  | 3814406.60         | 2.80702 | (19090807) | 390487.49 |
| 3814385.10 | 2.81878 (18121116) |         |            |           |
| 390498.65  | 3814363.59         | 2.83243 | (18121116) | 390509.80 |
| 3814342.09 | 2.79678 (18121116) |         |            |           |
| 390520.96  | 3814320.59         | 2.75418 | (18121116) | 390532.11 |
| 3814299.09 | 2.71247 (18121116) |         |            |           |
| 390543.27  | 3814277.58         | 2.64102 | (18121116) | 390554.42 |
| 3814256.08 | 2.55018 (18121116) |         |            |           |
| 390565.58  | 3814234.58         | 2.45665 | (18121116) | 390576.73 |
| 3814213.07 | 2.45509 (19031108) |         |            |           |
| 390587.88  | 3814191.57         | 2.46462 | (19031108) | 390599.04 |
| 3814170.07 | 2.47046 (19031108) |         |            |           |
| 390610.19  | 3814148.56         | 2.47257 | (19031108) | 390621.35 |
| 3814127.06 | 2.47096 (19031108) |         |            |           |
| 390632.50  | 3814105.56         | 2.46563 | (19031108) | 390643.66 |
| 3814084.05 | 2.48759 (20041007) |         |            |           |
| 390654.81  | 3814062.55         | 2.58094 | (20041007) | 390665.97 |
| 3814041.05 | 2.68354 (20041007) |         |            |           |
| 390677.12  | 3814019.54         | 2.74644 | (20041007) | 390688.28 |
| 3813998.04 | 2.77136 (20041007) |         |            |           |
| 390699.43  | 3813976.54         | 2.77671 | (20041007) | 390710.59 |
| 3813955.04 | 2.75688 (20041007) |         |            |           |
| 390721.74  | 3813933.53         | 2.72106 | (20041007) | 390732.90 |
| 3813912.03 | 2.77739 (16122516) |         |            |           |
| 390744.05  | 3813890.53         | 2.85634 | (16122516) | 390755.21 |
| 3813869.02 | 2.89699 (16122516) |         |            |           |
| 390766.36  | 3813847.52         | 2.89522 | (16122516) | 390777.52 |
| 3813826.02 | 2.80998 (16122516) |         |            |           |
| 390788.67  | 3813804.51         | 2.72282 | (16122516) | 390799.83 |
| 3813783.01 | 2.64722 (16122516) |         |            |           |
| 390810.98  | 3813761.51         | 2.62490 | (19102117) | 390822.14 |
| 3813740.00 | 2.65124 (19102117) |         |            |           |
| 390833.29  | 3813718.50         | 2.68417 | (19102117) | 390844.45 |
| 3813697.00 | 2.73822 (19102117) |         |            |           |
| 390855.60  | 3813675.49         | 2.78537 | (19102117) | 390866.75 |
| 3813653.99 | 2.82912 (19102117) |         |            |           |
| 390877.91  | 3813632.49         | 2.86902 | (19102117) | 390889.06 |
| 3813610.99 | 2.91150 (19020717) |         |            |           |
| 390900.22  | 3813589.48         | 3.00244 | (19020717) | 390911.37 |
| 3813567.98 | 3.08475 (19020717) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |           |
|-------------|-------------|------------|------------|-------------|-----------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |           |
| 3813438.96  | 390967.15   | 3813460.46 | 2.87124    | (19020717)  | 390978.30 |
| 3813395.95  | 390989.46   | 3813417.46 | 2.66234    | (19020717)  | 391000.61 |
| 3813352.95  | 391011.77   | 3813374.45 | 2.66893    | (16121716)  | 391022.92 |
| 3813309.94  | 391034.08   | 3813331.44 | 3.68529    | (17041018)  | 391045.23 |
| 3813266.94  | 391056.39   | 3813288.44 | 4.67886    | (17041018)  | 391067.54 |
| 3813223.93  | 391078.70   | 3813245.43 | 5.68026    | (17041018)  | 391089.85 |
| 3813180.92  | 391101.01   | 3813202.43 | 7.62985    | (19113008)  | 391112.16 |
| 3813137.92  | 391123.31   | 3813159.42 | 11.02989   | (20031005)  | 391134.47 |
| 3813094.91  | 391145.62   | 3813116.41 | 15.79294   | (16091003)  | 391156.78 |
| 3813051.90  | 391167.93   | 3813073.41 | 25.73274   | (19013104)  | 391179.09 |
| 3813008.90  | 391190.24   | 3813030.40 | 38.77843   | (19013104)  | 391201.40 |
| 3812965.89  | 391212.55   | 3812987.39 | 43.79189   | (19013104)  | 391223.71 |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391234.86  | 3812944.39 | 54.51280   | (19013104) | 391246.02 |
| 3812922.89 | 58.62343   | (19013104) |            |           |
| 391257.17  | 3812901.38 | 64.67033   | (17010807) | 391268.33 |
| 3812879.88 | 70.13238   | (17010807) |            |           |
| 391279.48  | 3812858.38 | 73.96475   | (17010807) | 391290.64 |
| 3812836.87 | 76.44539   | (17010807) |            |           |
| 391301.79  | 3812815.37 | 76.03134   | (17010807) | 391312.95 |
| 3812793.87 | 73.81753   | (17010807) |            |           |
| 391324.10  | 3812772.36 | 69.97281   | (17010807) | 391335.26 |
| 3812750.86 | 69.81281   | (18030506) |            |           |
| 391346.41  | 3812729.36 | 69.19900   | (18030506) | 391357.57 |
| 3812707.85 | 66.99176   | (18030506) |            |           |
| 391368.72  | 3812686.35 | 63.35763   | (18030506) | 391379.87 |
| 3812664.85 | 55.11272   | (18030506) |            |           |
| 391391.03  | 3812643.34 | 54.48142   | (18010221) | 391402.18 |
| 3812621.84 | 60.89258   | (18010221) |            |           |
| 391413.34  | 3812600.34 | 64.17935   | (18010221) | 391424.49 |
| 3812578.84 | 64.86787   | (18010221) |            |           |
| 391435.65  | 3812557.33 | 69.67258   | (18032807) | 391446.80 |
| 3812535.83 | 73.28823   | (18032807) |            |           |
| 391457.96  | 3812514.33 | 72.23582   | (18032807) | 391469.11 |
| 3812492.82 | 71.50643   | (18032807) |            |           |
| 391480.27  | 3812471.32 | 65.93102   | (18032807) | 391491.42 |
| 3812449.82 | 58.72542   | (18032807) |            |           |
| 391502.58  | 3812428.31 | 52.76333   | (18032807) | 391513.73 |
| 3812406.81 | 47.54880   | (18032807) |            |           |
| 391524.89  | 3812385.31 | 43.86866   | (17122507) | 391536.04 |
| 3812363.80 | 43.95272   | (17122507) |            |           |
| 391547.20  | 3812342.30 | 45.91189   | (16110418) | 391558.35 |
| 3812320.80 | 54.74805   | (16110418) |            |           |
| 391569.51  | 3812299.29 | 62.31008   | (16110418) | 391580.66 |
| 3812277.79 | 68.10750   | (16110418) |            |           |
| 391591.82  | 3812256.29 | 65.86015   | (16110418) | 391602.97 |
| 3812234.79 | 55.62176   | (16110418) |            |           |
| 391614.13  | 3812213.28 | 43.80664   | (16110418) | 391625.28 |
| 3812191.78 | 33.81410   | (16110418) |            |           |
| 391636.44  | 3812170.28 | 25.24955   | (16110418) | 391647.59 |
| 3812148.77 | 20.56892   | (19021306) |            |           |
| 391658.74  | 3812127.27 | 17.05717   | (19021306) | 391669.90 |
| 3812105.77 | 15.87154   | (19021306) |            |           |
| 391681.05  | 3812084.26 | 17.48199   | (16122121) | 391715.86 |
| 3812057.50 | 27.10135   | (16122121) |            |           |
| 391739.50  | 3812052.24 | 22.56238   | (16122121) | 391763.15 |
| 3812046.98 | 16.17719   | (16122121) |            |           |
| 391786.79  | 3812041.72 | 13.37530   | (20040905) | 391810.44 |
| 3812036.46 | 12.69453   | (20040905) |            |           |
| 391834.09  | 3812031.20 | 11.16583   | (20040905) | 391857.73 |
| 3812025.94 | 9.88357    | (20053106) |            |           |
| 391881.38  | 3812020.68 | 9.99906    | (17021606) | 391905.03 |
| 3812015.42 | 9.77731    | (17021606) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391928.67  | 3812010.16 | 10.03707   | (17021606) | 391952.32 |
| 3812004.91 | 11.16737   | (17021606) |            |           |
| 391975.97  | 3811999.65 | 11.53734   | (17021606) | 391999.61 |
| 3811994.39 | 11.72789   | (17051823) |            |           |
| 392023.26  | 3811989.13 | 11.98829   | (17051823) | 392046.90 |
| 3811983.87 | 11.99440   | (17051823) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 648

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 392070.55   | 3811978.61  | 11.42079   | (17051823) | 392094.20   |
| 3811973.35  | 11.15680    | (20121922) |            |             |
| 392117.84   | 3811968.09  | 11.97792   | (20121922) | 392141.49   |
| 3811962.83  | 11.95304    | (20121922) |            |             |
| 392165.14   | 3811957.57  | 12.94669   | (20121922) | 392188.78   |
| 3811952.31  | 14.51978    | (20121922) |            |             |
| 392212.43   | 3811947.05  | 15.61103   | (20121922) | 392236.08   |
| 3811941.79  | 16.04639    | (20121922) |            |             |
| 392259.72   | 3811936.53  | 15.67878   | (20121922) | 392283.37   |
| 3811931.27  | 16.19734    | (16011701) |            |             |
| 392307.01   | 3811926.01  | 16.66893   | (16011701) | 392330.66   |
| 3811920.75  | 16.97031    | (16011701) |            |             |
| 392354.31   | 3811915.49  | 17.83855   | (18092722) | 392377.95   |
| 3811910.23  | 19.78070    | (18092722) |            |             |
| 392401.60   | 3811904.97  | 20.21920   | (18092722) | 392425.25   |
| 3811899.71  | 19.81886    | (18092722) |            |             |
| 392448.89   | 3811894.45  | 19.47254   | (16112024) | 392472.54   |
| 3811889.20  | 21.12937    | (16112024) |            |             |
| 392496.19   | 3811883.94  | 23.53112   | (20021206) | 392519.83   |
| 3811878.68  | 26.87274    | (20021206) |            |             |
| 392543.48   | 3811873.42  | 30.32913   | (20021206) | 392567.12   |
| 3811868.16  | 33.14170    | (20021206) |            |             |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3811857.64 | 392590.77 | 3811862.90 | 34.32095   | (20021206) | 392614.42 |
|            |           | 36.60159   | (20013022) |            |           |
|            | 392638.06 | 3811852.38 | 40.26767   | (20013022) | 392661.71 |
| 3811847.12 |           | 42.41513   | (20013022) |            |           |
|            | 392685.36 | 3811841.86 | 42.74787   | (20013022) | 392709.00 |
| 3811836.60 |           | 44.06660   | (18120918) |            |           |
|            | 392732.65 | 3811831.34 | 45.25384   | (18120918) | 392756.30 |
| 3811826.08 |           | 45.40411   | (18120918) |            |           |
|            | 392779.94 | 3811820.82 | 48.95141   | (18120308) | 392803.59 |
| 3811815.56 |           | 53.38397   | (18120308) |            |           |
|            | 392827.24 | 3811810.30 | 56.91874   | (18120308) | 392850.88 |
| 3811805.04 |           | 59.13197   | (18120308) |            |           |
|            | 392874.53 | 3811799.78 | 59.77674   | (18120308) | 392898.17 |
| 3811794.52 |           | 58.76444   | (18120308) |            |           |
|            | 392921.82 | 3811789.26 | 61.40874   | (20010220) | 392945.47 |
| 3811784.00 |           | 63.23722   | (17123103) |            |           |
|            | 392969.11 | 3811778.75 | 69.20962   | (17123103) | 392992.76 |
| 3811773.49 |           | 73.64790   | (17123103) |            |           |
|            | 393016.41 | 3811768.23 | 76.22663   | (17123103) | 393040.05 |
| 3811762.97 |           | 76.23753   | (17123103) |            |           |
|            | 393063.70 | 3811757.71 | 72.41622   | (17123103) | 393087.35 |
| 3811752.45 |           | 66.96562   | (17123103) |            |           |
|            | 393110.99 | 3811747.19 | 67.28466   | (17102717) | 393134.64 |
| 3811741.93 |           | 71.67677   | (17102717) |            |           |
|            | 393158.28 | 3811736.67 | 74.32765   | (17102717) | 393181.93 |
| 3811731.41 |           | 75.02487   | (17102717) |            |           |
|            | 393205.58 | 3811726.15 | 73.70459   | (17102717) | 393229.22 |
| 3811720.89 |           | 70.46737   | (17102717) |            |           |
|            | 393252.87 | 3811715.63 | 65.55882   | (17102717) | 393276.52 |
| 3811710.37 |           | 69.92165   | (19020706) |            |           |
|            | 393300.16 | 3811705.11 | 74.98489   | (19020706) | 393323.81 |
| 3811699.85 |           | 78.24830   | (19020706) |            |           |
|            | 393347.46 | 3811694.59 | 79.44581   | (19020706) | 393371.10 |
| 3811689.33 |           | 78.47595   | (19020706) |            |           |
|            | 393394.75 | 3811684.07 | 75.41160   | (19020706) | 393418.39 |
| 3811678.81 |           | 70.49514   | (19020706) |            |           |
|            | 393442.04 | 3811673.55 | 70.73124   | (17021124) | 393465.69 |
| 3811668.29 |           | 76.25338   | (17021124) |            |           |
|            | 393489.33 | 3811663.04 | 79.96183   | (17021124) | 393512.98 |
| 3811657.78 |           | 81.56100   | (17021124) |            |           |
|            | 393536.63 | 3811652.52 | 80.91457   | (17021124) | 393560.27 |
| 3811647.26 |           | 78.07364   | (17021124) |            |           |
|            | 393583.92 | 3811642.00 | 73.26300   | (17021124) | 393607.57 |
| 3811636.74 |           | 71.23194   | (20031204) |            |           |
|            | 393631.21 | 3811631.48 | 69.81995   | (20031204) | 393654.86 |
| 3811626.22 |           | 66.55273   | (20031204) |            |           |
|            | 393678.50 | 3811620.96 | 65.91822   | (16102920) | 393702.15 |
| 3811615.70 |           | 72.49455   | (16102920) |            |           |
|            | 393725.80 | 3811610.44 | 77.53020   | (16102920) | 393749.44 |
| 3811605.18 |           | 80.62969   | (16102920) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393773.09  | 3811599.92 | 81.54347   | (16102920) | 393796.74 |
| 3811594.66 | 80.19392   | (16102920) |            |           |
| 393820.38  | 3811589.40 | 79.14093   | (16040119) | 393844.03 |
| 3811584.14 | 81.29690   | (16040119) |            |           |
| 393867.68  | 3811578.88 | 81.20902   | (16040119) | 393891.32 |
| 3811573.62 | 78.88644   | (16040119) |            |           |
| 393914.97  | 3811568.36 | 73.10715   | (16040119) | 393938.61 |
| 3811563.10 | 64.95435   | (16040119) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 649

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393962.26   | 3811557.84  | 65.04515   | (16010219) | 393985.91   |
| 3811552.58  | 66.44998    | (16010219) |            |             |
| 394009.55   | 3811547.33  | 66.21170   | (16010219) | 394033.20   |
| 3811542.07  | 67.00777    | (16010219) |            |             |
| 394056.85   | 3811536.81  | 67.65905   | (16010219) | 394080.49   |
| 3811531.55  | 62.29479    | (16010219) |            |             |
| 394104.14   | 3811526.29  | 55.77177   | (17012519) | 394127.79   |
| 3811521.03  | 59.00671    | (17012519) |            |             |
| 394151.43   | 3811515.77  | 63.16771   | (17012519) | 394175.08   |
| 3811510.51  | 60.70598    | (17012519) |            |             |
| 394198.72   | 3811505.25  | 59.61384   | (17012519) | 394222.37   |
| 3811499.99  | 60.66323    | (17012519) |            |             |
| 394246.02   | 3811494.73  | 56.66218   | (17012519) | 394269.66   |
| 3811489.47  | 54.10723    | (17012519) |            |             |
| 394293.31   | 3811484.21  | 60.65321   | (17121817) | 394316.96   |
| 3811478.95  | 69.02458    | (17121817) |            |             |
| 394340.60   | 3811473.69  | 75.52600   | (17121817) | 394364.25   |
| 3811468.43  | 81.02075    | (17121817) |            |             |
| 394387.90   | 3811463.17  | 79.73278   | (17121817) | 394411.54   |
| 3811457.91  | 74.55722    | (17121817) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3811447.39 | 394435.19 | 3811452.65 | 64.09110   | (17121817) | 394458.83 |
|            |           | 53.78481   | (17121817) |            |           |
| 3811436.87 | 394482.48 | 3811442.13 | 50.35434   | (16012117) | 394506.13 |
|            |           | 47.78880   | (16012117) |            |           |
| 3811426.36 | 394529.77 | 3811431.62 | 43.68668   | (16012117) | 394553.42 |
|            |           | 46.68949   | (17122407) |            |           |
| 3811415.84 | 394577.07 | 3811421.10 | 57.48792   | (17122407) | 394600.71 |
|            |           | 65.12408   | (17122407) |            |           |
| 3811405.32 | 394624.36 | 3811410.58 | 66.81125   | (17122407) | 394648.01 |
|            |           | 65.62700   | (17122407) |            |           |
| 3811394.80 | 394671.65 | 3811400.06 | 62.26697   | (17122407) | 394695.30 |
|            |           | 57.30676   | (17122407) |            |           |
| 3811384.28 | 394718.95 | 3811389.54 | 55.70086   | (18061202) | 394742.59 |
|            |           | 60.09028   | (18061202) |            |           |
| 3811373.76 | 394766.24 | 3811379.02 | 61.37237   | (18061202) | 394789.88 |
|            |           | 61.87795   | (18061202) |            |           |
| 3811363.24 | 394813.53 | 3811368.50 | 62.72741   | (18061202) | 394837.18 |
|            |           | 62.46574   | (18061202) |            |           |
| 3811352.72 | 394860.82 | 3811357.98 | 62.24168   | (20113008) | 394884.47 |
|            |           | 62.41246   | (20113008) |            |           |
| 3811342.20 | 394908.12 | 3811347.46 | 61.07389   | (20113008) | 394931.76 |
|            |           | 58.83237   | (20113008) |            |           |
| 3811331.68 | 394955.41 | 3811336.94 | 55.49804   | (20113008) | 394979.06 |
|            |           | 57.45630   | (16010220) |            |           |
| 3811321.16 | 395002.70 | 3811326.42 | 61.28501   | (16010220) | 395026.35 |
|            |           | 62.79693   | (16010220) |            |           |
| 3811310.65 | 395049.99 | 3811315.91 | 61.25664   | (16010220) | 395073.64 |
|            |           | 58.27675   | (16010220) |            |           |
| 381129.09  | 395097.29 | 3811305.39 | 55.23510   | (16010220) | 395120.93 |
|            |           | 52.23745   | (16010220) |            |           |
| 3811289.61 | 395144.58 | 3811294.87 | 47.77271   | (16010220) | 395168.23 |
|            |           | 49.36206   | (16120407) |            |           |
| 3811279.09 | 395191.87 | 3811284.35 | 52.41031   | (16120407) | 395215.52 |
|            |           | 54.59052   | (16120407) |            |           |
| 3811268.57 | 395239.17 | 3811273.83 | 56.11501   | (16120407) | 395262.81 |
|            |           | 57.56241   | (16120407) |            |           |
| 3811258.05 | 395286.46 | 3811263.31 | 58.38282   | (16120407) | 395310.10 |
|            |           | 58.45870   | (16120407) |            |           |
| 3811247.53 | 395333.75 | 3811252.79 | 57.71968   | (16120407) | 395357.40 |
|            |           | 53.17770   | (16120407) |            |           |
| 3811237.01 | 395381.04 | 3811242.27 | 52.07717   | (20031107) | 395404.69 |
|            |           | 53.95918   | (20031107) |            |           |
| 3811226.49 | 395428.34 | 3811231.75 | 54.49986   | (20031107) | 395451.98 |
|            |           | 52.91464   | (20031107) |            |           |
| 3811215.97 | 395475.63 | 3811221.23 | 51.78184   | (17031703) | 395499.28 |
|            |           | 53.51013   | (17031703) |            |           |
| 3811205.46 | 395522.92 | 3811210.71 | 54.50672   | (17031703) | 395546.57 |
|            |           | 54.53770   | (16022404) |            |           |
| 3811194.94 | 395570.21 | 3811200.20 | 57.70730   | (16022404) | 395593.86 |
|            |           | 59.14656   | (16022404) |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388441.22  | 3815705.91          | 4.93555  | (19112320) | 388452.36 |
| 3815684.44 | 5.04014 (19112320)  |          |            |           |
| 388463.49  | 3815662.98          | 5.08670  | (19112320) | 388474.62 |
| 3815641.52 | 5.07007 (19112320)  |          |            |           |
| 388485.76  | 3815620.06          | 5.03355  | (19112320) | 388496.89 |
| 3815598.60 | 4.92378 (19112320)  |          |            |           |
| 388508.02  | 3815577.14          | 4.67002  | (19112320) | 388519.16 |
| 3815555.67 | 4.43223 (19112320)  |          |            |           |
| 388530.29  | 3815534.21          | 4.13515  | (19112320) | 388541.42 |
| 3815512.75 | 3.83381 (19112320)  |          |            |           |
| 388552.56  | 3815491.29          | 3.64272  | (19112320) | 388563.69 |
| 3815469.83 | 3.44511 (19112320)  |          |            |           |
| 388574.82  | 3815448.37          | 3.67620  | (20040906) | 388585.96 |
| 3815426.90 | 3.87165 (20040906)  |          |            |           |
| 388597.09  | 3815405.44          | 4.02955  | (20040906) | 388608.22 |
| 3815383.98 | 4.14732 (20040906)  |          |            |           |
| 388619.36  | 3815362.52          | 4.22995  | (20040906) | 388630.49 |
| 3815341.06 | 4.25190 (20040906)  |          |            |           |
| 388641.62  | 3815319.60          | 4.21864  | (20040906) | 388652.76 |
| 3815298.14 | 4.15567 (20040906)  |          |            |           |
| 388663.89  | 3815276.67          | 4.04914  | (20040906) | 388675.02 |
| 3815255.21 | 4.05896 (17083021)  |          |            |           |
| 388686.16  | 3815233.75          | 4.13587  | (17083021) | 388697.29 |
| 3815212.29 | 4.24328 (17083021)  |          |            |           |
| 388708.42  | 3815190.83          | 4.33530  | (17083021) | 388719.56 |
| 3815169.37 | 4.38730 (17083021)  |          |            |           |
| 388730.69  | 3815147.90          | 4.42420  | (17083021) | 388741.82 |
| 3815126.44 | 4.40056 (17083021)  |          |            |           |
| 388752.96  | 3815104.98          | 4.58334  | (19101006) | 388764.09 |
| 3815083.52 | 4.80508 (19101006)  |          |            |           |
| 388775.22  | 3815062.06          | 5.07542  | (19101006) | 388786.36 |
| 3815040.60 | 5.28414 (19101006)  |          |            |           |
| 388797.49  | 3815019.13          | 5.39367  | (19101006) | 388808.62 |
| 3814997.67 | 5.42701 (19101006)  |          |            |           |
| 388819.75  | 3814976.21          | 5.33325  | (19101006) | 388830.89 |
| 3814954.75 | 4.97549 (19101006)  |          |            |           |
| 388842.02  | 3814933.29          | 4.77346  | (18111321) | 388853.15 |
| 3814911.83 | 4.74396 (18111321)  |          |            |           |
| 388864.29  | 3814890.37          | 4.89349  | (18111321) | 388875.42 |
| 3814868.90 | 5.36917 (20111303)  |          |            |           |
| 388886.55  | 3814847.44          | 6.77930  | (19010507) | 388897.69 |
| 3814825.98 | 9.07610 (19010507)  |          |            |           |
| 388908.82  | 3814804.52          | 11.31799 | (19010507) | 388919.95 |
| 3814783.06 | 12.73256 (19010507) |          |            |           |
| 388931.09  | 3814761.60          | 13.47825 | (19010507) | 388942.22 |
| 3814740.13 | 14.50695 (17030404) |          |            |           |
| 388953.35  | 3814718.67          | 16.19235 | (17030404) | 388964.49 |
| 3814697.21 | 18.92453 (17030404) |          |            |           |
| 388975.62  | 3814675.75          | 22.29337 | (16103004) | 388986.75 |
| 3814654.29 | 24.52192 (16103004) |          |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388997.89  | 3814632.83          | 23.42897 | (16103004) | 389009.02 |
| 3814611.36 | 20.54969 (19091724) |          |            |           |
| 389020.15  | 3814589.90          | 16.19844 | (19091724) | 389031.29 |
| 3814568.44 | 12.33235 (19122522) |          |            |           |
| 389042.42  | 3814546.98          | 9.78967  | (19122522) | 389053.55 |
| 3814525.52 | 7.68407 (19122522)  |          |            |           |
| 389064.69  | 3814504.06          | 6.39736  | (16021908) | 389075.82 |
| 3814482.60 | 6.39052 (16021908)  |          |            |           |
| 389086.95  | 3814461.13          | 6.51087  | (16021908) | 389098.09 |
| 3814439.67 | 6.79479 (16021908)  |          |            |           |
| 389109.22  | 3814418.21          | 7.17575  | (16021908) | 389120.35 |
| 3814396.75 | 7.47229 (16021908)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 651

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| -----       |                     |            |            |             |
| 389131.49   | 3814375.29          | 7.47554    | (16021908) | 389142.62   |
| 3814353.83  | 7.34601 (16021908)  |            |            |             |
| 389153.75   | 3814332.36          | 7.16414    | (16021908) | 389164.89   |
| 3814310.90  | 7.09404 (16021908)  |            |            |             |
| 389176.02   | 3814289.44          | 7.00688    | (16021908) | 389187.15   |
| 3814267.98  | 6.89726 (16021908)  |            |            |             |
| 389198.28   | 3814246.52          | 7.08608    | (16021908) | 389209.42   |
| 3814225.06  | 7.80388 (16021908)  |            |            |             |
| 389220.55   | 3814203.59          | 10.60154   | (18012217) | 389231.68   |
| 3814182.13  | 11.66568 (19091802) |            |            |             |
| 389242.82   | 3814160.67          | 13.35524   | (19091802) | 389253.95   |
| 3814139.21  | 15.00780 (19091802) |            |            |             |
| 389265.08   | 3814117.75          | 14.14132   | (19091802) | 389276.22   |
| 3814096.29  | 11.40765 (19091802) |            |            |             |
| 389287.35   | 3814074.83          | 9.03230    | (17092818) | 389298.48   |
| 3814053.36  | 7.78003 (17092818)  |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389309.62  | 3814031.90          | 7.78067  | (17092818) | 389320.75 |
| 3814010.44 | 8.19688 (19021101)  |          |            |           |
| 389331.88  | 3813988.98          | 9.32984  | (19021101) | 389343.02 |
| 3813967.52 | 10.68957 (19021101) |          |            |           |
| 389354.15  | 3813946.06          | 11.72280 | (19021101) | 389365.28 |
| 3813924.59 | 12.89666 (20021303) |          |            |           |
| 389376.42  | 3813903.13          | 14.03565 | (20021303) | 389387.55 |
| 3813881.67 | 13.66353 (20021303) |          |            |           |
| 389398.68  | 3813860.21          | 12.94371 | (20021303) | 389409.82 |
| 3813838.75 | 13.16303 (20021303) |          |            |           |
| 389420.95  | 3813817.29          | 14.28759 | (20021303) | 389432.08 |
| 3813795.82 | 14.99055 (19112605) |          |            |           |
| 389443.22  | 3813774.36          | 13.96863 | (19112605) | 389454.35 |
| 3813752.90 | 11.51241 (19112605) |          |            |           |
| 389465.48  | 3813731.44          | 9.46163  | (19112605) | 389476.62 |
| 3813709.98 | 8.34500 (18010520)  |          |            |           |
| 389487.75  | 3813688.52          | 9.22879  | (18010520) | 389498.88 |
| 3813667.06 | 11.81689 (18010520) |          |            |           |
| 389510.02  | 3813645.59          | 15.06765 | (18010520) | 389521.15 |
| 3813624.13 | 16.65812 (18010520) |          |            |           |
| 389532.28  | 3813602.67          | 18.19735 | (18050705) | 389543.42 |
| 3813581.21 | 20.80267 (18050705) |          |            |           |
| 389554.55  | 3813559.75          | 20.87129 | (18050705) | 389565.68 |
| 3813538.29 | 17.70806 (18050705) |          |            |           |
| 389576.81  | 3813516.82          | 14.47998 | (17031506) | 389587.95 |
| 3813495.36 | 12.30413 (17031506) |          |            |           |
| 389599.08  | 3813473.90          | 9.43297  | (17031506) | 389610.21 |
| 3813452.44 | 6.83720 (20030124)  |          |            |           |
| 389621.35  | 3813430.98          | 5.19836  | (16112902) | 389632.48 |
| 3813409.52 | 4.19754 (16112902)  |          |            |           |
| 389643.61  | 3813388.05          | 3.50173  | (16111918) | 389654.75 |
| 3813366.59 | 2.98635 (16111918)  |          |            |           |
| 389665.88  | 3813345.13          | 2.62306  | (19031205) | 389677.01 |
| 3813323.67 | 2.45194 (20041007)  |          |            |           |
| 389688.15  | 3813302.21          | 2.37666  | (16122516) | 389699.28 |
| 3813280.75 | 2.35595 (16122516)  |          |            |           |
| 389710.41  | 3813259.29          | 2.33415  | (16122516) | 389721.55 |
| 3813237.82 | 2.29542 (16122516)  |          |            |           |
| 389732.68  | 3813216.36          | 2.24806  | (16122516) | 389743.81 |
| 3813194.90 | 2.16588 (16122516)  |          |            |           |
| 389754.95  | 3813173.44          | 2.09105  | (16122516) | 389766.08 |
| 3813151.98 | 2.03620 (16122516)  |          |            |           |
| 389777.21  | 3813130.52          | 1.99820  | (16122516) | 389788.35 |
| 3813109.05 | 1.97477 (19102117)  |          |            |           |
| 389799.48  | 3813087.59          | 2.00664  | (19102117) | 389810.61 |
| 3813066.13 | 2.03058 (19102117)  |          |            |           |
| 389821.75  | 3813044.67          | 2.04905  | (19102117) | 389832.88 |
| 3813023.21 | 2.05641 (19102117)  |          |            |           |
| 389844.01  | 3813001.75          | 2.04933  | (19102117) | 389855.15 |
| 3812980.28 | 2.03365 (19102117)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389866.28  | 3812958.82         | 2.01033 | (19102117) | 389877.41 |
| 3812937.36 | 1.98244 (19102117) |         |            |           |
| 389888.55  | 3812915.90         | 2.00367 | (19020717) | 389899.68 |
| 3812894.44 | 2.03857 (19020717) |         |            |           |
| 389910.81  | 3812872.98         | 2.06415 | (19020717) | 389921.95 |
| 3812851.51 | 2.08055 (19020717) |         |            |           |
| 389933.08  | 3812830.05         | 2.08540 | (19020717) | 389944.21 |
| 3812808.59 | 2.08046 (19020717) |         |            |           |
| 389955.35  | 3812787.13         | 2.06750 | (19020717) | 389966.48 |
| 3812765.67 | 2.04398 (19020717) |         |            |           |
| 389977.61  | 3812744.21         | 2.00891 | (19020717) | 389988.74 |
| 3812722.75 | 1.96393 (19020717) |         |            |           |
| 389999.88  | 3812701.28         | 1.91173 | (19020717) | 390011.01 |
| 3812679.82 | 1.85442 (19020717) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 652

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390022.14   | 3812658.36         | 1.79814    | (19020717) | 390033.28   |
| 3812636.90  | 1.75814 (20090907) |            |            |             |
| 390044.41   | 3812615.44         | 1.74055    | (20090907) | 390055.54   |
| 3812593.98  | 1.80117 (16121716) |            |            |             |
| 390066.68   | 3812572.51         | 1.85081    | (16121716) | 390077.81   |
| 3812551.05  | 1.90082 (16121716) |            |            |             |
| 390088.94   | 3812529.59         | 1.95097    | (16121716) | 390100.08   |
| 3812508.13  | 2.01009 (16121716) |            |            |             |
| 390111.21   | 3812486.67         | 2.06571    | (16121716) | 390122.34   |
| 3812465.21  | 2.11940 (16121716) |            |            |             |
| 390133.48   | 3812443.74         | 2.16377    | (16121716) | 390144.61   |
| 3812422.28  | 2.17927 (16121716) |            |            |             |
| 390155.74   | 3812400.82         | 2.18000    | (16121716) | 390166.88   |
| 3812379.36  | 2.15627 (16121716) |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390178.01  | 3812357.90         | 2.11516 | (16121716) | 390189.14 |
| 3812336.44 | 2.06261 (16121716) |         |            |           |
| 390200.28  | 3812314.98         | 1.99591 | (16121716) | 390211.41 |
| 3812293.51 | 1.94591 (18050318) |         |            |           |
| 390222.54  | 3812272.05         | 1.93377 | (18050318) | 390233.68 |
| 3812250.59 | 1.91602 (18050318) |         |            |           |
| 390244.81  | 3812229.13         | 1.92761 | (18050318) | 390255.94 |
| 3812207.67 | 1.92333 (18050318) |         |            |           |
| 390267.08  | 3812186.21         | 1.90271 | (18050318) | 390278.21 |
| 3812164.74 | 1.87891 (19121704) |         |            |           |
| 390289.34  | 3812143.28         | 1.93542 | (17120408) | 390300.48 |
| 3812121.82 | 1.97995 (17120408) |         |            |           |
| 390311.61  | 3812100.36         | 2.03210 | (19011017) | 390322.74 |
| 3812078.90 | 1.97580 (19011017) |         |            |           |
| 390333.88  | 3812057.44         | 1.96355 | (20022017) | 390345.01 |
| 3812035.97 | 1.97408 (20022017) |         |            |           |
| 390356.14  | 3812014.51         | 2.01436 | (20022017) | 390367.27 |
| 3811993.05 | 2.05121 (20022017) |         |            |           |
| 390378.41  | 3811971.59         | 2.07707 | (20022017) | 390389.54 |
| 3811950.13 | 2.09829 (18120709) |         |            |           |
| 390400.67  | 3811928.67         | 2.15129 | (18120709) | 390411.81 |
| 3811907.21 | 2.20161 (18120709) |         |            |           |
| 390422.94  | 3811885.74         | 2.24899 | (18120709) | 390434.07 |
| 3811864.28 | 2.29324 (18120709) |         |            |           |
| 390445.21  | 3811842.82         | 2.33417 | (18120709) | 390456.34 |
| 3811821.36 | 2.50974 (17011307) |         |            |           |
| 390467.47  | 3811799.90         | 2.75922 | (17011307) | 390478.61 |
| 3811778.44 | 2.87074 (17011307) |         |            |           |
| 390489.74  | 3811756.97         | 2.72954 | (17011307) | 390500.87 |
| 3811735.51 | 2.58323 (17011307) |         |            |           |
| 390512.01  | 3811714.05         | 2.61606 | (17011307) | 390523.14 |
| 3811692.59 | 2.79805 (17011307) |         |            |           |
| 390534.27  | 3811671.13         | 3.04241 | (20111518) | 390545.41 |
| 3811649.67 | 3.10316 (20111518) |         |            |           |
| 390556.54  | 3811628.20         | 3.14358 | (20111518) | 390567.67 |
| 3811606.74 | 3.34879 (20111518) |         |            |           |
| 390578.81  | 3811585.28         | 3.41576 | (20111518) | 390589.94 |
| 3811563.82 | 3.51223 (20111518) |         |            |           |
| 390601.07  | 3811542.36         | 3.85011 | (17092519) | 390612.21 |
| 3811520.90 | 3.90276 (17092519) |         |            |           |
| 390623.34  | 3811499.44         | 3.65837 | (17092519) | 390634.47 |
| 3811477.97 | 3.21323 (17092519) |         |            |           |
| 390645.61  | 3811456.51         | 2.96950 | (17092519) | 390656.74 |
| 3811435.05 | 2.86903 (17092519) |         |            |           |
| 390667.87  | 3811413.59         | 2.78719 | (20040904) | 390679.01 |
| 3811392.13 | 2.82949 (20040904) |         |            |           |
| 390690.14  | 3811370.67         | 2.79451 | (20040904) | 390701.27 |
| 3811349.20 | 2.71776 (20040904) |         |            |           |
| 390712.41  | 3811327.74         | 2.58457 | (20040904) | 390723.54 |
| 3811306.28 | 2.41516 (19102119) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390734.67  | 3811284.82 | 2.37427    | (16020920) | 390745.80 |
| 3811263.36 | 2.50561    | (16020920) |            |           |
| 390756.94  | 3811241.90 | 2.64739    | (16020920) | 390768.07 |
| 3811220.43 | 2.77499    | (16020920) |            |           |
| 390779.20  | 3811198.97 | 2.87132    | (16020920) | 390790.34 |
| 3811177.51 | 3.05854    | (16020920) |            |           |
| 390801.47  | 3811156.05 | 3.21115    | (16020920) | 390812.60 |
| 3811134.59 | 3.31804    | (16020920) |            |           |
| 390823.74  | 3811113.13 | 3.26417    | (16020920) | 390834.87 |
| 3811091.67 | 3.33226    | (16020920) |            |           |
| 390846.00  | 3811070.20 | 3.52350    | (16020920) | 390857.14 |
| 3811048.74 | 3.71494    | (16012620) |            |           |
| 390868.27  | 3811027.28 | 4.00903    | (20053106) | 390903.00 |
| 3811000.57 | 4.52601    | (20053106) |            |           |
| 390926.60  | 3810995.32 | 4.73822    | (20053106) | 390950.21 |
| 3810990.07 | 5.05100    | (20053106) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 653

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390973.81   | 3810984.82  | 5.52104    | (20053106) | 390997.41   |
| 3810979.57  | 6.06992     | (20053106) |            |             |
| 391021.01   | 3810974.32  | 6.63307    | (20053106) | 391044.61   |
| 3810969.07  | 7.29824     | (20053106) |            |             |
| 391068.21   | 3810963.82  | 8.49400    | (20040905) | 391091.81   |
| 3810958.57  | 9.80958     | (20040905) |            |             |
| 391115.41   | 3810953.33  | 10.08866   | (20040905) | 391139.01   |
| 3810948.08  | 10.59615    | (17021606) |            |             |
| 391162.61   | 3810942.83  | 10.50927   | (17021606) | 391186.21   |
| 3810937.58  | 12.20592    | (17021606) |            |             |
| 391209.81   | 3810932.33  | 12.86405   | (17021606) | 391233.41   |
| 3810927.08  | 11.79950    | (17021606) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3810916.58 | 391257.01 | 3810921.83 | 10.35701 | (17021606) | 391280.62 |
|            |           | 9.13004    |          | (17021606) |           |
| 3810906.08 | 391304.22 | 3810911.33 | 9.41663  | (17051823) | 391327.82 |
|            |           | 10.91263   |          | (17051823) |           |
| 3810895.58 | 391351.42 | 3810900.83 | 12.52548 | (17051823) | 391375.02 |
|            |           | 13.63170   |          | (17051823) |           |
| 3810885.08 | 391398.62 | 3810890.33 | 16.29716 | (20121922) | 391422.22 |
|            |           | 18.40641   |          | (20121922) |           |
| 3810874.58 | 391445.82 | 3810879.83 | 18.60673 | (20121922) | 391469.42 |
|            |           | 20.29695   |          | (20121922) |           |
| 3810864.09 | 391493.02 | 3810869.33 | 22.83816 | (20121922) | 391516.62 |
|            |           | 26.29218   |          | (20121922) |           |
| 3810853.59 | 391540.22 | 3810858.84 | 31.41260 | (20121922) | 391563.82 |
|            |           | 37.21623   |          | (20121922) |           |
| 3810843.09 | 391587.42 | 3810848.34 | 39.42255 | (20121922) | 391611.02 |
|            |           | 39.04302   |          | (20121922) |           |
| 3810832.59 | 391634.63 | 3810837.84 | 39.51100 | (20121922) | 391658.23 |
|            |           | 39.43125   |          | (20121922) |           |
| 3810822.09 | 391681.83 | 3810827.34 | 39.18194 | (16011701) | 391705.43 |
|            |           | 37.05066   |          | (16011701) |           |
| 3810811.59 | 391729.03 | 3810816.84 | 34.69639 | (18092722) | 391752.63 |
|            |           | 33.99704   |          | (18092722) |           |
| 3810801.09 | 391776.23 | 3810806.34 | 33.61874 | (18092722) | 391799.83 |
|            |           | 33.53898   |          | (18092722) |           |
| 3810790.59 | 391823.43 | 3810795.84 | 33.03769 | (18092722) | 391847.03 |
|            |           | 29.83928   |          | (18092722) |           |
| 3810780.10 | 391870.63 | 3810785.34 | 26.12305 | (18092722) | 391894.23 |
|            |           | 25.93552   |          | (20021206) |           |
| 3810769.60 | 391917.83 | 3810774.85 | 28.15395 | (20021206) | 391941.43 |
|            |           | 29.72607   |          | (20021206) |           |
| 3810759.10 | 391965.04 | 3810764.35 | 30.91950 | (20021206) | 391988.64 |
|            |           | 31.60991   |          | (20021206) |           |
| 3810748.60 | 392012.24 | 3810753.85 | 30.87866 | (20021206) | 392035.84 |
|            |           | 29.13310   |          | (20021206) |           |
| 3810738.10 | 392059.44 | 3810743.35 | 28.87498 | (20013022) | 392083.04 |
|            |           | 27.04158   |          | (20013022) |           |
| 3810727.60 | 392106.64 | 3810732.85 | 25.37419 | (20013022) | 392130.24 |
|            |           | 28.53560   |          | (20013022) |           |
| 3810717.10 | 392153.84 | 3810722.35 | 27.61281 | (20013022) | 392177.44 |
|            |           | 27.59073   |          | (18120918) |           |
| 3810706.60 | 392201.04 | 3810711.85 | 29.26873 | (18120918) | 392224.64 |
|            |           | 31.46583   |          | (18120918) |           |
| 3810696.11 | 392248.24 | 3810701.35 | 32.63633 | (18120308) | 392271.84 |
|            |           | 33.07593   |          | (18120308) |           |
| 3810685.61 | 392295.44 | 3810690.86 | 33.02058 | (18120308) | 392319.05 |
|            |           | 34.91936   |          | (18120308) |           |
| 3810675.11 | 392342.65 | 3810680.36 | 37.10464 | (18120308) | 392366.25 |
|            |           | 37.70432   |          | (18120308) |           |
| 3810664.61 | 392389.85 | 3810669.86 | 37.17372 | (18120308) | 392413.45 |
|            |           | 35.20606   |          | (20010220) |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392437.05  | 3810659.36 | 35.10120   | (20010220) | 392460.65 |
| 3810654.11 | 35.60836   | (20010220) |            |           |
| 392484.25  | 3810648.86 | 39.08873   | (17123103) | 392507.85 |
| 3810643.61 | 44.44250   | (17123103) |            |           |
| 392531.45  | 3810638.36 | 47.75329   | (17123103) | 392555.05 |
| 3810633.11 | 48.71790   | (17123103) |            |           |
| 392578.65  | 3810627.86 | 49.49495   | (17123103) | 392602.25 |
| 3810622.61 | 48.73525   | (17123103) |            |           |
| 392625.85  | 3810617.36 | 46.93735   | (17123103) | 392649.46 |
| 3810612.12 | 45.11751   | (17123103) |            |           |
| 392673.06  | 3810606.87 | 45.63723   | (17102717) | 392696.66 |
| 3810601.62 | 48.97229   | (17102717) |            |           |
| 392720.26  | 3810596.37 | 50.96801   | (17102717) | 392743.86 |
| 3810591.12 | 51.39065   | (17102717) |            |           |
| 392767.46  | 3810585.87 | 53.15008   | (17102717) | 392791.06 |
| 3810580.62 | 54.57432   | (17102717) |            |           |
| 392814.66  | 3810575.37 | 52.62682   | (17102717) | 392838.26 |
| 3810570.12 | 48.60357   | (17102717) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 654

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392861.86   | 3810564.87  | 46.85889   | (19020706) | 392885.46   |
| 3810559.62  | 52.60498    | (19020706) |            |             |
| 392909.06   | 3810554.37  | 56.23703   | (19020706) | 392932.66   |
| 3810549.12  | 57.85946    | (19020706) |            |             |
| 392956.26   | 3810543.87  | 59.25463   | (19020706) | 392979.86   |
| 3810538.62  | 60.39118    | (19020706) |            |             |
| 393003.47   | 3810533.37  | 59.54760   | (19020706) | 393027.07   |
| 3810528.13  | 57.63632    | (19020706) |            |             |
| 393050.67   | 3810522.88  | 54.75798   | (19020706) | 393074.27   |
| 3810517.63  | 51.06269    | (19020706) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393097.87  | 3810512.38 | 54.80296   | (17021124) | 393121.47 |
| 3810507.13 | 58.14363   | (17021124) |            |           |
| 393145.07  | 3810501.88 | 60.54834   | (17021124) | 393168.67 |
| 3810496.63 | 61.88622   | (17021124) |            |           |
| 393192.27  | 3810491.38 | 62.08221   | (17021124) | 393215.87 |
| 3810486.13 | 61.12395   | (17021124) |            |           |
| 393239.47  | 3810480.88 | 59.06313   | (17021124) | 393263.07 |
| 3810475.63 | 56.01083   | (17021124) |            |           |
| 393286.67  | 3810470.38 | 54.15424   | (20031204) | 393310.27 |
| 3810465.13 | 53.76684   | (20031204) |            |           |
| 393333.88  | 3810459.88 | 52.38788   | (20031204) | 393357.48 |
| 3810454.63 | 50.09367   | (20031204) |            |           |
| 393381.08  | 3810449.38 | 49.11783   | (16102920) | 393404.68 |
| 3810444.14 | 53.45784   | (16102920) |            |           |
| 393428.28  | 3810438.89 | 57.09678   | (16102920) | 393451.88 |
| 3810433.64 | 59.84604   | (16102920) |            |           |
| 393475.48  | 3810428.39 | 61.55754   | (16102920) | 393499.08 |
| 3810423.14 | 62.13666   | (16102920) |            |           |
| 393522.68  | 3810417.89 | 61.55082   | (16102920) | 393546.28 |
| 3810412.64 | 59.83259   | (16102920) |            |           |
| 393569.88  | 3810407.39 | 60.93557   | (16040119) | 393593.48 |
| 3810402.14 | 62.01700   | (16040119) |            |           |
| 393617.08  | 3810396.89 | 61.93979   | (16040119) | 393640.68 |
| 3810391.64 | 60.70847   | (16040119) |            |           |
| 393664.28  | 3810386.39 | 58.39172   | (16040119) | 393687.89 |
| 3810381.14 | 55.11445   | (16040119) |            |           |
| 393711.49  | 3810375.89 | 51.05210   | (16040119) | 393735.09 |
| 3810370.64 | 51.78864   | (16010219) |            |           |
| 393758.69  | 3810365.39 | 54.60114   | (16010219) | 393782.29 |
| 3810360.15 | 56.49371   | (16010219) |            |           |
| 393805.89  | 3810354.90 | 57.36378   | (16010219) | 393829.49 |
| 3810349.65 | 57.16389   | (16010219) |            |           |
| 393853.09  | 3810344.40 | 55.90616   | (16010219) | 393876.69 |
| 3810339.15 | 53.66105   | (16010219) |            |           |
| 393900.29  | 3810333.90 | 50.55076   | (16010219) | 393923.89 |
| 3810328.65 | 52.56307   | (17012519) |            |           |
| 393947.49  | 3810323.40 | 56.34650   | (17012519) | 393971.09 |
| 3810318.15 | 59.28226   | (17012519) |            |           |
| 393994.69  | 3810312.90 | 61.21637   | (17012519) | 394018.30 |
| 3810307.65 | 62.04543   | (17012519) |            |           |
| 394041.90  | 3810302.40 | 61.72481   | (17012519) | 394065.50 |
| 3810297.15 | 60.27472   | (17012519) |            |           |
| 394089.10  | 3810291.90 | 57.77625   | (17012519) | 394112.70 |
| 3810286.65 | 54.36454   | (17012519) |            |           |
| 394136.30  | 3810281.40 | 52.53257   | (17121817) | 394159.90 |
| 3810276.16 | 56.22442   | (17121817) |            |           |
| 394183.50  | 3810270.91 | 59.07165   | (17121817) | 394207.10 |
| 3810265.66 | 60.92694   | (17121817) |            |           |
| 394230.70  | 3810260.41 | 61.69285   | (17121817) | 394254.30 |
| 3810255.16 | 61.33023   | (17121817) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394277.90  | 3810249.91 | 59.86151   | (17121817) | 394301.50 |
| 3810244.66 | 57.36843   | (17121817) |            |           |
| 394325.10  | 3810239.41 | 53.98454   | (17121817) | 394348.70 |
| 3810234.16 | 49.88337   | (17121817) |            |           |
| 394372.31  | 3810228.91 | 45.26182   | (17121817) | 394395.91 |
| 3810223.66 | 46.53703   | (16012117) |            |           |
| 394419.51  | 3810218.41 | 47.99857   | (16012117) | 394443.11 |
| 3810213.16 | 50.01310   | (17122407) |            |           |
| 394466.71  | 3810207.91 | 53.99685   | (17122407) | 394490.31 |
| 3810202.66 | 57.25186   | (17122407) |            |           |
| 394513.91  | 3810197.41 | 59.61760   | (17122407) | 394537.51 |
| 3810192.17 | 60.97483   | (17122407) |            |           |
| 394561.11  | 3810186.92 | 61.25529   | (17122407) | 394584.71 |
| 3810181.67 | 60.44782   | (17122407) |            |           |
| 394608.31  | 3810176.42 | 58.59876   | (17122407) | 394631.91 |
| 3810171.17 | 55.80761   | (17122407) |            |           |
| 394655.51  | 3810165.92 | 52.21824   | (17122407) | 394679.11 |
| 3810160.67 | 52.83072   | (18061202) |            |           |
| 394702.72  | 3810155.42 | 56.11996   | (18061202) | 394726.32 |
| 3810150.17 | 58.56911   | (18061202) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 655

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394749.92   | 3810144.92  | 60.05992   | (18061202) | 394773.52   |
| 3810139.67  | 60.51978    | (18061202) |            |             |
| 394797.12   | 3810134.42  | 59.92906   | (18061202) | 394820.72   |
| 3810129.17  | 58.32255    | (18061202) |            |             |
| 394844.32   | 3810123.92  | 55.78602   | (18061202) | 394867.92   |
| 3810118.67  | 54.66174    | (20113008) |            |             |
| 394891.52   | 3810113.42  | 54.73183   | (20113008) | 394915.12   |
| 3810108.18  | 53.86950    | (20113008) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3810097.68 | 394938.72 | 3810102.93 | 52.12232   | (20113008) | 394962.32 |
|            |           | 49.58112   | (20113008) |            |           |
|            | 394985.92 | 3810092.43 | 48.63566   | (16010220) | 395009.52 |
| 3810087.18 |           | 52.43381   | (16010220) |            |           |
|            | 395033.12 | 3810081.93 | 55.57565   | (16010220) | 395056.73 |
| 3810076.68 |           | 57.91863   | (16010220) |            |           |
|            | 395080.33 | 3810071.43 | 59.35186   | (16010220) | 395103.93 |
| 3810066.18 |           | 59.81079   | (16010220) |            |           |
|            | 395127.53 | 3810060.93 | 59.27763   | (16010220) | 395151.13 |
| 3810055.68 |           | 57.78368   | (16010220) |            |           |
|            | 395174.73 | 3810050.43 | 55.40632   | (16010220) | 395198.33 |
| 3810045.18 |           | 52.26245   | (16010220) |            |           |
|            | 395221.93 | 3810039.93 | 50.17524   | (16120407) | 395245.53 |
| 3810034.68 |           | 53.56191   | (16120407) |            |           |
|            | 395269.13 | 3810029.43 | 56.24776   | (16120407) | 395292.73 |
| 3810024.18 |           | 58.11360   | (16120407) |            |           |
|            | 395316.33 | 3810018.94 | 59.07657   | (16120407) | 395339.93 |
| 3810013.69 |           | 59.09570   | (16120407) |            |           |
|            | 395363.53 | 3810008.44 | 58.17559   | (16120407) | 395387.14 |
| 3810003.19 |           | 56.36411   | (16120407) |            |           |
|            | 395410.74 | 3809997.94 | 53.75173   | (16120407) | 395434.34 |
| 3809992.69 |           | 50.45978   | (16120407) |            |           |
|            | 395457.94 | 3809987.44 | 46.63376   | (16120407) | 395481.54 |
| 3809982.19 |           | 42.43231   | (16120407) |            |           |
|            | 395505.14 | 3809976.94 | 40.71930   | (20031107) | 395528.74 |
| 3809971.69 |           | 41.85573   | (20031107) |            |           |
|            | 395552.34 | 3809966.44 | 42.36086   | (20031107) | 395575.94 |
| 3809961.19 |           | 42.21555   | (20031107) |            |           |
|            | 395599.54 | 3809955.94 | 41.43053   | (20031107) | 395623.14 |
| 3809950.69 |           | 42.20248   | (17031703) |            |           |
|            | 395646.74 | 3809945.44 | 43.32976   | (17031703) | 395670.34 |
| 3809940.19 |           | 43.81680   | (17031703) |            |           |
|            | 395693.94 | 3809934.95 | 43.64608   | (17031703) | 395717.54 |
| 3809929.70 |           | 44.67598   | (16022404) |            |           |
|            | 395741.15 | 3809924.45 | 46.54895   | (16022404) | 395764.75 |
| 3809919.20 |           | 47.78051   | (16022404) |            |           |
|            | 395788.35 | 3809913.95 | 48.32266   | (16022404) | 395811.95 |
| 3809908.70 |           | 49.02103   | (20021818) |            |           |
|            | 395835.55 | 3809903.45 | 51.84798   | (20021818) | 395859.15 |
| 3809898.20 |           | 54.03863   | (20021818) |            |           |
|            | 395882.75 | 3809892.95 | 55.50671   | (20021818) | 395906.35 |
| 3809887.70 |           | 56.19540   | (20021818) |            |           |
|            | 395929.95 | 3809882.45 | 56.08093   | (20021818) | 395953.55 |
| 3809877.20 |           | 55.17387   | (20021818) |            |           |
|            | 395977.15 | 3809871.95 | 54.00830   | (16010907) | 396000.75 |
| 3809866.70 |           | 55.56359   | (16010907) |            |           |
|            | 396024.35 | 3809861.45 | 56.36247   | (16010907) | 396047.95 |
| 3809856.20 |           | 56.37742   | (16010907) |            |           |
|            | 396071.56 | 3809850.96 | 55.61315   | (16010907) | 396095.16 |
| 3809845.71 |           | 54.10727   | (16010907) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396118.76  | 3809840.46 | 54.69935   | (18020908) | 396142.36 |
| 3809835.21 | 55.64374   | (18020908) |            |           |
| 396165.96  | 3809829.96 | 55.83704   | (18020908) | 396189.56 |
| 3809824.71 | 55.27720   | (18020908) |            |           |
| 388341.03  | 3815899.06 | 12.72433   | (19020106) | 388340.01 |
| 3815923.27 | 11.80871   | (16060403) |            |           |
| 388339.00  | 3815947.47 | 9.89953    | (16060403) | 388337.99 |
| 3815971.68 | 7.76217    | (16111721) |            |           |
| 388336.97  | 3815995.89 | 6.31344    | (16111721) | 388335.96 |
| 3816020.09 | 5.96291    | (19120108) |            |           |
| 388334.95  | 3816044.30 | 5.71528    | (19120108) | 387019.98 |
| 3815821.86 | 36.33466   | (16060403) |            |           |
| 387031.10  | 3815800.42 | 35.77885   | (16060403) | 387042.22 |
| 3815778.99 | 36.09191   | (19020106) |            |           |
| 387053.34  | 3815757.56 | 37.68227   | (19020106) | 387064.45 |
| 3815736.12 | 39.41509   | (19020106) |            |           |
| 387075.57  | 3815714.69 | 40.84598   | (19020106) | 387086.69 |
| 3815693.25 | 41.68437   | (19020106) |            |           |
| 387097.81  | 3815671.82 | 40.88312   | (19020106) | 387108.93 |
| 3815650.38 | 39.49926   | (19020106) |            |           |
| 387120.05  | 3815628.95 | 39.65893   | (17122417) | 387131.17 |
| 3815607.52 | 40.01321   | (17122417) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 656

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387142.29   | 3815586.08  | 39.93987   | (17122417) | 387153.41   |
| 3815564.65  | 39.43881    | (17122417) |            |             |
| 387164.53   | 3815543.21  | 40.67495   | (16012217) | 387175.64   |
| 3815521.78  | 41.95293    | (16012217) |            |             |
| 387186.76   | 3815500.35  | 42.80340   | (16012217) | 387197.88   |
| 3815478.91  | 43.19629    | (16012217) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387209.00  | 3815457.48 | 43.11575   | (16012217) | 387220.12 |
| 3815436.04 | 42.56157   | (16012217) |            |           |
| 387231.24  | 3815414.61 | 41.54980   | (16012217) | 387242.36 |
| 3815393.17 | 40.10990   | (16012217) |            |           |
| 387253.48  | 3815371.74 | 39.05105   | (18091705) | 387264.60 |
| 3815350.31 | 39.38466   | (18091705) |            |           |
| 387275.72  | 3815328.87 | 40.67237   | (20091204) | 387286.84 |
| 3815307.44 | 42.86553   | (20091204) |            |           |
| 387297.95  | 3815286.00 | 44.67029   | (20091204) | 387309.07 |
| 3815264.57 | 46.02499   | (20091204) |            |           |
| 387320.19  | 3815243.13 | 46.88297   | (20091204) | 387331.31 |
| 3815221.70 | 47.21176   | (20091204) |            |           |
| 387342.43  | 3815200.27 | 46.99768   | (20091204) | 387353.55 |
| 3815178.83 | 46.24475   | (20091204) |            |           |
| 387364.67  | 3815157.40 | 44.97673   | (20091204) | 387375.79 |
| 3815135.96 | 44.88792   | (20122517) |            |           |
| 387386.91  | 3815114.53 | 45.62755   | (20122517) | 387398.03 |
| 3815093.09 | 45.83828   | (20122517) |            |           |
| 387409.15  | 3815071.66 | 45.50991   | (20122517) | 387420.26 |
| 3815050.23 | 44.65148   | (20122517) |            |           |
| 387431.38  | 3815028.79 | 43.28968   | (20122517) | 387442.50 |
| 3815007.36 | 42.76848   | (17010723) |            |           |
| 387453.62  | 3814985.92 | 43.34355   | (17010723) | 387464.74 |
| 3814964.49 | 43.40257   | (17010723) |            |           |
| 387475.86  | 3814943.05 | 42.94091   | (17010723) | 387486.98 |
| 3814921.62 | 41.97311   | (17010723) |            |           |
| 387498.10  | 3814900.19 | 40.53110   | (17010723) | 387509.22 |
| 3814878.75 | 40.85366   | (16122303) |            |           |
| 387520.34  | 3814857.32 | 41.24359   | (16122303) | 387531.45 |
| 3814835.88 | 41.88736   | (17022607) |            |           |
| 387542.57  | 3814814.45 | 44.21859   | (17022607) | 387553.69 |
| 3814793.02 | 46.11084   | (17022607) |            |           |
| 387564.81  | 3814771.58 | 47.49613   | (17022607) | 387575.93 |
| 3814750.15 | 48.32116   | (17022607) |            |           |
| 387587.05  | 3814728.71 | 48.55377   | (17022607) | 387598.17 |
| 3814707.28 | 48.18263   | (17022607) |            |           |
| 387609.29  | 3814685.84 | 47.21862   | (17022607) | 387620.41 |
| 3814664.41 | 45.69575   | (17022607) |            |           |
| 387631.53  | 3814642.98 | 43.66682   | (17022607) | 387642.65 |
| 3814621.54 | 41.20074   | (17022607) |            |           |
| 387653.76  | 3814600.11 | 39.57771   | (18031119) | 387664.88 |
| 3814578.67 | 41.89415   | (18031119) |            |           |
| 387676.00  | 3814557.24 | 43.78675   | (18031119) | 387687.12 |
| 3814535.80 | 45.18695   | (18031119) |            |           |
| 387698.24  | 3814514.37 | 46.03977   | (18031119) | 387709.36 |
| 3814492.94 | 46.31148   | (18031119) |            |           |
| 387720.48  | 3814471.50 | 45.98919   | (18031119) | 387731.60 |
| 3814450.07 | 45.08342   | (18031119) |            |           |
| 387742.72  | 3814428.63 | 43.62576   | (18031119) | 387753.84 |
| 3814407.20 | 42.85059   | (16103004) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387764.95  | 3814385.76 | 43.37203   | (16103004) | 387776.07 |
| 3814364.33 | 43.33191   | (16103004) |            |           |
| 387787.19  | 3814342.90 | 42.72999   | (16103004) | 387798.31 |
| 3814321.46 | 41.58712   | (16103004) |            |           |
| 387809.43  | 3814300.03 | 39.94627   | (16103004) | 387820.55 |
| 3814278.59 | 37.86609   | (16103004) |            |           |
| 387831.67  | 3814257.16 | 35.42264   | (16103004) | 387842.79 |
| 3814235.73 | 32.69936   | (16103004) |            |           |
| 387853.91  | 3814214.29 | 29.78430   | (16103004) | 387865.03 |
| 3814192.86 | 28.73250   | (19091724) |            |           |
| 387876.15  | 3814171.42 | 28.68089   | (19122522) | 387887.26 |
| 3814149.99 | 28.97331   | (19122522) |            |           |
| 387898.38  | 3814128.55 | 28.88078   | (19122522) | 387909.50 |
| 3814107.12 | 29.13020   | (19012818) |            |           |
| 387920.62  | 3814085.69 | 30.38033   | (19012818) | 387931.74 |
| 3814064.25 | 31.26274   | (19012818) |            |           |
| 387942.86  | 3814042.82 | 32.77615   | (20010718) | 387953.98 |
| 3814021.38 | 35.29252   | (20010718) |            |           |
| 387965.10  | 3813999.95 | 37.49301   | (20010718) | 387976.22 |
| 3813978.51 | 39.29774   | (20010718) |            |           |
| 387987.34  | 3813957.08 | 40.63551   | (20010718) | 387998.45 |
| 3813935.65 | 41.45325   | (20010718) |            |           |
| 388009.57  | 3813914.21 | 41.71729   | (20010718) | 388020.69 |
| 3813892.78 | 44.19816   | (18012217) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 657

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388031.81   | 3813871.34  | 46.54319   | (18012217) | 388042.93   |
| 3813849.91  | 48.34825    | (18012217) |            |             |
| 388054.05   | 3813828.47  | 49.54257   | (18012217) | 388065.17   |
| 3813807.04  | 50.07605    | (18012217) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388076.29  | 3813785.61 | 49.92620   | (18012217) | 388087.41 |
| 3813764.17 | 49.09733   | (18012217) |            |           |
| 388098.53  | 3813742.74 | 47.62253   | (18012217) | 388109.65 |
| 3813721.30 | 45.90457   | (19091802) |            |           |
| 388120.76  | 3813699.87 | 46.59093   | (19091802) | 388131.88 |
| 3813678.43 | 46.63989   | (19091802) |            |           |
| 388143.00  | 3813657.00 | 46.04820   | (19091802) | 388154.12 |
| 3813635.57 | 47.41560   | (17092818) |            |           |
| 388165.24  | 3813614.13 | 48.98817   | (17092818) | 388176.36 |
| 3813592.70 | 49.91622   | (17092818) |            |           |
| 388187.48  | 3813571.26 | 50.16145   | (17092818) | 388198.60 |
| 3813549.83 | 49.71267   | (17092818) |            |           |
| 388209.72  | 3813528.40 | 48.58767   | (17092818) | 388220.84 |
| 3813506.96 | 46.83076   | (17092818) |            |           |
| 388231.95  | 3813485.53 | 44.51338   | (17092818) | 388243.07 |
| 3813464.09 | 41.72270   | (17092818) |            |           |
| 388254.19  | 3813442.66 | 44.27031   | (20021303) | 388265.31 |
| 3813421.22 | 46.72843   | (20021303) |            |           |
| 388276.43  | 3813399.79 | 48.63873   | (20021303) | 388287.55 |
| 3813378.36 | 49.92532   | (20021303) |            |           |
| 388298.67  | 3813356.92 | 50.53509   | (20021303) | 388309.79 |
| 3813335.49 | 50.44183   | (20021303) |            |           |
| 388320.91  | 3813314.05 | 49.64877   | (20021303) | 388332.03 |
| 3813292.62 | 48.18892   | (20021303) |            |           |
| 388343.15  | 3813271.18 | 46.12029   | (20021303) | 388354.26 |
| 3813249.75 | 43.71158   | (19083005) |            |           |
| 388365.38  | 3813228.32 | 43.78044   | (19083005) | 388376.50 |
| 3813206.88 | 43.23884   | (19083005) |            |           |
| 388387.62  | 3813185.45 | 42.10952   | (19083005) | 388398.74 |
| 3813164.01 | 41.50837   | (18010520) |            |           |
| 388409.86  | 3813142.58 | 41.44154   | (18010520) | 388420.98 |
| 3813121.14 | 40.14690   | (18010520) |            |           |
| 388432.10  | 3813099.71 | 37.10204   | (18010520) | 388443.22 |
| 3813078.28 | 33.06519   | (18010520) |            |           |
| 388454.34  | 3813056.84 | 31.76920   | (18010520) | 388465.45 |
| 3813035.41 | 30.76498   | (18010520) |            |           |
| 388476.57  | 3813013.97 | 30.65723   | (18050705) | 388487.69 |
| 3812992.54 | 30.08725   | (18050705) |            |           |
| 388498.81  | 3812971.10 | 29.43396   | (18050705) | 388509.93 |
| 3812949.67 | 28.95038   | (18050705) |            |           |
| 388521.05  | 3812928.24 | 29.79576   | (17031506) | 388532.17 |
| 3812906.80 | 30.64445   | (17031506) |            |           |
| 388543.29  | 3812885.37 | 28.73202   | (20030124) | 388554.41 |
| 3812863.93 | 27.15623   | (20030124) |            |           |
| 388565.53  | 3812842.50 | 23.92828   | (20030124) | 388576.65 |
| 3812821.07 | 19.79539   | (20030124) |            |           |
| 388587.76  | 3812799.63 | 16.32424   | (20030124) | 388598.88 |
| 3812778.20 | 13.12137   | (20030124) |            |           |
| 388610.00  | 3812756.76 | 10.23138   | (20030124) | 388621.12 |
| 3812735.33 | 7.74797    | (20030124) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388632.24  | 3812713.89         | 5.77247 | (17101018) | 388643.36 |
| 3812692.46 | 4.10770 (20120417) |         |            |           |
| 388654.48  | 3812671.03         | 3.59972 | (20120417) | 388665.60 |
| 3812649.59 | 3.18471 (20120417) |         |            |           |
| 388676.72  | 3812628.16         | 3.10688 | (20120417) | 388687.84 |
| 3812606.72 | 3.40089 (20120417) |         |            |           |
| 388698.95  | 3812585.29         | 3.72495 | (20120417) | 388710.07 |
| 3812563.85 | 3.46374 (20120417) |         |            |           |
| 388721.19  | 3812542.42         | 2.61694 | (20120417) | 388732.31 |
| 3812520.99 | 1.94456 (16122516) |         |            |           |
| 388743.43  | 3812499.55         | 1.78426 | (16122516) | 388754.55 |
| 3812478.12 | 1.66444 (16122516) |         |            |           |
| 388765.67  | 3812456.68         | 1.58635 | (16122516) | 388776.79 |
| 3812435.25 | 1.59835 (19102117) |         |            |           |
| 388787.91  | 3812413.81         | 1.61813 | (19102117) | 388799.03 |
| 3812392.38 | 1.63757 (19102117) |         |            |           |
| 388810.15  | 3812370.95         | 1.65742 | (19102117) | 388821.26 |
| 3812349.51 | 1.66150 (19102117) |         |            |           |
| 388832.38  | 3812328.08         | 1.65510 | (19102117) | 388843.50 |
| 3812306.64 | 1.64989 (19102117) |         |            |           |
| 388854.62  | 3812285.21         | 1.63793 | (19102117) | 388865.74 |
| 3812263.78 | 1.61997 (19102117) |         |            |           |
| 388876.86  | 3812242.34         | 1.62038 | (19020717) | 388887.98 |
| 3812220.91 | 1.63904 (19020717) |         |            |           |
| 388899.10  | 3812199.47         | 1.65179 | (19020717) | 388910.22 |
| 3812178.04 | 1.66486 (19020717) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 658

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388921.34   | 3812156.60  | 1.67391    | (19020717) | 388932.45   |
| 3812135.17  | 1.68290     | (19020717) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388943.57  | 3812113.74         | 1.69107 | (19020717) | 388954.69 |
| 3812092.30 | 1.70255 (19020717) |         |            |           |
| 388965.81  | 3812070.87         | 1.71486 | (19020717) | 388976.93 |
| 3812049.43 | 1.72410 (19020717) |         |            |           |
| 388988.05  | 3812028.00         | 1.71256 | (19020717) | 388999.17 |
| 3812006.56 | 1.69582 (19020717) |         |            |           |
| 389010.29  | 3811985.13         | 1.67584 | (19020717) | 389021.41 |
| 3811963.70 | 1.65776 (19020717) |         |            |           |
| 389032.53  | 3811942.26         | 1.64098 | (19020717) | 389043.65 |
| 3811920.83 | 1.61764 (19020717) |         |            |           |
| 389054.76  | 3811899.39         | 1.57334 | (19020717) | 389065.88 |
| 3811877.96 | 1.51139 (19020717) |         |            |           |
| 389077.00  | 3811856.52         | 1.47832 | (20090907) | 389088.12 |
| 3811835.09 | 1.50417 (16121716) |         |            |           |
| 389099.24  | 3811813.66         | 1.56264 | (16121716) | 389110.36 |
| 3811792.22 | 1.62281 (16121716) |         |            |           |
| 389121.48  | 3811770.79         | 1.69828 | (16121716) | 389132.60 |
| 3811749.35 | 1.76534 (16121716) |         |            |           |
| 389143.72  | 3811727.92         | 1.81612 | (16121716) | 389154.84 |
| 3811706.48 | 1.85450 (16121716) |         |            |           |
| 389165.96  | 3811685.05         | 1.87915 | (16121716) | 389177.07 |
| 3811663.62 | 1.89406 (16121716) |         |            |           |
| 389188.19  | 3811642.18         | 1.89976 | (16121716) | 389199.31 |
| 3811620.75 | 1.89519 (16121716) |         |            |           |
| 389210.43  | 3811599.31         | 1.88088 | (16121716) | 389221.55 |
| 3811577.88 | 1.86520 (16121716) |         |            |           |
| 389232.67  | 3811556.45         | 1.86142 | (19113008) | 389243.79 |
| 3811535.01 | 1.93400 (19113008) |         |            |           |
| 389254.91  | 3811513.58         | 2.01376 | (19113008) | 389266.03 |
| 3811492.14 | 2.08861 (19113008) |         |            |           |
| 389277.15  | 3811470.71         | 2.19266 | (19113008) | 389288.26 |
| 3811449.27 | 2.28891 (19113008) |         |            |           |
| 389299.38  | 3811427.84         | 2.28558 | (19113008) | 389310.50 |
| 3811406.41 | 2.18892 (19113008) |         |            |           |
| 389321.62  | 3811384.97         | 2.19899 | (19113008) | 389332.74 |
| 3811363.54 | 2.20456 (19113008) |         |            |           |
| 389343.86  | 3811342.10         | 2.29069 | (18030619) | 389354.98 |
| 3811320.67 | 2.51305 (18030619) |         |            |           |
| 389366.10  | 3811299.23         | 2.72596 | (17120408) | 389377.22 |
| 3811277.80 | 2.85302 (17120408) |         |            |           |
| 389388.34  | 3811256.37         | 2.89898 | (19011017) | 389399.46 |
| 3811234.93 | 2.97629 (19011017) |         |            |           |
| 389410.57  | 3811213.50         | 3.00081 | (19011017) | 389421.69 |
| 3811192.06 | 2.97014 (19011017) |         |            |           |
| 389432.81  | 3811170.63         | 2.99461 | (19011017) | 389443.93 |
| 3811149.19 | 2.93990 (19011017) |         |            |           |
| 389455.05  | 3811127.76         | 2.94098 | (19011017) | 389466.17 |
| 3811106.33 | 2.86747 (19011017) |         |            |           |
| 389477.29  | 3811084.89         | 2.75505 | (17012518) | 389488.41 |
| 3811063.46 | 2.69303 (17012518) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389499.53  | 3811042.02 | 2.66925    | (17012518) | 389510.65 |
| 3811020.59 | 2.63621    | (17012518) |            |           |
| 389521.76  | 3810999.16 | 2.60596    | (17012518) | 389532.88 |
| 3810977.72 | 2.62247    | (17012518) |            |           |
| 389544.00  | 3810956.29 | 2.69393    | (17012518) | 389555.12 |
| 3810934.85 | 2.69962    | (17012518) |            |           |
| 389566.24  | 3810913.42 | 2.76646    | (17011307) | 389577.36 |
| 3810891.98 | 2.97597    | (17011307) |            |           |
| 389588.48  | 3810870.55 | 3.20081    | (17011307) | 389599.60 |
| 3810849.12 | 3.44269    | (17011307) |            |           |
| 389610.72  | 3810827.68 | 3.65046    | (17011307) | 389621.84 |
| 3810806.25 | 3.85419    | (17011307) |            |           |
| 389632.96  | 3810784.81 | 4.04813    | (17011307) | 389644.07 |
| 3810763.38 | 4.18343    | (17011307) |            |           |
| 389655.19  | 3810741.94 | 4.37204    | (20111518) | 389666.31 |
| 3810720.51 | 4.54453    | (18010221) |            |           |
| 389677.43  | 3810699.08 | 4.92878    | (18010221) | 389688.55 |
| 3810677.64 | 5.31508    | (18010221) |            |           |
| 389699.67  | 3810656.21 | 5.68634    | (18010221) | 389710.79 |
| 3810634.77 | 5.96374    | (18010221) |            |           |
| 389721.91  | 3810613.34 | 6.17601    | (18010221) | 389733.03 |
| 3810591.90 | 6.67858    | (18032807) |            |           |
| 389744.15  | 3810570.47 | 7.22864    | (18032807) | 389755.26 |
| 3810549.04 | 7.79130    | (18032807) |            |           |
| 389766.38  | 3810527.60 | 8.28918    | (18032807) | 389777.50 |
| 3810506.17 | 8.76290    | (18032807) |            |           |
| 389788.62  | 3810484.73 | 9.10519    | (18032807) | 389799.74 |
| 3810463.30 | 9.40328    | (18032807) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 659

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |
| - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389810.86  | 3810441.86 | 9.62129    | (18032807) | 389821.98 |
| 3810420.43 | 9.74434    | (18032807) |            |           |
| 389833.10  | 3810399.00 | 10.37339   | (17122507) | 389844.22 |
| 3810377.56 | 10.90173   | (17122507) |            |           |
| 389855.34  | 3810356.13 | 11.25000   | (17122507) | 389866.46 |
| 3810334.69 | 11.17344   | (17122507) |            |           |
| 389877.57  | 3810313.26 | 10.94689   | (17122507) | 389888.69 |
| 3810291.83 | 11.02788   | (17122507) |            |           |
| 389899.81  | 3810270.39 | 12.77898   | (16110418) | 389910.93 |
| 3810248.96 | 14.28675   | (16110418) |            |           |
| 389922.05  | 3810227.52 | 14.40035   | (16110418) | 389933.17 |
| 3810206.09 | 14.20075   | (16110418) |            |           |
| 389944.29  | 3810184.65 | 14.51387   | (16110418) | 389955.41 |
| 3810163.22 | 15.40213   | (16110418) |            |           |
| 389966.53  | 3810141.79 | 16.18326   | (16110418) | 389977.65 |
| 3810120.35 | 16.76794   | (16110418) |            |           |
| 389988.76  | 3810098.92 | 17.13289   | (16110418) | 389999.88 |
| 3810077.48 | 17.31125   | (16110418) |            |           |
| 390011.00  | 3810056.05 | 17.23608   | (16110418) | 390022.12 |
| 3810034.61 | 16.95306   | (16110418) |            |           |
| 390033.24  | 3810013.18 | 16.58959   | (16110418) | 390044.36 |
| 3809991.75 | 16.63353   | (19021306) |            |           |
| 390055.48  | 3809970.31 | 17.54039   | (16122121) | 390090.17 |
| 3809943.63 | 19.44131   | (16122121) |            |           |
| 390113.74  | 3809938.39 | 19.42322   | (16122121) | 390137.31 |
| 3809933.15 | 19.01924   | (16122121) |            |           |
| 390160.88  | 3809927.91 | 18.69241   | (16122121) | 390184.45 |
| 3809922.66 | 18.60503   | (16122121) |            |           |
| 390208.02  | 3809917.42 | 18.35121   | (16122121) | 390231.59 |
| 3809912.18 | 17.50581   | (16122121) |            |           |
| 390255.16  | 3809906.94 | 16.59123   | (16122121) | 390278.73 |
| 3809901.69 | 16.65132   | (20040905) |            |           |
| 390302.30  | 3809896.45 | 16.64942   | (20040905) | 390325.88 |
| 3809891.21 | 16.11513   | (20040905) |            |           |
| 390349.45  | 3809885.97 | 14.77084   | (20040905) | 390373.02 |
| 3809880.72 | 12.45730   | (20040905) |            |           |
| 390396.59  | 3809875.48 | 11.74843   | (20040905) | 390420.16 |
| 3809870.24 | 14.23488   | (17021606) |            |           |
| 390443.73  | 3809864.99 | 16.70030   | (17021606) | 390467.30 |
| 3809859.75 | 16.77724   | (17021606) |            |           |
| 390490.87  | 3809854.51 | 15.44862   | (17021606) | 390514.44 |
| 3809849.27 | 14.04735   | (17021606) |            |           |
| 390538.01  | 3809844.02 | 13.08595   | (17021606) | 390561.58 |
| 3809838.78 | 11.74290   | (17021606) |            |           |
| 390585.15  | 3809833.54 | 9.41643    | (17021606) | 390608.72 |
| 3809828.30 | 9.47979    | (17051823) |            |           |
| 390632.29  | 3809823.05 | 10.87779   | (17051823) | 390655.86 |
| 3809817.81 | 11.62236   | (17051823) |            |           |
| 390679.43  | 3809812.57 | 11.73640   | (17051823) | 390703.00 |
| 3809807.32 | 12.59100   | (20121922) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390726.58  | 3809802.08 | 14.00981   | (20121922) | 390750.15 |
| 3809796.84 | 15.42706   | (20121922) |            |           |
| 390773.72  | 3809791.60 | 16.66756   | (20121922) | 390797.29 |
| 3809786.35 | 17.58161   | (20121922) |            |           |
| 390820.86  | 3809781.11 | 18.64114   | (20121922) | 390844.43 |
| 3809775.87 | 19.47317   | (20121922) |            |           |
| 390868.00  | 3809770.63 | 19.66520   | (20121922) | 390891.57 |
| 3809765.38 | 19.75582   | (20121922) |            |           |
| 390915.14  | 3809760.14 | 20.65369   | (20121922) | 390938.71 |
| 3809754.90 | 21.02330   | (20121922) |            |           |
| 390962.28  | 3809749.66 | 19.83359   | (20121922) | 390985.85 |
| 3809744.41 | 17.55368   | (20121922) |            |           |
| 391009.42  | 3809739.17 | 15.42701   | (16011701) | 391032.99 |
| 3809733.93 | 13.92477   | (16011701) |            |           |
| 391056.56  | 3809728.68 | 12.15853   | (16011701) | 391080.13 |
| 3809723.44 | 10.66222   | (16011701) |            |           |
| 391103.71  | 3809718.20 | 9.88213    | (16011701) | 391127.28 |
| 3809712.96 | 9.99223    | (18092722) |            |           |
| 391150.85  | 3809707.71 | 9.73011    | (18092722) | 391174.42 |
| 3809702.47 | 10.72344   | (18092722) |            |           |
| 391197.99  | 3809697.23 | 12.23969   | (18092722) | 391221.56 |
| 3809691.99 | 12.68998   | (18092722) |            |           |
| 391245.13  | 3809686.74 | 12.72871   | (18092722) | 391268.70 |
| 3809681.50 | 12.58535   | (18092722) |            |           |
| 391292.27  | 3809676.26 | 13.07181   | (19112417) | 391315.84 |
| 3809671.01 | 13.63762   | (20021206) |            |           |
| 391339.41  | 3809665.77 | 14.83152   | (20021206) | 391362.98 |
| 3809660.53 | 16.00338   | (20021206) |            |           |
| 391386.55  | 3809655.29 | 16.95158   | (20021206) | 391410.12 |
| 3809650.04 | 17.81129   | (20021206) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 660

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391433.69  | 3809644.80          | 18.61400 | (20021206) | 391457.26 |
| 3809639.56 | 19.03938 (20021206) |          |            |           |
| 391480.84  | 3809634.32          | 19.41834 | (20021206) | 391504.41 |
| 3809629.07 | 20.59448 (20013022) |          |            |           |
| 391527.98  | 3809623.83          | 22.23028 | (20013022) | 391551.55 |
| 3809618.59 | 23.79578 (20013022) |          |            |           |
| 391575.12  | 3809613.35          | 24.91205 | (20013022) | 391598.69 |
| 3809608.10 | 25.22055 (20013022) |          |            |           |
| 391622.26  | 3809602.86          | 24.54376 | (20013022) | 391645.83 |
| 3809597.62 | 24.66875 (18120918) |          |            |           |
| 391669.40  | 3809592.37          | 24.71728 | (18120918) | 391692.97 |
| 3809587.13 | 24.87591 (18120918) |          |            |           |
| 391716.54  | 3809581.89          | 25.29701 | (18120918) | 391740.11 |
| 3809576.65 | 26.76665 (18120308) |          |            |           |
| 391763.68  | 3809571.40          | 28.60369 | (18120308) | 391787.25 |
| 3809566.16 | 29.98478 (18120308) |          |            |           |
| 391810.82  | 3809560.92          | 31.29586 | (18120308) | 391834.39 |
| 3809555.68 | 32.33220 (18120308) |          |            |           |
| 391857.97  | 3809550.43          | 33.10674 | (18120308) | 391881.54 |
| 3809545.19 | 33.45676 (18120308) |          |            |           |
| 391905.11  | 3809539.95          | 33.40495 | (18120308) | 391928.68 |
| 3809534.70 | 32.82583 (20010220) |          |            |           |
| 391952.25  | 3809529.46          | 33.80042 | (20010220) | 391975.82 |
| 3809524.22 | 33.96275 (20010220) |          |            |           |
| 391999.39  | 3809518.98          | 33.96110 | (17123103) | 392022.96 |
| 3809513.73 | 36.39573 (17123103) |          |            |           |
| 392046.53  | 3809508.49          | 38.67674 | (17123103) | 392070.10 |
| 3809503.25 | 40.04491 (17123103) |          |            |           |
| 392093.67  | 3809498.01          | 40.17211 | (17123103) | 392117.24 |
| 3809492.76 | 39.24190 (17123103) |          |            |           |
| 392140.81  | 3809487.52          | 39.04848 | (17123103) | 392164.38 |
| 3809482.28 | 39.16358 (17123103) |          |            |           |
| 392187.95  | 3809477.04          | 38.61733 | (17123103) | 392211.52 |
| 3809471.79 | 37.30754 (17123103) |          |            |           |
| 392235.10  | 3809466.55          | 37.86560 | (17102717) | 392258.67 |
| 3809461.31 | 41.74184 (17102717) |          |            |           |
| 392282.24  | 3809456.06          | 43.58097 | (17102717) | 392305.81 |
| 3809450.82 | 44.84121 (17102717) |          |            |           |
| 392329.38  | 3809445.58          | 45.53449 | (17102717) | 392352.95 |
| 3809440.34 | 45.63240 (17102717) |          |            |           |
| 392376.52  | 3809435.09          | 45.12956 | (17102717) | 392400.09 |
| 3809429.85 | 44.04470 (17102717) |          |            |           |
| 392423.66  | 3809424.61          | 42.41866 | (17102717) | 392447.23 |
| 3809419.37 | 40.31234 (17102717) |          |            |           |
| 392470.80  | 3809414.12          | 39.63721 | (19020706) | 392494.37 |
| 3809408.88 | 42.33532 (19020706) |          |            |           |
| 392517.94  | 3809403.64          | 44.61904 | (19020706) | 392541.51 |
| 3809398.39 | 46.40306 (19020706) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392565.08  | 3809393.15 | 47.61781   | (19020706) | 392588.65 |
| 3809387.91 | 48.21486   | (19020706) |            |           |
| 392612.22  | 3809382.67 | 48.16942   | (19020706) | 392635.80 |
| 3809377.42 | 47.48166   | (19020706) |            |           |
| 392659.37  | 3809372.18 | 46.17876   | (19020706) | 392682.94 |
| 3809366.94 | 44.31069   | (19020706) |            |           |
| 392706.51  | 3809361.70 | 41.94835   | (19020706) | 392730.08 |
| 3809356.45 | 41.59281   | (17021124) |            |           |
| 392753.65  | 3809351.21 | 44.27631   | (17021124) | 392777.22 |
| 3809345.97 | 46.50128   | (17021124) |            |           |
| 392800.79  | 3809340.73 | 48.18285   | (17021124) | 392824.36 |
| 3809335.48 | 49.25472   | (17021124) |            |           |
| 392847.93  | 3809330.24 | 49.67343   | (17021124) | 392871.50 |
| 3809325.00 | 49.42149   | (17021124) |            |           |
| 392895.07  | 3809319.75 | 48.50815   | (17021124) | 392918.64 |
| 3809314.51 | 46.96971   | (17021124) |            |           |
| 392942.21  | 3809309.27 | 44.86604   | (17021124) | 392965.78 |
| 3809304.03 | 43.17252   | (20031204) |            |           |
| 392989.35  | 3809298.78 | 43.14559   | (20031204) | 393012.93 |
| 3809293.54 | 42.53580   | (20031204) |            |           |
| 393036.50  | 3809288.30 | 41.36771   | (20031204) | 393060.07 |
| 3809283.06 | 39.68729   | (20031204) |            |           |
| 393083.64  | 3809277.81 | 38.57622   | (16102920) | 393107.21 |
| 3809272.57 | 41.63329   | (16102920) |            |           |
| 393130.78  | 3809267.33 | 44.32418   | (16102920) | 393154.35 |
| 3809262.08 | 46.55002   | (16102920) |            |           |
| 393177.92  | 3809256.84 | 48.22525   | (16102920) | 393201.49 |
| 3809251.60 | 49.28395   | (16102920) |            |           |
| 393225.06  | 3809246.36 | 49.68349   | (16102920) | 393248.63 |
| 3809241.11 | 49.40742   | (16102920) |            |           |
| 393272.20  | 3809235.87 | 48.46707   | (16102920) | 393295.77 |
| 3809230.63 | 47.75435   | (16040119) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 661

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 393319.34   | 3809225.39          | 49.01331   | (16040119) | 393342.91   |
| 3809220.14  | 49.62358 (16040119) |            |            |             |
| 393366.48   | 3809214.90          | 49.56061   | (16040119) | 393390.06   |
| 3809209.66  | 48.82665 (16040119) |            |            |             |
| 393413.63   | 3809204.42          | 47.45205   | (16040119) | 393437.20   |
| 3809199.17  | 45.49125 (16040119) |            |            |             |
| 393460.77   | 3809193.93          | 43.02107   | (16040119) | 393484.34   |
| 3809188.69  | 40.13413 (16040119) |            |            |             |
| 393507.91   | 3809183.44          | 41.02500   | (16010219) | 393531.48   |
| 3809178.20  | 43.05363 (16010219) |            |            |             |
| 393555.05   | 3809172.96          | 44.57104   | (16010219) | 393578.62   |
| 3809167.72  | 45.51790 (16010219) |            |            |             |
| 393602.19   | 3809162.47          | 45.85660   | (16010219) | 393625.76   |
| 3809157.23  | 45.57403 (16010219) |            |            |             |
| 393649.33   | 3809151.99          | 44.68206   | (16010219) | 393672.90   |
| 3809146.75  | 43.21690 (16010219) |            |            |             |
| 393696.47   | 3809141.50          | 41.23643   | (16010219) | 393720.04   |
| 3809136.26  | 39.78252 (17012519) |            |            |             |
| 393743.61   | 3809131.02          | 42.69293   | (17012519) | 393767.19   |
| 3809125.77  | 45.19962 (17012519) |            |            |             |
| 393790.76   | 3809120.53          | 47.20787   | (17012519) | 393814.33   |
| 3809115.29  | 48.64249 (17012519) |            |            |             |
| 393837.90   | 3809110.05          | 49.44778   | (17012519) | 393861.47   |
| 3809104.80  | 49.59238 (17012519) |            |            |             |
| 393885.04   | 3809099.56          | 49.07152   | (17012519) | 393908.61   |
| 3809094.32  | 47.90691 (17012519) |            |            |             |
| 393932.18   | 3809089.08          | 46.14545   | (17012519) | 393955.75   |
| 3809083.83  | 43.85588 (17012519) |            |            |             |
| 393979.32   | 3809078.59          | 41.12508   | (17012519) | 394002.89   |
| 3809073.35  | 43.24079 (17121817) |            |            |             |
| 394026.46   | 3809068.11          | 45.58358   | (17121817) | 394050.03   |
| 3809062.86  | 47.41343 (17121817) |            |            |             |
| 394073.60   | 3809057.62          | 48.66132   | (17121817) | 394097.17   |
| 3809052.38  | 49.27968 (17121817) |            |            |             |
| 394120.74   | 3809047.13          | 49.24519   | (17121817) | 394144.32   |
| 3809041.89  | 48.56027 (17121817) |            |            |             |
| 394167.89   | 3809036.65          | 47.25365   | (17121817) | 394191.46   |
| 3809031.41  | 45.37711 (17121817) |            |            |             |
| 394215.03   | 3809026.16          | 43.00265   | (17121817) | 394238.60   |
| 3809020.92  | 40.21843 (17121817) |            |            |             |
| 394262.17   | 3809015.68          | 37.12242   | (17121817) | 394285.74   |
| 3809010.44  | 36.19337 (16012117) |            |            |             |
| 394309.31   | 3809005.19          | 37.53086   | (16012117) | 394332.88   |
| 3808999.95  | 38.40898 (16012117) |            |            |             |
| 394356.45   | 3808994.71          | 39.62070   | (17122407) | 394380.02   |
| 3808989.47  | 42.40885 (17122407) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394403.59  | 3808984.22 | 44.80137   | (17122407) | 394427.16 |
| 3808978.98 | 46.71357   | (17122407) |            |           |
| 394450.73  | 3808973.74 | 48.07597   | (17122407) | 394474.30 |
| 3808968.49 | 48.83845   | (17122407) |            |           |
| 394497.87  | 3808963.25 | 48.97357   | (17122407) | 394521.45 |
| 3808958.01 | 48.47754   | (17122407) |            |           |
| 394545.02  | 3808952.77 | 47.37156   | (17122407) | 394568.59 |
| 3808947.52 | 45.69910   | (17122407) |            |           |
| 394592.16  | 3808942.28 | 43.52396   | (17122407) | 394615.73 |
| 3808937.04 | 40.92559   | (17122407) |            |           |
| 394639.30  | 3808931.80 | 42.05987   | (18061202) | 394662.87 |
| 3808926.55 | 44.37539   | (18061202) |            |           |
| 394686.44  | 3808921.31 | 46.22316   | (18061202) | 394710.01 |
| 3808916.07 | 47.53778   | (18061202) |            |           |
| 394733.58  | 3808910.82 | 48.27235   | (18061202) | 394757.15 |
| 3808905.58 | 48.40144   | (18061202) |            |           |
| 394780.72  | 3808900.34 | 47.92222   | (18061202) | 394804.29 |
| 3808895.10 | 46.85468   | (18061202) |            |           |
| 394827.86  | 3808889.85 | 45.24020   | (18061202) | 394851.43 |
| 3808884.61 | 43.36678   | (20113008) |            |           |
| 394875.00  | 3808879.37 | 43.78386   | (20113008) | 394898.57 |
| 3808874.13 | 43.65715   | (20113008) |            |           |
| 394922.15  | 3808868.88 | 42.99289   | (20113008) | 394945.72 |
| 3808863.64 | 41.81813   | (20113008) |            |           |
| 394969.29  | 3808858.40 | 40.17695   | (20113008) | 394992.86 |
| 3808853.16 | 38.12884   | (20113008) |            |           |
| 395016.43  | 3808847.91 | 39.77522   | (16010220) | 395040.00 |
| 3808842.67 | 42.28353   | (16010220) |            |           |
| 395063.57  | 3808837.43 | 44.40037   | (16010220) | 395087.14 |
| 3808832.18 | 46.05542   | (16010220) |            |           |
| 395110.71  | 3808826.94 | 47.19304   | (16010220) | 395134.28 |
| 3808821.70 | 47.77491   | (16010220) |            |           |
| 395157.85  | 3808816.46 | 47.78252   | (16010220) | 395181.42 |
| 3808811.21 | 47.21795   | (16010220) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 662

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|--------------------|------------|-------------|
| 395204.99                  | 3808805.97          | 46.10390           | (16010220) | 395228.56   |
| 3808800.73                 | 44.48177 (16010220) |                    |            |             |
| 395252.13                  | 3808795.49          | 42.40943           | (16010220) | 395275.70   |
| 3808790.24                 | 39.95770 (16010220) |                    |            |             |
| 395299.28                  | 3808785.00          | 40.99389           | (16120407) | 395322.85   |
| 3808779.76                 | 43.20326 (16120407) |                    |            |             |
| 395346.42                  | 3808774.51          | 44.99488           | (16120407) | 395369.99   |
| 3808769.27                 | 46.31118 (16120407) |                    |            |             |
| 395393.56                  | 3808764.03          | 47.10945           | (16120407) | 395417.13   |
| 3808758.79                 | 47.36461 (16120407) |                    |            |             |
| 395440.70                  | 3808753.54          | 47.07034           | (16120407) | 395464.27   |
| 3808748.30                 | 46.23954 (16120407) |                    |            |             |
| 395487.84                  | 3808743.06          | 44.90305           | (16120407) | 395511.41   |
| 3808737.82                 | 43.10803 (16120407) |                    |            |             |
| 395534.98                  | 3808732.57          | 40.91517           | (16120407) | 395558.55   |
| 3808727.33                 | 38.39530 (16120407) |                    |            |             |
| 395582.12                  | 3808722.09          | 35.62563           | (16120407) | 395605.69   |
| 3808716.85                 | 32.68598 (16120407) |                    |            |             |
| 395629.26                  | 3808711.60          | 32.53300           | (20031107) | 395652.83   |
| 3808706.36                 | 33.32881 (20031107) |                    |            |             |
| 395676.41                  | 3808701.12          | 33.76195           | (20031107) | 395699.98   |
| 3808695.87                 | 33.81952 (20031107) |                    |            |             |
| 395723.55                  | 3808690.63          | 33.50195           | (20031107) | 395747.12   |
| 3808685.39                 | 32.82163 (20031107) |                    |            |             |
| 395770.69                  | 3808680.15          | 33.74651           | (17031703) | 395794.26   |
| 3808674.90                 | 34.53278 (17031703) |                    |            |             |
| 395817.83                  | 3808669.66          | 34.95066           | (17031703) | 395841.40   |
| 3808664.42                 | 34.98851 (17031703) |                    |            |             |
| 395864.97                  | 3808659.18          | 34.64719           | (17031703) | 395888.54   |
| 3808653.93                 | 36.03226 (16022404) |                    |            |             |
| 395912.11                  | 3808648.69          | 37.26082           | (16022404) | 395935.68   |
| 3808643.45                 | 38.11688 (16022404) |                    |            |             |
| 395959.25                  | 3808638.20          | 38.57558           | (16022404) | 395982.82   |
| 3808632.96                 | 38.62483 (16022404) |                    |            |             |
| 396006.39                  | 3808627.72          | 40.09344           | (20021818) | 396029.96   |
| 3808622.48                 | 41.91285 (20021818) |                    |            |             |
| 396053.54                  | 3808617.23          | 43.35244           | (20021818) | 396077.11   |
| 3808611.99                 | 44.37007 (20021818) |                    |            |             |
| 396100.68                  | 3808606.75          | 44.93762           | (20021818) | 396124.25   |
| 3808601.51                 | 45.04023 (20021818) |                    |            |             |
| 396147.82                  | 3808596.26          | 44.67747           | (20021818) | 396171.39   |
| 3808591.02                 | 43.86332 (20021818) |                    |            |             |
| 396194.96                  | 3808585.78          | 43.33009           | (16010907) | 396218.53   |
| 3808580.54                 | 44.40385 (16010907) |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396242.10  | 3808575.29 | 45.04091   | (16010907) | 396265.67 |
| 3808570.05 | 45.22504   | (16010907) |            |           |
| 396289.24  | 3808564.81 | 44.95336   | (16010907) | 396312.81 |
| 3808559.56 | 44.23681   | (16010907) |            |           |
| 396336.38  | 3808554.32 | 43.09940   | (16010907) | 396359.95 |
| 3808549.08 | 43.72357   | (18020908) |            |           |
| 396383.52  | 3808543.84 | 44.45433   | (18020908) | 396407.09 |
| 3808538.59 | 44.75166   | (18020908) |            |           |
| 396430.67  | 3808533.35 | 44.60968   | (18020908) | 396454.24 |
| 3808528.11 | 44.03530   | (18020908) |            |           |
| 396477.81  | 3808522.87 | 43.04794   | (18020908) | 387008.86 |
| 3815843.29 | 36.75306   | (16060403) |            |           |
| 387007.85  | 3815867.50 | 36.07259   | (16060403) | 387006.83 |
| 3815891.71 | 34.17747   | (16060403) |            |           |
| 387005.82  | 3815915.91 | 32.28139   | (16060403) | 387004.81 |
| 3815940.12 | 30.56860   | (17122717) |            |           |
| 387003.79  | 3815964.33 | 30.12505   | (17122717) | 387002.78 |
| 3815988.53 | 29.30012   | (17122717) |            |           |
| 385687.84  | 3815766.04 | 37.39008   | (16060403) | 385698.98 |
| 3815744.56 | 37.17940   | (16060403) |            |           |
| 385710.12  | 3815723.08 | 36.44320   | (16060403) | 385721.27 |
| 3815701.60 | 34.63109   | (16060403) |            |           |
| 385732.41  | 3815680.12 | 31.74132   | (16060403) | 385743.55 |
| 3815658.64 | 30.48971   | (19020106) |            |           |
| 385754.70  | 3815637.15 | 29.10350   | (19020106) | 385765.84 |
| 3815615.67 | 28.18614   | (19020106) |            |           |
| 385776.99  | 3815594.19 | 26.51757   | (19020106) | 385788.13 |
| 3815572.71 | 24.93050   | (19020106) |            |           |
| 385799.27  | 3815551.23 | 23.70460   | (19020106) | 385810.42 |
| 3815529.75 | 21.85014   | (19020106) |            |           |
| 385821.56  | 3815508.27 | 21.63036   | (17122417) | 385832.70 |
| 3815486.78 | 21.32694   | (17122417) |            |           |
| 385843.85  | 3815465.30 | 20.16482   | (17122417) | 385854.99 |
| 3815443.82 | 19.76672   | (17122417) |            |           |
| 385866.13  | 3815422.34 | 20.46977   | (17122417) | 385877.28 |
| 3815400.86 | 21.39256   | (16012217) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 663

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL                      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |           | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------|---------------------|------------|----------|------------|-------------|
| -----                      |           |                     |            |          |            |             |
|                            | 385888.42 | 3815379.38          |            | 22.41822 | (16012217) | 385899.56   |
| 3815357.89                 |           | 23.57317            | (16012217) |          |            |             |
|                            | 385910.71 | 3815336.41          |            | 25.12001 | (16012217) | 385921.85   |
| 3815314.93                 |           | 26.30006            | (16012217) |          |            |             |
|                            | 385933.00 | 3815293.45          |            | 26.29840 | (16012217) | 385944.14   |
| 3815271.97                 |           | 23.82517            | (16012217) |          |            |             |
|                            | 385955.28 | 3815250.49          |            | 20.92638 | (16012217) | 385966.43   |
| 3815229.00                 |           | 18.51367            | (16012217) |          |            |             |
|                            | 385977.57 | 3815207.52          |            | 17.42391 | (18091705) | 385988.71   |
| 3815186.04                 |           | 17.21046            | (18091705) |          |            |             |
|                            | 385999.86 | 3815164.56          |            | 16.75342 | (18091705) | 386011.00   |
| 3815143.08                 |           | 15.78490            | (18091705) |          |            |             |
|                            | 386022.14 | 3815121.60          |            | 15.49890 | (20091204) | 386033.29   |
| 3815100.12                 |           | 15.91505            | (20091204) |          |            |             |
|                            | 386044.43 | 3815078.63          |            | 18.10458 | (20091204) | 386055.58   |
| 3815057.15                 |           | 21.36486            | (20091204) |          |            |             |
|                            | 386066.72 | 3815035.67          |            | 25.25226 | (20091204) | 386077.86   |
| 3815014.19                 |           | 29.57396            | (20091204) |          |            |             |
|                            | 386089.01 | 3814992.71          |            | 33.32825 | (20091204) | 386100.15   |
| 3814971.23                 |           | 36.13971            | (20091204) |          |            |             |
|                            | 386111.29 | 3814949.74          |            | 37.22500 | (20091204) | 386122.44   |
| 3814928.26                 |           | 36.88774            | (20122517) |          |            |             |
|                            | 386133.58 | 3814906.78          |            | 37.08029 | (20122517) | 386144.72   |
| 3814885.30                 |           | 36.83041            | (20122517) |          |            |             |
|                            | 386155.87 | 3814863.82          |            | 37.31355 | (20122517) | 386167.01   |
| 3814842.34                 |           | 37.51522            | (20122517) |          |            |             |
|                            | 386178.16 | 3814820.85          |            | 36.83242 | (20122517) | 386189.30   |
| 3814799.37                 |           | 35.83494            | (20122517) |          |            |             |
|                            | 386200.44 | 3814777.89          |            | 35.17359 | (17010723) | 386211.59   |
| 3814756.41                 |           | 35.70122            | (17010723) |          |            |             |
|                            | 386222.73 | 3814734.93          |            | 35.90730 | (17010723) | 386233.87   |
| 3814713.45                 |           | 35.78495            | (17010723) |          |            |             |
|                            | 386245.02 | 3814691.96          |            | 35.33589 | (17010723) | 386256.16   |
| 3814670.48                 |           | 34.57148            | (17010723) |          |            |             |
|                            | 386267.30 | 3814649.00          |            | 33.51106 | (17010723) | 386278.45   |
| 3814627.52                 |           | 33.62826            | (16122303) |          |            |             |
|                            | 386289.59 | 3814606.04          |            | 34.01318 | (16122303) | 386300.73   |
| 3814584.56                 |           | 34.08336            | (16122303) |          |            |             |
|                            | 386311.88 | 3814563.08          |            | 35.26127 | (17022607) | 386323.02   |
| 3814541.59                 |           | 36.87676            | (17022607) |          |            |             |
|                            | 386334.17 | 3814520.11          |            | 38.20626 | (17022607) | 386345.31   |
| 3814498.63                 |           | 39.21326            | (17022607) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386356.45  | 3814477.15 | 39.65563   | (17022607) | 386367.60 |
| 3814455.67 | 37.74794   | (17022607) |            |           |
| 386378.74  | 3814434.19 | 33.80451   | (17022607) | 386389.88 |
| 3814412.70 | 29.46557   | (17022607) |            |           |
| 386401.03  | 3814391.22 | 25.48057   | (17022607) | 386412.17 |
| 3814369.74 | 20.35523   | (17022607) |            |           |
| 386423.31  | 3814348.26 | 16.11316   | (17022607) | 386434.46 |
| 3814326.78 | 12.57243   | (17022607) |            |           |
| 386445.60  | 3814305.30 | 10.60266   | (19012207) | 386456.75 |
| 3814283.81 | 8.80178    | (19012207) |            |           |
| 386467.89  | 3814262.33 | 7.47051    | (19010507) | 386479.03 |
| 3814240.85 | 6.57712    | (19010507) |            |           |
| 386490.18  | 3814219.37 | 5.67760    | (19010507) | 386501.32 |
| 3814197.89 | 4.99852    | (19010507) |            |           |
| 386512.46  | 3814176.41 | 4.71656    | (19010507) | 386523.61 |
| 3814154.93 | 5.39944    | (19010507) |            |           |
| 386534.75  | 3814133.44 | 6.52594    | (19010507) | 386545.89 |
| 3814111.96 | 7.62256    | (19010507) |            |           |
| 386557.04  | 3814090.48 | 7.48112    | (17030404) | 386568.18 |
| 3814069.00 | 7.58956    | (17030404) |            |           |
| 386579.33  | 3814047.52 | 8.09294    | (17030404) | 386590.47 |
| 3814026.04 | 9.23466    | (16103004) |            |           |
| 386601.61  | 3814004.55 | 10.48306   | (16103004) | 386612.76 |
| 3813983.07 | 11.54237   | (16103004) |            |           |
| 386623.90  | 3813961.59 | 12.34463   | (16103004) | 386635.04 |
| 3813940.11 | 11.88635   | (16103004) |            |           |
| 386646.19  | 3813918.63 | 11.04856   | (16103004) | 386657.33 |
| 3813897.15 | 10.40823   | (19091724) |            |           |
| 386668.47  | 3813875.66 | 9.89916    | (19091724) | 386679.62 |
| 3813854.18 | 9.09257    | (19091724) |            |           |
| 386690.76  | 3813832.70 | 7.89589    | (19091724) | 386701.91 |
| 3813811.22 | 6.70341    | (19122522) |            |           |
| 386713.05  | 3813789.74 | 5.67069    | (19122522) | 386724.19 |
| 3813768.26 | 5.20259    | (19122522) |            |           |
| 386735.34  | 3813746.78 | 5.62422    | (19122522) | 386746.48 |
| 3813725.29 | 5.81841    | (19122522) |            |           |
| 386757.62  | 3813703.81 | 6.21887    | (19012818) | 386768.77 |
| 3813682.33 | 7.30020    | (19012818) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 664

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 386779.91   | 3813660.85  | 9.04724        | (19012818) | 386791.05          |  |
| 3813639.37  | 11.02983    | (19012818)     |            |                    |  |
| 386802.20   | 3813617.89  | 13.19986       | (20010718) | 386813.34          |  |
| 3813596.40  | 15.89200    | (20010718)     |            |                    |  |
| 386824.48   | 3813574.92  | 18.82818       | (20010718) | 386835.63          |  |
| 3813553.44  | 21.91413    | (20010718)     |            |                    |  |
| 386846.77   | 3813531.96  | 25.25667       | (20010718) | 386857.92          |  |
| 3813510.48  | 27.71914    | (20010718)     |            |                    |  |
| 386869.06   | 3813489.00  | 29.81282       | (20010718) | 386880.20          |  |
| 3813467.51  | 32.83575    | (18012217)     |            |                    |  |
| 386891.35   | 3813446.03  | 36.73898       | (18012217) | 386902.49          |  |
| 3813424.55  | 39.83333    | (18012217)     |            |                    |  |
| 386913.63   | 3813403.07  | 40.78618       | (18012217) | 386924.78          |  |
| 3813381.59  | 41.32846    | (18012217)     |            |                    |  |
| 386935.92   | 3813360.11  | 41.44237       | (18012217) | 386947.06          |  |
| 3813338.62  | 41.12358    | (18012217)     |            |                    |  |
| 386958.21   | 3813317.14  | 40.38150       | (18012217) | 386969.35          |  |
| 3813295.66  | 39.23847    | (18012217)     |            |                    |  |
| 386980.50   | 3813274.18  | 37.87093       | (19091802) | 386991.64          |  |
| 3813252.70  | 38.44357    | (19091802)     |            |                    |  |
| 387002.78   | 3813231.22  | 38.61646       | (19091802) | 387013.93          |  |
| 3813209.74  | 38.38357    | (19091802)     |            |                    |  |
| 387025.07   | 3813188.25  | 38.04352       | (17092818) | 387036.21          |  |
| 3813166.77  | 39.50598    | (17092818)     |            |                    |  |
| 387047.36   | 3813145.29  | 40.59415       | (17092818) | 387058.50          |  |
| 3813123.81  | 41.27360    | (17092818)     |            |                    |  |
| 387069.64   | 3813102.33  | 41.52282       | (17092818) | 387080.79          |  |
| 3813080.85  | 41.33342    | (17092818)     |            |                    |  |
| 387091.93   | 3813059.36  | 40.71050       | (17092818) | 387103.08          |  |
| 3813037.88  | 39.67357    | (17092818)     |            |                    |  |
| 387114.22   | 3813016.40  | 38.25436       | (17092818) | 387125.36          |  |
| 3812994.92  | 36.49549    | (17092818)     |            |                    |  |
| 387136.51   | 3812973.44  | 34.44821       | (17092818) | 387147.65          |  |
| 3812951.96  | 36.00425    | (20021303)     |            |                    |  |
| 387158.79   | 3812930.47  | 37.89761       | (20021303) | 387169.94          |  |
| 3812908.99  | 39.46776    | (20021303)     |            |                    |  |
| 387181.08   | 3812887.51  | 40.66723       | (20021303) | 387192.22          |  |
| 3812866.03  | 41.45902    | (20021303)     |            |                    |  |
| 387203.37   | 3812844.55  | 41.81804       | (20021303) | 387214.51          |  |
| 3812823.07  | 41.73239    | (20021303)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387225.65  | 3812801.59 | 41.20464   | (20021303) | 387236.80 |
| 3812780.10 | 40.25065   | (20021303) |            |           |
| 387247.94  | 3812758.62 | 38.90104   | (20021303) | 387259.09 |
| 3812737.14 | 37.19638   | (20021303) |            |           |
| 387270.23  | 3812715.66 | 36.19943   | (19083005) | 387281.37 |
| 3812694.18 | 36.16548   | (19083005) |            |           |
| 387292.52  | 3812672.70 | 35.74713   | (19083005) | 387303.66 |
| 3812651.21 | 34.95722   | (19083005) |            |           |
| 387314.80  | 3812629.73 | 33.97148   | (18010520) | 387325.95 |
| 3812608.25 | 34.71075   | (18010520) |            |           |
| 387337.09  | 3812586.77 | 35.08843   | (18010520) | 387348.23 |
| 3812565.29 | 35.09269   | (18010520) |            |           |
| 387359.38  | 3812543.81 | 34.72328   | (18010520) | 387370.52 |
| 3812522.32 | 33.99162   | (18010520) |            |           |
| 387381.67  | 3812500.84 | 32.92111   | (18010520) | 387392.81 |
| 3812479.36 | 31.54491   | (18010520) |            |           |
| 387403.95  | 3812457.88 | 29.90435   | (18010520) | 387415.10 |
| 3812436.40 | 29.68418   | (18050705) |            |           |
| 387426.24  | 3812414.92 | 29.40249   | (18050705) | 387437.38 |
| 3812393.43 | 28.14871   | (18050705) |            |           |
| 387448.53  | 3812371.95 | 25.99357   | (18050705) | 387459.67 |
| 3812350.47 | 24.88973   | (17031506) |            |           |
| 387470.81  | 3812328.99 | 25.15248   | (17031506) | 387481.96 |
| 3812307.51 | 25.70660   | (17031506) |            |           |
| 387493.10  | 3812286.03 | 27.56502   | (20030124) | 387504.25 |
| 3812264.55 | 28.43725   | (20030124) |            |           |
| 387515.39  | 3812243.06 | 27.76178   | (20030124) | 387526.53 |
| 3812221.58 | 25.09633   | (20030124) |            |           |
| 387537.68  | 3812200.10 | 22.59088   | (20030124) | 387548.82 |
| 3812178.62 | 19.41479   | (20030124) |            |           |
| 387559.96  | 3812157.14 | 16.41309   | (20030124) | 387571.11 |
| 3812135.66 | 13.55717   | (20030124) |            |           |
| 387582.25  | 3812114.17 | 11.69393   | (17101018) | 387593.39 |
| 3812092.69 | 9.61529    | (17101018) |            |           |
| 387604.54  | 3812071.21 | 7.45648    | (17101018) | 387615.68 |
| 3812049.73 | 6.28957    | (17101018) |            |           |
| 387626.83  | 3812028.25 | 5.14761    | (17101018) | 387637.97 |
| 3812006.77 | 4.49774    | (17101018) |            |           |
| 387649.11  | 3811985.28 | 4.03782    | (20120417) | 387660.26 |
| 3811963.80 | 3.86538    | (20120417) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 665

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387671.40   | 3811942.32         | 3.55828    | (20120417) | 387682.54   |
| 3811920.84  | 3.17145 (20120417) |            |            |             |
| 387693.69   | 3811899.36         | 2.77684    | (16072106) | 387704.83   |
| 3811877.88  | 2.44864 (16072106) |            |            |             |
| 387715.97   | 3811856.40         | 2.11989    | (16072106) | 387727.12   |
| 3811834.91  | 1.74416 (16072106) |            |            |             |
| 387738.26   | 3811813.43         | 1.64075    | (16072106) | 387749.40   |
| 3811791.95  | 1.69038 (16072106) |            |            |             |
| 387760.55   | 3811770.47         | 1.79130    | (16072106) | 387771.69   |
| 3811748.99  | 1.83893 (16072106) |            |            |             |
| 387782.84   | 3811727.51         | 1.78475    | (16072106) | 387793.98   |
| 3811706.02  | 1.64991 (19102117) |            |            |             |
| 387805.12   | 3811684.54         | 1.63429    | (19102117) | 387816.27   |
| 3811663.06  | 1.61130 (19102117) |            |            |             |
| 387827.41   | 3811641.58         | 1.58386    | (19102117) | 387838.55   |
| 3811620.10  | 1.55380 (19102117) |            |            |             |
| 387849.70   | 3811598.62         | 1.52135    | (19102117) | 387860.84   |
| 3811577.13  | 1.48762 (19102117) |            |            |             |
| 387871.98   | 3811555.65         | 1.49328    | (19020717) | 387883.13   |
| 3811534.17  | 1.50518 (19020717) |            |            |             |
| 387894.27   | 3811512.69         | 1.51284    | (19020717) | 387905.42   |
| 3811491.21  | 1.51813 (19020717) |            |            |             |
| 387916.56   | 3811469.73         | 1.51944    | (19020717) | 387927.70   |
| 3811448.25  | 1.52267 (19020717) |            |            |             |
| 387938.85   | 3811426.76         | 1.51612    | (19020717) | 387949.99   |
| 3811405.28  | 1.50606 (19020717) |            |            |             |
| 387961.13   | 3811383.80         | 1.49383    | (19020717) | 387972.28   |
| 3811362.32  | 1.47617 (19020717) |            |            |             |
| 387983.42   | 3811340.84         | 1.45650    | (19020717) | 387994.56   |
| 3811319.36  | 1.44116 (19020717) |            |            |             |
| 388005.71   | 3811297.87         | 1.42784    | (19020717) | 388016.85   |
| 3811276.39  | 1.40961 (19020717) |            |            |             |
| 388028.00   | 3811254.91         | 1.38738    | (19020717) | 388039.14   |
| 3811233.43  | 1.36310 (19020717) |            |            |             |
| 388050.28   | 3811211.95         | 1.33891    | (19020717) | 388061.43   |
| 3811190.47  | 1.32175 (20090907) |            |            |             |
| 388072.57   | 3811168.98         | 1.31623    | (20090907) | 388083.71   |
| 3811147.50  | 1.30930 (20090907) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388094.86  | 3811126.02         | 1.30097 | (20090907) | 388106.00 |
| 3811104.54 | 1.29129 (20090907) |         |            |           |
| 388117.14  | 3811083.06         | 1.28028 | (20090907) | 388128.29 |
| 3811061.58 | 1.26799 (20090907) |         |            |           |
| 388139.43  | 3811040.09         | 1.25445 | (20090907) | 388150.57 |
| 3811018.61 | 1.24533 (16121716) |         |            |           |
| 388161.72  | 3810997.13         | 1.28255 | (16121716) | 388172.86 |
| 3810975.65 | 1.31021 (16121716) |         |            |           |
| 388184.01  | 3810954.17         | 1.34002 | (16121716) | 388195.15 |
| 3810932.69 | 1.36073 (16121716) |         |            |           |
| 388206.29  | 3810911.21         | 1.38128 | (16121716) | 388217.44 |
| 3810889.72 | 1.39823 (16121716) |         |            |           |
| 388228.58  | 3810868.24         | 1.41417 | (16121716) | 388239.72 |
| 3810846.76 | 1.41929 (16121716) |         |            |           |
| 388250.87  | 3810825.28         | 1.41536 | (16121716) | 388262.01 |
| 3810803.80 | 1.40760 (16121716) |         |            |           |
| 388273.15  | 3810782.32         | 1.39363 | (16121716) | 388284.30 |
| 3810760.83 | 1.38599 (16121716) |         |            |           |
| 388295.44  | 3810739.35         | 1.38609 | (16121716) | 388306.59 |
| 3810717.87 | 1.39219 (16121716) |         |            |           |
| 388317.73  | 3810696.39         | 1.39214 | (16121716) | 388328.87 |
| 3810674.91 | 1.38107 (16121716) |         |            |           |
| 388340.02  | 3810653.43         | 1.35028 | (16121716) | 388351.16 |
| 3810631.94 | 1.32766 (16121716) |         |            |           |
| 388362.30  | 3810610.46         | 1.32599 | (18050318) | 388373.45 |
| 3810588.98 | 1.31131 (18050318) |         |            |           |
| 388384.59  | 3810567.50         | 1.29010 | (18050318) | 388395.73 |
| 3810546.02 | 1.26665 (18050318) |         |            |           |
| 388406.88  | 3810524.54         | 1.25437 | (18050318) | 388418.02 |
| 3810503.06 | 1.29873 (18030619) |         |            |           |
| 388429.17  | 3810481.57         | 1.37698 | (18030619) | 388440.31 |
| 3810460.09 | 1.44254 (17120408) |         |            |           |
| 388451.45  | 3810438.61         | 1.49324 | (17120408) | 388462.60 |
| 3810417.13 | 1.50821 (17120408) |         |            |           |
| 388473.74  | 3810395.65         | 1.59106 | (19011017) | 388484.88 |
| 3810374.17 | 1.52659 (19011017) |         |            |           |
| 388496.03  | 3810352.68         | 1.46030 | (19011017) | 388507.17 |
| 3810331.20 | 1.42927 (19011017) |         |            |           |
| 388518.31  | 3810309.72         | 1.48180 | (19011017) | 388529.46 |
| 3810288.24 | 1.54447 (19011017) |         |            |           |
| 388540.60  | 3810266.76         | 1.59923 | (19011017) | 388551.75 |
| 3810245.28 | 1.63550 (19011017) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                     | IN MICROGRAMS/M**3 |            |             |
|----------------|---------------------|--------------------|------------|-------------|
| **             |                     |                    |            |             |
| X-COORD (M)    | Y-COORD (M)         | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC                | (YYMMDDHH)         |            |             |
| -----          |                     |                    |            |             |
| 388562.89      | 3810223.79          | 1.68927            | (19011017) | 388574.03   |
| 3810202.31     | 1.73413 (17012518)  |                    |            |             |
| 388585.18      | 3810180.83          | 1.80651            | (17012518) | 388596.32   |
| 3810159.35     | 1.88661 (17012518)  |                    |            |             |
| 388607.46      | 3810137.87          | 1.97681            | (17012518) | 388618.61   |
| 3810116.39     | 2.06915 (17012518)  |                    |            |             |
| 388629.75      | 3810094.90          | 2.13095            | (17012518) | 388640.89   |
| 3810073.42     | 2.18808 (17012518)  |                    |            |             |
| 388652.04      | 3810051.94          | 2.24392            | (17012518) | 388663.18   |
| 3810030.46     | 2.34672 (17012518)  |                    |            |             |
| 388674.32      | 3810008.98          | 2.48655            | (17012518) | 388685.47   |
| 3809987.50     | 2.72932 (17011307)  |                    |            |             |
| 388696.61      | 3809966.02          | 3.03816            | (17011307) | 388707.76   |
| 3809944.53     | 3.15594 (17011307)  |                    |            |             |
| 388718.90      | 3809923.05          | 3.20851            | (17011307) | 388730.04   |
| 3809901.57     | 3.26992 (17011307)  |                    |            |             |
| 388741.19      | 3809880.09          | 3.24832            | (17011307) | 388752.33   |
| 3809858.61     | 3.22757 (17011307)  |                    |            |             |
| 388763.47      | 3809837.13          | 3.32419            | (17011307) | 388774.62   |
| 3809815.64     | 3.59008 (17011307)  |                    |            |             |
| 388785.76      | 3809794.16          | 3.82533            | (18010221) | 388796.90   |
| 3809772.68     | 3.84744 (18010221)  |                    |            |             |
| 388808.05      | 3809751.20          | 4.65444            | (18010221) | 388819.19   |
| 3809729.72     | 5.75827 (18010221)  |                    |            |             |
| 388830.34      | 3809708.24          | 6.18911            | (18010221) | 388841.48   |
| 3809686.75     | 5.28571 (18010221)  |                    |            |             |
| 388852.62      | 3809665.27          | 5.52697            | (18010221) | 388863.77   |
| 3809643.79     | 5.79482 (18032807)  |                    |            |             |
| 388874.91      | 3809622.31          | 5.25021            | (18032807) | 388886.05   |
| 3809600.83     | 5.42310 (18032807)  |                    |            |             |
| 388897.20      | 3809579.35          | 6.59493            | (18032807) | 388908.34   |
| 3809557.87     | 9.33329 (18032807)  |                    |            |             |
| 388919.48      | 3809536.38          | 12.93171           | (18032807) | 388930.63   |
| 3809514.90     | 16.91964 (18032807) |                    |            |             |
| 388941.77      | 3809493.42          | 20.38974           | (18032807) | 388952.92   |
| 3809471.94     | 22.67258 (18032807) |                    |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389702.62   | 3808792.10  | 28.70052   | (17021606) | 389726.25   |
| 3808786.85  | 28.93043    | (17021606) |            |             |
| 389749.87   | 3808781.60  | 28.93112   | (17021606) | 389773.49   |
| 3808776.34  | 28.70141    | (17021606) |            |             |
| 389797.11   | 3808771.09  | 28.24580   | (17021606) | 389820.74   |
| 3808765.83  | 27.57339    | (17021606) |            |             |
| 389844.36   | 3808760.58  | 26.69979   | (17021606) | 389867.98   |
| 3808755.32  | 25.64352    | (17021606) |            |             |
| 389891.61   | 3808750.07  | 24.42771   | (17021606) | 389915.23   |
| 3808744.82  | 23.07894    | (17021606) |            |             |
| 389938.85   | 3808739.56  | 21.62436   | (17021606) | 389962.47   |
| 3808734.31  | 22.05270    | (20121922) |            |             |
| 389986.10   | 3808729.05  | 24.17027   | (20121922) | 390009.72   |
| 3808723.80  | 26.27419    | (20121922) |            |             |
| 390033.34   | 3808718.55  | 28.32789   | (20121922) | 390056.96   |
| 3808713.29  | 30.29183    | (20121922) |            |             |
| 390080.59   | 3808708.04  | 32.12505   | (20121922) | 390104.21   |
| 3808702.78  | 33.78656    | (20121922) |            |             |
| 390127.83   | 3808697.53  | 35.23799   | (20121922) | 390151.45   |
| 3808692.27  | 36.44483    | (20121922) |            |             |
| 390175.08   | 3808687.02  | 37.37662   | (20121922) | 390198.70   |
| 3808681.77  | 38.00856    | (20121922) |            |             |
| 390222.32   | 3808676.51  | 38.32377   | (20121922) | 390245.95   |
| 3808671.26  | 38.31267    | (20121922) |            |             |
| 390269.57   | 3808666.00  | 37.97397   | (20121922) | 390293.19   |
| 3808660.75  | 37.31518    | (20121922) |            |             |
| 390316.81   | 3808655.49  | 36.35127   | (20121922) | 390340.44   |
| 3808650.24  | 35.10516    | (20121922) |            |             |
| 390364.06   | 3808644.99  | 33.60709   | (20121922) | 390387.68   |
| 3808639.73  | 31.89123    | (20121922) |            |             |
| 390411.30   | 3808634.48  | 29.99756   | (20121922) | 390434.93   |
| 3808629.22  | 29.27327    | (16011701) |            |             |
| 390458.55   | 3808623.97  | 28.70945   | (16011701) | 390482.17   |
| 3808618.71  | 28.58235    | (18092722) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390505.80  | 3808613.46 | 29.23321   | (18092722) | 390529.42 |
| 3808608.21 | 29.63511   | (18092722) |            |           |
| 390553.04  | 3808602.95 | 29.77666   | (18092722) | 390576.66 |
| 3808597.70 | 29.65306   | (18092722) |            |           |
| 390600.29  | 3808592.44 | 29.26620   | (18092722) | 390623.91 |
| 3808587.19 | 28.62583   | (18092722) |            |           |
| 390647.53  | 3808581.93 | 27.74740   | (18092722) | 390671.15 |
| 3808576.68 | 26.65322   | (18092722) |            |           |
| 390694.78  | 3808571.43 | 25.36952   | (18092722) | 390718.40 |
| 3808566.17 | 24.45751   | (20021206) |            |           |
| 390742.02  | 3808560.92 | 25.79826   | (20021206) | 390765.64 |
| 3808555.66 | 26.96674   | (20021206) |            |           |
| 390789.27  | 3808550.41 | 27.93257   | (20021206) | 390812.89 |
| 3808545.15 | 28.66925   | (20021206) |            |           |
| 390836.51  | 3808539.90 | 29.15638   | (20021206) | 390860.14 |
| 3808534.65 | 29.37993   | (20021206) |            |           |
| 390883.76  | 3808529.39 | 29.33251   | (20021206) | 390907.38 |
| 3808524.14 | 29.01470   | (20021206) |            |           |
| 390931.00  | 3808518.88 | 30.04475   | (20013022) | 390954.63 |
| 3808513.63 | 31.01055   | (20013022) |            |           |
| 390978.25  | 3808508.37 | 31.71017   | (20013022) | 391001.87 |
| 3808503.12 | 32.12372   | (20013022) |            |           |
| 391025.49  | 3808497.87 | 32.23880   | (20013022) | 391049.12 |
| 3808492.61 | 32.05094   | (20013022) |            |           |
| 391072.74  | 3808487.36 | 31.56467   | (20013022) | 391096.36 |
| 3808482.10 | 31.89878   | (18120918) |            |           |
| 391119.99  | 3808476.85 | 32.78499   | (18120918) | 391143.61 |
| 3808471.59 | 33.37747   | (18120918) |            |           |
| 391167.23  | 3808466.34 | 33.65889   | (18120918) | 391190.85 |
| 3808461.09 | 34.23412   | (18120308) |            |           |
| 391214.48  | 3808455.83 | 36.03501   | (18120308) | 391238.10 |
| 3808450.58 | 37.56894   | (18120308) |            |           |
| 391261.72  | 3808445.32 | 38.79490   | (18120308) | 391285.34 |
| 3808440.07 | 39.67765   | (18120308) |            |           |
| 391308.97  | 3808434.81 | 40.19149   | (18120308) | 391332.59 |
| 3808429.56 | 40.32010   | (18120308) |            |           |
| 391356.21  | 3808424.31 | 40.05898   | (18120308) | 391379.83 |
| 3808419.05 | 39.41436   | (18120308) |            |           |
| 391403.46  | 3808413.80 | 38.40355   | (18120308) | 391427.08 |
| 3808408.54 | 37.05456   | (18120308) |            |           |
| 391450.70  | 3808403.29 | 35.40428   | (18120308) | 391474.33 |
| 3808398.03 | 35.10574   | (20010220) |            |           |
| 391497.95  | 3808392.78 | 35.01455   | (20010220) | 391521.57 |
| 3808387.53 | 35.56254   | (17123103) |            |           |
| 391545.19  | 3808382.27 | 37.03218   | (17123103) | 391568.82 |
| 3808377.02 | 38.18517   | (17123103) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391592.44   | 3808371.76  | 38.98712   | (17123103) | 391616.06   |
| 3808366.51  | 39.41419    | (17123103) |            |             |
| 391639.68   | 3808361.25  | 39.45289   | (17123103) | 391663.31   |
| 3808356.00  | 39.10102    | (17123103) |            |             |
| 391686.93   | 3808350.75  | 38.36829   | (17123103) | 391710.55   |
| 3808345.49  | 37.27501    | (17123103) |            |             |
| 391734.18   | 3808340.24  | 35.85183   | (17123103) | 391757.80   |
| 3808334.98  | 34.13886    | (17123103) |            |             |
| 391781.42   | 3808329.73  | 32.18268   | (17123103) | 391805.04   |
| 3808324.47  | 32.99165    | (17102717) |            |             |
| 391828.67   | 3808319.22  | 34.59962   | (17102717) | 391852.29   |
| 3808313.97  | 35.92274    | (17102717) |            |             |
| 391875.91   | 3808308.71  | 36.92323   | (17102717) | 391899.53   |
| 3808303.46  | 37.57090    | (17102717) |            |             |
| 391923.16   | 3808298.20  | 37.84582   | (17102717) | 391946.78   |
| 3808292.95  | 37.73877    | (17102717) |            |             |
| 391970.40   | 3808287.69  | 37.25231   | (17102717) | 391994.02   |
| 3808282.44  | 36.40060    | (17102717) |            |             |
| 392017.65   | 3808277.19  | 35.20770   | (17102717) | 392041.27   |
| 3808271.93  | 33.70851    | (17102717) |            |             |
| 392064.89   | 3808266.68  | 31.94533   | (17102717) | 392088.52   |
| 3808261.42  | 33.81332    | (19020706) |            |             |
| 392112.14   | 3808256.17  | 35.67211   | (19020706) | 392135.76   |
| 3808250.91  | 37.25112    | (19020706) |            |             |
| 392159.38   | 3808245.66  | 38.50431   | (19020706) | 392183.01   |
| 3808240.41  | 39.39470    | (19020706) |            |             |
| 392206.63   | 3808235.15  | 39.89423   | (19020706) | 392230.25   |
| 3808229.90  | 39.98753    | (19020706) |            |             |
| 392253.87   | 3808224.64  | 39.67108   | (19020706) | 392277.50   |
| 3808219.39  | 38.95382    | (19020706) |            |             |
| 392301.12   | 3808214.13  | 37.85727   | (19020706) | 392324.74   |
| 3808208.88  | 36.41391    | (19020706) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392348.37  | 3808203.63          | 34.66465 | (19020706) | 392371.99 |
| 3808198.37 | 33.85429 (17021124) |          |            |           |
| 392395.61  | 3808193.12          | 35.89456 | (17021124) | 392419.23 |
| 3808187.86 | 37.66675 (17021124) |          |            |           |
| 392442.86  | 3808182.61          | 39.12011 | (17021124) | 392466.48 |
| 3808177.35 | 40.21052 (17021124) |          |            |           |
| 392490.10  | 3808172.10          | 40.90524 | (17021124) | 392513.72 |
| 3808166.85 | 41.18269 (17021124) |          |            |           |
| 392537.35  | 3808161.59          | 41.03369 | (17021124) | 392560.97 |
| 3808156.34 | 40.46270 (17021124) |          |            |           |
| 392584.59  | 3808151.08          | 39.48675 | (17021124) | 392608.21 |
| 3808145.83 | 38.13551 (17021124) |          |            |           |
| 392631.84  | 3808140.58          | 36.44812 | (17021124) | 392655.46 |
| 3808135.32 | 35.78715 (20031204) |          |            |           |
| 392679.08  | 3808130.07          | 35.72822 | (20031204) | 392702.71 |
| 3808124.81 | 35.29929 (20031204) |          |            |           |
| 392726.33  | 3808119.56          | 34.51390 | (20031204) | 392749.95 |
| 3808114.30 | 33.39553 (20031204) |          |            |           |
| 392773.57  | 3808109.05          | 31.97793 | (20031204) | 392797.20 |
| 3808103.80 | 32.59219 (16102920) |          |            |           |
| 392820.82  | 3808098.54          | 34.77310 | (16102920) | 392844.44 |
| 3808093.29 | 36.71429 (16102920) |          |            |           |
| 392868.06  | 3808088.03          | 38.36116 | (16102920) | 392891.69 |
| 3808082.78 | 39.66570 (16102920) |          |            |           |
| 392915.31  | 3808077.52          | 40.58769 | (16102920) | 392938.93 |
| 3808072.27 | 41.09938 (16102920) |          |            |           |
| 392962.55  | 3808067.02          | 41.18487 | (16102920) | 392986.18 |
| 3808061.76 | 40.84113 (16102920) |          |            |           |
| 393009.80  | 3808056.51          | 40.07924 | (16102920) | 393033.42 |
| 3808051.25 | 39.45990 (16040119) |          |            |           |
| 393057.05  | 3808046.00          | 40.45128 | (16040119) | 393080.67 |
| 3808040.74 | 41.03582 (16040119) |          |            |           |
| 393104.29  | 3808035.49          | 41.19596 | (16040119) | 393127.91 |
| 3808030.24 | 40.92678 (16040119) |          |            |           |
| 393151.54  | 3808024.98          | 40.23624 | (16040119) | 393175.16 |
| 3808019.73 | 39.14650 (16040119) |          |            |           |
| 393198.78  | 3808014.47          | 37.69032 | (16040119) | 393222.40 |
| 3808009.22 | 35.91140 (16040119) |          |            |           |
| 393246.03  | 3808003.96          | 33.85990 | (16040119) | 393269.65 |
| 3807998.71 | 32.94545 (16010219) |          |            |           |
| 393293.27  | 3807993.46          | 34.61200 | (16010219) | 393316.90 |
| 3807988.20 | 35.98564 (16010219) |          |            |           |
| 393340.52  | 3807982.95          | 37.02461 | (16010219) | 393364.14 |
| 3807977.69 | 37.69835 (16010219) |          |            |           |
| 393387.76  | 3807972.44          | 37.98635 | (16010219) | 393411.39 |
| 3807967.18 | 37.87977 (16010219) |          |            |           |
| 393435.01  | 3807961.93          | 37.38237 | (16010219) | 393458.63 |
| 3807956.68 | 36.50976 (16010219) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

|            | X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|----------|------------|-------------|
|            | Y-COORD (M) | CONC        |          | (YYMMDDHH) |             |
|            | 393482.25   | 3807951.42  | 35.28865 | (16010219) | 393505.88   |
| 3807946.17 | 33.75536    | (16010219)  |          |            |             |
|            | 393529.50   | 3807940.91  | 32.76757 | (17012519) | 393553.12   |
| 3807935.66 | 34.91664    | (17012519)  |          |            |             |
|            | 393576.74   | 3807930.40  | 36.82181 | (17012519) | 393600.37   |
| 3807925.15 | 38.43024    | (17012519)  |          |            |             |
|            | 393623.99   | 3807919.90  | 39.69418 | (17012519) | 393647.61   |
| 3807914.64 | 40.57705    | (17012519)  |          |            |             |
|            | 393671.24   | 3807909.39  | 41.05260 | (17012519) | 393694.86   |
| 3807904.13 | 41.10623    | (17012519)  |          |            |             |
|            | 393718.48   | 3807898.88  | 40.73719 | (17012519) | 393742.10   |
| 3807893.62 | 39.95716    | (17012519)  |          |            |             |
|            | 393765.73   | 3807888.37  | 38.79000 | (17012519) | 393789.35   |
| 3807883.12 | 37.27186    | (17012519)  |          |            |             |
|            | 393812.97   | 3807877.86  | 35.44686 | (17012519) | 393836.59   |
| 3807872.61 | 33.83705    | (17121817)  |          |            |             |
|            | 393860.22   | 3807867.35  | 35.83362 | (17121817) | 393883.84   |
| 3807862.10 | 37.55858    | (17121817)  |          |            |             |
|            | 393907.46   | 3807856.84  | 38.96437 | (17121817) | 393931.09   |
| 3807851.59 | 40.01080    | (17121817)  |          |            |             |
|            | 393954.71   | 3807846.34  | 40.66643 | (17121817) | 393978.33   |
| 3807841.08 | 40.91259    | (17121817)  |          |            |             |
|            | 394001.95   | 3807835.83  | 40.74258 | (17121817) | 394025.58   |
| 3807830.57 | 40.16182    | (17121817)  |          |            |             |
|            | 394049.20   | 3807825.32  | 39.18916 | (17121817) | 394072.82   |
| 3807820.06 | 37.85385    | (17121817)  |          |            |             |
|            | 394096.44   | 3807814.81  | 36.19558 | (17121817) | 394120.07   |
| 3807809.56 | 34.26085    | (17121817)  |          |            |             |
|            | 394143.69   | 3807804.30  | 32.10430 | (17121817) | 394167.31   |
| 3807799.05 | 29.78191    | (17121817)  |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394190.93  | 3807793.79 | 30.04544   | (16012117) | 394214.56 |
| 3807788.54 | 31.01495   | (16012117) |            |           |
| 394238.18  | 3807783.28 | 31.69408   | (16012117) | 394261.80 |
| 3807778.03 | 32.06394   | (16012117) |            |           |
| 394285.43  | 3807772.78 | 33.97251   | (17122407) | 394309.05 |
| 3807767.52 | 35.88566   | (17122407) |            |           |
| 394332.67  | 3807762.27 | 37.52785   | (17122407) | 394356.29 |
| 3807757.01 | 38.85405   | (17122407) |            |           |
| 394379.92  | 3807751.76 | 39.82755   | (17122407) | 394403.54 |
| 3807746.50 | 40.42001   | (17122407) |            |           |
| 394427.16  | 3807741.25 | 40.61552   | (17122407) | 394450.78 |
| 3807736.00 | 40.40921   | (17122407) |            |           |
| 394474.41  | 3807730.74 | 39.80777   | (17122407) | 394498.03 |
| 3807725.49 | 38.83039   | (17122407) |            |           |
| 394521.65  | 3807720.23 | 37.50588   | (17122407) | 394545.28 |
| 3807714.98 | 35.87187   | (17122407) |            |           |
| 394568.90  | 3807709.72 | 33.97507   | (17122407) | 394592.52 |
| 3807704.47 | 34.16487   | (18061202) |            |           |
| 394616.14  | 3807699.22 | 35.96427   | (18061202) | 394639.77 |
| 3807693.96 | 37.48922   | (18061202) |            |           |
| 394663.39  | 3807688.71 | 38.69753   | (18061202) | 394687.01 |
| 3807683.45 | 39.55688   | (18061202) |            |           |
| 394710.63  | 3807678.20 | 40.04389   | (18061202) | 394734.26 |
| 3807672.94 | 40.14551   | (18061202) |            |           |
| 394757.88  | 3807667.69 | 39.85995   | (18061202) | 394781.50 |
| 3807662.44 | 39.19662   | (18061202) |            |           |
| 394805.12  | 3807657.18 | 38.17548   | (18061202) | 394828.75 |
| 3807651.93 | 36.82566   | (18061202) |            |           |
| 394852.37  | 3807646.67 | 36.02977   | (20113008) | 394875.99 |
| 3807641.42 | 36.27696   | (20113008) |            |           |
| 394899.62  | 3807636.16 | 36.17854   | (20113008) | 394923.24 |
| 3807630.91 | 35.73857   | (20113008) |            |           |
| 394946.86  | 3807625.66 | 34.97053   | (20113008) | 394970.48 |
| 3807620.40 | 33.89682   | (20113008) |            |           |
| 394994.11  | 3807615.15 | 32.54718   | (20113008) | 395017.73 |
| 3807609.89 | 30.97601   | (16010220) |            |           |
| 395041.35  | 3807604.64 | 33.00573   | (16010220) | 395064.97 |
| 3807599.39 | 34.83731   | (16010220) |            |           |
| 395088.60  | 3807594.13 | 36.42611   | (16010220) | 395112.22 |
| 3807588.88 | 37.73061   | (16010220) |            |           |
| 395135.84  | 3807583.62 | 38.71777   | (16010220) | 395159.47 |
| 3807578.37 | 39.36236   | (16010220) |            |           |
| 395183.09  | 3807573.11 | 39.64725   | (16010220) | 395206.71 |
| 3807567.86 | 39.56639   | (16010220) |            |           |
| 395230.33  | 3807562.61 | 39.12326   | (16010220) | 395253.96 |
| 3807557.35 | 38.33088   | (16010220) |            |           |
| 395277.58  | 3807552.10 | 37.21263   | (16010220) | 395301.20 |
| 3807546.84 | 35.79899   | (16010220) |            |           |
| 395324.82  | 3807541.59 | 34.12756   | (16010220) | 395348.45 |
| 3807536.33 | 32.30228   | (16120407) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 670

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
|            | 395372.07   | 3807531.08  | 34.12478   | (16120407) | 395395.69   |
| 3807525.83 | 35.72281    | (16120407)  |            |            |             |
|            | 395419.31   | 3807520.57  | 37.05747   | (16120407) | 395442.94   |
| 3807515.32 | 38.09632    | (16120407)  |            |            |             |
|            | 395466.56   | 3807510.06  | 38.81245   | (16120407) | 395490.18   |
| 3807504.81 | 39.18896    | (16120407)  |            |            |             |
|            | 395513.81   | 3807499.55  | 39.21707   | (16120407) | 395537.43   |
| 3807494.30 | 38.89752    | (16120407)  |            |            |             |
|            | 395561.05   | 3807489.05  | 38.24020   | (16120407) | 395584.67   |
| 3807483.79 | 37.26367    | (16120407)  |            |            |             |
|            | 395608.30   | 3807478.54  | 35.99378   | (16120407) | 395631.92   |
| 3807473.28 | 34.46462    | (16120407)  |            |            |             |
|            | 395655.54   | 3807468.03  | 32.71403   | (16120407) | 395679.16   |
| 3807462.77 | 30.78399    | (16120407)  |            |            |             |
|            | 395702.79   | 3807457.52  | 28.71753   | (16120407) | 395726.41   |
| 3807452.27 | 26.56086    | (16120407)  |            |            |             |
|            | 395750.03   | 3807447.01  | 26.81993   | (20031107) | 395773.65   |
| 3807441.76 | 27.44055    | (20031107)  |            |            |             |
|            | 395797.28   | 3807436.50  | 27.83424   | (20031107) | 395820.90   |
| 3807431.25 | 27.99177    | (20031107)  |            |            |             |
|            | 395844.52   | 3807425.99  | 27.91032   | (20031107) | 395868.15   |
| 3807420.74 | 27.59295    | (20031107)  |            |            |             |
|            | 395891.77   | 3807415.49  | 27.04895   | (20031107) | 395915.39   |
| 3807410.23 | 27.85259    | (17031703)  |            |            |             |
|            | 395939.01   | 3807404.98  | 28.46032   | (17031703) | 395962.64   |
| 3807399.72 | 28.83695    | (17031703)  |            |            |             |
|            | 395986.26   | 3807394.47  | 28.97397   | (17031703) | 396009.88   |
| 3807389.21 | 28.86923    | (17031703)  |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396033.50  | 3807383.96 | 28.79574   | (16022404) | 396057.13 |
| 3807378.71 | 29.90062   | (16022404) |            |           |
| 396080.75  | 3807373.45 | 30.78982   | (16022404) | 396104.37 |
| 3807368.20 | 31.44398   | (16022404) |            |           |
| 396128.00  | 3807362.94 | 31.84847   | (16022404) | 396151.62 |
| 3807357.69 | 31.99448   | (16022404) |            |           |
| 396175.24  | 3807352.43 | 32.07995   | (20021818) | 396198.86 |
| 3807347.18 | 33.57604   | (20021818) |            |           |
| 396222.49  | 3807341.93 | 34.85650   | (20021818) | 396246.11 |
| 3807336.67 | 35.89210   | (20021818) |            |           |
| 396269.73  | 3807331.42 | 36.66095   | (20021818) | 396293.35 |
| 3807326.16 | 37.14618   | (20021818) |            |           |
| 396316.98  | 3807320.91 | 37.33793   | (20021818) | 396340.60 |
| 3807315.65 | 37.23285   | (20021818) |            |           |
| 396364.22  | 3807310.40 | 36.83518   | (20021818) | 396387.84 |
| 3807305.15 | 36.15570   | (20021818) |            |           |
| 396411.47  | 3807299.89 | 35.88500   | (16010907) | 396435.09 |
| 3807294.64 | 36.68614   | (16010907) |            |           |
| 396458.71  | 3807289.38 | 37.21204   | (16010907) | 396482.34 |
| 3807284.13 | 37.45230   | (16010907) |            |           |
| 396505.96  | 3807278.87 | 37.40249   | (16010907) | 396529.58 |
| 3807273.62 | 37.06558   | (16010907) |            |           |
| 396553.20  | 3807268.37 | 36.45075   | (16010907) | 396576.83 |
| 3807263.11 | 35.57299   | (16010907) |            |           |
| 396600.45  | 3807257.86 | 36.13509   | (18020908) | 396624.07 |
| 3807252.60 | 36.71912   | (18020908) |            |           |
| 396647.69  | 3807247.35 | 37.03016   | (18020908) | 396671.32 |
| 3807242.09 | 37.06255   | (18020908) |            |           |
| 396694.94  | 3807236.84 | 36.81714   | (18020908) | 396718.56 |
| 3807231.59 | 36.30094   | (18020908) |            |           |
| 396742.19  | 3807226.33 | 35.52651   | (18020908) | 396765.81 |
| 3807221.08 | 34.51273   | (18020908) |            |           |
| 385676.69  | 3815787.53 | 37.31057   | (16060403) | 385675.68 |
| 3815811.73 | 36.95172   | (16060403) |            |           |
| 385674.67  | 3815835.94 | 36.26008   | (16060403) | 385673.65 |
| 3815860.15 | 35.77699   | (17122717) |            |           |
| 385672.64  | 3815884.35 | 36.64362   | (17122717) | 385671.63 |
| 3815908.56 | 37.18677   | (17122717) |            |           |
| 385670.61  | 3815932.77 | 37.39105   | (17122717) | 384355.66 |
| 3815710.30 | 13.09423   | (16060403) |            |           |
| 384366.79  | 3815688.84 | 15.30757   | (16060403) | 384377.92 |
| 3815667.38 | 17.37872   | (16060403) |            |           |
| 384389.05  | 3815645.92 | 19.45052   | (16060403) | 384400.18 |
| 3815624.47 | 21.64681   | (16060403) |            |           |
| 384411.32  | 3815603.01 | 23.22006   | (16060403) | 384422.45 |
| 3815581.55 | 23.51981   | (16060403) |            |           |
| 384433.58  | 3815560.09 | 22.76286   | (19020106) | 384444.71 |
| 3815538.63 | 20.43564   | (19020106) |            |           |
| 384455.84  | 3815517.17 | 17.72824   | (19020106) | 384466.97 |
| 3815495.71 | 15.19256   | (19020106) |            |           |

384478.11 3815474.26 13.92747 (19020106) 384489.24  
 3815452.80 13.16376 (19020106)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 671

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 384500.37   | 3815431.34  | 13.04148   | (19020106) | 384511.50   |
| 3815409.88  | 12.82774    | (19020106) |            |             |
| 384522.63   | 3815388.42  | 11.36490   | (17122417) | 384533.76   |
| 3815366.96  | 9.51216     | (17122417) |            |             |
| 384544.90   | 3815345.50  | 8.03053    | (17122417) | 384556.03   |
| 3815324.05  | 8.22446     | (17122417) |            |             |
| 384567.16   | 3815302.59  | 8.94077    | (17122417) | 384578.29   |
| 3815281.13  | 8.92580     | (17122417) |            |             |
| 384589.42   | 3815259.67  | 8.03517    | (16012217) | 384600.55   |
| 3815238.21  | 7.12302     | (16012217) |            |             |
| 384611.69   | 3815216.75  | 5.93239    | (16012217) | 384622.82   |
| 3815195.29  | 4.96774     | (16012217) |            |             |
| 384633.95   | 3815173.84  | 4.43704    | (16012217) | 384645.08   |
| 3815152.38  | 4.46621     | (16012217) |            |             |
| 384656.21   | 3815130.92  | 4.79799    | (16012217) | 384667.34   |
| 3815109.46  | 4.60533     | (16012217) |            |             |
| 384678.48   | 3815088.00  | 3.88810    | (16012217) | 384689.61   |
| 3815066.54  | 3.02423     | (16012217) |            |             |
| 384700.74   | 3815045.08  | 2.77241    | (19112320) | 384711.87   |
| 3815023.63  | 2.59654     | (19112320) |            |             |
| 384723.00   | 3815002.17  | 2.43011    | (19112320) | 384734.14   |
| 3814980.71  | 2.24404     | (19112320) |            |             |
| 384745.27   | 3814959.25  | 2.08089    | (19120409) | 384756.40   |
| 3814937.79  | 2.10354     | (19120409) |            |             |
| 384767.53   | 3814916.33  | 2.12487    | (19120409) | 384778.66   |
| 3814894.87  | 2.14484     | (19120409) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384789.79  | 3814873.42         | 2.16339 | (19120409) | 384800.93 |
| 3814851.96 | 2.18049 (19120409) |         |            |           |
| 384812.06  | 3814830.50         | 2.19608 | (19120409) | 384823.19 |
| 3814809.04 | 2.21013 (19120409) |         |            |           |
| 384834.32  | 3814787.58         | 2.22260 | (19120409) | 384845.45 |
| 3814766.12 | 2.23345 (19120409) |         |            |           |
| 384856.58  | 3814744.66         | 2.27336 | (20040906) | 384867.72 |
| 3814723.21 | 2.51636 (20040906) |         |            |           |
| 384878.85  | 3814701.75         | 2.80023 | (20040906) | 384889.98 |
| 3814680.29 | 3.28660 (20122517) |         |            |           |
| 384901.11  | 3814658.83         | 3.75287 | (20122517) | 384912.24 |
| 3814637.37 | 3.49623 (20122517) |         |            |           |
| 384923.37  | 3814615.91         | 3.17619 | (20122517) | 384934.51 |
| 3814594.45 | 2.92484 (17083021) |         |            |           |
| 384945.64  | 3814572.99         | 2.87699 | (17083021) | 384956.77 |
| 3814551.54 | 2.76064 (17083021) |         |            |           |
| 384967.90  | 3814530.08         | 2.59267 | (17083021) | 384979.03 |
| 3814508.62 | 2.40958 (17083021) |         |            |           |
| 384990.16  | 3814487.16         | 2.39184 | (17083021) | 385001.30 |
| 3814465.70 | 2.46135 (17083021) |         |            |           |
| 385012.43  | 3814444.24         | 2.54615 | (17083021) | 385023.56 |
| 3814422.78 | 2.60313 (17083021) |         |            |           |
| 385034.69  | 3814401.33         | 2.64645 | (17083021) | 385045.82 |
| 3814379.87 | 2.66035 (17083021) |         |            |           |
| 385056.95  | 3814358.41         | 2.62206 | (17083021) | 385068.09 |
| 3814336.95 | 2.47687 (19101006) |         |            |           |
| 385079.22  | 3814315.49         | 2.35806 | (19101006) | 385090.35 |
| 3814294.03 | 2.23891 (19101006) |         |            |           |
| 385101.48  | 3814272.57         | 2.12766 | (19101006) | 385112.61 |
| 3814251.12 | 2.08160 (19101006) |         |            |           |
| 385123.74  | 3814229.66         | 2.02588 | (19101006) | 385134.88 |
| 3814208.20 | 2.01952 (19101006) |         |            |           |
| 385146.01  | 3814186.74         | 2.08342 | (19101006) | 385157.14 |
| 3814165.28 | 2.23689 (19101006) |         |            |           |
| 385168.27  | 3814143.82         | 2.44426 | (19101006) | 385179.40 |
| 3814122.36 | 2.67968 (19101006) |         |            |           |
| 385190.53  | 3814100.91         | 2.95180 | (19101006) | 385201.67 |
| 3814079.45 | 3.29501 (17022607) |         |            |           |
| 385212.80  | 3814057.99         | 3.69678 | (17022607) | 385223.93 |
| 3814036.53 | 3.86685 (19012207) |         |            |           |
| 385235.06  | 3814015.07         | 3.61242 | (19012207) | 385246.19 |
| 3813993.61 | 3.33010 (19012207) |         |            |           |
| 385257.32  | 3813972.15         | 3.13295 | (19012207) | 385268.46 |
| 3813950.70 | 3.49624 (19010507) |         |            |           |
| 385279.59  | 3813929.24         | 4.74211 | (19010507) | 385290.72 |
| 3813907.78 | 6.44458 (19010507) |         |            |           |
| 385301.85  | 3813886.32         | 8.47130 | (19010507) | 385312.98 |
| 3813864.86 | 9.84070 (19010507) |         |            |           |
| 385324.11  | 3813843.40         | 9.90913 | (19010507) | 385335.25 |
| 3813821.94 | 8.53851 (19010507) |         |            |           |



```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 385390.90   | 3813714.65         | 2.82187    | (20111303) | 385402.04   |
| 3813693.19  | 2.57101 (20111303) |            |            |             |
| 385413.17   | 3813671.73         | 2.38619    | (20111303) | 385424.30   |
| 3813650.28  | 2.30901 (19101107) |            |            |             |
| 385435.43   | 3813628.82         | 2.27477    | (19101107) | 385446.56   |
| 3813607.36  | 2.22117 (19101107) |            |            |             |
| 385457.69   | 3813585.90         | 2.13258    | (19101107) | 385468.83   |
| 3813564.44  | 1.99559 (19101107) |            |            |             |
| 385479.96   | 3813542.98         | 1.84661    | (19101107) | 385491.09   |
| 3813521.52  | 1.73524 (19101107) |            |            |             |
| 385502.22   | 3813500.06         | 1.66056    | (19101107) | 385513.35   |
| 3813478.61  | 1.58801 (19101107) |            |            |             |
| 385524.48   | 3813457.15         | 1.50559    | (20030202) | 385535.62   |
| 3813435.69  | 1.43759 (20030202) |            |            |             |
| 385546.75   | 3813414.23         | 1.34499    | (20030202) | 385557.88   |
| 3813392.77  | 1.31432 (17043007) |            |            |             |
| 385569.01   | 3813371.31         | 1.31859    | (17043007) | 385580.14   |
| 3813349.85  | 1.32232 (17043007) |            |            |             |
| 385591.28   | 3813328.40         | 1.32549    | (17043007) | 385602.41   |
| 3813306.94  | 1.53172 (16021908) |            |            |             |
| 385613.54   | 3813285.48         | 1.72445    | (16021908) | 385624.67   |
| 3813264.02  | 1.81506 (16021908) |            |            |             |
| 385635.80   | 3813242.56         | 1.65346    | (16021908) | 385646.93   |
| 3813221.10  | 1.46729 (16021908) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 385658.07  | 3813199.64          | 1.35266  | (16021908) | 385669.20 |
| 3813178.19 | 1.32979 (16021908)  |          |            |           |
| 385680.33  | 3813156.73          | 1.40664  | (16021908) | 385691.46 |
| 3813135.27 | 1.60374 (16021908)  |          |            |           |
| 385702.59  | 3813113.81          | 1.84210  | (16021908) | 385713.72 |
| 3813092.35 | 1.95974 (16021908)  |          |            |           |
| 385724.86  | 3813070.89          | 2.03620  | (16021908) | 385735.99 |
| 3813049.43 | 2.09282 (16021908)  |          |            |           |
| 385747.12  | 3813027.98          | 2.29979  | (16021908) | 385758.25 |
| 3813006.52 | 2.43990 (16021908)  |          |            |           |
| 385769.38  | 3812985.06          | 2.50105  | (16021908) | 385780.51 |
| 3812963.60 | 2.41812 (16021908)  |          |            |           |
| 385791.65  | 3812942.14          | 2.24778  | (16021908) | 385802.78 |
| 3812920.68 | 2.03542 (16021908)  |          |            |           |
| 385813.91  | 3812899.22          | 1.81521  | (16021908) | 385825.04 |
| 3812877.77 | 1.63637 (16021908)  |          |            |           |
| 385836.17  | 3812856.31          | 1.54509  | (16021908) | 385847.30 |
| 3812834.85 | 1.60031 (16021908)  |          |            |           |
| 385858.44  | 3812813.39          | 1.63149  | (16021908) | 385869.57 |
| 3812791.93 | 1.62270 (16021908)  |          |            |           |
| 385880.70  | 3812770.47          | 1.68002  | (18101221) | 385891.83 |
| 3812749.01 | 1.84951 (20031606)  |          |            |           |
| 385902.96  | 3812727.56          | 1.98233  | (20031606) | 385914.09 |
| 3812706.10 | 2.07801 (20031606)  |          |            |           |
| 385925.23  | 3812684.64          | 2.15075  | (20031606) | 385936.36 |
| 3812663.18 | 2.22785 (20031606)  |          |            |           |
| 385947.49  | 3812641.72          | 2.41232  | (20031606) | 385958.62 |
| 3812620.26 | 2.65528 (20031606)  |          |            |           |
| 385969.75  | 3812598.80          | 2.91063  | (20031606) | 385980.88 |
| 3812577.35 | 3.12390 (20031606)  |          |            |           |
| 385992.02  | 3812555.89          | 3.23933  | (20031606) | 386003.15 |
| 3812534.43 | 3.27928 (19021101)  |          |            |           |
| 386014.28  | 3812512.97          | 3.54279  | (19021101) | 386025.41 |
| 3812491.51 | 4.18875 (19021101)  |          |            |           |
| 386036.54  | 3812470.05          | 5.48003  | (19021101) | 386047.67 |
| 3812448.59 | 7.47566 (20021303)  |          |            |           |
| 386058.81  | 3812427.13          | 10.48735 | (20021303) | 386069.94 |
| 3812405.68 | 12.14788 (20021303) |          |            |           |
| 386081.07  | 3812384.22          | 11.83817 | (20021303) | 386092.20 |
| 3812362.76 | 9.96651 (20021303)  |          |            |           |
| 386103.33  | 3812341.30          | 7.49527  | (20021303) | 386114.46 |
| 3812319.84 | 6.83557 (20021303)  |          |            |           |
| 386125.60  | 3812298.38          | 7.00476  | (20021303) | 386136.73 |
| 3812276.92 | 7.03926 (20021303)  |          |            |           |
| 386147.86  | 3812255.47          | 6.98482  | (20021303) | 386158.99 |
| 3812234.01 | 6.78908 (20021303)  |          |            |           |
| 386170.12  | 3812212.55          | 6.33624  | (19083005) | 386181.25 |
| 3812191.09 | 6.48285 (19083005)  |          |            |           |
| 386192.39  | 3812169.63          | 6.85825  | (19083005) | 386203.52 |
| 3812148.17 | 7.31638 (19083005)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386214.65  | 3812126.71 | 8.70979    | (19083005) | 386225.78 |
| 3812105.26 | 10.57402   | (19083005) |            |           |
| 386236.91  | 3812083.80 | 12.91074   | (18010520) | 386248.04 |
| 3812062.34 | 14.11539   | (18010520) |            |           |
| 386259.18  | 3812040.88 | 12.44799   | (18010520) | 386270.31 |
| 3812019.42 | 9.79813    | (18010520) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 673

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 386281.44   | 3811997.96  | 7.18113    | (18010520) | 386292.57   |
| 3811976.50  | 4.65447     | (18010520) |            |             |
| 386303.70   | 3811955.05  | 3.62387    | (17013117) | 386314.83   |
| 3811933.59  | 2.95718     | (17013117) |            |             |
| 386325.97   | 3811912.13  | 2.39886    | (17013117) | 386337.10   |
| 3811890.67  | 1.92838     | (17013117) |            |             |
| 386348.23   | 3811869.21  | 1.55742    | (17013117) | 386359.36   |
| 3811847.75  | 1.35098     | (19031108) |            |             |
| 386370.49   | 3811826.29  | 1.14401    | (20041007) | 386381.62   |
| 3811804.84  | 1.15224     | (20041007) |            |             |
| 386392.76   | 3811783.38  | 1.18112    | (20041007) | 386403.89   |
| 3811761.92  | 1.20924     | (20041007) |            |             |
| 386415.02   | 3811740.46  | 1.24136    | (20041007) | 386426.15   |
| 3811719.00  | 1.27509     | (20041007) |            |             |
| 386437.28   | 3811697.54  | 1.29323    | (20041007) | 386448.42   |
| 3811676.08  | 1.29161     | (20041007) |            |             |
| 386459.55   | 3811654.63  | 1.28078    | (20041007) | 386470.68   |
| 3811633.17  | 1.26974     | (20041007) |            |             |
| 386481.81   | 3811611.71  | 1.25942    | (20041007) | 386492.94   |
| 3811590.25  | 1.25330     | (20041007) |            |             |
| 386504.07   | 3811568.79  | 1.24961    | (20041007) | 386515.21   |
| 3811547.33  | 1.23921     | (20041007) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386526.34  | 3811525.87         | 1.22601 | (20041007) | 386537.47 |
| 3811504.42 | 1.20733 (20041007) |         |            |           |
| 386548.60  | 3811482.96         | 1.18048 | (20041007) | 386559.73 |
| 3811461.50 | 1.13855 (20041007) |         |            |           |
| 386570.86  | 3811440.04         | 1.08788 | (20041007) | 386582.00 |
| 3811418.58 | 1.07687 (16122516) |         |            |           |
| 386593.13  | 3811397.12         | 1.07911 | (16122516) | 386604.26 |
| 3811375.66 | 1.08891 (16122516) |         |            |           |
| 386615.39  | 3811354.20         | 1.09563 | (16122516) | 386626.52 |
| 3811332.75 | 1.09835 (16122516) |         |            |           |
| 386637.65  | 3811311.29         | 1.09697 | (16122516) | 386648.79 |
| 3811289.83 | 1.09412 (16122516) |         |            |           |
| 386659.92  | 3811268.37         | 1.08919 | (16122516) | 386671.05 |
| 3811246.91 | 1.08278 (16122516) |         |            |           |
| 386682.18  | 3811225.45         | 1.07263 | (16122516) | 386693.31 |
| 3811203.99 | 1.05770 (16122516) |         |            |           |
| 386704.44  | 3811182.54         | 1.04407 | (16122516) | 386715.58 |
| 3811161.08 | 1.03546 (16122516) |         |            |           |
| 386726.71  | 3811139.62         | 1.04472 | (19102117) | 386737.84 |
| 3811118.16 | 1.06934 (19102117) |         |            |           |
| 386748.97  | 3811096.70         | 1.09652 | (19102117) | 386760.10 |
| 3811075.24 | 1.11273 (19102117) |         |            |           |
| 386771.23  | 3811053.78         | 1.12550 | (19102117) | 386782.37 |
| 3811032.33 | 1.13550 (19102117) |         |            |           |
| 386793.50  | 3811010.87         | 1.14710 | (19102117) | 386804.63 |
| 3810989.41 | 1.15795 (19102117) |         |            |           |
| 386815.76  | 3810967.95         | 1.16811 | (19102117) | 386826.89 |
| 3810946.49 | 1.16928 (19102117) |         |            |           |
| 386838.02  | 3810925.03         | 1.18608 | (19020717) | 386849.16 |
| 3810903.57 | 1.21931 (19020717) |         |            |           |
| 386860.29  | 3810882.12         | 1.25238 | (19020717) | 386871.42 |
| 3810860.66 | 1.28014 (19020717) |         |            |           |
| 386882.55  | 3810839.20         | 1.30051 | (19020717) | 386893.68 |
| 3810817.74 | 1.31782 (19020717) |         |            |           |
| 386904.81  | 3810796.28         | 1.33467 | (19020717) | 386915.95 |
| 3810774.82 | 1.35331 (19020717) |         |            |           |
| 386927.08  | 3810753.36         | 1.37092 | (19020717) | 386938.21 |
| 3810731.91 | 1.38281 (19020717) |         |            |           |
| 386949.34  | 3810710.45         | 1.39846 | (19020717) | 386960.47 |
| 3810688.99 | 1.41269 (19020717) |         |            |           |
| 386971.60  | 3810667.53         | 1.42450 | (19020717) | 386982.74 |
| 3810646.07 | 1.42184 (19020717) |         |            |           |
| 386993.87  | 3810624.61         | 1.41299 | (19020717) | 387005.00 |
| 3810603.15 | 1.40568 (19020717) |         |            |           |
| 387016.13  | 3810581.70         | 1.39805 | (19020717) | 387027.26 |
| 3810560.24 | 1.38888 (19020717) |         |            |           |
| 387038.39  | 3810538.78         | 1.37999 | (19020717) | 387049.53 |
| 3810517.32 | 1.36568 (19020717) |         |            |           |
| 387060.66  | 3810495.86         | 1.35285 | (19020717) | 387071.79 |
| 3810474.40 | 1.33616 (19020717) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387082.92  | 3810452.94 | 1.32273    | (19020717) | 387094.05 |
| 3810431.49 | 1.30537    | (19020717) |            |           |
| 387105.18  | 3810410.03 | 1.28140    | (19020717) | 387116.32 |
| 3810388.57 | 1.24840    | (19020717) |            |           |
| 387127.45  | 3810367.11 | 1.21350    | (19020717) | 387138.58 |
| 3810345.65 | 1.19938    | (17041018) |            |           |
| 387149.71  | 3810324.19 | 1.25186    | (17041018) | 387160.84 |
| 3810302.73 | 1.34234    | (17041018) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 674

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 387171.97   | 3810281.27  | 1.42900    | (17041018) | 387183.11   |
| 3810259.82  | 1.65984     | (17041018) |            |             |
| 387194.24   | 3810238.36  | 1.92859    | (17041018) | 387205.37   |
| 3810216.90  | 2.12020     | (17041018) |            |             |
| 387216.50   | 3810195.44  | 2.21292    | (17041018) | 387227.63   |
| 3810173.98  | 2.15797     | (17041018) |            |             |
| 387238.77   | 3810152.52  | 2.05978    | (17041018) | 387249.90   |
| 3810131.06  | 1.96933     | (17041018) |            |             |
| 387261.03   | 3810109.61  | 1.97222    | (17041018) | 387272.16   |
| 3810088.15  | 2.04736     | (17041018) |            |             |
| 387283.29   | 3810066.69  | 2.09828    | (17041018) | 387294.42   |
| 3810045.23  | 2.10679     | (17041018) |            |             |
| 387305.56   | 3810023.77  | 2.06502    | (17041018) | 387316.69   |
| 3810002.31  | 2.01509     | (19113008) |            |             |
| 387327.82   | 3809980.85  | 2.04858    | (19113008) | 387338.95   |
| 3809959.40  | 2.10997     | (19113008) |            |             |
| 387350.08   | 3809937.94  | 2.18791    | (19113008) | 387361.21   |
| 3809916.48  | 2.28853     | (19113008) |            |             |
| 387372.35   | 3809895.02  | 2.41723    | (19113008) | 387383.48   |
| 3809873.56  | 2.46834     | (19113008) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 387394.61  | 3809852.10          | 2.45149  | (19113008) | 387405.74 |
| 3809830.64 | 2.54438 (19113008)  |          |            |           |
| 387416.87  | 3809809.19          | 2.72016  | (19113008) | 387428.00 |
| 3809787.73 | 2.93187 (19113008)  |          |            |           |
| 387439.14  | 3809766.27          | 3.22570  | (19113008) | 387450.27 |
| 3809744.81 | 3.62525 (19113008)  |          |            |           |
| 387461.40  | 3809723.35          | 4.25286  | (19013104) | 387472.53 |
| 3809701.89 | 5.17391 (19013104)  |          |            |           |
| 387483.66  | 3809680.43          | 5.58082  | (19013104) | 387494.79 |
| 3809658.98 | 6.12534 (19013104)  |          |            |           |
| 387505.93  | 3809637.52          | 6.44243  | (19013104) | 387517.06 |
| 3809616.06 | 6.35126 (19013104)  |          |            |           |
| 387528.19  | 3809594.60          | 6.74295  | (19013104) | 387539.32 |
| 3809573.14 | 7.70592 (19013104)  |          |            |           |
| 387550.45  | 3809551.68          | 9.18909  | (19013104) | 387561.58 |
| 3809530.22 | 10.09094 (19013104) |          |            |           |
| 387572.72  | 3809508.77          | 10.43629 | (19013104) | 387583.85 |
| 3809487.31 | 11.24904 (19013104) |          |            |           |
| 387594.98  | 3809465.85          | 12.36136 | (19013104) | 387606.11 |
| 3809444.39 | 13.46276 (19013104) |          |            |           |
| 387617.24  | 3809422.93          | 14.95283 | (19120503) | 387628.37 |
| 3809401.47 | 17.27739 (17010807) |          |            |           |
| 387639.51  | 3809380.01          | 21.15445 | (17010807) | 387650.64 |
| 3809358.56 | 25.38766 (17010807) |          |            |           |
| 387661.77  | 3809337.10          | 28.89105 | (17010807) | 387672.90 |
| 3809315.64 | 30.72546 (17010807) |          |            |           |
| 387684.03  | 3809294.18          | 30.73924 | (17010807) | 387695.16 |
| 3809272.72 | 29.18080 (17010807) |          |            |           |
| 387706.30  | 3809251.26          | 28.25580 | (17010807) | 387717.43 |
| 3809229.80 | 28.52068 (17010807) |          |            |           |
| 387728.56  | 3809208.34          | 30.56668 | (17010807) | 387739.69 |
| 3809186.89 | 31.39343 (17010807) |          |            |           |
| 387750.82  | 3809165.43          | 30.67513 | (17010807) | 387761.95 |
| 3809143.97 | 29.76651 (17010807) |          |            |           |
| 387773.09  | 3809122.51          | 28.68032 | (18030506) | 387784.22 |
| 3809101.05 | 29.27497 (18030506) |          |            |           |
| 387795.35  | 3809079.59          | 29.35575 | (18030506) | 387806.48 |
| 3809058.13 | 29.23006 (18030506) |          |            |           |
| 387817.61  | 3809036.68          | 27.36344 | (18030506) | 387828.74 |
| 3809015.22 | 26.65396 (18030506) |          |            |           |
| 387839.88  | 3808993.76          | 27.51952 | (18030506) | 387851.01 |
| 3808972.30 | 26.86258 (18030506) |          |            |           |
| 387862.14  | 3808950.84          | 25.85925 | (18030506) | 387873.27 |
| 3808929.38 | 24.72697 (18030506) |          |            |           |
| 387884.40  | 3808907.92          | 23.48681 | (18030506) | 387895.53 |
| 3808886.47 | 22.87569 (18010221) |          |            |           |
| 387906.67  | 3808865.01          | 22.88744 | (18010221) | 387917.80 |
| 3808843.55 | 24.52479 (18010221) |          |            |           |
| 387928.93  | 3808822.09          | 26.10568 | (18010221) | 387940.06 |
| 3808800.63 | 26.64825 (18010221) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387951.19  | 3808779.17 | 27.02218   | (18010221) | 387962.32 |
| 3808757.71 | 27.22090   | (18010221) |            |           |
| 387973.46  | 3808736.26 | 27.24134   | (18010221) | 387984.59 |
| 3808714.80 | 28.18308   | (18032807) |            |           |
| 387995.72  | 3808693.34 | 29.32522   | (18032807) | 388006.85 |
| 3808671.88 | 30.31405   | (18032807) |            |           |
| 388017.98  | 3808650.42 | 31.13218   | (18032807) | 388029.11 |
| 3808628.96 | 31.76515   | (18032807) |            |           |
| 388040.25  | 3808607.50 | 32.20201   | (18032807) | 388051.38 |
| 3808586.05 | 32.43496   | (18032807) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 675

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 388062.51   | 3808564.59  | 32.46078   | (18032807) | 388073.64   |
| 3808543.13  | 32.27985    | (18032807) |            |             |
| 388084.77   | 3808521.67  | 31.89654   | (18032807) | 388095.91   |
| 3808500.21  | 31.31879    | (18032807) |            |             |
| 388107.04   | 3808478.75  | 30.55854   | (18032807) | 388118.17   |
| 3808457.29  | 29.63038    | (18032807) |            |             |
| 388129.30   | 3808435.84  | 28.55200   | (18032807) | 388140.43   |
| 3808414.38  | 27.34216    | (18032807) |            |             |
| 388151.56   | 3808392.92  | 26.02215   | (18032807) | 388162.70   |
| 3808371.46  | 24.61339    | (18032807) |            |             |
| 388173.83   | 3808350.00  | 23.13903   | (18032807) | 388184.96   |
| 3808328.54  | 21.62068    | (18032807) |            |             |
| 388196.09   | 3808307.08  | 20.33795   | (17122507) | 388207.22   |
| 3808285.63  | 21.23163    | (16110418) |            |             |
| 388218.35   | 3808264.17  | 22.67062   | (16110418) | 388229.49   |
| 3808242.71  | 24.05812    | (16110418) |            |             |
| 388240.62   | 3808221.25  | 25.37307   | (16110418) | 388251.75   |
| 3808199.79  | 26.59626    | (16110418) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388262.88  | 3808178.33 | 27.70880   | (16110418) | 388274.01 |
| 3808156.87 | 28.69314   | (16110418) |            |           |
| 388285.14  | 3808135.41 | 29.53348   | (16110418) | 388296.28 |
| 3808113.96 | 30.21637   | (16110418) |            |           |
| 388307.41  | 3808092.50 | 30.73059   | (16110418) | 388318.54 |
| 3808071.04 | 31.06815   | (16110418) |            |           |
| 388329.67  | 3808049.58 | 31.22401   | (16110418) | 388340.80 |
| 3808028.12 | 31.19633   | (16110418) |            |           |
| 388351.93  | 3808006.66 | 30.98654   | (16110418) | 388363.07 |
| 3807985.20 | 30.59905   | (16110418) |            |           |
| 388374.20  | 3807963.75 | 30.04186   | (16110418) | 388385.33 |
| 3807942.29 | 29.32488   | (16110418) |            |           |
| 388396.46  | 3807920.83 | 28.46106   | (16110418) | 388407.59 |
| 3807899.37 | 27.46526   | (16110418) |            |           |
| 388418.72  | 3807877.91 | 26.35401   | (16110418) | 388429.86 |
| 3807856.45 | 25.14462   | (16110418) |            |           |
| 388464.58  | 3807829.75 | 24.52490   | (16122121) | 388488.18 |
| 3807824.50 | 25.43619   | (16122121) |            |           |
| 388511.78  | 3807819.25 | 26.22876   | (16122121) | 388535.38 |
| 3807814.00 | 26.88885   | (16122121) |            |           |
| 388558.97  | 3807808.75 | 27.40442   | (16122121) | 388582.57 |
| 3807803.50 | 27.76623   | (16122121) |            |           |
| 388606.17  | 3807798.25 | 27.96696   | (16122121) | 388629.77 |
| 3807793.01 | 28.00232   | (16122121) |            |           |
| 388653.36  | 3807787.76 | 27.87090   | (16122121) | 388676.96 |
| 3807782.51 | 27.57417   | (16122121) |            |           |
| 388700.56  | 3807777.26 | 27.11665   | (16122121) | 388724.16 |
| 3807772.01 | 26.50568   | (16122121) |            |           |
| 388747.75  | 3807766.76 | 25.75157   | (16122121) | 388771.35 |
| 3807761.51 | 25.33353   | (20040905) |            |           |
| 388794.95  | 3807756.26 | 25.57087   | (20040905) | 388818.55 |
| 3807751.02 | 25.65348   | (20040905) |            |           |
| 388842.14  | 3807745.77 | 25.57914   | (20040905) | 388865.74 |
| 3807740.52 | 25.34844   | (20040905) |            |           |
| 388889.34  | 3807735.27 | 24.96489   | (20040905) | 388912.94 |
| 3807730.02 | 24.43479   | (20040905) |            |           |
| 388936.53  | 3807724.77 | 23.76733   | (20040905) | 388960.13 |
| 3807719.52 | 24.17219   | (17021606) |            |           |
| 388983.73  | 3807714.28 | 24.43465   | (17021606) | 389007.33 |
| 3807709.03 | 24.54586   | (17021606) |            |           |
| 389030.92  | 3807703.78 | 24.50304   | (17021606) | 389054.52 |
| 3807698.53 | 24.30628   | (17021606) |            |           |
| 389078.12  | 3807693.28 | 23.95860   | (17021606) | 389101.71 |
| 3807688.03 | 23.46603   | (17021606) |            |           |
| 389125.31  | 3807682.78 | 22.83677   | (17021606) | 389148.91 |
| 3807677.54 | 22.08212   | (17021606) |            |           |
| 389172.51  | 3807672.29 | 21.21473   | (17021606) | 389196.10 |
| 3807667.04 | 20.24994   | (17021606) |            |           |
| 389219.70  | 3807661.79 | 19.20313   | (17021606) | 389243.30 |
| 3807656.54 | 18.09157   | (17021606) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389266.90  | 3807651.29 | 18.29816   | (20121922) | 389290.49 |
| 3807646.04 | 19.89202   | (20121922) |            |           |
| 389314.09  | 3807640.79 | 21.48650   | (20121922) | 389337.69 |
| 3807635.55 | 23.05876   | (20121922) |            |           |
| 389361.29  | 3807630.30 | 24.58624   | (20121922) | 389384.88 |
| 3807625.05 | 26.04395   | (20121922) |            |           |
| 389408.48  | 3807619.80 | 27.40867   | (20121922) | 389432.08 |
| 3807614.55 | 28.65591   | (20121922) |            |           |
| 389455.68  | 3807609.30 | 29.76283   | (20121922) | 389479.27 |
| 3807604.05 | 30.70804   | (20121922) |            |           |
| 389502.87  | 3807598.81 | 31.47350   | (20121922) | 389526.47 |
| 3807593.56 | 32.04350   | (20121922) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 676

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389550.07   | 3807588.31  | 32.40581   | (20121922) | 389573.66   |
| 3807583.06  | 32.55233    | (20121922) |            |             |
| 389597.26   | 3807577.81  | 32.47936   | (20121922) | 389620.86   |
| 3807572.56  | 32.18743    | (20121922) |            |             |
| 389644.46   | 3807567.31  | 31.68157   | (20121922) | 389668.05   |
| 3807562.06  | 30.97142    | (20121922) |            |             |
| 389691.65   | 3807556.82  | 30.07006   | (20121922) | 389715.25   |
| 3807551.57  | 28.99416    | (20121922) |            |             |
| 389738.84   | 3807546.32  | 27.76443   | (20121922) | 389762.44   |
| 3807541.07  | 26.40238    | (20121922) |            |             |
| 389786.04   | 3807535.82  | 25.04482   | (16011701) | 389809.64   |
| 3807530.57  | 24.77911    | (16011701) |            |             |
| 389833.23   | 3807525.32  | 24.34631   | (16011701) | 389856.83   |
| 3807520.08  | 24.08779    | (18092722) |            |             |
| 389880.43   | 3807514.83  | 24.62832   | (18092722) | 389904.03   |
| 3807509.58  | 25.00580    | (18092722) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389927.62  | 3807504.33 | 25.21174   | (18092722) | 389951.22 |
| 3807499.08 | 25.24138   | (18092722) |            |           |
| 389974.82  | 3807493.83 | 25.09335   | (18092722) | 389998.42 |
| 3807488.58 | 24.77014   | (18092722) |            |           |
| 390022.01  | 3807483.34 | 24.27828   | (18092722) | 390045.61 |
| 3807478.09 | 23.62680   | (18092722) |            |           |
| 390069.21  | 3807472.84 | 22.82879   | (18092722) | 390092.81 |
| 3807467.59 | 21.89983   | (18092722) |            |           |
| 390116.40  | 3807462.34 | 20.85815   | (18092722) | 390140.00 |
| 3807457.09 | 21.01736   | (20021206) |            |           |
| 390163.60  | 3807451.84 | 22.00533   | (20021206) | 390187.20 |
| 3807446.59 | 22.87503   | (20021206) |            |           |
| 390210.79  | 3807441.35 | 23.60821   | (20021206) | 390234.39 |
| 3807436.10 | 24.19007   | (20021206) |            |           |
| 390257.99  | 3807430.85 | 24.60737   | (20021206) | 390281.59 |
| 3807425.60 | 24.85064   | (20021206) |            |           |
| 390305.18  | 3807420.35 | 24.91402   | (20021206) | 390328.78 |
| 3807415.10 | 24.79564   | (20021206) |            |           |
| 390352.38  | 3807409.85 | 24.61286   | (20013022) | 390375.97 |
| 3807404.61 | 25.50608   | (20013022) |            |           |
| 390399.57  | 3807399.36 | 26.23913   | (20013022) | 390423.17 |
| 3807394.11 | 26.79539   | (20013022) |            |           |
| 390446.77  | 3807388.86 | 27.16229   | (20013022) | 390470.36 |
| 3807383.61 | 27.33116   | (20013022) |            |           |
| 390493.96  | 3807378.36 | 27.29781   | (20013022) | 390517.56 |
| 3807373.11 | 27.06228   | (20013022) |            |           |
| 390541.16  | 3807367.86 | 26.62920   | (20013022) | 390564.75 |
| 3807362.62 | 27.09279   | (18120918) |            |           |
| 390588.35  | 3807357.37 | 27.76424   | (18120918) | 390611.95 |
| 3807352.12 | 28.24014   | (18120918) |            |           |
| 390635.55  | 3807346.87 | 28.50938   | (18120918) | 390659.14 |
| 3807341.62 | 28.56535   | (18120918) |            |           |
| 390682.74  | 3807336.37 | 29.67548   | (18120308) | 390706.34 |
| 3807331.12 | 30.97112   | (18120308) |            |           |
| 390729.94  | 3807325.88 | 32.08010   | (18120308) | 390753.53 |
| 3807320.63 | 32.97810   | (18120308) |            |           |
| 390777.13  | 3807315.38 | 33.64539   | (18120308) | 390800.73 |
| 3807310.13 | 34.06603   | (18120308) |            |           |
| 390824.33  | 3807304.88 | 34.22985   | (18120308) | 390847.92 |
| 3807299.63 | 34.13254   | (18120308) |            |           |
| 390871.52  | 3807294.38 | 33.77559   | (18120308) | 390895.12 |
| 3807289.14 | 33.16664   | (18120308) |            |           |
| 390918.72  | 3807283.89 | 32.31853   | (18120308) | 390942.31 |
| 3807278.64 | 31.25020   | (18120308) |            |           |
| 390965.91  | 3807273.39 | 29.98370   | (18120308) | 390989.51 |
| 3807268.14 | 29.76871   | (20010220) |            |           |
| 391013.10  | 3807262.89 | 29.75585   | (20010220) | 391036.70 |
| 3807257.64 | 29.51322   | (20010220) |            |           |
| 391060.30  | 3807252.39 | 30.73254   | (17123103) | 391083.90 |
| 3807247.15 | 31.75931   | (17123103) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391107.49  | 3807241.90 | 32.56605   | (17123103) | 391131.09 |
| 3807236.65 | 33.13448   | (17123103) |            |           |
| 391154.69  | 3807231.40 | 33.45061   | (17123103) | 391178.29 |
| 3807226.15 | 33.50651   | (17123103) |            |           |
| 391201.88  | 3807220.90 | 33.30046   | (17123103) | 391225.48 |
| 3807215.65 | 32.83658   | (17123103) |            |           |
| 391249.08  | 3807210.41 | 32.12531   | (17123103) | 391272.68 |
| 3807205.16 | 31.18225   | (17123103) |            |           |
| 391296.27  | 3807199.91 | 30.02889   | (17123103) | 391319.87 |
| 3807194.66 | 28.68951   | (17123103) |            |           |
| 391343.47  | 3807189.41 | 27.19300   | (17123103) | 391367.07 |
| 3807184.16 | 27.67308   | (17102717) |            |           |
| 391390.66  | 3807178.91 | 28.93987   | (17102717) | 391414.26 |
| 3807173.66 | 30.02639   | (17102717) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 677

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391437.86   | 3807168.42  | 30.90735   | (17102717) | 391461.46   |
| 3807163.17  | 31.56236    | (17102717) |            |             |
| 391485.05   | 3807157.92  | 31.97548   | (17102717) | 391508.65   |
| 3807152.67  | 32.13685    | (17102717) |            |             |
| 391532.25   | 3807147.42  | 32.04198   | (17102717) | 391555.85   |
| 3807142.17  | 31.69269    | (17102717) |            |             |
| 391579.44   | 3807136.92  | 31.09716   | (17102717) | 391603.04   |
| 3807131.68  | 30.26875    | (17102717) |            |             |
| 391626.64   | 3807126.43  | 29.22620   | (17102717) | 391650.23   |
| 3807121.18  | 27.99357    | (17102717) |            |             |
| 391673.83   | 3807115.93  | 27.18366   | (19020706) | 391697.43   |
| 3807110.68  | 28.74532    | (19020706) |            |             |
| 391721.03   | 3807105.43  | 30.15306   | (19020706) | 391744.62   |
| 3807100.18  | 31.37545    | (19020706) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391768.22  | 3807094.94 | 32.38557   | (19020706) | 391791.82 |
| 3807089.69 | 33.15939   | (19020706) |            |           |
| 391815.42  | 3807084.44 | 33.67820   | (19020706) | 391839.01 |
| 3807079.19 | 33.92921   | (19020706) |            |           |
| 391862.61  | 3807073.94 | 33.90623   | (19020706) | 391886.21 |
| 3807068.69 | 33.60930   | (19020706) |            |           |
| 391909.81  | 3807063.44 | 33.04528   | (19020706) | 391933.40 |
| 3807058.19 | 32.22774   | (19020706) |            |           |
| 391957.00  | 3807052.95 | 31.17528   | (19020706) | 391980.60 |
| 3807047.70 | 29.91199   | (19020706) |            |           |
| 392004.20  | 3807042.45 | 28.46641   | (19020706) | 392027.79 |
| 3807037.20 | 29.25344   | (17021124) |            |           |
| 392051.39  | 3807031.95 | 30.75115   | (17021124) | 392074.99 |
| 3807026.70 | 32.06286   | (17021124) |            |           |
| 392098.59  | 3807021.45 | 33.15864   | (17021124) | 392122.18 |
| 3807016.21 | 34.01242   | (17021124) |            |           |
| 392145.78  | 3807010.96 | 34.60449   | (17021124) | 392169.38 |
| 3807005.71 | 34.91985   | (17021124) |            |           |
| 392192.98  | 3807000.46 | 34.95061   | (17021124) | 392216.57 |
| 3806995.21 | 34.69591   | (17021124) |            |           |
| 392240.17  | 3806989.96 | 34.16159   | (17021124) | 392263.77 |
| 3806984.71 | 33.36043   | (17021124) |            |           |
| 392287.36  | 3806979.46 | 32.31188   | (17021124) | 392310.96 |
| 3806974.22 | 31.03980   | (17021124) |            |           |
| 392334.56  | 3806968.97 | 30.32533   | (20031204) | 392358.16 |
| 3806963.72 | 30.36992   | (20031204) |            |           |
| 392381.75  | 3806958.47 | 30.16554   | (20031204) | 392405.35 |
| 3806953.22 | 29.71694   | (20031204) |            |           |
| 392428.95  | 3806947.97 | 29.03494   | (20031204) | 392452.55 |
| 3806942.72 | 28.13580   | (20031204) |            |           |
| 392476.14  | 3806937.48 | 27.04129   | (20031204) | 392499.74 |
| 3806932.23 | 27.24052   | (16102920) |            |           |
| 392523.34  | 3806926.98 | 28.92936   | (16102920) | 392546.94 |
| 3806921.73 | 30.47062   | (16102920) |            |           |
| 392570.53  | 3806916.48 | 31.82991   | (16102920) | 392594.13 |
| 3806911.23 | 32.97738   | (16102920) |            |           |
| 392617.73  | 3806905.98 | 33.88557   | (16102920) | 392641.33 |
| 3806900.74 | 34.53272   | (16102920) |            |           |
| 392664.92  | 3806895.49 | 34.90303   | (16102920) | 392688.52 |
| 3806890.24 | 34.98766   | (16102920) |            |           |
| 392712.12  | 3806884.99 | 34.78428   | (16102920) | 392735.72 |
| 3806879.74 | 34.29787   | (16102920) |            |           |
| 392759.31  | 3806874.49 | 33.54064   | (16102920) | 392782.91 |
| 3806869.24 | 33.84044   | (16040119) |            |           |
| 392806.51  | 3806863.99 | 34.50179   | (16040119) | 392830.11 |
| 3806858.75 | 34.88698   | (16040119) |            |           |
| 392853.70  | 3806853.50 | 34.98657   | (16040119) | 392877.30 |
| 3806848.25 | 34.79826   | (16040119) |            |           |
| 392900.90  | 3806843.00 | 34.32660   | (16040119) | 392924.49 |
| 3806837.75 | 33.58350   | (16040119) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392948.09  | 3806832.50 | 32.58639   | (16040119) | 392971.69 |
| 3806827.25 | 31.35920   | (16040119) |            |           |
| 392995.29  | 3806822.01 | 29.93056   | (16040119) | 393018.88 |
| 3806816.76 | 28.33299   | (16040119) |            |           |
| 393042.48  | 3806811.51 | 27.86123   | (16010219) | 393066.08 |
| 3806806.26 | 29.14277   | (16010219) |            |           |
| 393089.68  | 3806801.01 | 30.23293   | (16010219) | 393113.27 |
| 3806795.76 | 31.10615   | (16010219) |            |           |
| 393136.87  | 3806790.51 | 31.74251   | (16010219) | 393160.47 |
| 3806785.26 | 32.12635   | (16010219) |            |           |
| 393184.07  | 3806780.02 | 32.24849   | (16010219) | 393207.66 |
| 3806774.77 | 32.10611   | (16010219) |            |           |
| 393231.26  | 3806769.52 | 31.70280   | (16010219) | 393254.86 |
| 3806764.27 | 31.04853   | (16010219) |            |           |
| 393278.46  | 3806759.02 | 30.15922   | (16010219) | 393302.05 |
| 3806753.77 | 29.05655   | (16010219) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 678

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393325.65   | 3806748.52  | 27.76528   | (16010219) | 393349.25   |
| 3806743.28  | 28.38992    | (17012519) |            |             |
| 393372.85   | 3806738.03  | 29.97038   | (17012519) | 393396.44   |
| 3806732.78  | 31.37967    | (17012519) |            |             |
| 393420.04   | 3806727.53  | 32.58763   | (17012519) | 393443.64   |
| 3806722.28  | 33.56605    | (17012519) |            |             |
| 393467.24   | 3806717.03  | 34.29213   | (17012519) | 393490.83   |
| 3806711.78  | 34.74860    | (17012519) |            |             |
| 393514.43   | 3806706.53  | 34.92508   | (17012519) | 393538.03   |
| 3806701.29  | 34.81738    | (17012519) |            |             |
| 393561.62   | 3806696.04  | 34.42851   | (17012519) | 393585.22   |
| 3806690.79  | 33.76793    | (17012519) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393608.82  | 3806685.54 | 32.85182   | (17012519) | 393632.42 |
| 3806680.29 | 31.70202   | (17012519) |            |           |
| 393656.01  | 3806675.04 | 30.34584   | (17012519) | 393679.61 |
| 3806669.79 | 28.81271   | (17012519) |            |           |
| 393703.21  | 3806664.55 | 29.50898   | (17121817) | 393726.81 |
| 3806659.30 | 30.94068   | (17121817) |            |           |
| 393750.40  | 3806654.05 | 32.17912   | (17121817) | 393774.00 |
| 3806648.80 | 33.19760   | (17121817) |            |           |
| 393797.60  | 3806643.55 | 33.97229   | (17121817) | 393821.20 |
| 3806638.30 | 34.48528   | (17121817) |            |           |
| 393844.79  | 3806633.05 | 34.72466   | (17121817) | 393868.39 |
| 3806627.81 | 34.68538   | (17121817) |            |           |
| 393891.99  | 3806622.56 | 34.36852   | (17121817) | 393915.59 |
| 3806617.31 | 33.78212   | (17121817) |            |           |
| 393939.18  | 3806612.06 | 32.94087   | (17121817) | 393962.78 |
| 3806606.81 | 31.86410   | (17121817) |            |           |
| 393986.38  | 3806601.56 | 30.57704   | (17121817) | 394009.98 |
| 3806596.31 | 29.10863   | (17121817) |            |           |
| 394033.57  | 3806591.06 | 27.49139   | (17121817) | 394057.17 |
| 3806585.82 | 25.75767   | (17121817) |            |           |
| 394080.77  | 3806580.57 | 24.95762   | (16012117) | 394104.37 |
| 3806575.32 | 25.80661   | (16012117) |            |           |
| 394127.96  | 3806570.07 | 26.47241   | (16012117) | 394151.56 |
| 3806564.82 | 26.94058   | (16012117) |            |           |
| 394175.16  | 3806559.57 | 27.20023   | (16012117) | 394198.75 |
| 3806554.32 | 28.52687   | (17122407) |            |           |
| 394222.35  | 3806549.08 | 30.01309   | (17122407) | 394245.95 |
| 3806543.83 | 31.32729   | (17122407) |            |           |
| 394269.55  | 3806538.58 | 32.44128   | (17122407) | 394293.14 |
| 3806533.33 | 33.33028   | (17122407) |            |           |
| 394316.74  | 3806528.08 | 33.97532   | (17122407) | 394340.34 |
| 3806522.83 | 34.36158   | (17122407) |            |           |
| 394363.94  | 3806517.58 | 34.48062   | (17122407) | 394387.53 |
| 3806512.33 | 34.33036   | (17122407) |            |           |
| 394411.13  | 3806507.09 | 33.91480   | (17122407) | 394434.73 |
| 3806501.84 | 33.24406   | (17122407) |            |           |
| 394458.33  | 3806496.59 | 32.33408   | (17122407) | 394481.92 |
| 3806491.34 | 31.20635   | (17122407) |            |           |
| 394505.52  | 3806486.09 | 29.88519   | (17122407) | 394529.12 |
| 3806480.84 | 28.39962   | (17122407) |            |           |
| 394552.72  | 3806475.59 | 28.94337   | (18061202) | 394576.31 |
| 3806470.35 | 30.31941   | (18061202) |            |           |
| 394599.91  | 3806465.10 | 31.51630   | (18061202) | 394623.51 |
| 3806459.85 | 32.50815   | (18061202) |            |           |
| 394647.11  | 3806454.60 | 33.27364   | (18061202) | 394670.70 |
| 3806449.35 | 33.79605   | (18061202) |            |           |
| 394694.30  | 3806444.10 | 34.06462   | (18061202) | 394717.90 |
| 3806438.85 | 34.07362   | (18061202) |            |           |
| 394741.50  | 3806433.61 | 33.82355   | (18061202) | 394765.09 |
| 3806428.36 | 33.32092   | (18061202) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394788.69  | 3806423.11 | 32.57733   | (18061202) | 394812.29 |
| 3806417.86 | 31.61005   | (18061202) |            |           |
| 394835.88  | 3806412.61 | 30.44122   | (18061202) | 394859.48 |
| 3806407.36 | 30.69413   | (20113008) |            |           |
| 394883.08  | 3806402.11 | 30.78834   | (20113008) | 394906.68 |
| 3806396.86 | 30.65108   | (20113008) |            |           |
| 394930.27  | 3806391.62 | 30.28632   | (20113008) | 394953.87 |
| 3806386.37 | 29.70245   | (20113008) |            |           |
| 394977.47  | 3806381.12 | 28.91306   | (20113008) | 395001.07 |
| 3806375.87 | 27.93578   | (20113008) |            |           |
| 395024.66  | 3806370.62 | 26.79230   | (20113008) | 395048.26 |
| 3806365.37 | 26.87252   | (16010220) |            |           |
| 395071.86  | 3806360.12 | 28.36697   | (16010220) | 395095.46 |
| 3806354.88 | 29.72200   | (16010220) |            |           |
| 395119.05  | 3806349.63 | 30.91049   | (16010220) | 395142.65 |
| 3806344.38 | 31.90966   | (16010220) |            |           |
| 395166.25  | 3806339.13 | 32.69861   | (16010220) | 395189.85 |
| 3806333.88 | 33.26116   | (16010220) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 679

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395213.44   | 3806328.63  | 33.58578   | (16010220) | 395237.04   |
| 3806323.38  | 33.66648    | (16010220) |            |             |
| 395260.64   | 3806318.13  | 33.50206   | (16010220) | 395284.24   |
| 3806312.89  | 33.09692    | (16010220) |            |             |
| 395307.83   | 3806307.64  | 32.46080   | (16010220) | 395331.43   |
| 3806302.39  | 31.60748    | (16010220) |            |             |
| 395355.03   | 3806297.14  | 30.55573   | (16010220) | 395378.63   |
| 3806291.89  | 29.32766    | (16010220) |            |             |
| 395402.22   | 3806286.64  | 27.94883   | (16010220) | 395425.82   |
| 3806281.39  | 27.96574    | (16120407) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395449.42  | 3806276.15 | 29.29504   | (16120407) | 395473.02 |
| 3806270.90 | 30.46755   | (16120407) |            |           |
| 395496.61  | 3806265.65 | 31.46036   | (16120407) | 395520.21 |
| 3806260.40 | 32.25491   | (16120407) |            |           |
| 395543.81  | 3806255.15 | 32.83509   | (16120407) | 395567.40 |
| 3806249.90 | 33.18950   | (16120407) |            |           |
| 395591.00  | 3806244.65 | 33.31183   | (16120407) | 395614.60 |
| 3806239.41 | 33.20017   | (16120407) |            |           |
| 395638.20  | 3806234.16 | 32.85762   | (16120407) | 395661.79 |
| 3806228.91 | 32.29246   | (16120407) |            |           |
| 395685.39  | 3806223.66 | 31.51664   | (16120407) | 395708.99 |
| 3806218.41 | 30.54683   | (16120407) |            |           |
| 395732.59  | 3806213.16 | 29.40290   | (16120407) | 395756.18 |
| 3806207.91 | 28.10814   | (16120407) |            |           |
| 395779.78  | 3806202.66 | 26.68615   | (16120407) | 395803.38 |
| 3806197.42 | 25.16341   | (16120407) |            |           |
| 395826.98  | 3806192.17 | 23.56645   | (16120407) | 395850.57 |
| 3806186.92 | 22.13078   | (20031107) |            |           |
| 395874.17  | 3806181.67 | 22.74643   | (20031107) | 395897.77 |
| 3806176.42 | 23.21971   | (20031107) |            |           |
| 395921.37  | 3806171.17 | 23.54176   | (20031107) | 395944.96 |
| 3806165.92 | 23.70667   | (20031107) |            |           |
| 395968.56  | 3806160.68 | 23.71192   | (20031107) | 395992.16 |
| 3806155.43 | 23.55788   | (20031107) |            |           |
| 396015.76  | 3806150.18 | 23.24828   | (20031107) | 396039.35 |
| 3806144.93 | 23.01992   | (17031703) |            |           |
| 396062.95  | 3806139.68 | 23.62854   | (17031703) | 396086.55 |
| 3806134.43 | 24.09145   | (17031703) |            |           |
| 396110.15  | 3806129.18 | 24.40024   | (17031703) | 396133.74 |
| 3806123.93 | 24.54944   | (17031703) |            |           |
| 396157.34  | 3806118.69 | 24.53695   | (17031703) | 396180.94 |
| 3806113.44 | 24.36350   | (17031703) |            |           |
| 396204.53  | 3806108.19 | 24.67302   | (16022404) | 396228.13 |
| 3806102.94 | 25.47470   | (16022404) |            |           |
| 396251.73  | 3806097.69 | 26.13027   | (16022404) | 396275.33 |
| 3806092.44 | 26.62803   | (16022404) |            |           |
| 396298.92  | 3806087.19 | 26.95907   | (16022404) | 396322.52 |
| 3806081.95 | 27.11811   | (16022404) |            |           |
| 396346.12  | 3806076.70 | 27.10254   | (16022404) | 396369.72 |
| 3806071.45 | 27.71706   | (20021818) |            |           |
| 396393.31  | 3806066.20 | 28.79671   | (20021818) | 396416.91 |
| 3806060.95 | 29.72692   | (20021818) |            |           |
| 396440.51  | 3806055.70 | 30.49110   | (20021818) | 396464.11 |
| 3806050.45 | 31.07597   | (20021818) |            |           |
| 396487.70  | 3806045.21 | 31.47141   | (20021818) | 396511.30 |
| 3806039.96 | 31.67110   | (20021818) |            |           |
| 396534.90  | 3806034.71 | 31.67202   | (20021818) | 396558.50 |
| 3806029.46 | 31.47505   | (20021818) |            |           |
| 396582.09  | 3806024.21 | 31.08495   | (20021818) | 396605.69 |
| 3806018.96 | 30.50946   | (20021818) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396629.29  | 3806013.71 | 30.47850   | (16010907) | 396652.89 |
| 3806008.46 | 31.08722   | (16010907) |            |           |
| 396676.48  | 3806003.22 | 31.51220   | (16010907) | 396700.08 |
| 3805997.97 | 31.74681   | (16010907) |            |           |
| 396723.68  | 3805992.72 | 31.78749   | (16010907) | 396747.28 |
| 3805987.47 | 31.63440   | (16010907) |            |           |
| 396770.87  | 3805982.22 | 31.29139   | (16010907) | 396794.47 |
| 3805976.97 | 30.76527   | (16010907) |            |           |
| 396818.07  | 3805971.72 | 30.06634   | (16010907) | 396841.66 |
| 3805966.48 | 30.61797   | (18020908) |            |           |
| 396865.26  | 3805961.23 | 31.08574   | (18020908) | 396888.86 |
| 3805955.98 | 31.37165   | (18020908) |            |           |
| 396912.46  | 3805950.73 | 31.47151   | (18020908) | 396936.05 |
| 3805945.48 | 31.38449   | (18020908) |            |           |
| 396959.65  | 3805940.23 | 31.11298   | (18020908) | 396983.25 |
| 3805934.98 | 30.66262   | (18020908) |            |           |
| 397006.85  | 3805929.73 | 30.04212   | (18020908) | 397030.44 |
| 3805924.49 | 29.26325   | (18020908) |            |           |
| 397054.04  | 3805919.24 | 28.33925   | (18020908) | 384344.53 |
| 3815731.76 | 10.55157   | (16060403) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 680

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 384343.51   | 3815755.97  | 8.39587    | (16060403) | 384342.50   |
| 3815780.17  | 7.55094     | (17122717) |            |             |
| 384341.49   | 3815804.38  | 8.62327    | (17122717) | 384340.47   |
| 3815828.59  | 10.10572    | (17122717) |            |             |
| 384339.46   | 3815852.79  | 11.58459   | (17122717) | 384338.45   |
| 3815877.00  | 12.32651    | (17122717) |            |             |
| 383023.51   | 3815654.50  | 3.35429    | (16060403) | 383034.66   |
| 3815633.01  | 4.31487     | (16060403) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 383045.81  | 3815611.51          | 5.20651  | (16060403) | 383056.96 |
| 3815590.02 | 5.79420 (16060403)  |          |            |           |
| 383068.11  | 3815568.53          | 5.74498  | (16060403) | 383079.26 |
| 3815547.04 | 5.30116 (16060403)  |          |            |           |
| 383090.40  | 3815525.54          | 4.87446  | (16060403) | 383101.55 |
| 3815504.05 | 5.01317 (16060403)  |          |            |           |
| 383112.70  | 3815482.56          | 6.16571  | (19020106) | 383123.85 |
| 3815461.07 | 7.53517 (19020106)  |          |            |           |
| 383135.00  | 3815439.57          | 9.04036  | (19020106) | 383146.15 |
| 3815418.08 | 10.62594 (19020106) |          |            |           |
| 383157.30  | 3815396.59          | 10.83906 | (19020106) | 383168.45 |
| 3815375.10 | 9.92146 (19020106)  |          |            |           |
| 383179.60  | 3815353.60          | 8.54189  | (19020106) | 383190.75 |
| 3815332.11 | 7.44023 (19020106)  |          |            |           |
| 383201.90  | 3815310.62          | 6.36153  | (19020106) | 383213.05 |
| 3815289.13 | 5.59261 (19020106)  |          |            |           |
| 383224.20  | 3815267.63          | 4.82918  | (17122417) | 383235.35 |
| 3815246.14 | 4.52182 (17122417)  |          |            |           |
| 383246.50  | 3815224.65          | 4.17427  | (17122417) | 383257.64 |
| 3815203.16 | 3.84019 (17122417)  |          |            |           |
| 383268.79  | 3815181.66          | 3.71848  | (17122417) | 383279.94 |
| 3815160.17 | 3.62009 (17122417)  |          |            |           |
| 383291.09  | 3815138.68          | 3.63438  | (17122417) | 383302.24 |
| 3815117.18 | 3.65252 (17122417)  |          |            |           |
| 383313.39  | 3815095.69          | 3.74521  | (16012217) | 383324.54 |
| 3815074.20 | 3.77114 (16012217)  |          |            |           |
| 383335.69  | 3815052.71          | 3.85754  | (16012217) | 383346.84 |
| 3815031.21 | 3.91064 (16012217)  |          |            |           |
| 383357.99  | 3815009.72          | 3.97326  | (16012217) | 383369.14 |
| 3814988.23 | 3.99278 (16012217)  |          |            |           |
| 383380.29  | 3814966.74          | 3.64977  | (16012217) | 383391.44 |
| 3814945.24 | 3.12390 (16012217)  |          |            |           |
| 383402.59  | 3814923.75          | 2.59923  | (16012217) | 383413.74 |
| 3814902.26 | 2.40423 (19112320)  |          |            |           |
| 383424.88  | 3814880.77          | 2.23331  | (19112320) | 383436.03 |
| 3814859.27 | 2.06602 (19112320)  |          |            |           |
| 383447.18  | 3814837.78          | 1.90103  | (19112320) | 383458.33 |
| 3814816.29 | 1.83417 (19120409)  |          |            |           |
| 383469.48  | 3814794.80          | 1.85446  | (19120409) | 383480.63 |
| 3814773.30 | 1.69824 (19120409)  |          |            |           |
| 383491.78  | 3814751.81          | 1.43831  | (19112320) | 383502.93 |
| 3814730.32 | 1.33593 (19112320)  |          |            |           |
| 383514.08  | 3814708.83          | 1.25272  | (20040906) | 383525.23 |
| 3814687.33 | 1.24483 (20040906)  |          |            |           |
| 383536.38  | 3814665.84          | 1.23343  | (20040906) | 383547.53 |
| 3814644.35 | 1.20224 (20040906)  |          |            |           |
| 383558.68  | 3814622.85          | 1.17563  | (20040906) | 383569.83 |
| 3814601.36 | 1.16637 (20040906)  |          |            |           |
| 383580.98  | 3814579.87          | 1.18605  | (20040906) | 383592.12 |
| 3814558.38 | 1.25822 (20040906)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 383603.27  | 3814536.88         | 1.33569 | (20040906) | 383614.42 |
| 3814515.39 | 1.38540 (20040906) |         |            |           |
| 383625.57  | 3814493.90         | 1.41914 | (20040906) | 383636.72 |
| 3814472.41 | 1.43608 (20040906) |         |            |           |
| 383647.87  | 3814450.91         | 1.44040 | (20040906) | 383659.02 |
| 3814429.42 | 1.40822 (20040906) |         |            |           |
| 383670.17  | 3814407.93         | 1.34340 | (20040906) | 383681.32 |
| 3814386.44 | 1.26581 (20040906) |         |            |           |
| 383692.47  | 3814364.94         | 1.17034 | (20040906) | 383703.62 |
| 3814343.45 | 1.09454 (17083021) |         |            |           |
| 383714.77  | 3814321.96         | 1.05342 | (17083021) | 383725.92 |
| 3814300.47 | 1.03077 (17011809) |         |            |           |
| 383737.07  | 3814278.97         | 1.03184 | (17011809) | 383748.22 |
| 3814257.48 | 1.03260 (17011809) |         |            |           |
| 383759.36  | 3814235.99         | 1.03303 | (17011809) | 383770.51 |
| 3814214.50 | 1.03314 (17011809) |         |            |           |
| 383781.66  | 3814193.00         | 1.03292 | (17011809) | 383792.81 |
| 3814171.51 | 1.03238 (17011809) |         |            |           |
| 383803.96  | 3814150.02         | 1.03150 | (17011809) | 383815.11 |
| 3814128.52 | 1.03030 (17011809) |         |            |           |
| 383826.26  | 3814107.03         | 1.02877 | (17011809) | 383837.41 |
| 3814085.54 | 1.02691 (17011809) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 681

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 383848.56   | 3814064.05         | 1.02473    | (17011809) | 383859.71   |
| 3814042.55  | 1.02221 (17011809) |            |            |             |
| 383870.86   | 3814021.06         | 1.01938    | (17011809) | 383882.01   |
| 3813999.57  | 1.01622 (17011809) |            |            |             |
| 383893.16   | 3813978.08         | 1.01274    | (17011809) | 383904.31   |
| 3813956.58  | 1.00895 (17011809) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 383915.46  | 3813935.09         | 1.00698 | (19101006) | 383926.60 |
| 3813913.60 | 1.00041 (17011809) |         |            |           |
| 383937.75  | 3813892.11         | 0.99567 | (17011809) | 383948.90 |
| 3813870.61 | 1.04088 (19101006) |         |            |           |
| 383960.05  | 3813849.12         | 1.09258 | (19101006) | 383971.20 |
| 3813827.63 | 1.09081 (19101006) |         |            |           |
| 383982.35  | 3813806.14         | 1.03465 | (19101006) | 383993.50 |
| 3813784.64 | 0.96749 (17011809) |         |            |           |
| 384004.65  | 3813763.15         | 0.96098 | (17011809) | 384015.80 |
| 3813741.66 | 0.95420 (17011809) |         |            |           |
| 384026.95  | 3813720.17         | 0.88893 | (18021108) | 384038.10 |
| 3813698.67 | 0.89817 (18021108) |         |            |           |
| 384049.25  | 3813677.18         | 0.90917 | (18021108) | 384060.40 |
| 3813655.69 | 0.92439 (18021108) |         |            |           |
| 384071.55  | 3813634.19         | 0.94328 | (18021108) | 384082.70 |
| 3813612.70 | 0.95765 (18021108) |         |            |           |
| 384093.84  | 3813591.21         | 0.96728 | (18021108) | 384104.99 |
| 3813569.72 | 0.97466 (18021108) |         |            |           |
| 384116.14  | 3813548.22         | 0.98669 | (18021108) | 384127.29 |
| 3813526.73 | 0.99568 (18021108) |         |            |           |
| 384138.44  | 3813505.24         | 0.99308 | (18021108) | 384149.59 |
| 3813483.75 | 0.99360 (18021108) |         |            |           |
| 384160.74  | 3813462.25         | 1.00714 | (18021108) | 384171.89 |
| 3813440.76 | 1.02297 (18021108) |         |            |           |
| 384183.04  | 3813419.27         | 1.03265 | (18021108) | 384194.19 |
| 3813397.78 | 1.04279 (18021108) |         |            |           |
| 384205.34  | 3813376.28         | 1.04472 | (18021108) | 384216.49 |
| 3813354.79 | 1.03126 (18021108) |         |            |           |
| 384227.64  | 3813333.30         | 1.01770 | (18021108) | 384238.79 |
| 3813311.81 | 1.00676 (18021108) |         |            |           |
| 384249.94  | 3813290.31         | 0.99334 | (18021108) | 384261.08 |
| 3813268.82 | 0.99022 (18021108) |         |            |           |
| 384272.23  | 3813247.33         | 0.99547 | (18021108) | 384283.38 |
| 3813225.84 | 0.99732 (18021108) |         |            |           |
| 384294.53  | 3813204.34         | 1.00305 | (18021108) | 384305.68 |
| 3813182.85 | 1.01616 (18021108) |         |            |           |
| 384316.83  | 3813161.36         | 1.02898 | (18021108) | 384327.98 |
| 3813139.86 | 1.01876 (18021108) |         |            |           |
| 384339.13  | 3813118.37         | 0.98682 | (18021108) | 384350.28 |
| 3813096.88 | 0.96019 (20090918) |         |            |           |
| 384361.43  | 3813075.39         | 0.96365 | (20090918) | 384372.58 |
| 3813053.89 | 0.95761 (20090918) |         |            |           |
| 384383.73  | 3813032.40         | 0.94066 | (20090918) | 384394.88 |
| 3813010.91 | 0.92780 (20090918) |         |            |           |
| 384406.03  | 3812989.42         | 0.94162 | (20090918) | 384417.17 |
| 3812967.92 | 0.95419 (20090918) |         |            |           |
| 384428.32  | 3812946.43         | 0.95062 | (20090918) | 384439.47 |
| 3812924.94 | 0.94772 (20090918) |         |            |           |
| 384450.62  | 3812903.45         | 0.94717 | (20090918) | 384461.77 |
| 3812881.95 | 0.93652 (20090918) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384472.92  | 3812860.46         | 0.92978 | (20090918) | 384484.07 |
| 3812838.97 | 0.92072 (20090918) |         |            |           |
| 384495.22  | 3812817.48         | 0.89838 | (20090918) | 384506.37 |
| 3812795.98 | 0.86403 (20090918) |         |            |           |
| 384517.52  | 3812774.49         | 0.83790 | (16121810) | 384528.67 |
| 3812753.00 | 0.83753 (16121810) |         |            |           |
| 384539.82  | 3812731.51         | 0.83700 | (16121810) | 384550.97 |
| 3812710.01 | 0.84679 (19123116) |         |            |           |
| 384562.12  | 3812688.52         | 0.86897 | (19123116) | 384573.27 |
| 3812667.03 | 0.88241 (19123116) |         |            |           |
| 384584.41  | 3812645.53         | 0.90908 | (19123116) | 384595.56 |
| 3812624.04 | 1.00623 (16021908) |         |            |           |
| 384606.71  | 3812602.55         | 1.10047 | (16021908) | 384617.86 |
| 3812581.06 | 1.08469 (16021908) |         |            |           |
| 384629.01  | 3812559.56         | 1.01393 | (16021908) | 384640.16 |
| 3812538.07 | 0.92332 (16021908) |         |            |           |
| 384651.31  | 3812516.58         | 0.87762 | (19123116) | 384662.46 |
| 3812495.09 | 0.86597 (19123116) |         |            |           |
| 384673.61  | 3812473.59         | 0.86690 | (19112219) | 384684.76 |
| 3812452.10 | 0.85015 (19112219) |         |            |           |
| 384695.91  | 3812430.61         | 0.82796 | (19112219) | 384707.06 |
| 3812409.12 | 0.80853 (16121810) |         |            |           |
| 384718.21  | 3812387.62         | 0.80531 | (16121810) | 384729.36 |
| 3812366.13 | 0.80193 (16121810) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 682

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 384740.51   | 3812344.64         | 0.75168    | (16082807) | 384751.65   |
| 3812323.15  | 0.76273 (16082807) |            |            |             |
| 384762.80   | 3812301.65         | 0.79087    | (16121810) | 384773.95   |
| 3812280.16  | 0.82574 (19090807) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384785.10  | 3812258.67         | 0.85817 | (19090807) | 384796.25 |
| 3812237.18 | 0.86143 (19090807) |         |            |           |
| 384807.40  | 3812215.68         | 0.87185 | (19090807) | 384818.55 |
| 3812194.19 | 0.91408 (19090807) |         |            |           |
| 384829.70  | 3812172.70         | 0.95422 | (19090807) | 384840.85 |
| 3812151.20 | 0.99385 (19090807) |         |            |           |
| 384852.00  | 3812129.71         | 1.03356 | (19090807) | 384863.15 |
| 3812108.22 | 1.07862 (19090807) |         |            |           |
| 384874.30  | 3812086.73         | 1.11298 | (19090807) | 384885.45 |
| 3812065.23 | 1.11375 (19090807) |         |            |           |
| 384896.60  | 3812043.74         | 1.09434 | (19090807) | 384907.75 |
| 3812022.25 | 1.08553 (19090807) |         |            |           |
| 384918.89  | 3812000.76         | 1.10859 | (19090807) | 384930.04 |
| 3811979.26 | 1.16394 (19090807) |         |            |           |
| 384941.19  | 3811957.77         | 1.17902 | (19090807) | 384952.34 |
| 3811936.28 | 1.14498 (19090807) |         |            |           |
| 384963.49  | 3811914.79         | 1.07474 | (19090807) | 384974.64 |
| 3811893.29 | 1.01228 (19090807) |         |            |           |
| 384985.79  | 3811871.80         | 0.97671 | (19090807) | 384996.94 |
| 3811850.31 | 0.96112 (19090807) |         |            |           |
| 385008.09  | 3811828.82         | 0.96460 | (16082807) | 385019.24 |
| 3811807.32 | 0.97022 (16082807) |         |            |           |
| 385030.39  | 3811785.83         | 0.97551 | (16082807) | 385041.54 |
| 3811764.34 | 0.98048 (16082807) |         |            |           |
| 385052.69  | 3811742.85         | 0.98510 | (16082807) | 385063.84 |
| 3811721.35 | 0.98939 (16082807) |         |            |           |
| 385074.99  | 3811699.86         | 0.99333 | (16082807) | 385086.13 |
| 3811678.37 | 0.99692 (16082807) |         |            |           |
| 385097.28  | 3811656.87         | 1.00015 | (16082807) | 385108.43 |
| 3811635.38 | 1.00303 (16082807) |         |            |           |
| 385119.58  | 3811613.89         | 1.00555 | (16082807) | 385130.73 |
| 3811592.40 | 1.00770 (16082807) |         |            |           |
| 385141.88  | 3811570.90         | 1.00949 | (16082807) | 385153.03 |
| 3811549.41 | 1.01091 (16082807) |         |            |           |
| 385164.18  | 3811527.92         | 1.01196 | (16082807) | 385175.33 |
| 3811506.43 | 1.01264 (16082807) |         |            |           |
| 385186.48  | 3811484.93         | 1.01294 | (16082807) | 385197.63 |
| 3811463.44 | 1.01288 (16082807) |         |            |           |
| 385208.78  | 3811441.95         | 1.01244 | (16082807) | 385219.93 |
| 3811420.46 | 1.01163 (16082807) |         |            |           |
| 385231.08  | 3811398.96         | 1.01045 | (16082807) | 385242.23 |
| 3811377.47 | 1.00890 (16082807) |         |            |           |
| 385253.37  | 3811355.98         | 1.00699 | (16082807) | 385264.52 |
| 3811334.49 | 1.00470 (16082807) |         |            |           |
| 385275.67  | 3811312.99         | 1.00206 | (16082807) | 385286.82 |
| 3811291.50 | 0.99905 (16082807) |         |            |           |
| 385297.97  | 3811270.01         | 0.99569 | (16082807) | 385309.12 |
| 3811248.52 | 0.99197 (16082807) |         |            |           |
| 385320.27  | 3811227.02         | 0.98791 | (16082807) | 385331.42 |
| 3811205.53 | 0.98350 (16082807) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385342.57  | 3811184.04 | 0.97875    | (16082807) | 385353.72 |
| 3811162.54 | 0.97366    | (16082807) |            |           |
| 385364.87  | 3811141.05 | 0.96824    | (16082807) | 385376.02 |
| 3811119.56 | 0.96250    | (16082807) |            |           |
| 385387.17  | 3811098.07 | 0.95644    | (16082807) | 385398.32 |
| 3811076.57 | 0.95007    | (16082807) |            |           |
| 385409.47  | 3811055.08 | 0.94340    | (16082807) | 385420.61 |
| 3811033.59 | 0.93643    | (16082807) |            |           |
| 385431.76  | 3811012.10 | 0.92917    | (16082807) | 385442.91 |
| 3810990.60 | 0.93192    | (20041007) |            |           |
| 385454.06  | 3810969.11 | 0.93244    | (20041007) | 385465.21 |
| 3810947.62 | 0.93104    | (20041007) |            |           |
| 385476.36  | 3810926.13 | 0.92652    | (20041007) | 385487.51 |
| 3810904.63 | 0.92281    | (20041007) |            |           |
| 385498.66  | 3810883.14 | 0.91716    | (20041007) | 385509.81 |
| 3810861.65 | 0.91110    | (20041007) |            |           |
| 385520.96  | 3810840.16 | 0.90339    | (20041007) | 385532.11 |
| 3810818.66 | 0.89491    | (20041007) |            |           |
| 385543.26  | 3810797.17 | 0.89557    | (16122516) | 385554.41 |
| 3810775.68 | 0.90824    | (16122516) |            |           |
| 385565.56  | 3810754.19 | 0.92093    | (16122516) | 385576.71 |
| 3810732.69 | 0.93184    | (16122516) |            |           |
| 385587.85  | 3810711.20 | 0.94142    | (16122516) | 385599.00 |
| 3810689.71 | 0.94870    | (16122516) |            |           |
| 385610.15  | 3810668.21 | 0.95600    | (16122516) | 385621.30 |
| 3810646.72 | 0.95948    | (16122516) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 683

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385632.45   | 3810625.23  | 0.96264    | (16122516) | 385643.60   |
| 3810603.74  | 0.96659     | (16122516) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385654.75  | 3810582.24         | 0.97153 | (16122516) | 385665.90 |
| 3810560.75 | 0.99018 (16122516) |         |            |           |
| 385677.05  | 3810539.26         | 1.01186 | (16122516) | 385688.20 |
| 3810517.77 | 1.04110 (16122516) |         |            |           |
| 385699.35  | 3810496.27         | 1.06374 | (16122516) | 385710.50 |
| 3810474.78 | 1.09775 (19102117) |         |            |           |
| 385721.65  | 3810453.29         | 1.13165 | (19102117) | 385732.80 |
| 3810431.80 | 1.13963 (19102117) |         |            |           |
| 385743.95  | 3810410.30         | 1.16150 | (19102117) | 385755.09 |
| 3810388.81 | 1.17286 (19102117) |         |            |           |
| 385766.24  | 3810367.32         | 1.18418 | (19102117) | 385777.39 |
| 3810345.83 | 1.18846 (19102117) |         |            |           |
| 385788.54  | 3810324.33         | 1.18369 | (19102117) | 385799.69 |
| 3810302.84 | 1.16884 (19102117) |         |            |           |
| 385810.84  | 3810281.35         | 1.16256 | (19102117) | 385821.99 |
| 3810259.86 | 1.16400 (19102117) |         |            |           |
| 385833.14  | 3810238.36         | 1.17485 | (19102117) | 385844.29 |
| 3810216.87 | 1.20474 (19020717) |         |            |           |
| 385855.44  | 3810195.38         | 1.23149 | (19020717) | 385866.59 |
| 3810173.89 | 1.25507 (19020717) |         |            |           |
| 385877.74  | 3810152.39         | 1.27500 | (19020717) | 385888.89 |
| 3810130.90 | 1.29750 (19020717) |         |            |           |
| 385900.04  | 3810109.41         | 1.31729 | (19020717) | 385911.19 |
| 3810087.91 | 1.32945 (19020717) |         |            |           |
| 385922.33  | 3810066.42         | 1.32969 | (19020717) | 385933.48 |
| 3810044.93 | 1.32799 (19020717) |         |            |           |
| 385944.63  | 3810023.44         | 1.32769 | (19020717) | 385955.78 |
| 3810001.94 | 1.31428 (19020717) |         |            |           |
| 385966.93  | 3809980.45         | 1.30976 | (19020717) | 385978.08 |
| 3809958.96 | 1.31314 (19020717) |         |            |           |
| 385989.23  | 3809937.47         | 1.30945 | (19020717) | 386000.38 |
| 3809915.97 | 1.30653 (19020717) |         |            |           |
| 386011.53  | 3809894.48         | 1.30548 | (19020717) | 386022.68 |
| 3809872.99 | 1.30258 (19020717) |         |            |           |
| 386033.83  | 3809851.50         | 1.30511 | (19020717) | 386044.98 |
| 3809830.00 | 1.29312 (19020717) |         |            |           |
| 386056.13  | 3809808.51         | 1.27858 | (19020717) | 386067.28 |
| 3809787.02 | 1.25434 (19020717) |         |            |           |
| 386078.43  | 3809765.53         | 1.23761 | (19020717) | 386089.57 |
| 3809744.03 | 1.22117 (19020717) |         |            |           |
| 386100.72  | 3809722.54         | 1.20299 | (19020717) | 386111.87 |
| 3809701.05 | 1.18246 (19020717) |         |            |           |
| 386123.02  | 3809679.56         | 1.16329 | (19020717) | 386134.17 |
| 3809658.06 | 1.15180 (19020717) |         |            |           |
| 386145.32  | 3809636.57         | 1.14007 | (19020717) | 386156.47 |
| 3809615.08 | 1.34290 (17041018) |         |            |           |
| 386167.62  | 3809593.58         | 1.51369 | (17041018) | 386178.77 |
| 3809572.09 | 1.69494 (17041018) |         |            |           |
| 386189.92  | 3809550.60         | 1.89284 | (17041018) | 386201.07 |
| 3809529.11 | 2.09562 (17041018) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386212.22  | 3809507.61         | 2.56081 | (17041018) | 386223.37 |
| 3809486.12 | 3.22115 (17041018) |         |            |           |
| 386234.52  | 3809464.63         | 4.00828 | (17041018) | 386245.67 |
| 3809443.14 | 4.36823 (17041018) |         |            |           |
| 386256.81  | 3809421.64         | 4.56335 | (18091323) | 386267.96 |
| 3809400.15 | 4.97386 (18091323) |         |            |           |
| 386279.11  | 3809378.66         | 6.05695 | (18091323) | 386290.26 |
| 3809357.17 | 6.67510 (18091323) |         |            |           |
| 386301.41  | 3809335.67         | 6.09725 | (18091323) | 386312.56 |
| 3809314.18 | 4.47125 (18091323) |         |            |           |
| 386323.71  | 3809292.69         | 3.73349 | (17041018) | 386334.86 |
| 3809271.20 | 3.09828 (17041018) |         |            |           |
| 386346.01  | 3809249.70         | 2.56992 | (17041018) | 386357.16 |
| 3809228.21 | 2.52391 (17041018) |         |            |           |
| 386368.31  | 3809206.72         | 2.83083 | (17041018) | 386379.46 |
| 3809185.23 | 3.37500 (19113008) |         |            |           |
| 386390.61  | 3809163.73         | 4.57798 | (16091003) | 386401.76 |
| 3809142.24 | 6.03458 (16091003) |         |            |           |
| 386412.91  | 3809120.75         | 7.23268 | (16091003) | 386424.05 |
| 3809099.25 | 8.26875 (16091003) |         |            |           |
| 386435.20  | 3809077.76         | 8.58813 | (16091003) | 386446.35 |
| 3809056.27 | 8.46175 (16091003) |         |            |           |
| 386457.50  | 3809034.78         | 7.40411 | (16091003) | 386468.65 |
| 3809013.28 | 5.88220 (16091003) |         |            |           |
| 386479.80  | 3808991.79         | 4.98013 | (16091003) | 386490.95 |
| 3808970.30 | 4.40292 (16091003) |         |            |           |
| 386502.10  | 3808948.81         | 4.39865 | (16091003) | 386513.25 |
| 3808927.31 | 4.81062 (20051001) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 684

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 386524.40  | 3808905.82          | 5.04377 | (20051001) | 386535.55 |
| 3808884.33 | 5.29069 (19013104)  |         |            |           |
| 386546.70  | 3808862.84          | 5.08590 | (19013104) | 386557.85 |
| 3808841.34 | 4.69013 (19013104)  |         |            |           |
| 386569.00  | 3808819.85          | 3.86905 | (19013104) | 386580.14 |
| 3808798.36 | 3.41042 (19013104)  |         |            |           |
| 386591.29  | 3808776.87          | 3.48137 | (19013104) | 386602.44 |
| 3808755.37 | 3.85844 (19013104)  |         |            |           |
| 386613.59  | 3808733.88          | 3.03234 | (19013104) | 386624.74 |
| 3808712.39 | 2.51807 (19013104)  |         |            |           |
| 386635.89  | 3808690.90          | 2.29058 | (19111517) | 386647.04 |
| 3808669.40 | 2.18072 (19011017)  |         |            |           |
| 386658.19  | 3808647.91          | 2.11025 | (19011017) | 386669.34 |
| 3808626.42 | 2.07711 (19011017)  |         |            |           |
| 386680.49  | 3808604.92          | 2.15531 | (19011017) | 386691.64 |
| 3808583.43 | 2.18821 (19011017)  |         |            |           |
| 386702.79  | 3808561.94          | 2.33432 | (19111517) | 386713.94 |
| 3808540.45 | 2.59962 (19111517)  |         |            |           |
| 386725.09  | 3808518.95          | 2.62653 | (19111517) | 386736.24 |
| 3808497.46 | 2.58551 (19111517)  |         |            |           |
| 386747.38  | 3808475.97          | 2.53097 | (19111517) | 386758.53 |
| 3808454.48 | 2.61305 (19111517)  |         |            |           |
| 386769.68  | 3808432.98          | 2.70869 | (17010807) | 386780.83 |
| 3808411.49 | 2.66212 (17010807)  |         |            |           |
| 386791.98  | 3808390.00          | 2.46938 | (17012518) | 386803.13 |
| 3808368.51 | 2.47325 (17012518)  |         |            |           |
| 386814.28  | 3808347.01          | 2.45416 | (17012518) | 386825.43 |
| 3808325.52 | 2.49632 (17012518)  |         |            |           |
| 386836.58  | 3808304.03          | 2.52581 | (17012518) | 386847.73 |
| 3808282.54 | 2.51461 (17012518)  |         |            |           |
| 386858.88  | 3808261.04          | 2.57016 | (17010807) | 386870.03 |
| 3808239.55 | 2.65559 (18030506)  |         |            |           |
| 386881.18  | 3808218.06          | 2.83635 | (18030506) | 386892.33 |
| 3808196.57 | 3.05466 (18030506)  |         |            |           |
| 386903.48  | 3808175.07          | 3.45096 | (18030506) | 386914.62 |
| 3808153.58 | 3.48892 (18030506)  |         |            |           |
| 386925.77  | 3808132.09          | 3.67999 | (18030506) | 386936.92 |
| 3808110.59 | 4.33470 (18030506)  |         |            |           |
| 386948.07  | 3808089.10          | 5.43832 | (18030506) | 386959.22 |
| 3808067.61 | 6.76785 (18030506)  |         |            |           |
| 386970.37  | 3808046.12          | 7.13760 | (18030506) | 386981.52 |
| 3808024.62 | 6.93985 (18030506)  |         |            |           |
| 386992.67  | 3808003.13          | 7.25001 | (18030506) | 387003.82 |
| 3807981.64 | 7.57491 (18030506)  |         |            |           |
| 387014.97  | 3807960.15          | 7.71170 | (18010221) | 387026.12 |
| 3807938.65 | 8.19739 (18010221)  |         |            |           |
| 387037.27  | 3807917.16          | 9.05211 | (18010221) | 387048.42 |
| 3807895.67 | 9.52132 (18010221)  |         |            |           |
| 387059.57  | 3807874.18          | 9.90058 | (18010221) | 387070.72 |
| 3807852.68 | 10.54168 (18010221) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387081.86  | 3807831.19 | 11.01090   | (18010221) | 387093.01 |
| 3807809.70 | 11.39487   | (18010221) |            |           |
| 387104.16  | 3807788.21 | 11.55815   | (18010221) | 387115.31 |
| 3807766.71 | 11.38850   | (18010221) |            |           |
| 387126.46  | 3807745.22 | 11.82091   | (18010221) | 387137.61 |
| 3807723.73 | 12.62920   | (18032807) |            |           |
| 387148.76  | 3807702.24 | 13.69583   | (18032807) | 387159.91 |
| 3807680.74 | 15.53176   | (18032807) |            |           |
| 387171.06  | 3807659.25 | 16.50487   | (18032807) | 387182.21 |
| 3807637.76 | 16.83993   | (18032807) |            |           |
| 387193.36  | 3807616.26 | 18.86518   | (18032807) | 387204.51 |
| 3807594.77 | 20.00871   | (18032807) |            |           |
| 387215.66  | 3807573.28 | 20.81159   | (18032807) | 387226.81 |
| 3807551.79 | 20.05637   | (18032807) |            |           |
| 387237.96  | 3807530.29 | 19.55350   | (18032807) | 387249.10 |
| 3807508.80 | 19.47322   | (18032807) |            |           |
| 387260.25  | 3807487.31 | 19.54621   | (18032807) | 387271.40 |
| 3807465.82 | 19.15255   | (18032807) |            |           |
| 387282.55  | 3807444.32 | 17.72484   | (18032807) | 387293.70 |
| 3807422.83 | 16.85334   | (18032807) |            |           |
| 387304.85  | 3807401.34 | 16.12380   | (18032807) | 387316.00 |
| 3807379.85 | 14.81148   | (18032807) |            |           |
| 387327.15  | 3807358.35 | 14.84608   | (18032807) | 387338.30 |
| 3807336.86 | 15.03556   | (17122507) |            |           |
| 387349.45  | 3807315.37 | 15.43873   | (17122507) | 387360.60 |
| 3807293.88 | 15.52973   | (17122507) |            |           |
| 387371.75  | 3807272.38 | 15.07319   | (17122507) | 387382.90 |
| 3807250.89 | 15.94254   | (16110418) |            |           |
| 387394.05  | 3807229.40 | 17.17806   | (16110418) | 387405.20 |
| 3807207.91 | 18.84014   | (16110418) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 685

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| -----      |           |            |          |            |           |
|            | 387416.34 | 3807186.41 | 19.94818 | (16110418) | 387427.49 |
| 3807164.92 | 21.66789  | (16110418) |          |            |           |
|            | 387438.64 | 3807143.43 | 22.82335 | (16110418) | 387449.79 |
| 3807121.93 | 24.36208  | (16110418) |          |            |           |
|            | 387460.94 | 3807100.44 | 25.46362 | (16110418) | 387472.09 |
| 3807078.95 | 26.00853  | (16110418) |          |            |           |
|            | 387483.24 | 3807057.46 | 26.43604 | (16110418) | 387494.39 |
| 3807035.96 | 26.74067  | (16110418) |          |            |           |
|            | 387505.54 | 3807014.47 | 26.91849 | (16110418) | 387516.69 |
| 3806992.98 | 26.96759  | (16110418) |          |            |           |
|            | 387527.84 | 3806971.49 | 26.88786 | (16110418) | 387538.99 |
| 3806949.99 | 26.68092  | (16110418) |          |            |           |
|            | 387550.14 | 3806928.50 | 26.35040 | (16110418) | 387561.29 |
| 3806907.01 | 25.90144  | (16110418) |          |            |           |
|            | 387572.44 | 3806885.52 | 25.34079 | (16110418) | 387583.58 |
| 3806864.02 | 24.67659  | (16110418) |          |            |           |
|            | 387594.73 | 3806842.53 | 23.91816 | (16110418) | 387605.88 |
| 3806821.04 | 23.07581  | (16110418) |          |            |           |
|            | 387617.03 | 3806799.55 | 22.16062 | (16110418) | 387651.82 |
| 3806772.80 | 20.47030  | (16122121) |          |            |           |
|            | 387675.45 | 3806767.54 | 21.25344 | (16122121) | 387699.09 |
| 3806762.28 | 21.96310  | (16122121) |          |            |           |
|            | 387722.72 | 3806757.03 | 22.58892 | (16122121) | 387746.36 |
| 3806751.77 | 23.12280  | (16122121) |          |            |           |
|            | 387769.99 | 3806746.51 | 23.55642 | (16122121) | 387793.63 |
| 3806741.25 | 23.88355  | (16122121) |          |            |           |
|            | 387817.26 | 3806736.00 | 24.09882 | (16122121) | 387840.90 |
| 3806730.74 | 24.19886  | (16122121) |          |            |           |
|            | 387864.53 | 3806725.48 | 24.18159 | (16122121) | 387888.16 |
| 3806720.23 | 24.04692  | (16122121) |          |            |           |
|            | 387911.80 | 3806714.97 | 23.79607 | (16122121) | 387935.43 |
| 3806709.71 | 23.43241  | (16122121) |          |            |           |
|            | 387959.07 | 3806704.46 | 22.96063 | (16122121) | 387982.70 |
| 3806699.20 | 22.38708  | (16122121) |          |            |           |
|            | 388006.34 | 3806693.94 | 21.76985 | (20040905) | 388029.97 |
| 3806688.68 | 22.00743  | (20040905) |          |            |           |
|            | 388053.61 | 3806683.43 | 22.13750 | (20040905) | 388077.24 |
| 3806678.17 | 22.15757  | (20040905) |          |            |           |
|            | 388100.88 | 3806672.91 | 22.06689 | (20040905) | 388124.51 |
| 3806667.66 | 21.86652  | (20040905) |          |            |           |
|            | 388148.15 | 3806662.40 | 21.55871 | (20040905) | 388171.78 |
| 3806657.14 | 21.14788  | (20040905) |          |            |           |
|            | 388195.42 | 3806651.89 | 20.63955 | (20040905) | 388219.05 |
| 3806646.63 | 20.76297  | (17021606) |          |            |           |
|            | 388242.69 | 3806641.37 | 21.01658 | (17021606) | 388266.32 |
| 3806636.12 | 21.16509  | (17021606) |          |            |           |
|            | 388289.96 | 3806630.86 | 21.20594 | (17021606) | 388313.59 |
| 3806625.60 | 21.13800  | (17021606) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388337.23  | 3806620.34 | 20.96185   | (17021606) | 388360.86 |
| 3806615.09 | 20.68000   | (17021606) |            |           |
| 388384.50  | 3806609.83 | 20.29596   | (17021606) | 388408.13 |
| 3806604.57 | 19.81550   | (17021606) |            |           |
| 388431.77  | 3806599.32 | 19.24528   | (17021606) | 388455.40 |
| 3806594.06 | 18.59346   | (17021606) |            |           |
| 388479.03  | 3806588.80 | 17.86910   | (17021606) | 388502.67 |
| 3806583.55 | 17.08208   | (17021606) |            |           |
| 388526.30  | 3806578.29 | 16.24309   | (17021606) | 388549.94 |
| 3806573.03 | 15.36266   | (17021606) |            |           |
| 388573.57  | 3806567.77 | 15.62253   | (20121922) | 388597.21 |
| 3806562.52 | 16.86604   | (20121922) |            |           |
| 388620.84  | 3806557.26 | 18.11292   | (20121922) | 388644.48 |
| 3806552.00 | 19.35017   | (20121922) |            |           |
| 388668.11  | 3806546.75 | 20.56207   | (20121922) | 388691.75 |
| 3806541.49 | 21.73492   | (20121922) |            |           |
| 388715.38  | 3806536.23 | 22.85209   | (20121922) | 388739.02 |
| 3806530.98 | 23.89875   | (20121922) |            |           |
| 388762.65  | 3806525.72 | 24.85942   | (20121922) | 388786.29 |
| 3806520.46 | 25.72016   | (20121922) |            |           |
| 388809.92  | 3806515.20 | 26.46694   | (20121922) | 388833.56 |
| 3806509.95 | 27.08825   | (20121922) |            |           |
| 388857.19  | 3806504.69 | 27.57356   | (20121922) | 388880.83 |
| 3806499.43 | 27.91483   | (20121922) |            |           |
| 388904.46  | 3806494.18 | 28.10573   | (20121922) | 388928.10 |
| 3806488.92 | 28.14277   | (20121922) |            |           |
| 388951.73  | 3806483.66 | 28.02473   | (20121922) | 388975.37 |
| 3806478.41 | 27.75305   | (20121922) |            |           |
| 388999.00  | 3806473.15 | 27.33168   | (20121922) | 389022.64 |
| 3806467.89 | 26.76678   | (20121922) |            |           |
| 389046.27  | 3806462.64 | 26.06761   | (20121922) | 389069.91 |
| 3806457.38 | 25.24404   | (20121922) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 686

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 389093.54   | 3806452.12          | 24.30935   | (20121922) | 389117.17   |
| 3806446.86  | 23.27722 (20121922) |            |            |             |
| 389140.81   | 3806441.61          | 22.16261   | (20121922) | 389164.44   |
| 3806436.35  | 21.57564 (16011701) |            |            |             |
| 389188.08   | 3806431.09          | 21.33066   | (16011701) | 389211.71   |
| 3806425.84  | 20.96919 (16011701) |            |            |             |
| 389235.35   | 3806420.58          | 20.78173   | (18092722) | 389258.98   |
| 3806415.32  | 21.21669 (18092722) |            |            |             |
| 389282.62   | 3806410.07          | 21.53796   | (18092722) | 389306.25   |
| 3806404.81  | 21.73956 (18092722) |            |            |             |
| 389329.89   | 3806399.55          | 21.81778   | (18092722) | 389353.52   |
| 3806394.29  | 21.77082 (18092722) |            |            |             |
| 389377.16   | 3806389.04          | 21.59914   | (18092722) | 389400.79   |
| 3806383.78  | 21.30529 (18092722) |            |            |             |
| 389424.43   | 3806378.52          | 20.89374   | (18092722) | 389448.06   |
| 3806373.27  | 20.37156 (18092722) |            |            |             |
| 389471.70   | 3806368.01          | 19.74648   | (18092722) | 389495.33   |
| 3806362.75  | 19.02904 (18092722) |            |            |             |
| 389518.97   | 3806357.50          | 18.23015   | (18092722) | 389542.60   |
| 3806352.24  | 17.67704 (20021206) |            |            |             |
| 389566.24   | 3806346.98          | 18.49361   | (20021206) | 389589.87   |
| 3806341.72  | 19.23491 (20021206) |            |            |             |
| 389613.51   | 3806336.47          | 19.88926   | (20021206) | 389637.14   |
| 3806331.21  | 20.44528 (20021206) |            |            |             |
| 389660.78   | 3806325.95          | 20.89360   | (20021206) | 389684.41   |
| 3806320.70  | 21.22579 (20021206) |            |            |             |
| 389708.04   | 3806315.44          | 21.43599   | (20021206) | 389731.68   |
| 3806310.18  | 21.52009 (20021206) |            |            |             |
| 389755.31   | 3806304.93          | 21.47620   | (20021206) | 389778.95   |
| 3806299.67  | 21.30466 (20021206) |            |            |             |
| 389802.58   | 3806294.41          | 21.52736   | (20013022) | 389826.22   |
| 3806289.16  | 22.19254 (20013022) |            |            |             |
| 389849.85   | 3806283.90          | 22.74159   | (20013022) | 389873.49   |
| 3806278.64  | 23.16496 (20013022) |            |            |             |
| 389897.12   | 3806273.38          | 23.45449   | (20013022) | 389920.76   |
| 3806268.13  | 23.60487 (20013022) |            |            |             |
| 389944.39   | 3806262.87          | 23.61289   | (20013022) | 389968.03   |
| 3806257.61  | 23.47804 (20013022) |            |            |             |
| 389991.66   | 3806252.36          | 23.20256   | (20013022) | 390015.30   |
| 3806247.10  | 22.95266 (18120918) |            |            |             |
| 390038.93   | 3806241.84          | 23.57667   | (18120918) | 390062.57   |
| 3806236.59  | 24.07073 (18120918) |            |            |             |
| 390086.20   | 3806231.33          | 24.42539   | (18120918) | 390109.84   |
| 3806226.07  | 24.63410 (18120918) |            |            |             |
| 390133.47   | 3806220.81          | 24.69251   | (18120918) | 390157.11   |
| 3806215.56  | 25.26147 (18120308) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390180.74  | 3806210.30 | 26.32296   | (18120308) | 390204.38 |
| 3806205.04 | 27.26125   | (18120308) |            |           |
| 390228.01  | 3806199.79 | 28.05903   | (18120308) | 390251.65 |
| 3806194.53 | 28.70268   | (18120308) |            |           |
| 390275.28  | 3806189.27 | 29.17958   | (18120308) | 390298.91 |
| 3806184.02 | 29.48091   | (18120308) |            |           |
| 390322.55  | 3806178.76 | 29.60074   | (18120308) | 390346.18 |
| 3806173.50 | 29.53628   | (18120308) |            |           |
| 390369.82  | 3806168.24 | 29.28829   | (18120308) | 390393.45 |
| 3806162.99 | 28.86125   | (18120308) |            |           |
| 390417.09  | 3806157.73 | 28.26216   | (18120308) | 390440.72 |
| 3806152.47 | 27.50214   | (18120308) |            |           |
| 390464.36  | 3806147.22 | 26.59417   | (18120308) | 390487.99 |
| 3806141.96 | 25.60122   | (20010220) |            |           |
| 390511.63  | 3806136.70 | 25.74030   | (20010220) | 390535.26 |
| 3806131.45 | 25.71729   | (20010220) |            |           |
| 390558.90  | 3806126.19 | 25.53221   | (20010220) | 390582.53 |
| 3806120.93 | 26.31095   | (17123103) |            |           |
| 390606.17  | 3806115.68 | 27.16342   | (17123103) | 390629.80 |
| 3806110.42 | 27.86617   | (17123103) |            |           |
| 390653.44  | 3806105.16 | 28.40645   | (17123103) | 390677.07 |
| 3806099.90 | 28.77341   | (17123103) |            |           |
| 390700.71  | 3806094.65 | 28.96011   | (17123103) | 390724.34 |
| 3806089.39 | 28.96246   | (17123103) |            |           |
| 390747.98  | 3806084.13 | 28.78009   | (17123103) | 390771.61 |
| 3806078.88 | 28.41636   | (17123103) |            |           |
| 390795.25  | 3806073.62 | 27.87739   | (17123103) | 390818.88 |
| 3806068.36 | 27.17349   | (17123103) |            |           |
| 390842.52  | 3806063.11 | 26.31705   | (17123103) | 390866.15 |
| 3806057.85 | 25.32373   | (17123103) |            |           |
| 390889.79  | 3806052.59 | 24.21036   | (17123103) | 390913.42 |
| 3806047.33 | 22.99679   | (17123103) |            |           |
| 390937.05  | 3806042.08 | 24.03953   | (17102717) | 390960.69 |
| 3806036.82 | 25.02400   | (17102717) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 687

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 390984.32   | 3806031.56          | 25.88064   | (17102717) | 391007.96   |
| 3806026.31  | 26.59419 (17102717) |            |            |             |
| 391031.59   | 3806021.05          | 27.15071   | (17102717) | 391055.23   |
| 3806015.79  | 27.53974 (17102717) |            |            |             |
| 391078.86   | 3806010.54          | 27.75321   | (17102717) | 391102.50   |
| 3806005.28  | 27.78691 (17102717) |            |            |             |
| 391126.13   | 3806000.02          | 27.63985   | (17102717) | 391149.77   |
| 3805994.77  | 27.31462 (17102717) |            |            |             |
| 391173.40   | 3805989.51          | 26.81734   | (17102717) | 391197.04   |
| 3805984.25  | 26.15701 (17102717) |            |            |             |
| 391220.67   | 3805978.99          | 25.34639   | (17102717) | 391244.31   |
| 3805973.74  | 24.39990 (17102717) |            |            |             |
| 391267.94   | 3805968.48          | 23.33494   | (17102717) | 391291.58   |
| 3805963.22  | 24.12884 (19020706) |            |            |             |
| 391315.21   | 3805957.97          | 25.30273   | (19020706) | 391338.85   |
| 3805952.71  | 26.36070 (19020706) |            |            |             |
| 391362.48   | 3805947.45          | 27.28257   | (19020706) | 391386.12   |
| 3805942.20  | 28.05177 (19020706) |            |            |             |
| 391409.75   | 3805936.94          | 28.65307   | (19020706) | 391433.39   |
| 3805931.68  | 29.07508 (19020706) |            |            |             |
| 391457.02   | 3805926.42          | 29.30902   | (19020706) | 391480.66   |
| 3805921.17  | 29.35029 (19020706) |            |            |             |
| 391504.29   | 3805915.91          | 29.19778   | (19020706) | 391527.92   |
| 3805910.65  | 28.85435 (19020706) |            |            |             |
| 391551.56   | 3805905.40          | 28.32642   | (19020706) | 391575.19   |
| 3805900.14  | 27.62429 (19020706) |            |            |             |
| 391598.83   | 3805894.88          | 26.76080   | (19020706) | 391622.46   |
| 3805889.63  | 25.75288 (19020706) |            |            |             |
| 391646.10   | 3805884.37          | 24.61785   | (19020706) | 391669.73   |
| 3805879.11  | 24.90723 (17021124) |            |            |             |
| 391693.37   | 3805873.85          | 26.12038   | (17021124) | 391717.00   |
| 3805868.60  | 27.21042 (17021124) |            |            |             |
| 391740.64   | 3805863.34          | 28.15843   | (17021124) | 391764.27   |
| 3805858.08  | 28.94565 (17021124) |            |            |             |
| 391787.91   | 3805852.83          | 29.55744   | (17021124) | 391811.54   |
| 3805847.57  | 29.98134 (17021124) |            |            |             |
| 391835.18   | 3805842.31          | 30.20911   | (17021124) | 391858.81   |
| 3805837.06  | 30.23594 (17021124) |            |            |             |
| 391882.45   | 3805831.80          | 30.06112   | (17021124) | 391906.08   |
| 3805826.54  | 29.68813 (17021124) |            |            |             |
| 391929.72   | 3805821.29          | 29.12409   | (17021124) | 391953.35   |
| 3805816.03  | 28.38016 (17021124) |            |            |             |
| 391976.99   | 3805810.77          | 27.47014   | (17021124) | 392000.62   |
| 3805805.51  | 26.41190 (17021124) |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392024.26  | 3805800.26 | 26.23568   | (20031204) | 392047.89 |
| 3805795.00 | 26.24716   | (20031204) |            |           |
| 392071.53  | 3805789.74 | 26.08308   | (20031204) | 392095.16 |
| 3805784.49 | 25.74683   | (20031204) |            |           |
| 392118.79  | 3805779.23 | 25.24486   | (20031204) | 392142.43 |
| 3805773.97 | 24.58674   | (20031204) |            |           |
| 392166.06  | 3805768.72 | 23.78577   | (20031204) | 392189.70 |
| 3805763.46 | 22.85625   | (20031204) |            |           |
| 392213.33  | 3805758.20 | 23.87788   | (16102920) | 392236.97 |
| 3805752.94 | 25.18111   | (16102920) |            |           |
| 392260.60  | 3805747.69 | 26.37689   | (16102920) | 392284.24 |
| 3805742.43 | 27.44487   | (16102920) |            |           |
| 392307.87  | 3805737.17 | 28.36428   | (16102920) | 392331.51 |
| 3805731.92 | 29.11832   | (16102920) |            |           |
| 392355.14  | 3805726.66 | 29.69177   | (16102920) | 392378.78 |
| 3805721.40 | 30.07374   | (16102920) |            |           |
| 392402.41  | 3805716.15 | 30.25629   | (16102920) | 392426.05 |
| 3805710.89 | 30.23586   | (16102920) |            |           |
| 392449.68  | 3805705.63 | 30.01285   | (16102920) | 392473.32 |
| 3805700.37 | 29.59156   | (16102920) |            |           |
| 392496.95  | 3805695.12 | 28.98078   | (16102920) | 392520.59 |
| 3805689.86 | 29.17351   | (16040119) |            |           |
| 392544.22  | 3805684.60 | 29.73046   | (16040119) | 392567.86 |
| 3805679.35 | 30.09503   | (16040119) |            |           |
| 392591.49  | 3805674.09 | 30.25965   | (16040119) | 392615.13 |
| 3805668.83 | 30.22119   | (16040119) |            |           |
| 392638.76  | 3805663.58 | 29.98050   | (16040119) | 392662.40 |
| 3805658.32 | 29.54217   | (16040119) |            |           |
| 392686.03  | 3805653.06 | 28.91531   | (16040119) | 392709.67 |
| 3805647.81 | 28.11187   | (16040119) |            |           |
| 392733.30  | 3805642.55 | 27.14784   | (16040119) | 392756.93 |
| 3805637.29 | 26.04126   | (16040119) |            |           |
| 392780.57  | 3805632.03 | 24.81196   | (16040119) | 392804.20 |
| 3805626.78 | 23.49087   | (16010219) |            |           |
| 392827.84  | 3805621.52 | 24.56339   | (16010219) | 392851.47 |
| 3805616.26 | 25.51228   | (16010219) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 688

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|--------------------|------------|-------------|
| -----       |             |                     |                    |            |             |
| 3805605.75  | 392875.11   | 3805611.01          | 26.32064           | (16010219) | 392898.74   |
|             |             | 26.97251 (16010219) |                    |            |             |
| 3805595.24  | 392922.38   | 3805600.49          | 27.45578           | (16010219) | 392946.01   |
|             |             | 27.76059 (16010219) |                    |            |             |
| 3805584.72  | 392969.65   | 3805589.98          | 27.88122           | (16010219) | 392993.28   |
|             |             | 27.81524 (16010219) |                    |            |             |
| 3805574.21  | 393016.92   | 3805579.46          | 27.56401           | (16010219) | 393040.55   |
|             |             | 27.13291 (16010219) |                    |            |             |
| 3805563.69  | 393064.19   | 3805568.95          | 26.53010           | (16010219) | 393087.82   |
|             |             | 25.76797 (16010219) |                    |            |             |
| 3805553.18  | 393111.46   | 3805558.44          | 24.86068           | (16010219) | 393135.09   |
|             |             | 23.82585 (16010219) |                    |            |             |
| 3805542.67  | 393158.73   | 3805547.92          | 24.36578           | (17012519) | 393182.36   |
|             |             | 25.62124 (17012519) |                    |            |             |
| 3805532.15  | 393206.00   | 3805537.41          | 26.76223           | (17012519) | 393229.63   |
|             |             | 27.76726 (17012519) |                    |            |             |
| 3805521.64  | 393253.27   | 3805526.89          | 28.61859           | (17012519) | 393276.90   |
|             |             | 29.29947 (17012519) |                    |            |             |
| 3805511.12  | 393300.54   | 3805516.38          | 29.79744           | (17012519) | 393324.17   |
|             |             | 30.10248 (17012519) |                    |            |             |
| 3805500.61  | 393347.80   | 3805505.87          | 30.20900           | (17012519) | 393371.44   |
|             |             | 30.11495 (17012519) |                    |            |             |
| 3805490.10  | 393395.07   | 3805495.35          | 29.82248           | (17012519) | 393418.71   |
|             |             | 29.33737 (17012519) |                    |            |             |
| 3805479.58  | 393442.34   | 3805484.84          | 28.66957           | (17012519) | 393465.98   |
|             |             | 27.83166 (17012519) |                    |            |             |
| 3805469.07  | 393489.61   | 3805474.33          | 26.84043           | (17012519) | 393513.25   |
|             |             | 25.71340 (17012519) |                    |            |             |
| 3805458.55  | 393536.88   | 3805463.81          | 24.47194           | (17012519) | 393560.52   |
|             |             | 25.57000 (17121817) |                    |            |             |
| 3805448.04  | 393584.15   | 3805453.30          | 26.69014           | (17121817) | 393607.79   |
|             |             | 27.67607 (17121817) |                    |            |             |
| 3805437.53  | 393631.42   | 3805442.78          | 28.50897           | (17121817) | 393655.06   |
|             |             | 29.17406 (17121817) |                    |            |             |
| 3805427.01  | 393678.69   | 3805432.27          | 29.65827           | (17121817) | 393702.33   |
|             |             | 29.95286 (17121817) |                    |            |             |
| 3805416.50  | 393725.96   | 3805421.76          | 30.05210           | (17121817) | 393749.60   |
|             |             | 29.95433 (17121817) |                    |            |             |
| 3805405.98  | 393773.23   | 3805411.24          | 29.66182           | (17121817) | 393796.87   |
|             |             | 29.18032 (17121817) |                    |            |             |
| 3805395.47  | 393820.50   | 3805400.73          | 28.51980           | (17121817) | 393844.14   |
|             |             | 27.69245 (17121817) |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393867.77  | 3805390.21 | 26.71464   | (17121817) | 393891.41 |
| 3805384.96 | 25.60371   | (17121817) |            |           |
| 393915.04  | 3805379.70 | 24.38027   | (17121817) | 393938.67 |
| 3805374.44 | 23.06503   | (17121817) |            |           |
| 393962.31  | 3805369.19 | 21.67919   | (17121817) | 393985.94 |
| 3805363.93 | 21.64934   | (16012117) |            |           |
| 394009.58  | 3805358.67 | 22.30487   | (16012117) | 394033.21 |
| 3805353.42 | 22.83116   | (16012117) |            |           |
| 394056.85  | 3805348.16 | 23.21896   | (16012117) | 394080.48 |
| 3805342.90 | 23.46079   | (16012117) |            |           |
| 394104.12  | 3805337.64 | 24.01290   | (17122407) | 394127.75 |
| 3805332.39 | 25.23445   | (17122407) |            |           |
| 394151.39  | 3805327.13 | 26.34753   | (17122407) | 394175.02 |
| 3805321.87 | 27.33207   | (17122407) |            |           |
| 394198.66  | 3805316.62 | 28.17154   | (17122407) | 394222.29 |
| 3805311.36 | 28.85014   | (17122407) |            |           |
| 394245.93  | 3805306.10 | 29.35614   | (17122407) | 394269.56 |
| 3805300.85 | 29.67993   | (17122407) |            |           |
| 394293.20  | 3805295.59 | 29.81595   | (17122407) | 394316.83 |
| 3805290.33 | 29.76185   | (17122407) |            |           |
| 394340.47  | 3805285.07 | 29.51899   | (17122407) | 394364.10 |
| 3805279.82 | 29.09258   | (17122407) |            |           |
| 394387.74  | 3805274.56 | 28.49056   | (17122407) | 394411.37 |
| 3805269.30 | 27.72498   | (17122407) |            |           |
| 394435.01  | 3805264.05 | 26.80952   | (17122407) | 394458.64 |
| 3805258.79 | 25.76146   | (17122407) |            |           |
| 394482.28  | 3805253.53 | 24.59841   | (17122407) | 394505.91 |
| 3805248.28 | 24.63193   | (18061202) |            |           |
| 394529.55  | 3805243.02 | 25.75338   | (18061202) | 394553.18 |
| 3805237.76 | 26.75562   | (18061202) |            |           |
| 394576.81  | 3805232.50 | 27.62206   | (18061202) | 394600.45 |
| 3805227.25 | 28.33793   | (18061202) |            |           |
| 394624.08  | 3805221.99 | 28.88999   | (18061202) | 394647.72 |
| 3805216.73 | 29.26898   | (18061202) |            |           |
| 394671.35  | 3805211.48 | 29.46799   | (18061202) | 394694.99 |
| 3805206.22 | 29.48385   | (18061202) |            |           |
| 394718.62  | 3805200.96 | 29.31668   | (18061202) | 394742.26 |
| 3805195.71 | 28.96993   | (18061202) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 689

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |           |
|-------------|-------------|----------------|------------|--------------------|-----------|
| **          |             |                |            |                    |           |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |           |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |           |
| -----       |             |                |            |                    |           |
| -----       |             |                |            |                    |           |
| 3805185.19  | 394765.89   | 3805190.45     | 28.45058   | (18061202)         | 394789.53 |
|             |             | 27.76812       | (18061202) |                    |           |
| 3805174.68  | 394813.16   | 3805179.94     | 26.93572   | (18061202)         | 394836.80 |
|             |             | 26.33650       | (20113008) |                    |           |
| 3805164.16  | 394860.43   | 3805169.42     | 26.55720   | (20113008)         | 394884.07 |
|             |             | 26.61544       | (20113008) |                    |           |
| 3805153.65  | 394907.70   | 3805158.91     | 26.51052   | (20113008)         | 394931.34 |
|             |             | 26.24464       | (20113008) |                    |           |
| 3805143.14  | 394954.97   | 3805148.39     | 25.82327   | (20113008)         | 394978.61 |
|             |             | 25.25407       | (20113008) |                    |           |
| 3805132.62  | 395002.24   | 3805137.88     | 24.54792   | (20113008)         | 395025.88 |
|             |             | 23.71691       | (20113008) |                    |           |
| 3805122.11  | 395049.51   | 3805127.37     | 22.77619   | (20113008)         | 395073.15 |
|             |             | 23.32797       | (16010220) |                    |           |
| 3805111.59  | 395096.78   | 3805116.85     | 24.49315   | (16010220)         | 395120.42 |
|             |             | 25.56109       | (16010220) |                    |           |
| 3805101.08  | 395144.05   | 3805106.34     | 26.51386   | (16010220)         | 395167.68 |
|             |             | 27.33635       | (16010220) |                    |           |
| 3805090.57  | 395191.32   | 3805095.82     | 28.01522   | (16010220)         | 395214.95 |
|             |             | 28.53858       | (16010220) |                    |           |
| 3805080.05  | 395238.59   | 3805085.31     | 28.89807   | (16010220)         | 395262.22 |
|             |             | 29.08751       | (16010220) |                    |           |
| 3805069.54  | 395285.86   | 3805074.80     | 29.10423   | (16010220)         | 395309.49 |
|             |             | 28.94832       | (16010220) |                    |           |
| 3805059.02  | 395333.13   | 3805064.28     | 28.62296   | (16010220)         | 395356.76 |
|             |             | 28.13461       | (16010220) |                    |           |
| 3805048.51  | 395380.40   | 3805053.77     | 27.49185   | (16010220)         | 395404.03 |
|             |             | 26.70659       | (16010220) |                    |           |
| 3805038.00  | 395427.67   | 3805043.25     | 25.79181   | (16010220)         | 395451.30 |
|             |             | 24.76361       | (16010220) |                    |           |
| 3805027.48  | 395474.94   | 3805032.74     | 23.63778   | (16010220)         | 395498.57 |
|             |             | 24.32753       | (16120407) |                    |           |
| 3805016.97  | 395522.21   | 3805022.23     | 25.35740   | (16120407)         | 395545.84 |
|             |             | 26.27588       | (16120407) |                    |           |
| 3805006.46  | 395569.48   | 3805011.71     | 27.06939   | (16120407)         | 395593.11 |
|             |             | 27.72463       | (16120407) |                    |           |
| 3804995.94  | 395616.75   | 3805001.20     | 28.23155   | (16120407)         | 395640.38 |
|             |             | 28.58166       | (16120407) |                    |           |
| 3804985.43  | 395664.02   | 3804990.68     | 28.76979   | (16120407)         | 395687.65 |
|             |             | 28.79310       | (16120407) |                    |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395711.29  | 3804980.17 | 28.65167   | (16120407) | 395734.92 |
| 3804974.91 | 28.34858   | (16120407) |            |           |
| 395758.55  | 3804969.66 | 27.88950   | (16120407) | 395782.19 |
| 3804964.40 | 27.28228   | (16120407) |            |           |
| 395805.82  | 3804959.14 | 26.53797   | (16120407) | 395829.46 |
| 3804953.89 | 25.66842   | (16120407) |            |           |
| 395853.09  | 3804948.63 | 24.68853   | (16120407) | 395876.73 |
| 3804943.37 | 23.61292   | (16120407) |            |           |
| 395900.36  | 3804938.11 | 22.45879   | (16120407) | 395924.00 |
| 3804932.86 | 21.24194   | (16120407) |            |           |
| 395947.63  | 3804927.60 | 19.98031   | (16120407) | 395971.27 |
| 3804922.34 | 19.10387   | (20031107) |            |           |
| 395994.90  | 3804917.09 | 19.59135   | (20031107) | 396018.54 |
| 3804911.83 | 19.97954   | (20031107) |            |           |
| 396042.17  | 3804906.57 | 20.26220   | (20031107) | 396065.81 |
| 3804901.32 | 20.43538   | (20031107) |            |           |
| 396089.44  | 3804896.06 | 20.49638   | (20031107) | 396113.08 |
| 3804890.80 | 20.44470   | (20031107) |            |           |
| 396136.71  | 3804885.54 | 20.28162   | (20031107) | 396160.35 |
| 3804880.29 | 20.01007   | (20031107) |            |           |
| 396183.98  | 3804875.03 | 19.88881   | (17031703) | 396207.62 |
| 3804869.77 | 20.36856   | (17031703) |            |           |
| 396231.25  | 3804864.52 | 20.74616   | (17031703) | 396254.89 |
| 3804859.26 | 21.01624   | (17031703) |            |           |
| 396278.52  | 3804854.00 | 21.17468   | (17031703) | 396302.16 |
| 3804848.75 | 21.21950   | (17031703) |            |           |
| 396325.79  | 3804843.49 | 21.15031   | (17031703) | 396349.43 |
| 3804838.23 | 20.96862   | (17031703) |            |           |
| 396373.06  | 3804832.98 | 21.41223   | (16022404) | 396396.69 |
| 3804827.72 | 22.02940   | (16022404) |            |           |
| 396420.33  | 3804822.46 | 22.54361   | (16022404) | 396443.96 |
| 3804817.20 | 22.94692   | (16022404) |            |           |
| 396467.60  | 3804811.95 | 23.23390   | (16022404) | 396491.23 |
| 3804806.69 | 23.40016   | (16022404) |            |           |
| 396514.87  | 3804801.43 | 23.44376   | (16022404) | 396538.50 |
| 3804796.18 | 23.36446   | (16022404) |            |           |
| 396562.14  | 3804790.92 | 24.20575   | (20021818) | 396585.77 |
| 3804785.66 | 25.02736   | (20021818) |            |           |
| 396609.41  | 3804780.41 | 25.74189   | (20021818) | 396633.04 |
| 3804775.15 | 26.33846   | (20021818) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 690

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 396656.68   | 3804769.89          | 26.80921   | (20021818) | 396680.31   |
| 3804764.63  | 27.14712 (20021818) |            |            |             |
| 396703.95   | 3804759.38          | 27.34791   | (20021818) | 396727.58   |
| 3804754.12  | 27.40877 (20021818) |            |            |             |
| 396751.22   | 3804748.86          | 27.32945   | (20021818) | 396774.85   |
| 3804743.61  | 27.11178 (20021818) |            |            |             |
| 396798.49   | 3804738.35          | 26.75941   | (20021818) | 396822.12   |
| 3804733.09  | 26.27849 (20021818) |            |            |             |
| 396845.76   | 3804727.84          | 26.33360   | (16010907) | 396869.39   |
| 3804722.58  | 26.81942 (16010907) |            |            |             |
| 396893.03   | 3804717.32          | 27.17671   | (16010907) | 396916.66   |
| 3804712.07  | 27.40042 (16010907) |            |            |             |
| 396940.30   | 3804706.81          | 27.48788   | (16010907) | 396963.93   |
| 3804701.55  | 27.43832 (16010907) |            |            |             |
| 396987.56   | 3804696.29          | 27.25312   | (16010907) | 397011.20   |
| 3804691.04  | 26.93542 (16010907) |            |            |             |
| 397034.83   | 3804685.78          | 26.49066   | (16010907) | 397058.47   |
| 3804680.52  | 25.92546 (16010907) |            |            |             |
| 397082.10   | 3804675.27          | 26.42064   | (18020908) | 397105.74   |
| 3804670.01  | 26.80747 (18020908) |            |            |             |
| 397129.37   | 3804664.75          | 27.06679   | (18020908) | 397153.01   |
| 3804659.50  | 27.19566 (18020908) |            |            |             |
| 397176.64   | 3804654.24          | 27.19258   | (18020908) | 397200.28   |
| 3804648.98  | 27.05820 (18020908) |            |            |             |
| 397223.91   | 3804643.72          | 26.79514   | (18020908) | 397247.55   |
| 3804638.47  | 26.40746 (18020908) |            |            |             |
| 397271.18   | 3804633.21          | 25.90154   | (18020908) | 397294.82   |
| 3804627.95  | 25.28449 (18020908) |            |            |             |
| 397318.45   | 3804622.70          | 24.56575   | (18020908) | 397342.09   |
| 3804617.44  | 23.75484 (18020908) |            |            |             |
| 383012.36   | 3815675.99          | 3.05869    | (18091707) | 383011.35   |
| 3815700.20  | 3.11662 (18091707)  |            |            |             |
| 383010.33   | 3815724.41          | 3.17135    | (18091707) | 383009.32   |
| 3815748.61  | 2.87016 (18091707)  |            |            |             |
| 383008.31   | 3815772.82          | 3.26998    | (18091707) | 383007.29   |
| 3815797.03  | 3.31328 (18091707)  |            |            |             |
| 383006.28   | 3815821.23          | 3.35234    | (18091707) | 394679.23   |
| 3816182.19  | 38.09462 (20060812) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394692.57  | 3816161.04 | 36.62489   | (20021013) | 394845.91 |
| 3816228.19 | 66.10617   | (19102718) |            |           |
| 394745.90  | 3816165.12 | 39.80293   | (20020915) | 394739.24 |
| 3816131.36 | 27.61549   | (20030214) |            |           |
| 394765.91  | 3816089.07 | 19.92226   | (20090811) | 394832.59 |
| 3816072.01 | 16.89313   | (19121113) |            |           |
| 394812.58  | 3816059.39 | 16.63056   | (19121113) | 394712.58 |
| 3815996.32 | 14.54577   | (20090811) |            |           |
| 394899.26  | 3816054.94 | 23.64816   | (19122212) | 394859.26 |
| 3816029.71 | 18.65374   | (19052212) |            |           |
| 394839.26  | 3816017.10 | 17.02101   | (19102511) | 394779.25 |
| 3815979.26 | 11.67714   | (19121113) |            |           |
| 394905.93  | 3816000.04 | 15.31644   | (19122212) | 394685.91 |
| 3815861.28 | 13.35240   | (18122010) |            |           |
| 394665.91  | 3815848.67 | 13.37244   | (20111709) | 394932.60 |
| 3815957.74 | 12.72296   | (19102009) |            |           |
| 394752.59  | 3815844.22 | 13.46281   | (18122010) | 394732.58 |
| 3815831.60 | 13.51263   | (18122010) |            |           |
| 394712.58  | 3815818.99 | 13.32800   | (18122010) | 395085.95 |
| 3815936.23 | 14.98282   | (19092208) |            |           |
| 394985.95  | 3815873.16 | 14.10203   | (20122713) | 394945.94 |
| 3815847.93 | 13.55102   | (19102713) |            |           |
| 394885.94  | 3815810.09 | 12.65953   | (19122212) | 394865.93 |
| 3815797.48 | 12.79839   | (17012811) |            |           |
| 394845.93  | 3815784.86 | 13.72556   | (19052212) | 394765.93 |
| 3815734.40 | 12.26962   | (20060917) |            |           |
| 394745.92  | 3815721.79 | 13.10053   | (20102524) | 395119.30 |
| 3815839.03 | 16.62099   | (19021816) |            |           |
| 395099.29  | 3815826.42 | 16.34432   | (18032618) | 395079.29 |
| 3815813.80 | 16.30673   | (18032618) |            |           |
| 395059.29  | 3815801.19 | 17.09137   | (19040924) | 395039.29 |
| 3815788.58 | 16.78323   | (19040924) |            |           |
| 395019.29  | 3815775.96 | 13.77954   | (20030309) | 394999.28 |
| 3815763.35 | 15.78273   | (16041517) |            |           |
| 394919.28  | 3815712.89 | 14.30477   | (18122711) | 394899.28 |
| 3815700.28 | 15.24362   | (19031313) |            |           |
| 394879.27  | 3815687.66 | 14.50468   | (19031313) | 394799.27 |
| 3815637.21 | 17.27906   | (16041516) |            |           |
| 395172.64  | 3815754.45 | 19.40920   | (19021816) | 395152.64 |
| 3815741.83 | 18.54268   | (19021816) |            |           |
| 395132.64  | 3815729.22 | 18.78232   | (18032618) | 395112.63 |
| 3815716.61 | 18.52978   | (18032618) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                     | IN MICROGRAMS/M**3 |            |             |
|----------------|---------------------|--------------------|------------|-------------|
| **             |                     |                    |            |             |
| X-COORD (M)    | Y-COORD (M)         | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC                | (YYMMDDHH)         |            |             |
| -----          |                     |                    |            |             |
| 395092.63      | 3815703.99          | 17.69118           | (19040924) | 395072.63   |
| 3815691.38     | 18.26315 (19040924) |                    |            |             |
| 395052.63      | 3815678.76          | 16.06969           | (19040924) | 395012.62   |
| 3815653.53     | 18.10539 (16041517) |                    |            |             |
| 394972.62      | 3815628.31          | 16.68535           | (18122711) | 394952.62   |
| 3815615.69     | 17.51806 (18122711) |                    |            |             |
| 394932.62      | 3815603.08          | 16.39070           | (19011417) | 394912.62   |
| 3815590.46     | 16.16286 (19031313) |                    |            |             |
| 395205.98      | 3815657.25          | 20.61965           | (19021816) | 395185.98   |
| 3815644.64     | 18.97062 (19021816) |                    |            |             |
| 395165.98      | 3815632.02          | 20.09190           | (18032618) | 395145.97   |
| 3815619.41     | 20.66183 (19122312) |                    |            |             |
| 395125.97      | 3815606.79          | 19.67806           | (19042218) | 395105.97   |
| 3815594.18     | 18.75235 (19040924) |                    |            |             |
| 395085.97      | 3815581.56          | 17.58716           | (19040924) | 394985.96   |
| 3815518.49     | 20.22752 (19042217) |                    |            |             |
| 394965.96      | 3815505.88          | 20.64354           | (19042217) | 394945.96   |
| 3815493.27     | 21.18577 (19011417) |                    |            |             |
| 395259.32      | 3815572.66          | 22.06459           | (19042219) | 395239.32   |
| 3815560.05     | 22.89097 (19011213) |                    |            |             |
| 395219.32      | 3815547.44          | 24.70377           | (19020904) | 395199.32   |
| 3815534.82     | 23.41734 (18032114) |                    |            |             |
| 395179.32      | 3815522.21          | 21.52973           | (19122312) | 395159.31   |
| 3815509.59     | 20.74287 (19042218) |                    |            |             |
| 395139.31      | 3815496.98          | 20.36180           | (19022114) | 395119.31   |
| 3815484.37     | 19.00209 (19051007) |                    |            |             |
| 395019.30      | 3815421.30          | 23.02582           | (19122606) | 394999.30   |
| 3815408.68     | 21.86515 (19042217) |                    |            |             |
| 394979.30      | 3815396.07          | 21.95128           | (18022702) | 394959.30   |
| 3815383.45     | 22.30822 (16121904) |                    |            |             |
| 395432.68      | 3815386.43          | 39.95468           | (19010602) | 395412.68   |
| 3815373.82     | 39.47401 (18123004) |                    |            |             |
| 395392.68      | 3815361.20          | 59.03915           | (18032101) | 395372.68   |
| 3815348.59     | 85.90462 (16122522) |                    |            |             |
| 395352.68      | 3815335.98          | 86.76999           | (19120602) | 395332.68   |
| 3815323.36     | 86.41067 (18111804) |                    |            |             |



|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| 3815298.13 | 395312.67 | 3815310.75 | 88.87441  | (18021405) | 395292.67 |
|            | 83.76170  | (17010724) |           |            |           |
| 3815272.91 | 395272.67 | 3815285.52 | 51.26569  | (19112307) | 395252.67 |
|            | 33.77550  | (19121705) |           |            |           |
| 3815247.68 | 395232.67 | 3815260.29 | 36.90216  | (17021702) | 395212.67 |
|            | 54.08911  | (18021706) |           |            |           |
| 3815222.45 | 395192.66 | 3815235.06 | 79.65291  | (17030203) | 395172.66 |
|            | 86.52197  | (17030203) |           |            |           |
| 3815197.22 | 395152.66 | 3815209.83 | 83.48660  | (18012801) | 395132.66 |
|            | 70.53289  | (19011323) |           |            |           |
| 3815171.99 | 395112.66 | 3815184.61 | 55.36057  | (19011323) | 395092.65 |
|            | 42.81628  | (16100206) |           |            |           |
| 3815162.36 | 395566.04 | 3815174.97 | 153.76678 | (16021305) | 395546.04 |
|            | 190.95644 | (18112106) |           |            |           |
| 3815137.13 | 395526.04 | 3815149.74 | 205.75404 | (17121208) | 395506.04 |
|            | 219.58406 | (18021603) |           |            |           |
| 3815111.90 | 395486.04 | 3815124.51 | 225.13025 | (16010201) | 395466.03 |
|            | 223.71072 | (16012221) |           |            |           |
| 3815086.67 | 395446.03 | 3815099.29 | 221.42327 | (17010801) | 395426.03 |
|            | 230.23508 | (18030507) |           |            |           |
| 3815061.44 | 395406.03 | 3815074.06 | 212.42512 | (20012221) | 395386.03 |
|            | 171.63158 | (18022403) |           |            |           |
| 3815036.22 | 395366.02 | 3815048.83 | 135.67511 | (19112307) | 395346.02 |
|            | 171.09952 | (16010103) |           |            |           |
| 3815010.99 | 395326.02 | 3815023.60 | 230.16264 | (17122508) | 395306.02 |
|            | 307.22427 | (17122508) |           |            |           |
| 3814985.76 | 395286.02 | 3814998.37 | 328.34193 | (18011720) | 395266.02 |
|            | 287.04852 | (18120420) |           |            |           |
| 3814960.53 | 395246.01 | 3814973.15 | 325.28299 | (18120420) | 395226.01 |
|            | 316.72024 | (16012621) |           |            |           |
| 3814950.90 | 395699.40 | 3814963.51 | 289.21295 | (18010107) | 395679.40 |
|            | 282.86048 | (18010107) |           |            |           |
| 3814925.67 | 395659.40 | 3814938.28 | 274.03016 | (17121208) | 395639.39 |
|            | 292.26811 | (17121208) |           |            |           |
| 3814900.44 | 395619.39 | 3814913.05 | 277.94076 | (16091002) | 395599.39 |
|            | 260.60015 | (16121408) |           |            |           |
| 3814875.21 | 395579.39 | 3814887.83 | 280.51330 | (19120116) | 395559.39 |
|            | 284.88556 | (19120116) |           |            |           |
| 3814849.98 | 395539.39 | 3814862.60 | 288.66253 | (17010801) | 395519.38 |
|            | 288.07535 | (19120123) |           |            |           |
| 3814824.76 | 395499.38 | 3814837.37 | 268.88237 | (19120123) | 395479.38 |
|            | 276.83281 | (20120402) |           |            |           |
| 3814799.53 | 395459.38 | 3814812.14 | 284.51571 | (20120402) | 395439.38 |
|            | 246.61961 | (20120402) |           |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395419.38   | 3814786.91  | 266.65320  | (17060904) | 395399.37   |
| 3814774.30  | 275.19815   | (17122508) |            |             |
| 395379.37   | 3814761.68  | 278.07790  | (17122508) | 395359.37   |
| 3814749.07  | 278.68426   | (18011720) |            |             |
| 395832.76   | 3814752.05  | 234.79549  | (18010107) | 395812.76   |
| 3814739.44  | 251.60095   | (18010107) |            |             |
| 395792.75   | 3814726.82  | 233.30746  | (18010107) | 395772.75   |
| 3814714.21  | 239.54363   | (17121208) |            |             |
| 395752.75   | 3814701.59  | 250.70564  | (17121208) | 395732.75   |
| 3814688.98  | 238.02040   | (16091002) |            |             |
| 395712.75   | 3814676.37  | 229.53847  | (16091002) | 395692.75   |
| 3814663.75  | 227.66837   | (19120116) |            |             |
| 395672.74   | 3814651.14  | 248.17654  | (19120116) | 395652.74   |
| 3814638.52  | 242.93082   | (17010801) |            |             |
| 395632.74   | 3814625.91  | 244.96246  | (17010801) | 395612.74   |
| 3814613.29  | 247.43415   | (19120123) |            |             |
| 395592.74   | 3814600.68  | 231.55348  | (19120123) | 395572.74   |
| 3814588.07  | 231.94110   | (20120402) |            |             |
| 395552.73   | 3814575.45  | 246.33320  | (20120402) | 395532.73   |
| 3814562.84  | 228.97061   | (20120402) |            |             |
| 395512.73   | 3814550.22  | 217.29708  | (17060904) | 395492.73   |
| 3814537.61  | 229.77491   | (17060904) |            |             |
| 396099.47   | 3814329.13  | 171.04112  | (16012118) | 396079.47   |
| 3814316.51  | 181.20937   | (18010107) |            |             |
| 396059.47   | 3814303.90  | 193.22578  | (18010107) | 396039.47   |
| 3814291.29  | 187.27877   | (18010107) |            |             |
| 396019.47   | 3814278.67  | 166.96599  | (17121208) | 395999.46   |
| 3814266.06  | 188.04345   | (17121208) |            |             |
| 395979.46   | 3814253.44  | 192.60683  | (17121208) | 395959.46   |
| 3814240.83  | 181.43868   | (16091002) |            |             |
| 395939.46   | 3814228.22  | 182.33780  | (16091002) | 395919.46   |
| 3814215.60  | 171.39653   | (16121408) |            |             |
| 395899.46   | 3814202.99  | 179.27820  | (19120116) | 395879.45   |
| 3814190.37  | 190.78648   | (19120116) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396819.61   | 3813009.91  | 102.35582  | (18010107) | 396799.61   |
| 3812997.29  | 107.66398   | (18010107) |            |             |
| 396779.61   | 3812984.68  | 108.78092  | (18010107) | 396759.61   |
| 3812972.06  | 105.58230   | (18010107) |            |             |
| 396739.61   | 3812959.45  | 98.45211   | (18010107) | 396719.60   |
| 3812946.84  | 95.31803    | (17121208) |            |             |
| 396699.60   | 3812934.22  | 103.49750  | (17121208) | 396679.60   |
| 3812921.61  | 107.97440   | (17121208) |            |             |
| 396659.60   | 3812908.99  | 108.24405  | (17121208) | 396639.60   |
| 3812896.38  | 104.28752   | (17121208) |            |             |
| 396619.60   | 3812883.77  | 103.32773  | (16091002) | 396599.59   |
| 3812871.15  | 103.24122   | (16091002) |            |             |
| 396579.59   | 3812858.54  | 99.16402   | (16091002) | 396559.59   |
| 3812845.92  | 96.19552    | (16121408) |            |             |
| 397610.86   | 3811932.57  | 62.68627   | (20121608) | 397590.86   |
| 3811919.96  | 63.73015    | (20121608) |            |             |
| 397570.86   | 3811907.34  | 63.26042   | (20121608) | 397550.86   |
| 3811894.73  | 63.84063    | (16012118) |            |             |
| 397530.86   | 3811882.12  | 66.27074   | (16012118) | 397510.85   |
| 3811869.50  | 67.16999    | (16012118) |            |             |
| 397490.85   | 3811856.89  | 68.53956   | (18010107) | 397470.85   |
| 3811844.27  | 72.64851    | (18010107) |            |             |
| 397450.85   | 3811831.66  | 75.18842   | (18010107) | 397430.85   |
| 3811819.04  | 75.98585    | (18010107) |            |             |
| 397410.84   | 3811806.43  | 74.98637   | (18010107) | 397390.84   |
| 3811793.82  | 72.26338    | (18010107) |            |             |
| 397370.84   | 3811781.20  | 68.00605   | (18010107) | 397350.84   |
| 3811768.59  | 64.32654    | (17121208) |            |             |
| 397330.84   | 3811755.97  | 69.42546   | (17121208) | 397310.84   |
| 3811743.36  | 73.17309    | (17121208) |            |             |
| 397290.83   | 3811730.75  | 75.32179   | (17121208) | 397270.83   |
| 3811718.13  | 75.72461    | (17121208) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398322.10  | 3810804.78 | 45.71557   | (20121608) | 398302.10 |
| 3810792.17 | 47.12920   | (20121608) |            |           |
| 398282.10  | 3810779.55 | 47.81702   | (20121608) | 398262.10 |
| 3810766.94 | 47.74667   | (20121608) |            |           |
| 398242.10  | 3810754.32 | 46.92162   | (20121608) | 398222.10 |
| 3810741.71 | 48.48420   | (16012118) |            |           |
| 398202.09  | 3810729.10 | 49.86836   | (16012118) | 398182.09 |
| 3810716.48 | 50.48024   | (16012118) |            |           |
| 398162.09  | 3810703.87 | 50.29210   | (16012118) | 398142.09 |
| 3810691.25 | 52.92223   | (18010107) |            |           |
| 398122.09  | 3810678.64 | 55.18203   | (18010107) | 398102.08 |
| 3810666.03 | 56.63058   | (18010107) |            |           |
| 398082.08  | 3810653.41 | 57.19995   | (18010107) | 398062.08 |
| 3810640.80 | 56.86497   | (18010107) |            |           |
| 398042.08  | 3810628.18 | 55.64207   | (18010107) | 398022.08 |
| 3810615.57 | 53.59003   | (18010107) |            |           |
| 398002.08  | 3810602.95 | 50.80264   | (18010107) | 397982.07 |
| 3810590.34 | 47.40415   | (18010107) |            |           |
| 399033.35  | 3809676.99 | 35.26640   | (20121608) | 399013.34 |
| 3809664.38 | 36.55636   | (20121608) |            |           |
| 398993.34  | 3809651.76 | 37.45998   | (20121608) | 398973.34 |
| 3809639.15 | 37.94722   | (20121608) |            |           |
| 398953.34  | 3809626.53 | 38.00173   | (20121608) | 398933.34 |
| 3809613.92 | 37.62186   | (20121608) |            |           |
| 398913.34  | 3809601.30 | 37.47687   | (16012118) | 398893.33 |
| 3809588.69 | 38.77512   | (16012118) |            |           |
| 398873.33  | 3809576.08 | 39.65989   | (16012118) | 398853.33 |
| 3809563.46 | 40.10219   | (16012118) |            |           |
| 398833.33  | 3809550.85 | 40.08716   | (16012118) | 398813.33 |
| 3809538.23 | 40.91059   | (18010107) |            |           |
| 398793.32  | 3809525.62 | 42.73840   | (18010107) | 398773.32 |
| 3809513.01 | 44.13836   | (18010107) |            |           |
| 398753.32  | 3809500.39 | 45.06539   | (18010107) | 398733.32 |
| 3809487.78 | 45.48842   | (18010107) |            |           |
| 398713.32  | 3809475.16 | 45.39358   | (18010107) | 398693.32 |
| 3809462.55 | 44.78472   | (18010107) |            |           |
| 399744.59  | 3808549.20 | 28.28845   | (20121608) | 399724.59 |
| 3808536.58 | 29.37910   | (20121608) |            |           |
| 399704.58  | 3808523.97 | 30.24715   | (20121608) | 399684.58 |
| 3808511.36 | 30.87037   | (20121608) |            |           |
| 399664.58  | 3808498.74 | 31.23327   | (20121608) | 399644.58 |
| 3808486.13 | 31.32646   | (20121608) |            |           |
| 399624.58  | 3808473.51 | 31.14756   | (20121608) | 399604.58 |
| 3808460.90 | 30.70145   | (20121608) |            |           |
| 399584.57  | 3808448.29 | 31.21401   | (16012118) | 399564.57 |
| 3808435.67 | 32.08607   | (16012118) |            |           |
| 399544.57  | 3808423.06 | 32.69666   | (16012118) | 399524.57 |
| 3808410.44 | 33.03046   | (16012118) |            |           |

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 3808385.21 | 399504.57   | 3808397.83  | 33.07892   | (16012118) | 399484.56   |
| 3808359.99 | 399464.56   | 3808372.60  | 34.37435   | (18010107) | 399444.56   |
| 3808334.76 | 399424.56   | 3808347.37  | 36.52862   | (18010107) | 399404.56   |
| 3807408.79 | 400455.83   | 3807421.41  | 23.34201   | (20121608) | 400435.83   |
| 3807383.56 | 400415.83   | 3807396.18  | 25.01903   | (20121608) | 400395.82   |
| 3807358.34 | 400375.82   | 3807370.95  | 26.09094   | (20121608) | 400355.82   |
| 3807333.11 | 400335.82   | 3807345.72  | 26.47252   | (20121608) | 400315.82   |
| 3807307.88 | 400295.82   | 3807320.49  | 26.13352   | (20121608) | 400275.81   |
| 3807282.65 | 400255.81   | 3807295.27  | 26.57861   | (16012118) | 400235.81   |
| 3807257.42 | 400215.81   | 3807270.04  | 27.64344   | (16012118) | 400195.81   |
| 3807232.20 | 400175.80   | 3807244.81  | 27.97453   | (16012118) | 400155.80   |
| 3807206.97 | 400135.80   | 3807219.58  | 28.42085   | (18010107) | 400115.80   |
| 3806281.00 | 401167.07   | 3806293.62  | 19.69113   | (20121608) | 401147.07   |
| 3806255.77 | 401127.07   | 3806268.39  | 21.11313   | (20121608) | 401107.07   |
| 3806230.55 | 401087.06   | 3806243.16  | 22.14033   | (20121608) | 401067.06   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 401047.06  | 3806217.93 | 22.70712   | (20121608) | 401027.06 |
| 3806205.32 | 22.80522   | (20121608) |            |           |
| 401007.06  | 3806192.70 | 22.77695   | (20121608) | 400987.06 |
| 3806180.09 | 22.62287   | (20121608) |            |           |
| 400967.05  | 3806167.47 | 22.34534   | (20121608) | 400947.05 |
| 3806154.86 | 22.45436   | (16012118) |            |           |
| 400927.05  | 3806142.25 | 23.03075   | (16012118) | 400907.05 |
| 3806129.63 | 23.49133   | (16012118) |            |           |
| 400887.05  | 3806117.02 | 23.82852   | (16012118) | 400867.04 |
| 3806104.40 | 24.03704   | (16012118) |            |           |
| 400847.04  | 3806091.79 | 24.11326   | (16012118) | 400827.04 |
| 3806079.18 | 24.05613   | (16012118) |            |           |
| 394514.81  | 3816079.07 | 17.02082   | (20102602) | 394477.64 |
| 3816064.86 | 15.26901   | (18101513) |            |           |
| 394523.74  | 3816055.72 | 16.65728   | (20020917) | 394486.57 |
| 3816041.51 | 15.28318   | (20021011) |            |           |
| 394532.67  | 3816032.37 | 16.98255   | (20021012) | 394541.59 |
| 3816009.01 | 15.16148   | (20060812) |            |           |
| 394467.26  | 3815980.59 | 11.52677   | (20022615) | 394572.67 |
| 3815968.93 | 12.31713   | (16041515) |            |           |
| 394540.87  | 3815955.21 | 11.58807   | (19031613) | 394485.12 |
| 3815933.89 | 10.96371   | (17121410) |            |           |
| 394594.94  | 3815924.43 | 12.02357   | (20111709) | 394558.72 |
| 3815908.50 | 11.34524   | (17012615) |            |           |
| 394502.98  | 3815887.19 | 10.88167   | (19010212) | 394609.85 |
| 3815876.26 | 13.03437   | (20111709) |            |           |
| 394520.83  | 3815840.49 | 11.17945   | (20030215) | 394630.65 |
| 3815831.03 | 13.05129   | (20111709) |            |           |
| 394575.86  | 3815807.99 | 12.06322   | (17091008) | 394538.69 |
| 3815793.78 | 11.12713   | (20021014) |            |           |
| 394630.88  | 3815775.50 | 12.86783   | (17091008) | 394593.71 |
| 3815761.29 | 12.47882   | (17091008) |            |           |
| 394648.01  | 3815674.99 | 17.71867   | (18032615) | 394610.84 |
| 3815660.78 | 15.38272   | (19011216) |            |           |
| 394750.79  | 3815612.95 | 24.25738   | (19031204) | 394683.72 |
| 3815581.59 | 18.24911   | (20102524) |            |           |
| 394646.56  | 3815567.38 | 14.89195   | (19102714) | 394787.13 |
| 3815519.86 | 17.45961   | (16041516) |            |           |
| 394819.87  | 3815536.24 | 19.09032   | (18123110) | 394700.85 |
| 3815481.08 | 14.42207   | (16043014) |            |           |
| 394663.69  | 3815466.87 | 14.30535   | (20102524) | 394806.79 |
| 3815418.42 | 17.57395   | (18123110) |            |           |
| 394839.84  | 3815434.96 | 19.21841   | (17050818) | 394717.98 |
| 3815380.57 | 16.43461   | (18011216) |            |           |
| 394826.09  | 3815316.81 | 17.08056   | (17050818) | 394859.39 |
| 3815333.47 | 18.15210   | (19042216) |            |           |
| 394892.70  | 3815350.13 | 18.96878   | (20031007) | 394790.86 |
| 3815301.37 | 16.53587   | (18123110) |            |           |
| 394753.70  | 3815287.16 | 19.45912   | (16121905) | 394916.36 |
| 3815083.78 | 48.73381   | (19103102) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 695

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
|            | -           | -           | -          | -          | -           |
|            | -           | -           | -          | -          | -           |
|            | 394951.62   | 3815101.42  | 71.45848   | (16122124) | 395022.14   |
| 3815136.71 | 61.13315    | (19120403)  |            |            |             |
|            | 395057.40   | 3815154.35  | 43.12423   | (16011601) | 394880.15   |
| 3815067.86 | 64.63214    | (17032322)  |            |            |             |
|            | 394842.98   | 3815053.65  | 66.45681   | (18012119) | 395005.01   |
| 3814849.95 | 276.89759   | (16120407)  |            |            |             |
|            | 395090.01   | 3814892.48  | 273.62748  | (16022404) | 395124.01   |
| 3814909.50 | 313.55097   | (20021818)  |            |            |             |
|            | 395158.01   | 3814926.51  | 314.28370  | (16010907) | 395192.01   |
| 3814943.52 | 293.27601   | (18020908)  |            |            |             |
|            | 394969.43   | 3814834.34  | 246.71568  | (16120407) | 394932.26   |
| 3814820.13 | 225.31050   | (16010220)  |            |            |             |
|            | 395147.81   | 3814643.22  | 255.76379  | (20021818) | 395183.07   |
| 3814660.86 | 269.24517   | (16010907)  |            |            |             |
|            | 395218.33   | 3814678.50  | 272.97542  | (18020908) | 395253.59   |
| 3814696.14 | 243.08527   | (16012621)  |            |            |             |
|            | 395288.85   | 3814713.79  | 264.91994  | (16012621) | 395324.11   |
| 3814731.43 | 260.02370   | (18120420)  |            |            |             |
|            | 395077.29   | 3814607.94  | 201.02059  | (20031107) | 395040.13   |
| 3814593.73 | 234.48945   | (16120407)  |            |            |             |
|            | 395002.96   | 3814579.52  | 260.83755  | (16120407) | 395218.08   |
| 3814400.19 | 223.75513   | (20021818)  |            |            |             |
|            | 395252.41   | 3814417.37  | 228.38114  | (16010907) | 395286.74   |
| 3814434.54 | 227.20067   | (18020908)  |            |            |             |
|            | 395321.07   | 3814451.72  | 225.80109  | (16012621) | 395355.40   |
| 3814468.90 | 232.39089   | (18120420)  |            |            |             |
|            | 395389.73   | 3814486.08  | 221.68253  | (18120420) | 395424.06   |
| 3814503.25 | 238.51589   | (18011720)  |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395458.40  | 3814520.43 | 241.97153  | (17122508) | 395129.41 |
| 3814360.21 | 178.91358  | (17031703) |            |           |
| 395092.25  | 3814346.00 | 170.91119  | (20031107) | 395362.41 |
| 3813916.03 | 180.81337  | (18020908) |            |           |
| 395396.93  | 3813933.31 | 169.44253  | (18020908) | 395431.46 |
| 3813950.58 | 173.04709  | (16012621) |            |           |
| 395465.98  | 3813967.86 | 175.57267  | (16012621) | 395500.51 |
| 3813985.13 | 181.76809  | (18120420) |            |           |
| 395535.03  | 3814002.40 | 163.83863  | (18011720) | 395569.56 |
| 3814019.68 | 185.71833  | (18011720) |            |           |
| 395604.08  | 3814036.95 | 186.59297  | (17122508) | 395638.61 |
| 3814054.23 | 175.31325  | (17060904) |            |           |
| 395673.13  | 3814071.50 | 167.78895  | (17060904) | 395707.66 |
| 3814088.78 | 182.07815  | (20120402) |            |           |
| 395541.04  | 3813449.04 | 137.88578  | (16012621) | 395575.69 |
| 3813466.38 | 143.02372  | (16012621) |            |           |
| 395610.34  | 3813483.71 | 146.91718  | (18120420) | 395644.99 |
| 3813501.05 | 138.10521  | (18120420) |            |           |
| 395679.64  | 3813518.39 | 139.58446  | (18011720) | 395714.30 |
| 3813535.73 | 149.07998  | (18011720) |            |           |
| 395748.95  | 3813553.06 | 149.50132  | (17122508) | 395783.60 |
| 3813570.40 | 143.46828  | (17122508) |            |           |
| 395818.25  | 3813587.74 | 140.64292  | (17060904) | 395852.90 |
| 3813605.08 | 130.40142  | (20120402) |            |           |
| 395887.55  | 3813622.42 | 150.60013  | (20120402) | 395922.20 |
| 3813639.75 | 145.95113  | (20120402) |            |           |
| 395956.86  | 3813657.09 | 139.26627  | (19120123) | 395991.51 |
| 3813674.43 | 152.25583  | (19120123) |            |           |
| 395505.13  | 3813433.26 | 133.13207  | (18020908) | 395467.97 |
| 3813419.05 | 146.20978  | (18020908) |            |           |
| 395719.65  | 3812982.03 | 120.15807  | (18120420) | 395754.39 |
| 3812999.42 | 120.63078  | (18120420) |            |           |
| 395789.13  | 3813016.80 | 106.79085  | (18120420) | 395823.87 |
| 3813034.18 | 119.68902  | (18011720) |            |           |
| 395858.61  | 3813051.56 | 123.67330  | (18011720) | 395893.35 |
| 3813068.95 | 124.03935  | (17122508) |            |           |
| 395928.10  | 3813086.33 | 121.65765  | (17122508) | 395962.84 |
| 3813103.71 | 118.38489  | (17060904) |            |           |
| 395997.58  | 3813121.09 | 109.93133  | (17060904) | 396032.32 |
| 3813138.48 | 116.80141  | (20120402) |            |           |
| 396067.06  | 3813155.86 | 126.30514  | (20120402) | 396101.80 |
| 3813173.24 | 119.50203  | (20120402) |            |           |
| 396136.54  | 3813190.62 | 114.70672  | (19120123) | 396171.28 |
| 3813208.01 | 126.26691  | (19120123) |            |           |
| 396206.02  | 3813225.39 | 121.88814  | (17010801) | 396240.76 |
| 3813242.77 | 126.36300  | (17010801) |            |           |
| 395683.70  | 3812966.24 | 119.61474  | (16012621) | 395646.53 |
| 3812952.03 | 113.12502  | (16012621) |            |           |
| 395898.25  | 3812515.02 | 98.38770   | (18120420) | 395933.06 |
| 3812532.44 | 92.37733   | (18011720) |            |           |

395967.87 3812549.86 103.49315 (18011720) 396002.67  
 3812567.27 104.83947 (18011720)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 696

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396037.48   | 3812584.69  | 105.19757  | (17122508) | 396072.29   |
| 3812602.10  | 104.66401   | (17122508) |            |             |
| 396107.09   | 3812619.52  | 100.30691  | (17060904) | 396141.90   |
| 3812636.93  | 97.86736    | (17060904) |            |             |
| 396176.71   | 3812654.35  | 89.58841   | (20120402) | 396211.52   |
| 3812671.77  | 103.32892   | (20120402) |            |             |
| 396246.32   | 3812689.18  | 107.31004  | (20120402) | 396281.13   |
| 3812706.60  | 100.28674   | (20120402) |            |             |
| 396315.94   | 3812724.01  | 96.61192   | (19120123) | 396350.75   |
| 3812741.43  | 106.64437   | (19120123) |            |             |
| 396385.55   | 3812758.84  | 105.81628  | (19120123) | 396420.36   |
| 3812776.26  | 107.61416   | (17010801) |            |             |
| 396455.17   | 3812793.68  | 104.23630  | (17010801) | 396489.98   |
| 3812811.09  | 107.84341   | (19120116) |            |             |
| 396524.78   | 3812828.51  | 101.91396  | (19120116) | 395862.26   |
| 3812499.21  | 104.00480   | (18120420) |            |             |
| 395825.10   | 3812485.00  | 99.07683   | (18120420) | 396374.60   |
| 3811269.70  | 73.65763    | (18011720) |            |             |
| 396409.75   | 3811287.29  | 71.88890   | (17122508) | 396444.89   |
| 3811304.88  | 74.40253    | (17122508) |            |             |
| 396480.04   | 3811322.46  | 72.36128   | (17122508) | 396515.18   |
| 3811340.05  | 70.01537    | (17060904) |            |             |
| 396550.33   | 3811357.63  | 69.80345   | (17060904) | 396585.48   |
| 3811375.22  | 65.33758    | (17060904) |            |             |
| 396620.62   | 3811392.80  | 64.32413   | (20120402) | 396655.77   |
| 3811410.39  | 71.74138    | (20120402) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396690.92  | 3811427.97 | 75.07969   | (20120402) | 396726.06 |
| 3811445.56 | 73.70842   | (20120402) |            |           |
| 396761.21  | 3811463.14 | 67.86124   | (20120402) | 396796.36 |
| 3811480.73 | 66.81736   | (19120123) |            |           |
| 396831.50  | 3811498.31 | 73.30921   | (19120123) | 396866.65 |
| 3811515.90 | 75.40057   | (19120123) |            |           |
| 396901.80  | 3811533.49 | 72.68246   | (19120123) | 396936.94 |
| 3811551.07 | 75.33020   | (17010801) |            |           |
| 396972.09  | 3811568.66 | 74.28099   | (17010801) | 397007.23 |
| 3811586.24 | 74.57480   | (19120116) |            |           |
| 397042.38  | 3811603.83 | 75.21185   | (19120116) | 397077.53 |
| 3811621.41 | 71.05194   | (19120116) |            |           |
| 397112.67  | 3811639.00 | 67.45757   | (16121408) | 397147.82 |
| 3811656.58 | 68.63639   | (16091002) |            |           |
| 397182.97  | 3811674.17 | 72.38732   | (16091002) | 397218.11 |
| 3811691.75 | 71.49703   | (16091002) |            |           |
| 396338.44  | 3811253.81 | 73.01661   | (18011720) | 396301.28 |
| 3811239.60 | 67.90579   | (18011720) |            |           |
| 396850.88  | 3810024.35 | 56.02896   | (17122508) | 396886.23 |
| 3810042.04 | 54.17399   | (17122508) |            |           |
| 396921.58  | 3810059.73 | 52.62600   | (17060904) | 396956.93 |
| 3810077.41 | 53.04771   | (17060904) |            |           |
| 396992.28  | 3810095.10 | 51.23996   | (17060904) | 397027.63 |
| 3810112.79 | 47.41733   | (17060904) |            |           |
| 397062.98  | 3810130.47 | 48.94340   | (20120402) | 397098.33 |
| 3810148.16 | 53.61653   | (20120402) |            |           |
| 397133.68  | 3810165.85 | 56.25846   | (20120402) | 397169.03 |
| 3810183.54 | 56.53182   | (20120402) |            |           |
| 397204.38  | 3810201.22 | 54.39350   | (20120402) | 397239.73 |
| 3810218.91 | 50.10481   | (20120402) |            |           |
| 397275.08  | 3810236.60 | 49.68142   | (19120123) | 397310.43 |
| 3810254.28 | 54.20246   | (19120123) |            |           |
| 397345.78  | 3810271.97 | 56.60456   | (19120123) | 397381.13 |
| 3810289.66 | 56.57670   | (19120123) |            |           |
| 397416.48  | 3810307.35 | 54.53576   | (17010801) | 397451.83 |
| 3810325.03 | 56.77748   | (17010801) |            |           |
| 397487.18  | 3810342.72 | 56.56270   | (17010801) | 397522.53 |
| 3810360.41 | 54.82013   | (19120116) |            |           |
| 397557.88  | 3810378.09 | 56.87809   | (19120116) | 397593.23 |
| 3810395.78 | 56.45915   | (19120116) |            |           |
| 397628.58  | 3810413.47 | 53.61385   | (19120116) | 397663.93 |
| 3810431.16 | 50.76719   | (16121408) |            |           |
| 397699.28  | 3810448.84 | 50.20112   | (16121408) | 397734.63 |
| 3810466.53 | 53.21104   | (16091002) |            |           |
| 397769.98  | 3810484.22 | 54.79182   | (16091002) | 397805.33 |
| 3810501.90 | 53.96764   | (16091002) |            |           |
| 397840.67  | 3810519.59 | 55.73921   | (17121208) | 397876.02 |
| 3810537.28 | 57.16841   | (17121208) |            |           |
| 397911.37  | 3810554.97 | 56.08553   | (17121208) | 397946.72 |
| 3810572.65 | 52.63239   | (17121208) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
|            | 397398.10   | 3808814.49  | 41.64666   | (17060904) | 397433.58   |
| 3808832.25 | 39.68363    | (17060904)  |            |            |             |
|            | 397469.07   | 3808850.00  | 36.65077   | (17060904) | 397504.55   |
| 3808867.76 | 39.11327    | (20120402)  |            |            |             |
|            | 397540.04   | 3808885.51  | 42.35107   | (20120402) | 397575.52   |
| 3808903.27 | 44.44300    | (20120402)  |            |            |             |
|            | 397611.01   | 3808921.02  | 45.19644   | (20120402) | 397646.50   |
| 3808938.78 | 44.53705    | (20120402)  |            |            |             |
|            | 397681.98   | 3808956.53  | 42.52261   | (20120402) | 397717.47   |
| 3808974.29 | 39.33193    | (20120402)  |            |            |             |
|            | 397752.95   | 3808992.04  | 39.04239   | (19120123) | 397788.44   |
| 3809009.80 | 42.36543    | (19120123)  |            |            |             |
|            | 397823.92   | 3809027.55  | 44.53264   | (19120123) | 397859.41   |
| 3809045.31 | 45.34424    | (19120123)  |            |            |             |
|            | 397894.89   | 3809063.06  | 44.72058   | (19120123) | 397930.38   |
| 3809080.82 | 43.66706    | (17010801)  |            |            |             |
|            | 397965.86   | 3809098.57  | 45.18454   | (17010801) | 398001.35   |
| 3809116.33 | 45.28109    | (17010801)  |            |            |             |
|            | 398036.84   | 3809134.08  | 43.94462   | (17010801) | 398072.32   |
| 3809151.84 | 44.62882    | (19120116)  |            |            |             |
|            | 398107.81   | 3809169.59  | 45.43884   | (19120116) | 398143.29   |
| 3809187.35 | 44.79882    | (19120116)  |            |            |             |
|            | 398178.78   | 3809205.10  | 42.76741   | (19120116) | 398214.26   |
| 3809222.86 | 40.28088    | (16121408)  |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3809258.37 | 398249.75 | 3809240.61 | 40.34130   | (16121408) | 398285.23 |
|            |           | 40.88458   | (16091002) |            |           |
|            | 398320.72 | 3809276.12 | 42.95568   | (16091002) | 398356.20 |
| 3809293.88 |           | 43.69778   | (16091002) |            |           |
|            | 398391.69 | 3809311.63 | 43.03998   | (16091002) | 398427.18 |
| 3809329.39 |           | 43.90183   | (17121208) |            |           |
|            | 398462.66 | 3809347.14 | 45.36184   | (17121208) | 398498.15 |
| 3809364.90 |           | 45.38093   | (17121208) |            |           |
|            | 398533.63 | 3809382.65 | 43.95749   | (17121208) | 398569.12 |
| 3809400.41 |           | 41.22521   | (17121208) |            |           |
|            | 398604.60 | 3809418.16 | 37.43559   | (17121208) | 398640.09 |
| 3809435.92 |           | 41.18575   | (18010107) |            |           |
|            | 397290.80 | 3808763.00 | 42.99569   | (17122508) | 397253.64 |
| 3808748.79 |           | 44.53871   | (17122508) |            |           |
|            | 397803.35 | 3807533.60 | 34.72450   | (17060904) | 397838.94 |
| 3807551.40 |           | 33.68442   | (17060904) |            |           |
|            | 397874.52 | 3807569.21 | 31.90803   | (17060904) | 397910.10 |
| 3807587.01 |           | 29.51304   | (17060904) |            |           |
|            | 397945.68 | 3807604.82 | 32.29534   | (20120402) | 397981.27 |
| 3807622.62 |           | 34.67667   | (20120402) |            |           |
|            | 398016.85 | 3807640.42 | 36.35395   | (20120402) | 398052.43 |
| 3807658.23 |           | 37.21045   | (20120402) |            |           |
|            | 398088.01 | 3807676.03 | 37.18325   | (20120402) | 398123.59 |
| 3807693.83 |           | 36.27215   | (20120402) |            |           |
|            | 398159.18 | 3807711.64 | 34.53879   | (20120402) | 398194.76 |
| 3807729.44 |           | 32.10219   | (20120402) |            |           |
|            | 398230.34 | 3807747.24 | 31.82183   | (19120123) | 398265.92 |
| 3807765.05 |           | 34.35800   | (19120123) |            |           |
|            | 398301.51 | 3807782.85 | 36.20801   | (19120123) | 398337.09 |
| 3807800.65 |           | 37.24174   | (19120123) |            |           |
|            | 398372.67 | 3807818.46 | 37.38445   | (19120123) | 398408.25 |
| 3807836.26 |           | 36.62412   | (19120123) |            |           |
|            | 398443.84 | 3807854.06 | 36.14540   | (17010801) | 398479.42 |
| 3807871.87 |           | 37.25116   | (17010801) |            |           |
|            | 398515.00 | 3807889.67 | 37.46352   | (17010801) | 398550.58 |
| 3807907.47 |           | 36.76600   | (17010801) |            |           |
|            | 398586.16 | 3807925.28 | 36.05806   | (19120116) | 398621.75 |
| 3807943.08 |           | 37.22623   | (19120116) |            |           |
|            | 398657.33 | 3807960.88 | 37.50040   | (19120116) | 398692.91 |
| 3807978.69 |           | 36.85999   | (19120116) |            |           |
|            | 398728.49 | 3807996.49 | 35.35057   | (19120116) | 398764.08 |
| 3808014.30 |           | 33.09437   | (16121408) |            |           |
|            | 398799.66 | 3808032.10 | 33.38802   | (16121408) | 398835.24 |
| 3808049.90 |           | 32.86519   | (16121408) |            |           |
|            | 398870.82 | 3808067.71 | 34.49002   | (16091002) | 398906.41 |
| 3808085.51 |           | 35.71431   | (16091002) |            |           |
|            | 398941.99 | 3808103.31 | 36.08158   | (16091002) | 398977.57 |
| 3808121.12 |           | 35.56515   | (16091002) |            |           |
|            | 399013.15 | 3808138.92 | 35.85056   | (17121208) | 399048.73 |
| 3808156.72 |           | 37.17367   | (17121208) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399084.32  | 3808174.53 | 37.60702   | (17121208) | 399119.90 |
| 3808192.33 | 37.11885   | (17121208) |            |           |
| 399155.48  | 3808210.13 | 35.74519   | (17121208) | 399191.06 |
| 3808227.94 | 33.58434   | (17121208) |            |           |
| 399226.65  | 3808245.74 | 30.78572   | (17121208) | 399262.23 |
| 3808263.54 | 33.40479   | (18010107) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 698

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 399297.81   | 3808281.35  | 35.59847   | (18010107) | 399333.39   |
| 3808299.15  | 37.01336    | (18010107) |            |             |
| 399368.98   | 3808316.95  | 37.54957   | (18010107) | 397766.98   |
| 3807517.59  | 34.96655    | (17060904) |            |             |
| 397729.82   | 3807503.38  | 34.38404   | (17060904) | 398279.40   |
| 3806288.13  | 27.91845    | (17060904) |            |             |
| 398314.71   | 3806305.80  | 26.40563   | (17060904) | 398350.03   |
| 3806323.47  | 25.06184    | (20120402) |            |             |
| 398385.35   | 3806341.14  | 27.23874   | (20120402) | 398420.66   |
| 3806358.81  | 29.06161    | (20120402) |            |             |
| 398455.98   | 3806376.48  | 30.43730   | (20120402) | 398491.29   |
| 3806394.15  | 31.29093    | (20120402) |            |             |
| 398526.61   | 3806411.82  | 31.57505   | (20120402) | 398561.92   |
| 3806429.49  | 31.27253    | (20120402) |            |             |
| 398597.24   | 3806447.16  | 30.39867   | (20120402) | 398632.55   |
| 3806464.83  | 29.00057    | (20120402) |            |             |
| 398667.87   | 3806482.50  | 27.15127   | (20120402) | 398703.18   |
| 3806500.17  | 26.93532    | (20012221) |            |             |
| 398738.50   | 3806517.84  | 28.38115   | (19120123) | 398773.81   |
| 3806535.51  | 29.98651    | (19120123) |            |             |
| 398809.13   | 3806553.18  | 31.09183   | (19120123) | 398844.45   |
| 3806570.85  | 31.63527    | (19120123) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 398879.76  | 3806588.52          | 31.58568 | (19120123) | 398915.08 |
| 3806606.19 | 30.94486 (19120123) |          |            |           |
| 398950.39  | 3806623.86          | 30.42109 | (17010801) | 398985.71 |
| 3806641.53 | 31.36633 (17010801) |          |            |           |
| 399021.02  | 3806659.20          | 31.73306 | (17010801) | 399056.34 |
| 3806676.87 | 31.50006 (17010801) |          |            |           |
| 399091.65  | 3806694.54          | 30.67986 | (17010801) | 399126.97 |
| 3806712.21 | 30.79579 (19120116) |          |            |           |
| 399162.28  | 3806729.88          | 31.56630 | (19120116) | 399197.60 |
| 3806747.55 | 31.74563 (19120116) |          |            |           |
| 399232.91  | 3806765.22          | 31.32303 | (19120116) | 399268.23 |
| 3806782.89 | 30.32165 (19120116) |          |            |           |
| 399303.55  | 3806800.56          | 28.79680 | (19120116) | 399338.86 |
| 3806818.23 | 28.19279 (16121408) |          |            |           |
| 399374.18  | 3806835.90          | 28.17915 | (16121408) | 399409.49 |
| 3806853.57 | 27.78505 (16091002) |          |            |           |
| 399444.81  | 3806871.24          | 29.22871 | (16091002) | 399480.12 |
| 3806888.91 | 30.16465 (16091002) |          |            |           |
| 399515.44  | 3806906.58          | 30.54087 | (16091002) | 399550.75 |
| 3806924.25 | 30.33577 (16091002) |          |            |           |
| 399586.07  | 3806941.92          | 29.56079 | (16091002) | 399621.38 |
| 3806959.59 | 30.83706 (17121208) |          |            |           |
| 399656.70  | 3806977.26          | 31.62560 | (17121208) | 399692.01 |
| 3806994.93 | 31.81940 (17121208) |          |            |           |
| 399727.33  | 3807012.60          | 31.40758 | (17121208) | 399762.65 |
| 3807030.27 | 30.41349 (17121208) |          |            |           |
| 399797.96  | 3807047.94          | 28.89313 | (17121208) | 399833.28 |
| 3807065.61 | 26.92839 (17121208) |          |            |           |
| 399868.59  | 3807083.28          | 26.92531 | (18010107) | 399903.91 |
| 3807100.95 | 28.88006 (18010107) |          |            |           |
| 399939.22  | 3807118.62          | 30.38957 | (18010107) | 399974.54 |
| 3807136.29 | 31.37304 (18010107) |          |            |           |
| 400009.85  | 3807153.96          | 31.77570 | (18010107) | 400045.17 |
| 3807171.63 | 31.57544 (18010107) |          |            |           |
| 400080.48  | 3807189.30          | 30.78421 | (18010107) | 398243.16 |
| 3806272.19 | 28.99139 (17060904) |          |            |           |
| 398205.99  | 3806257.98          | 29.55595 | (17060904) | 398755.63 |
| 3805042.75 | 22.29863 (17060904) |          |            |           |
| 398791.03  | 3805060.47          | 21.80125 | (20120402) | 398826.44 |
| 3805078.18 | 23.48735 (20120402) |          |            |           |
| 398861.85  | 3805095.90          | 24.92529 | (20120402) | 398897.26 |
| 3805113.62 | 26.05455 (20120402) |          |            |           |
| 398932.67  | 3805131.33          | 26.82561 | (20120402) | 398968.08 |
| 3805149.05 | 27.20370 (20120402) |          |            |           |
| 399003.49  | 3805166.77          | 27.17087 | (20120402) | 399038.90 |
| 3805184.48 | 26.72783 (20120402) |          |            |           |
| 399074.30  | 3805202.20          | 25.89398 | (20120402) | 399109.71 |
| 3805219.92 | 24.70521 (20120402) |          |            |           |
| 399145.12  | 3805237.63          | 23.21263 | (20120402) | 399180.53 |
| 3805255.35 | 23.23170 (20012221) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399215.94  | 3805273.07 | 24.16094   | (19120123) | 399251.35 |
| 3805290.78 | 25.49985   | (19120123) |            |           |
| 399286.76  | 3805308.50 | 26.50323   | (19120123) | 399322.17 |
| 3805326.22 | 27.12597   | (19120123) |            |           |
| 399357.58  | 3805343.93 | 27.33927   | (19120123) | 399392.98 |
| 3805361.65 | 27.13299   | (19120123) |            |           |
| 399428.39  | 3805379.37 | 26.51582   | (19120123) | 399463.80 |
| 3805397.08 | 26.30392   | (17010801) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 699

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 399499.21   | 3805414.80  | 27.03780   | (17010801) | 399534.62   |
| 3805432.52  | 27.36569    | (17010801) |            |             |
| 399570.03   | 3805450.23  | 27.27208   | (17010801) | 399605.44   |
| 3805467.95  | 26.76086    | (17010801) |            |             |
| 399640.85   | 3805485.67  | 26.06572   | (19120116) | 399676.25   |
| 3805503.38  | 26.90324    | (19120116) |            |             |
| 399711.66   | 3805521.10  | 27.34038   | (19120116) | 399747.07   |
| 3805538.82  | 27.35636    | (19120116) |            |             |
| 399782.48   | 3805556.53  | 26.95013   | (19120116) | 399817.89   |
| 3805574.25  | 26.14007    | (19120116) |            |             |
| 399853.30   | 3805591.97  | 24.96262   | (19120116) | 399888.71   |
| 3805609.68  | 24.25038    | (16121408) |            |             |
| 399924.12   | 3805627.40  | 24.35940   | (16121408) | 399959.53   |
| 3805645.12  | 24.09066    | (16121408) |            |             |
| 399994.93   | 3805662.83  | 24.53438   | (16091002) | 400030.34   |
| 3805680.55  | 25.52299    | (16091002) |            |             |
| 400065.75   | 3805698.27  | 26.14069   | (16091002) | 400101.16   |
| 3805715.98  | 26.35904    | (16091002) |            |             |
| 400136.57   | 3805733.70  | 26.16794   | (16091002) | 400171.98   |
| 3805751.42  | 25.57613    | (16091002) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 400207.39  | 3805769.13          | 26.37257 | (17121208) | 400242.80 |
| 3805786.85 | 27.11385 (17121208) |          |            |           |
| 400278.20  | 3805804.57          | 27.44442 | (17121208) | 400313.61 |
| 3805822.28 | 27.34918 (17121208) |          |            |           |
| 400349.02  | 3805840.00          | 26.83252 | (17121208) | 400384.43 |
| 3805857.72 | 25.91826 (17121208) |          |            |           |
| 400419.84  | 3805875.43          | 24.64794 | (17121208) | 400455.25 |
| 3805893.15 | 23.07718 (17121208) |          |            |           |
| 400490.66  | 3805910.87          | 22.97051 | (18010107) | 400526.07 |
| 3805928.58 | 24.55007 (18010107) |          |            |           |
| 400561.48  | 3805946.30          | 25.83257 | (18010107) | 400596.88 |
| 3805964.02 | 26.76170 (18010107) |          |            |           |
| 400632.29  | 3805981.73          | 27.29616 | (18010107) | 400667.70 |
| 3805999.45 | 27.41163 (18010107) |          |            |           |
| 400703.11  | 3806017.17          | 27.10298 | (18010107) | 400738.52 |
| 3806034.88 | 26.38485 (18010107) |          |            |           |
| 400773.93  | 3806052.60          | 25.29009 | (18010107) | 398719.34 |
| 3805026.79 | 23.60497 (17060904) |          |            |           |
| 398682.17  | 3805012.58          | 24.61994 | (17060904) | 394406.56 |
| 3816073.16 | 15.37915 (20021001) |          |            |           |
| 394405.78  | 3816096.64          | 15.76578 | (17042910) | 394397.92 |
| 3816331.36 | 12.63984 (16040612) |          |            |           |
| 394397.13  | 3816354.83          | 12.36354 | (16041713) | 394392.74 |
| 3816052.34 | 14.30985 (20021001) |          |            |           |
| 394426.65  | 3816029.82          | 13.81158 | (18101513) | 394381.58 |
| 3816072.33 | 15.06372 (19103011) |          |            |           |
| 394380.79  | 3816095.80          | 15.47424 | (18101514) | 394380.01 |
| 3816119.27 | 15.15821 (19103012) |          |            |           |
| 394379.22  | 3816142.74          | 14.84805 | (18101512) | 394378.43 |
| 3816166.22 | 14.16745 (20122312) |          |            |           |
| 394377.65  | 3816189.69          | 14.15809 | (18110813) | 394376.86 |
| 3816213.16 | 13.75361 (19103010) |          |            |           |
| 394376.08  | 3816236.63          | 13.01526 | (18101212) | 394375.29 |
| 3816260.11 | 12.78083 (19060812) |          |            |           |
| 394374.51  | 3816283.58          | 12.50056 | (17102314) | 394373.72 |
| 3816307.05 | 12.58010 (17031409) |          |            |           |
| 394372.93  | 3816330.52          | 12.21870 | (17031409) | 394372.15 |
| 3816354.00 | 12.17289 (16041713) |          |            |           |
| 394412.82  | 3816008.99          | 13.52971 | (16030408) | 394435.58 |
| 3816006.47 | 13.77164 (16030408) |          |            |           |
| 394355.81  | 3816094.96          | 14.93510 | (20012917) | 394355.02 |
| 3816118.44 | 14.78961 (20012916) |          |            |           |
| 394354.23  | 3816141.91          | 14.50794 | (18101512) | 394353.45 |
| 3816165.38 | 13.86592 (20122312) |          |            |           |
| 394352.66  | 3816188.85          | 13.68656 | (18110813) | 394351.88 |
| 3816212.33 | 13.17249 (19103010) |          |            |           |
| 394351.09  | 3816235.80          | 12.51813 | (17102410) | 394350.31 |
| 3816259.27 | 12.62740 (17031409) |          |            |           |
| 394349.52  | 3816282.74          | 13.19779 | (17031409) | 394348.73 |
| 3816306.22 | 13.31344 (17031409) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394347.95  | 3816329.69 | 12.94535   | (17031409) | 394347.16 |
| 3816353.16 | 12.11488   | (17031409) |            |           |
| 394421.75  | 3815985.64 | 12.57939   | (16031609) | 394444.51 |
| 3815983.12 | 12.07906   | (16031609) |            |           |
| 394328.46  | 3816164.54 | 13.47070   | (18110812) | 394327.68 |
| 3816188.02 | 13.03977   | (19103010) |            |           |
| 394326.89  | 3816211.49 | 12.67458   | (16122113) | 394326.11 |
| 3816234.96 | 12.61086   | (16122113) |            |           |
| 394325.32  | 3816258.43 | 13.02079   | (17031409) | 394324.53 |
| 3816281.91 | 13.53296   | (17031409) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 700

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 394323.75   | 3816305.38  | 13.61328   | (17031409) | 394322.96   |
| 3816328.85  | 13.23743    | (17031409) |            |             |
| 394322.18   | 3816352.32  | 12.42574   | (17031409) | 394292.79   |
| 3816048.99  | 13.57827    | (20112617) |            |             |
| 394303.95   | 3816029.00  | 13.55728   | (17042910) | 394315.11   |
| 3816009.01  | 13.09271    | (20021001) |            |             |
| 394326.27   | 3815989.01  | 12.29492   | (20020918) | 394337.43   |
| 3815969.02  | 12.27637    | (16031609) |            |             |
| 394371.34   | 3815946.51  | 12.15941   | (16031609) | 394439.61   |
| 3815938.94  | 10.94813    | (16031609) |            |             |
| 394462.36   | 3815936.42  | 10.82930   | (19042309) | 394281.63   |
| 3816068.98  | 13.29831    | (17120516) |            |             |
| 394280.85   | 3816092.45  | 13.05387   | (19031511) | 394280.06   |
| 3816115.93  | 12.88470    | (19112312) |            |             |
| 394279.28   | 3816139.40  | 12.79859   | (18110812) | 394278.49   |
| 3816162.87  | 12.32518    | (19101014) |            |             |
| 394277.70   | 3816186.34  | 12.72920   | (16122113) | 394276.92   |
| 3816209.82  | 12.91626    | (16122113) |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3816256.76 | 394276.13 | 3816233.29          | 12.76547 | (16122113) | 394275.35 |
|            |           | 13.00985 (17031409) |          |            |           |
|            | 394274.56 | 3816280.23          | 13.36936 | (17031409) | 394273.78 |
| 3816303.71 |           | 13.35664 (17031409) |          |            |           |
|            | 394272.99 | 3816327.18          | 12.95927 | (17031409) | 394272.20 |
| 3816350.65 |           | 12.19847 (17031409) |          |            |           |
|            | 394366.44 | 3815902.33          | 11.10242 | (16031609) | 394389.20 |
| 3815899.81 |           | 10.72257 (16031609) |          |            |           |
|            | 394480.22 | 3815889.71          | 10.74515 | (19051115) | 394228.52 |
| 3816161.20 |           | 12.08032 (16122113) |          |            |           |
|            | 394227.73 | 3816184.67          | 12.38173 | (16122113) | 394226.95 |
| 3816208.14 |           | 12.41541 (16122113) |          |            |           |
|            | 394226.16 | 3816231.62          | 12.16376 | (16122113) | 394225.38 |
| 3816255.09 |           | 12.49562 (17031409) |          |            |           |
|            | 394224.59 | 3816278.56          | 12.70183 | (17031409) | 394223.80 |
| 3816302.03 |           | 12.59607 (17031409) |          |            |           |
|            | 394223.02 | 3816325.51          | 12.17601 | (17031409) | 394222.23 |
| 3816348.98 |           | 11.81907 (18070608) |          |            |           |
|            | 394192.85 | 3816045.64          | 11.77765 | (19103013) | 394204.01 |
| 3816025.65 |           | 12.10596 (20090812) |          |            |           |
|            | 394215.17 | 3816005.66          | 12.29376 | (20090814) | 394226.33 |
| 3815985.67 |           | 12.17533 (18101914) |          |            |           |
|            | 394237.48 | 3815965.68          | 11.77223 | (18032711) | 394248.64 |
| 3815945.69 |           | 10.89355 (17082808) |          |            |           |
|            | 394259.80 | 3815925.69          | 11.04524 | (16031609) | 394270.96 |
| 3815905.70 |           | 11.09806 (16031609) |          |            |           |
|            | 394282.12 | 3815885.71          | 10.96132 | (16031609) | 394316.03 |
| 3815863.20 |           | 10.50427 (16031609) |          |            |           |
|            | 394384.30 | 3815855.63          | 9.98280  | (20101516) | 394407.06 |
| 3815853.10 |           | 10.13103 (18012615) |          |            |           |
|            | 394429.81 | 3815850.58          | 10.21702 | (20060813) | 394498.08 |
| 3815843.01 |           | 10.80557 (17031909) |          |            |           |
|            | 394181.69 | 3816065.63          | 11.57802 | (19112312) | 394180.90 |
| 3816089.11 |           | 11.40325 (18111314) |          |            |           |
|            | 394180.12 | 3816112.58          | 11.21615 | (18101913) | 394179.33 |
| 3816136.05 |           | 11.28234 (16122113) |          |            |           |
|            | 394178.55 | 3816159.52          | 11.62200 | (16122113) | 394177.76 |
| 3816183.00 |           | 11.74935 (16122113) |          |            |           |
|            | 394176.97 | 3816206.47          | 11.64606 | (16122113) | 394176.19 |
| 3816229.94 |           | 11.30703 (16122113) |          |            |           |
|            | 394175.40 | 3816253.41          | 11.44364 | (20111009) | 394174.62 |
| 3816276.89 |           | 11.64689 (20111009) |          |            |           |
|            | 394173.83 | 3816300.36          | 11.59659 | (20111009) | 394173.05 |
| 3816323.83 |           | 11.35756 (18070608) |          |            |           |
|            | 394172.26 | 3816347.30          | 11.19738 | (18070608) | 394311.13 |
| 3815819.02 |           | 9.47521 (17092416)  |          |            |           |
|            | 394333.89 | 3815816.49          | 9.55817  | (16020315) | 394402.16 |
| 3815808.92 |           | 10.16647 (20030212) |          |            |           |
|            | 394424.91 | 3815806.40          | 10.35780 | (20060809) | 394447.67 |
| 3815803.88 |           | 10.50177 (20102601) |          |            |           |



|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3816085.76 | 394081.75 | 3816062.29          | 10.33036 | (19103015) | 394080.96 |
|            |           | 10.21836 (16122614) |          |            |           |
| 3816132.71 | 394080.17 | 3816109.23          | 10.21794 | (16122113) | 394079.39 |
|            |           | 10.42380 (16122113) |          |            |           |
| 3816179.65 | 394078.60 | 3816156.18          | 10.47447 | (16122113) | 394077.82 |
|            |           | 10.36111 (16122113) |          |            |           |
| 3816226.60 | 394077.03 | 3816203.12          | 10.08178 | (16122113) | 394076.25 |
|            |           | 10.19447 (20111009) |          |            |           |
| 3816273.54 | 394075.46 | 3816250.07          | 10.40391 | (20111009) | 394074.67 |
|            |           | 10.43673 (20111009) |          |            |           |
| 3816320.49 | 394073.89 | 3816297.01          | 10.28709 | (20111009) | 394073.10 |
|            |           | 10.11625 (18070608) |          |            |           |
| 3816038.95 | 394072.32 | 3816343.96          | 9.92594  | (18070608) | 393992.96 |
|            |           | 9.51782 (19012414)  |          |            |           |
| 3815998.97 | 394004.12 | 3816018.96          | 9.57427  | (20022517) | 394015.28 |
|            |           | 9.75314 (19121616)  |          |            |           |
| 3815958.99 | 394026.44 | 3815978.98          | 9.91677  | (18120413) | 394037.60 |
|            |           | 10.07372 (16022213) |          |            |           |
| 3815919.00 | 394048.75 | 3815938.99          | 10.25421 | (16122616) | 394059.91 |
|            |           | 10.30684 (18101217) |          |            |           |
| 3815879.02 | 394071.07 | 3815899.01          | 10.38362 | (19121715) | 394082.23 |
|            |           | 10.28173 (20020415) |          |            |           |
| 3815839.04 | 394093.39 | 3815859.03          | 9.51841  | (17030212) | 394104.55 |
|            |           | 9.00065 (16031609)  |          |            |           |
| 3815799.05 | 394115.71 | 3815819.04          | 9.19251  | (16031609) | 394126.87 |
|            |           | 9.27271 (16031609)  |          |            |           |
| 3815759.07 | 394138.03 | 3815779.06          | 9.24097  | (16031609) | 394149.18 |
|            |           | 9.10094 (16031609)  |          |            |           |
| 3815719.09 | 394160.34 | 3815739.08          | 8.86000  | (16031609) | 394171.50 |
|            |           | 8.62558 (20120312)  |          |            |           |
| 3815689.00 | 394205.42 | 3815696.57          | 8.68292  | (20020912) | 394273.68 |
|            |           | 9.10662 (17090916)  |          |            |           |
| 3815678.91 | 394296.44 | 3815686.48          | 9.20752  | (20030211) | 394364.70 |
|            |           | 9.81765 (16041707)  |          |            |           |
| 3815673.86 | 394387.46 | 3815676.39          | 9.72099  | (19092413) | 394410.22 |
|            |           | 9.82844 (20021016)  |          |            |           |
| 3815656.20 | 394546.75 | 3815658.72          | 13.07096 | (19011309) | 394569.50 |
|            |           | 13.49841 (19052213) |          |            |           |
| 3816082.42 | 393981.80 | 3816058.94          | 9.43369  | (17101416) | 393981.02 |
|            |           | 9.35006 (18020616)  |          |            |           |
| 3816129.36 | 393980.23 | 3816105.89          | 9.44026  | (16122113) | 393979.44 |
|            |           | 9.44587 (16122113)  |          |            |           |
| 3816176.31 | 393978.66 | 3816152.83          | 9.33003  | (16122113) | 393977.87 |
|            |           | 9.26580 (16121816)  |          |            |           |
| 3816223.25 | 393977.09 | 3816199.78          | 9.16259  | (20111009) | 393976.30 |
|            |           | 9.35986 (20111009)  |          |            |           |
| 3816270.20 | 393975.52 | 3816246.72          | 9.42923  | (20111009) | 393974.73 |
|            |           | 9.36481 (20111009)  |          |            |           |
| 3816317.14 | 393973.94 | 3816293.67          | 9.33679  | (16020815) | 393973.16 |
|            |           | 9.52347 (17121414)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393972.37  | 3816340.61         | 9.85539 | (16020816) | 393893.02 |
| 3816035.61 | 8.72165 (17091017) |         |            |           |
| 393904.18  | 3816015.61         | 8.76655 | (20102711) | 393915.33 |
| 3815995.62 | 8.88172 (16101917) |         |            |           |
| 393926.49  | 3815975.63         | 8.96545 | (17021217) | 393937.65 |
| 3815955.64 | 9.04894 (18112614) |         |            |           |
| 393948.81  | 3815935.65         | 9.13130 | (18120417) | 393959.97 |
| 3815915.66 | 9.28563 (16111712) |         |            |           |
| 393971.13  | 3815895.66         | 9.42132 | (20112620) | 393982.29 |
| 3815875.67 | 9.47608 (20102715) |         |            |           |
| 393993.45  | 3815855.68         | 9.41154 | (19123011) | 394004.60 |
| 3815835.69 | 9.05650 (19031616) |         |            |           |
| 394015.76  | 3815815.70         | 8.73085 | (20041707) | 394026.92 |
| 3815795.71 | 8.79880 (20041707) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 702

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 394038.08   | 3815775.71         | 8.70487    | (20041707) | 394049.24   |
| 3815755.72  | 8.45268 (20041707) |            |            |             |
| 394060.40   | 3815735.73         | 8.44771    | (16031609) | 394071.56   |
| 3815715.74  | 8.53201 (16031609) |            |            |             |
| 394082.72   | 3815695.75         | 8.39760    | (16031609) | 394093.88   |
| 3815675.76  | 8.21517 (19031614) |            |            |             |
| 394105.03   | 3815655.77         | 8.10572    | (20120312) | 394116.19   |
| 3815635.77  | 8.16982 (17120712) |            |            |             |
| 394150.11   | 3815613.26         | 8.38051    | (17012815) | 394172.86   |
| 3815610.74  | 8.50269 (19112524) |            |            |             |
| 394195.62   | 3815608.21         | 8.62638    | (16121913) | 394218.37   |
| 3815605.69  | 8.77479 (16041707) |            |            |             |
| 394241.13   | 3815603.17         | 9.26128    | (16041707) | 394309.40   |
| 3815595.60  | 9.95563 (16041707) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394332.15  | 3815593.07          | 9.86800  | (16041707) | 394354.91 |
| 3815590.55 | 9.60543 (16041707)  |          |            |           |
| 394536.95  | 3815570.36          | 13.43181 | (19011309) | 394559.71 |
| 3815567.84 | 13.33362 (19011309) |          |            |           |
| 394582.46  | 3815565.32          | 12.91510 | (19011309) | 394605.22 |
| 3815562.79 | 13.03406 (20110416) |          |            |           |
| 393881.86  | 3816055.60          | 8.63840  | (17030216) | 393881.07 |
| 3816079.07 | 8.62686 (16122113)  |          |            |           |
| 393880.29  | 3816102.54          | 8.69397  | (19083007) | 393879.50 |
| 3816126.01 | 8.67554 (19083007)  |          |            |           |
| 393878.71  | 3816149.49          | 8.60673  | (18041312) | 393877.93 |
| 3816172.96 | 8.51584 (17121713)  |          |            |           |
| 393877.14  | 3816196.43          | 8.51022  | (20111009) | 393876.36 |
| 3816219.90 | 8.59681 (20111009)  |          |            |           |
| 393875.57  | 3816243.38          | 8.58261  | (20111009) | 393874.79 |
| 3816266.85 | 8.58219 (17120410)  |          |            |           |
| 393874.00  | 3816290.32          | 8.72610  | (16040615) | 393873.21 |
| 3816313.79 | 8.90976 (18021312)  |          |            |           |
| 393872.43  | 3816337.27          | 9.23033  | (18010609) | 394094.80 |
| 3815529.95 | 7.96730 (17090918)  |          |            |           |
| 394117.55  | 3815527.42          | 8.03744  | (19112524) | 394140.31 |
| 3815524.90 | 8.23149 (19102512)  |          |            |           |
| 394163.07  | 3815522.38          | 8.71841  | (16041707) | 394185.82 |
| 3815519.85 | 9.13907 (16041707)  |          |            |           |
| 394208.58  | 3815517.33          | 9.46325  | (16041707) | 394231.33 |
| 3815514.81 | 9.67275 (16041707)  |          |            |           |
| 394254.09  | 3815512.28          | 9.75302  | (16041707) | 394276.84 |
| 3815509.76 | 9.69356 (16041707)  |          |            |           |
| 394299.60  | 3815507.24          | 9.48931  | (16041707) | 394504.40 |
| 3815484.53 | 13.15021 (19010217) |          |            |           |
| 394527.15  | 3815482.01          | 13.46757 | (16120317) | 394549.91 |
| 3815479.48 | 13.43453 (19123009) |          |            |           |
| 394572.67  | 3815476.96          | 14.51106 | (20110416) | 394595.42 |
| 3815474.44 | 14.12181 (19102714) |          |            |           |
| 394618.18  | 3815471.91          | 14.30987 | (19102714) | 394640.93 |
| 3815469.39 | 13.76614 (19011214) |          |            |           |
| 393779.56  | 3816122.67          | 8.36547  | (19083007) | 393778.77 |
| 3816146.14 | 8.05352 (19083007)  |          |            |           |
| 393777.98  | 3816169.61          | 7.80568  | (20111009) | 393777.20 |
| 3816193.09 | 7.90569 (19022710)  |          |            |           |
| 393776.41  | 3816216.56          | 7.91517  | (20111009) | 393775.63 |
| 3816240.03 | 7.85148 (20111009)  |          |            |           |
| 393774.84  | 3816263.50          | 7.86779  | (18021313) | 393774.06 |
| 3816286.98 | 7.97578 (18120710)  |          |            |           |
| 393773.27  | 3816310.45          | 8.01045  | (20021115) | 393772.48 |
| 3816333.92 | 9.14679 (18010609)  |          |            |           |
| 393693.13  | 3816028.91          | 8.23222  | (19083007) | 393704.29 |
| 3816008.92 | 8.06507 (19083007)  |          |            |           |
| 393715.45  | 3815988.93          | 7.78730  | (19083007) | 393726.61 |
| 3815968.94 | 7.63592 (16040517)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393737.76  | 3815948.95         | 7.71226 | (19101115) | 393748.92 |
| 3815928.96 | 7.74934 (19103001) |         |            |           |
| 393760.08  | 3815908.96         | 7.77181 | (19031517) | 393771.24 |
| 3815888.97 | 7.83241 (17011317) |         |            |           |
| 393782.40  | 3815868.98         | 7.84436 | (18120417) | 393793.56 |
| 3815848.99 | 7.90067 (18020715) |         |            |           |
| 393804.72  | 3815829.00         | 8.04312 | (16111716) | 393815.88 |
| 3815809.01 | 8.12806 (20092717) |         |            |           |
| 393827.03  | 3815789.01         | 8.14576 | (20121816) | 393838.19 |
| 3815769.02 | 8.05603 (19123011) |         |            |           |
| 393849.35  | 3815749.03         | 7.95732 | (16110215) | 393860.51 |
| 3815729.04 | 8.07165 (20041707) |         |            |           |
| 393871.67  | 3815709.05         | 8.23265 | (20041707) | 393882.83 |
| 3815689.06 | 8.27449 (20041707) |         |            |           |
| 393893.99  | 3815669.07         | 8.19468 | (20041707) | 393905.15 |
| 3815649.07 | 7.99818 (20041707) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 703

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393916.30   | 3815629.08         | 7.69490    | (20041707) | 393927.46   |
| 3815609.09  | 7.52764 (17010716) |            |            |             |
| 393938.62   | 3815589.10         | 7.45390    | (20020317) | 393949.78   |
| 3815569.11  | 7.44905 (19010215) |            |            |             |
| 393960.94   | 3815549.12         | 7.43462    | (16010216) | 393972.10   |
| 3815529.12  | 7.47265 (16010216) |            |            |             |
| 393983.26   | 3815509.13         | 7.31190    | (19102116) | 393994.42   |
| 3815489.14  | 7.38534 (18012616) |            |            |             |
| 394005.58   | 3815469.15         | 7.62443    | (18120709) | 394039.49   |
| 3815446.63  | 7.61208 (18120709) |            |            |             |
| 394062.25   | 3815444.11         | 7.66856    | (18030417) | 394153.27   |
| 3815434.02  | 9.10664 (16041707) |            |            |             |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3815428.97 | 394176.02 | 3815431.49 | 9.28263    | (16041707) | 394198.78 |
|            |           | 9.35113    | (16041707) |            |           |
|            | 394221.53 | 3815426.45 | 9.30530    | (16041707) | 394244.29 |
| 3815423.93 |           | 9.14201    | (16041707) |            |           |
|            | 394267.05 | 3815421.40 | 9.54437    | (20011816) | 394289.80 |
| 3815418.88 |           | 10.33047   | (20011816) |            |           |
|            | 394312.56 | 3815416.36 | 10.83922   | (18041318) | 394335.31 |
| 3815413.83 |           | 11.11750   | (19011218) |            |           |
|            | 394358.07 | 3815411.31 | 11.71317   | (17012916) | 394380.82 |
| 3815408.79 |           | 12.20145   | (16041520) |            |           |
|            | 394403.58 | 3815406.26 | 12.14885   | (16041520) | 394426.33 |
| 3815403.74 |           | 12.43610   | (16020416) |            |           |
|            | 394449.09 | 3815401.22 | 12.41117   | (19102516) | 394471.85 |
| 3815398.69 |           | 12.96025   | (19010217) |            |           |
|            | 394494.60 | 3815396.17 | 13.33354   | (16120317) | 394517.36 |
| 3815393.65 |           | 13.57338   | (19123009) |            |           |
|            | 394540.11 | 3815391.12 | 14.64057   | (20120116) | 394562.87 |
| 3815388.60 |           | 15.20280   | (20120116) |            |           |
|            | 394585.62 | 3815386.08 | 15.47637   | (19102714) | 394608.38 |
| 3815383.55 |           | 16.51344   | (20010616) |            |           |
|            | 394631.13 | 3815381.03 | 17.99237   | (17120721) | 394653.89 |
| 3815378.51 |           | 19.26081   | (16043014) |            |           |
|            | 394676.65 | 3815375.98 | 19.25314   | (19091218) | 393681.97 |
| 3816048.90 |           | 8.28384    | (19083007) |            |           |
|            | 393681.18 | 3816072.38 | 8.25295    | (19083007) | 393680.40 |
| 3816095.85 |           | 8.10183    | (19083007) |            |           |
|            | 393679.61 | 3816119.32 | 7.83366    | (19083007) | 393678.83 |
| 3816142.79 |           | 7.45689    | (19083007) |            |           |
|            | 393678.04 | 3816166.27 | 7.46108    | (19120409) | 393677.25 |
| 3816189.74 |           | 7.73787    | (19120409) |            |           |
|            | 393676.47 | 3816213.21 | 7.76780    | (19120409) | 393675.68 |
| 3816236.68 |           | 7.54262    | (19120409) |            |           |
|            | 393674.90 | 3816260.16 | 7.35400    | (18120710) | 393674.11 |
| 3816283.63 |           | 7.39129    | (18120710) |            |           |
|            | 393673.33 | 3816307.10 | 7.65556    | (17011716) | 393672.54 |
| 3816330.57 |           | 7.66972    | (17101417) |            |           |
|            | 393593.18 | 3816025.57 | 7.96098    | (19083007) | 393604.34 |
| 3816005.58 |           | 7.93801    | (19083007) |            |           |
|            | 393615.50 | 3815985.58 | 7.81551    | (19083007) | 393626.66 |
| 3815965.59 |           | 7.59722    | (19083007) |            |           |
|            | 393637.82 | 3815945.60 | 7.29016    | (19083007) | 393648.98 |
| 3815925.61 |           | 7.18264    | (19101115) |            |           |
|            | 393660.14 | 3815905.62 | 7.29929    | (16120218) | 393671.30 |
| 3815885.63 |           | 7.38494    | (19051017) |            |           |
|            | 393682.46 | 3815865.63 | 7.38369    | (19112523) | 393693.61 |
| 3815845.64 |           | 7.42089    | (18020716) |            |           |
|            | 393704.77 | 3815825.65 | 7.47878    | (16020517) | 393715.93 |
| 3815805.66 |           | 7.48064    | (20090819) |            |           |
|            | 393727.09 | 3815785.67 | 7.45583    | (19031108) | 393738.25 |
| 3815765.68 |           | 7.50280    | (17120915) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393749.41  | 3815745.69         | 7.60015 | (20121816) | 393760.57 |
| 3815725.69 | 7.51210 (18110809) |         |            |           |
| 393771.73  | 3815705.70         | 7.37853 | (20041707) | 393782.88 |
| 3815685.71 | 7.65433 (20041707) |         |            |           |
| 393794.04  | 3815665.72         | 7.83596 | (20041707) | 393805.20 |
| 3815645.73 | 7.91710 (20041707) |         |            |           |
| 393816.36  | 3815625.74         | 7.89495 | (20041707) | 393827.52 |
| 3815605.74 | 7.77126 (20041707) |         |            |           |
| 393838.68  | 3815585.75         | 7.55213 | (20041707) | 393849.84 |
| 3815565.76 | 7.24668 (20041707) |         |            |           |
| 393861.00  | 3815545.77         | 7.23410 | (17010716) | 393872.15 |
| 3815525.78 | 7.04341 (18041317) |         |            |           |
| 393883.31  | 3815505.79         | 7.04145 | (19123010) | 393894.47 |
| 3815485.79 | 7.18448 (16010216) |         |            |           |
| 393905.63  | 3815465.80         | 7.21902 | (16010216) | 393916.79 |
| 3815445.81 | 7.06687 (16010216) |         |            |           |
| 393927.95  | 3815425.82         | 7.16120 | (18120709) | 393939.11 |
| 3815405.83 | 7.45475 (18120709) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 704

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393950.27   | 3815385.84         | 7.57287    | (18120709) | 393984.18   |
| 3815363.32  | 7.32714 (18120709) |            |            |             |
| 394006.94   | 3815360.80         | 7.38923    | (16041707) | 394029.69   |
| 3815358.28  | 7.79437 (16041707) |            |            |             |
| 394052.45   | 3815355.75         | 8.15202    | (16041707) | 394075.20   |
| 3815353.23  | 8.44999 (16041707) |            |            |             |
| 394097.96   | 3815350.71         | 8.67735    | (16041707) | 394120.71   |
| 3815348.18  | 8.82414 (16041707) |            |            |             |
| 394188.98   | 3815340.61         | 9.03421    | (17012617) | 394211.74   |
| 3815338.09  | 9.16556 (17010616) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3815333.04 | 394234.49 | 3815335.57 | 9.63657    | (20011816) | 394257.25 |
|            |           | 10.08980   | (18041318) |            |           |
|            | 394280.00 | 3815330.52 | 10.14019   | (18041318) | 394302.76 |
| 3815328.00 |           | 10.52245   | (19011218) |            |           |
|            | 394325.51 | 3815325.47 | 11.22653   | (17012916) | 394348.27 |
| 3815322.95 |           | 11.64394   | (20011817) |            |           |
|            | 394371.03 | 3815320.43 | 11.88824   | (18010216) | 394393.78 |
| 3815317.90 |           | 12.40468   | (16121910) |            |           |
|            | 394416.54 | 3815315.38 | 12.83263   | (19102516) | 394439.29 |
| 3815312.86 |           | 13.34611   | (19010217) |            |           |
|            | 394462.05 | 3815310.33 | 13.84897   | (19091217) | 394484.80 |
| 3815307.81 |           | 14.10586   | (19123009) |            |           |
|            | 394507.56 | 3815305.29 | 14.72600   | (19123009) | 394530.31 |
| 3815302.76 |           | 14.87902   | (20120116) |            |           |
|            | 394553.07 | 3815300.24 | 14.69511   | (18120624) | 394575.83 |
| 3815297.72 |           | 15.36095   | (20010616) |            |           |
|            | 394598.58 | 3815295.19 | 15.27136   | (17120721) | 394621.34 |
| 3815292.67 |           | 15.67537   | (17010617) |            |           |
|            | 394644.09 | 3815290.15 | 16.68153   | (16043014) | 394666.85 |
| 3815287.62 |           | 17.96966   | (19091218) |            |           |
|            | 394689.60 | 3815285.10 | 18.42226   | (18011216) | 394712.36 |
| 3815282.58 |           | 19.38193   | (16020319) |            |           |
|            | 393582.03 | 3816045.56 | 7.88563    | (19083007) | 393581.24 |
| 3816069.03 |           | 7.75112    | (19083007) |            |           |
|            | 393580.45 | 3816092.50 | 7.51949    | (19083007) | 393579.67 |
| 3816115.98 |           | 7.19686    | (19083007) |            |           |
|            | 393578.88 | 3816139.45 | 7.74467    | (19120409) | 393578.10 |
| 3816162.92 |           | 8.09880    | (19120409) |            |           |
|            | 393577.31 | 3816186.39 | 8.23898    | (19120409) | 393576.53 |
| 3816209.87 |           | 8.13609    | (19120409) |            |           |
|            | 393575.74 | 3816233.34 | 7.79343    | (19120409) | 393574.95 |
| 3816256.81 |           | 7.24058    | (19120409) |            |           |
|            | 393574.17 | 3816280.28 | 7.11008    | (17011716) | 393573.38 |
| 3816303.76 |           | 7.28259    | (17011716) |            |           |
|            | 393572.60 | 3816327.23 | 7.24260    | (20012919) | 393343.58 |
| 3816016.74 |           | 6.76587    | (19083007) |            |           |
|            | 393355.00 | 3815996.28 | 6.94164    | (19083007) | 393366.42 |
| 3815975.82 |           | 7.05477    | (19083007) |            |           |
|            | 393377.84 | 3815955.37 | 7.10086    | (19083007) | 393389.26 |
| 3815934.91 |           | 7.07763    | (19083007) |            |           |
|            | 393400.68 | 3815914.45 | 6.98439    | (19083007) | 393412.09 |
| 3815894.00 |           | 6.82283    | (19083007) |            |           |
|            | 393423.51 | 3815873.54 | 6.59645    | (19083007) | 393434.93 |
| 3815853.09 |           | 6.38399    | (17043007) |            |           |
|            | 393446.35 | 3815832.63 | 6.18852    | (17043007) | 393457.77 |
| 3815812.17 |           | 6.29064    | (19051017) |            |           |
|            | 393469.19 | 3815791.72 | 6.42090    | (19051017) | 393480.60 |
| 3815771.26 |           | 6.37377    | (19051017) |            |           |
|            | 393492.02 | 3815750.80 | 6.45454    | (19031108) | 393503.44 |
| 3815730.35 |           | 6.61150    | (19031108) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393514.86  | 3815709.89 | 6.70107    | (19031108) | 393526.28 |
| 3815689.43 | 6.71978    | (19031108) |            |           |
| 393537.70  | 3815668.98 | 6.66671    | (19031108) | 393549.11 |
| 3815648.52 | 6.64637    | (16120116) |            |           |
| 393560.53  | 3815628.06 | 6.72130    | (16120116) | 393571.95 |
| 3815607.61 | 6.63765    | (16120116) |            |           |
| 393583.37  | 3815587.15 | 6.50954    | (20041707) | 393594.79 |
| 3815566.69 | 6.74031    | (20041707) |            |           |
| 393606.21  | 3815546.24 | 6.90529    | (20041707) | 393617.62 |
| 3815525.78 | 7.00001    | (20041707) |            |           |
| 393629.04  | 3815505.33 | 7.02233    | (20041707) | 393640.46 |
| 3815484.87 | 6.97214    | (20041707) |            |           |
| 393651.88  | 3815464.41 | 6.85165    | (20041707) | 393663.30 |
| 3815443.96 | 6.66527    | (20041707) |            |           |
| 393674.72  | 3815423.50 | 6.48201    | (17010716) | 393686.13 |
| 3815403.04 | 6.48648    | (17010716) |            |           |
| 393697.55  | 3815382.59 | 6.37522    | (18030418) | 393708.97 |
| 3815362.13 | 6.38590    | (20021717) |            |           |
| 393720.39  | 3815341.67 | 6.49300    | (19011515) | 393731.81 |
| 3815321.22 | 6.62189    | (19011515) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 705

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393743.23   | 3815300.76  | 6.61749    | (19011515) | 393754.64   |
| 3815280.30  | 6.77206     | (19102116) |            |             |
| 393766.06   | 3815259.85  | 7.46669    | (17121701) | 393777.48   |
| 3815239.39  | 8.24636     | (20120316) |            |             |
| 393788.90   | 3815218.93  | 9.15337    | (16012609) | 393800.32   |
| 3815198.48  | 10.05781    | (18030618) |            |             |
| 393811.74   | 3815178.02  | 10.40791   | (16122610) | 393846.44   |
| 3815154.98  | 10.86740    | (16020418) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393869.72  | 3815152.40           | 11.70866  | (16022217) | 393893.01 |
| 3815149.82 | 14.95009 (20112721)  |           |            |           |
| 393916.29  | 3815147.24           | 20.01922  | (20122321) | 393939.58 |
| 3815144.66 | 28.35910 (18121420)  |           |            |           |
| 393962.86  | 3815142.07           | 34.43720  | (18120321) | 394056.00 |
| 3815131.75 | 43.88133 (17051823)  |           |            |           |
| 394079.29  | 3815129.16           | 42.40560  | (16011703) | 394102.57 |
| 3815126.58 | 59.37170 (16011703)  |           |            |           |
| 394125.86  | 3815124.00           | 68.53582  | (18010821) | 394149.14 |
| 3815121.42 | 61.54024 (18010821)  |           |            |           |
| 394172.42  | 3815118.84           | 43.51659  | (16112024) | 394195.71 |
| 3815116.25 | 30.20953 (16112024)  |           |            |           |
| 394218.99  | 3815113.67           | 23.38350  | (17020206) | 394242.28 |
| 3815111.09 | 19.07500 (20060805)  |           |            |           |
| 394265.56  | 3815108.51           | 16.20522  | (20120303) | 394288.85 |
| 3815105.93 | 15.43581 (16122319)  |           |            |           |
| 394312.13  | 3815103.34           | 16.06630  | (18012118) | 394335.42 |
| 3815100.76 | 17.29932 (18012118)  |           |            |           |
| 394358.70  | 3815098.18           | 19.34515  | (16012606) | 394381.99 |
| 3815095.60 | 22.04543 (16012606)  |           |            |           |
| 394405.27  | 3815093.02           | 23.43980  | (20020308) | 394428.56 |
| 3815090.43 | 25.03148 (20120305)  |           |            |           |
| 394451.84  | 3815087.85           | 24.30189  | (20041005) | 394475.13 |
| 3815085.27 | 25.42972 (16121901)  |           |            |           |
| 394498.41  | 3815082.69           | 27.12293  | (19123101) | 394521.70 |
| 3815080.11 | 29.74586 (19011519)  |           |            |           |
| 394544.98  | 3815077.52           | 34.61441  | (19011618) | 394568.27 |
| 3815074.94 | 38.76008 (20112802)  |           |            |           |
| 394591.55  | 3815072.36           | 49.59878  | (18022507) | 394614.83 |
| 3815069.78 | 83.50787 (16122018)  |           |            |           |
| 394638.12  | 3815067.20           | 123.55206 | (16122018) | 394661.40 |
| 3815064.62 | 158.07103 (18091502) |           |            |           |
| 394684.69  | 3815062.03           | 192.46405 | (19112107) | 394707.97 |
| 3815059.45 | 191.44213 (17010306) |           |            |           |
| 394731.26  | 3815056.87           | 159.48242 | (17010306) | 394754.54 |
| 3815054.29 | 110.04232 (18111617) |           |            |           |
| 394777.83  | 3815051.71           | 64.09173  | (16012117) | 394801.11 |
| 3815049.12 | 50.07361 (20082903)  |           |            |           |
| 393332.17  | 3816037.19           | 7.09148   | (19120409) | 393331.38 |
| 3816060.67 | 7.75338 (19120409)   |           |            |           |
| 393330.59  | 3816084.14           | 8.29894   | (19120409) | 393329.81 |
| 3816107.61 | 8.69510 (19120409)   |           |            |           |
| 393329.02  | 3816131.08           | 8.91621   | (19120409) | 393328.24 |
| 3816154.56 | 8.94109 (19120409)   |           |            |           |
| 393327.45  | 3816178.03           | 8.76909   | (19120409) | 393326.67 |
| 3816201.50 | 8.40828 (19120409)   |           |            |           |
| 393325.88  | 3816224.97           | 7.87884   | (19120409) | 393325.09 |
| 3816248.45 | 7.20653 (19120409)   |           |            |           |
| 393324.31  | 3816271.92           | 6.65480   | (20020401) | 393323.52 |
| 3816295.39 | 6.71776 (20020401)   |           |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393322.74  | 3816318.86         | 6.83258 | (18031117) | 393093.68 |
| 3816008.46 | 7.82806 (19120409) |         |            |           |
| 393105.04  | 3815988.09         | 7.28204 | (19120409) | 393116.41 |
| 3815967.72 | 6.66018 (19120409) |         |            |           |
| 393127.78  | 3815947.35         | 6.10896 | (19083007) | 393139.15 |
| 3815926.98 | 6.22916 (19083007) |         |            |           |
| 393150.52  | 3815906.62         | 6.30460 | (19083007) | 393161.89 |
| 3815886.25 | 6.33294 (19083007) |         |            |           |
| 393173.26  | 3815865.88         | 6.31283 | (19083007) | 393184.63 |
| 3815845.51 | 6.24402 (19083007) |         |            |           |
| 393196.00  | 3815825.14         | 6.12741 | (19083007) | 393207.37 |
| 3815804.77 | 5.96501 (19083007) |         |            |           |
| 393218.74  | 3815784.40         | 5.78998 | (17043007) | 393230.11 |
| 3815764.03 | 5.66455 (17043007) |         |            |           |
| 393241.48  | 3815743.67         | 5.49688 | (17043007) | 393252.85 |
| 3815723.30 | 5.43797 (19051017) |         |            |           |
| 393264.22  | 3815702.93         | 5.50738 | (19051017) | 393275.58 |
| 3815682.56 | 5.51922 (19031108) |         |            |           |
| 393286.95  | 3815662.19         | 5.70767 | (19031108) | 393298.32 |
| 3815641.82 | 5.85392 (19031108) |         |            |           |
| 393309.69  | 3815621.45         | 5.95438 | (19031108) | 393321.06 |
| 3815601.08 | 6.00655 (19031108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 706

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393332.43   | 3815580.72         | 6.00911    | (19031108) | 393343.80   |
| 3815560.35  | 6.00610 (16022317) |            |            |             |
| 393355.17   | 3815539.98         | 5.97055    | (18120418) | 393366.54   |
| 3815519.61  | 6.02277 (16120116) |            |            |             |
| 393377.91   | 3815499.24         | 6.01439    | (16120116) | 393389.28   |
| 3815478.87  | 6.01950 (19011220) |            |            |             |

|            |           |                      |           |            |           |
|------------|-----------|----------------------|-----------|------------|-----------|
| 3815438.13 | 393400.65 | 3815458.50           | 6.06125   | (19013117) | 393412.02 |
|            |           | 6.03673 (20041707)   |           |            |           |
|            | 393423.39 | 3815417.77           | 6.15845   | (20041707) | 393434.76 |
| 3815397.40 |           | 6.23118 (20041707)   |           |            |           |
|            | 393446.13 | 3815377.03           | 6.25355   | (20041707) | 393457.49 |
| 3815356.66 |           | 6.22540 (20041707)   |           |            |           |
|            | 393468.86 | 3815336.29           | 6.14787   | (20041707) | 393480.23 |
| 3815315.92 |           | 6.02317 (20041707)   |           |            |           |
|            | 393491.60 | 3815295.55           | 5.85923   | (17092617) | 393502.97 |
| 3815275.18 |           | 5.84446 (19102317)   |           |            |           |
|            | 393514.34 | 3815254.82           | 5.83996   | (19102317) | 393525.71 |
| 3815234.45 |           | 5.86139 (18112616)   |           |            |           |
|            | 393537.08 | 3815214.08           | 5.90260   | (20021717) | 393548.45 |
| 3815193.71 |           | 6.05205 (20021106)   |           |            |           |
|            | 393559.82 | 3815173.34           | 6.19153   | (20021106) | 393571.19 |
| 3815152.97 |           | 6.19959 (17092417)   |           |            |           |
|            | 393582.56 | 3815132.60           | 6.21595   | (19101517) | 393593.93 |
| 3815112.23 |           | 6.28292 (19101517)   |           |            |           |
|            | 393605.30 | 3815091.87           | 6.53708   | (18120709) | 393616.67 |
| 3815071.50 |           | 6.77069 (18120709)   |           |            |           |
|            | 393628.03 | 3815051.13           | 6.90295   | (18120709) | 393639.40 |
| 3815030.76 |           | 6.93883 (18120709)   |           |            |           |
|            | 393650.77 | 3815010.39           | 6.87435   | (18120709) | 393662.14 |
| 3814990.02 |           | 6.72077 (16122610)   |           |            |           |
|            | 393673.51 | 3814969.65           | 6.94798   | (17111817) | 393708.07 |
| 3814946.71 |           | 7.34505 (16020418)   |           |            |           |
|            | 393731.25 | 3814944.14           | 7.56120   | (18021617) | 393754.44 |
| 3814941.57 |           | 7.68108 (18021617)   |           |            |           |
|            | 393777.62 | 3814939.00           | 7.75106   | (19051015) | 393800.81 |
| 3814936.43 |           | 8.12420 (20022018)   |           |            |           |
|            | 393823.99 | 3814933.86           | 8.29982   | (20022018) | 393893.55 |
| 3814926.15 |           | 9.33273 (17120816)   |           |            |           |
|            | 393916.73 | 3814923.58           | 9.91090   | (19100617) | 393939.92 |
| 3814921.00 |           | 10.14981 (16032618)  |           |            |           |
|            | 393963.10 | 3814918.43           | 10.34322  | (18100717) | 393986.29 |
| 3814915.86 |           | 10.78459 (18100717)  |           |            |           |
|            | 394009.47 | 3814913.29           | 12.24979  | (16012603) | 394032.66 |
| 3814910.72 |           | 15.70017 (19122301)  |           |            |           |
|            | 394055.84 | 3814908.15           | 21.14047  | (19122301) | 394079.02 |
| 3814905.58 |           | 31.31655 (16112024)  |           |            |           |
|            | 394102.21 | 3814903.01           | 39.73542  | (16112024) | 394125.39 |
| 3814900.44 |           | 50.10826 (16113018)  |           |            |           |
|            | 394148.58 | 3814897.87           | 68.37806  | (16113018) | 394171.76 |
| 3814895.30 |           | 78.17541 (18120918)  |           |            |           |
|            | 394194.95 | 3814892.73           | 99.06914  | (17030403) | 394218.13 |
| 3814890.15 |           | 124.93761 (19010508) |           |            |           |
|            | 394241.32 | 3814887.58           | 205.61417 | (19010508) | 394264.50 |
| 3814885.01 |           | 287.91095 (17123103) |           |            |           |
|            | 394287.69 | 3814882.44           | 263.65111 | (17123103) | 394310.87 |
| 3814879.87 |           | 268.90594 (17102717) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394334.06  | 3814877.30 | 270.30428  | (17102717) | 394357.24 |
| 3814874.73 | 268.53323  | (19020706) |            |           |
| 394380.43  | 3814872.16 | 295.57859  | (19020706) | 394403.61 |
| 3814869.59 | 271.17608  | (19020706) |            |           |
| 394426.80  | 3814867.02 | 294.20875  | (17021124) | 394449.98 |
| 3814864.45 | 293.76180  | (17021124) |            |           |
| 394473.17  | 3814861.87 | 267.81464  | (20031204) | 394496.35 |
| 3814859.30 | 265.65655  | (16102920) |            |           |
| 394519.54  | 3814856.73 | 300.00442  | (16102920) | 394542.72 |
| 3814854.16 | 297.63314  | (16040119) |            |           |
| 394565.91  | 3814851.59 | 288.43248  | (16040119) | 394589.09 |
| 3814849.02 | 271.35066  | (16010219) |            |           |
| 394612.28  | 3814846.45 | 284.01500  | (16010219) | 394635.46 |
| 3814843.88 | 270.46225  | (17012519) |            |           |
| 394658.65  | 3814841.31 | 305.40516  | (17012519) | 394681.83 |
| 3814838.74 | 283.25581  | (17012519) |            |           |
| 394705.02  | 3814836.17 | 296.75109  | (17121817) | 394728.20 |
| 3814833.60 | 296.58848  | (17121817) |            |           |
| 394751.39  | 3814831.02 | 243.38410  | (17121817) | 394774.57 |
| 3814828.45 | 273.80902  | (17122407) |            |           |
| 394797.76  | 3814825.88 | 306.21860  | (17122407) | 394820.94 |
| 3814823.31 | 281.51832  | (17122407) |            |           |
| 394844.13  | 3814820.74 | 269.28076  | (18061202) | 394867.31 |
| 3814818.17 | 256.62231  | (20113008) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 707

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394890.50   | 3814815.60  | 268.01561  | (20113008) | 393082.31   |
| 3816028.83  | 8.27499     | (19120409) |            |             |
| 393081.52   | 3816052.30  | 8.63480    | (19120409) | 393080.73   |
| 3816075.77  | 8.86359     | (19120409) |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393079.95  | 3816099.25         | 8.95272 | (19120409) | 393079.16 |
| 3816122.72 | 8.88526 (19120409) |         |            |           |
| 393078.38  | 3816146.19         | 8.66855 | (19120409) | 393077.59 |
| 3816169.66 | 8.31387 (19120409) |         |            |           |
| 393076.81  | 3816193.14         | 7.83669 | (19120409) | 393076.02 |
| 3816216.61 | 7.25972 (19120409) |         |            |           |
| 393075.23  | 3816240.08         | 6.60732 | (19120409) | 393074.45 |
| 3816263.55 | 5.92340 (20030208) |         |            |           |
| 393073.66  | 3816287.03         | 5.94480 | (18021024) | 393072.88 |
| 3816310.50 | 6.06909 (18031117) |         |            |           |
| 392843.78  | 3816000.15         | 8.27363 | (19120409) | 392855.12 |
| 3815979.85 | 7.97631 (19120409) |         |            |           |
| 392866.45  | 3815959.54         | 7.59164 | (19120409) | 392877.79 |
| 3815939.23 | 7.13178 (19120409) |         |            |           |
| 392889.13  | 3815918.92         | 6.61154 | (19120409) | 392900.46 |
| 3815898.61 | 6.04833 (19120409) |         |            |           |
| 392911.80  | 3815878.30         | 5.54967 | (19083007) | 392923.13 |
| 3815857.99 | 5.63481 (19083007) |         |            |           |
| 392934.47  | 3815837.68         | 5.68695 | (19083007) | 392945.81 |
| 3815817.37 | 5.70466 (19083007) |         |            |           |
| 392957.14  | 3815797.07         | 5.68718 | (19083007) | 392968.48 |
| 3815776.76 | 5.63440 (19083007) |         |            |           |
| 392979.81  | 3815756.45         | 5.54681 | (19083007) | 392991.15 |
| 3815736.14 | 5.42564 (19083007) |         |            |           |
| 393002.48  | 3815715.83         | 5.27271 | (19083007) | 393013.82 |
| 3815695.52 | 5.17859 (17043007) |         |            |           |
| 393025.16  | 3815675.21         | 5.06405 | (17043007) | 393036.49 |
| 3815654.90 | 4.91943 (17043007) |         |            |           |
| 393047.83  | 3815634.59         | 4.83473 | (20120217) | 393059.16 |
| 3815614.29 | 4.81442 (20060819) |         |            |           |
| 393070.50  | 3815593.98         | 4.92911 | (19031108) | 393081.84 |
| 3815573.67 | 5.09100 (19031108) |         |            |           |
| 393093.17  | 3815553.36         | 5.22331 | (19031108) | 393104.51 |
| 3815533.05 | 5.32350 (19031108) |         |            |           |
| 393115.84  | 3815512.74         | 5.38950 | (19031108) | 393127.18 |
| 3815492.43 | 5.42002 (19031108) |         |            |           |
| 393138.52  | 3815472.12         | 5.41437 | (19031108) | 393149.85 |
| 3815451.81 | 5.37261 (19031108) |         |            |           |
| 393161.19  | 3815431.51         | 5.37005 | (16100618) | 393172.52 |
| 3815411.20 | 5.34151 (20021018) |         |            |           |
| 393183.86  | 3815390.89         | 5.38558 | (20021018) | 393195.20 |
| 3815370.58 | 5.33551 (19011220) |         |            |           |
| 393206.53  | 3815350.27         | 5.40747 | (18011317) | 393217.87 |
| 3815329.96 | 5.43236 (18011317) |         |            |           |
| 393229.20  | 3815309.65         | 5.45858 | (20041707) | 393240.54 |
| 3815289.34 | 5.55225 (20041707) |         |            |           |
| 393251.88  | 3815269.03         | 5.61025 | (20041707) | 393263.21 |
| 3815248.73 | 5.63170 (20041707) |         |            |           |
| 393274.55  | 3815228.42         | 5.61649 | (20041707) | 393285.88 |
| 3815208.11 | 5.56515 (20041707) |         |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 393297.22                                                                | 3815187.80 | 5.47896    | (20041707) | 393308.56 |
| 3815167.49                                                               | 5.35977    | (20041707) |            |           |
| 393319.89                                                                | 3815147.18 | 5.37828    | (17092617) | 393331.23 |
| 3815126.87                                                               | 5.42788    | (20090823) |            |           |
| 393342.56                                                                | 3815106.56 | 5.43470    | (20090823) | 393353.90 |
| 3815086.25                                                               | 5.50127    | (20120817) |            |           |
| 393365.23                                                                | 3815065.95 | 5.51261    | (19121704) | 393376.57 |
| 3815045.64                                                               | 5.52835    | (19121704) |            |           |
| 393387.91                                                                | 3815025.33 | 5.53609    | (20021106) | 393399.24 |
| 3815005.02                                                               | 5.54860    | (17092417) |            |           |
| 393410.58                                                                | 3814984.71 | 5.59783    | (17092417) | 393421.91 |
| 3814964.40                                                               | 5.62374    | (19101517) |            |           |
| 393433.25                                                                | 3814944.09 | 5.85201    | (18120709) | 393444.59 |
| 3814923.78                                                               | 6.11472    | (18120709) |            |           |
| 393455.92                                                                | 3814903.47 | 6.30316    | (18120709) | 393467.26 |
| 3814883.17                                                               | 6.41305    | (18120709) |            |           |
| 393478.59                                                                | 3814862.86 | 6.44648    | (18120709) | 393489.93 |
| 3814842.55                                                               | 6.40659    | (18120709) |            |           |
| 393501.27                                                                | 3814822.24 | 6.30189    | (18120709) | 393512.60 |
| 3814801.93                                                               | 6.13430    | (18120709) |            |           |
| 393523.94                                                                | 3814781.62 | 6.01930    | (17111817) | 393535.27 |
| 3814761.31                                                               | 6.09999    | (16022217) |            |           |
| 393569.73                                                                | 3814738.44 | 6.12506    | (18021617) | 393592.84 |
| 3814735.88                                                               | 6.27815    | (18021617) |            |           |
| 393615.96                                                                | 3814733.31 | 6.41400    | (17012417) | 393639.08 |
| 3814730.75                                                               | 6.88859    | (20022018) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                    | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                          | ***        | 17:54:19   |            |           |

PAGE 708

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393662.19   | 3814728.19  | 7.64662    | (17121116) | 393685.31   |
| 3814725.62  | 8.70330     | (17121116) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393800.89  | 3814712.81 | 11.03469   | (18112724) | 393824.01 |
| 3814710.24 | 9.56335    | (18112724) |            |           |
| 393847.13  | 3814707.68 | 10.33170   | (19020817) | 393870.24 |
| 3814705.12 | 12.09483   | (16012022) |            |           |
| 393893.36  | 3814702.55 | 15.75337   | (19122223) | 393916.48 |
| 3814699.99 | 16.96128   | (19122301) |            |           |
| 393939.59  | 3814697.43 | 16.83936   | (19122301) | 393962.71 |
| 3814694.86 | 16.67163   | (17022103) |            |           |
| 393985.83  | 3814692.30 | 16.66813   | (17020206) | 394008.94 |
| 3814689.74 | 18.54224   | (17020206) |            |           |
| 394032.06  | 3814687.17 | 27.85528   | (16113018) | 394055.18 |
| 3814684.61 | 45.89134   | (16113018) |            |           |
| 394078.29  | 3814682.05 | 59.36594   | (18120918) | 394101.41 |
| 3814679.48 | 68.38495   | (17030403) |            |           |
| 394124.53  | 3814676.92 | 60.29463   | (17030403) | 394147.65 |
| 3814674.36 | 56.88811   | (19012318) |            |           |
| 394170.76  | 3814671.79 | 62.42192   | (19112306) | 394193.88 |
| 3814669.23 | 62.33764   | (19112306) |            |           |
| 394217.00  | 3814666.67 | 84.49039   | (17123017) | 394240.11 |
| 3814664.10 | 121.86107  | (18032119) |            |           |
| 394263.23  | 3814661.54 | 164.41071  | (17102717) | 394286.35 |
| 3814658.98 | 231.34247  | (19020706) |            |           |
| 394309.46  | 3814656.41 | 256.25323  | (19020706) | 394332.58 |
| 3814653.85 | 240.81855  | (19020706) |            |           |
| 394355.70  | 3814651.29 | 247.22716  | (17021124) | 394378.81 |
| 3814648.72 | 261.51647  | (17021124) |            |           |
| 394401.93  | 3814646.16 | 238.77687  | (17021124) | 394425.05 |
| 3814643.60 | 224.72318  | (20031204) |            |           |
| 394448.16  | 3814641.03 | 211.82263  | (16102920) | 394471.28 |
| 3814638.47 | 207.52770  | (16102920) |            |           |
| 394494.40  | 3814635.91 | 221.96038  | (16040119) | 394517.51 |
| 3814633.34 | 198.04344  | (16040119) |            |           |
| 394540.63  | 3814630.78 | 190.67732  | (16010219) | 394563.75 |
| 3814628.22 | 226.25001  | (16010219) |            |           |
| 394586.86  | 3814625.65 | 235.05125  | (16010219) | 394609.98 |
| 3814623.09 | 250.55292  | (17012519) |            |           |
| 394633.10  | 3814620.53 | 265.94342  | (17012519) | 394656.21 |
| 3814617.96 | 241.77060  | (17012519) |            |           |
| 394679.33  | 3814615.40 | 257.52180  | (17121817) | 394702.45 |
| 3814612.84 | 261.74165  | (17121817) |            |           |
| 394725.56  | 3814610.27 | 227.81705  | (17121817) | 394748.68 |
| 3814607.71 | 215.15709  | (16012117) |            |           |
| 394771.80  | 3814605.15 | 256.98381  | (17122407) | 394794.91 |
| 3814602.58 | 264.56286  | (17122407) |            |           |
| 394818.03  | 3814600.02 | 233.50201  | (17122407) | 394841.15 |
| 3814597.46 | 258.38011  | (18061202) |            |           |
| 394864.26  | 3814594.89 | 255.38566  | (18061202) | 394887.38 |
| 3814592.33 | 242.70048  | (20113008) |            |           |
| 394910.50  | 3814589.77 | 219.22674  | (16010220) | 394933.61 |
| 3814587.21 | 257.00546  | (16010220) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394956.73  | 3814584.64 | 259.37178  | (16010220) | 394979.85 |
| 3814582.08 | 230.15546  | (16120407) |            |           |
| 392832.45  | 3816020.46 | 8.47709    | (19120409) | 392831.66 |
| 3816043.94 | 8.60457    | (19120409) |            |           |
| 392830.87  | 3816067.41 | 8.61819    | (19120409) | 392830.09 |
| 3816090.88 | 8.51692    | (19120409) |            |           |
| 392829.30  | 3816114.35 | 8.30336    | (19120409) | 392828.52 |
| 3816137.83 | 7.98485    | (19120409) |            |           |
| 392827.73  | 3816161.30 | 7.57364    | (19120409) | 392826.95 |
| 3816184.77 | 7.08616    | (19120409) |            |           |
| 392826.16  | 3816208.24 | 6.53678    | (19120409) | 392825.37 |
| 3816231.72 | 6.31809    | (17012719) |            |           |
| 392824.59  | 3816255.19 | 6.35356    | (17012719) | 392823.80 |
| 3816278.66 | 6.45171    | (19102319) |            |           |
| 392823.02  | 3816302.13 | 6.55847    | (17120501) | 392593.90 |
| 3815991.83 | 8.08724    | (19120409) |            |           |
| 392605.21  | 3815971.57 | 7.98194    | (19120409) | 392616.52 |
| 3815951.30 | 7.79941    | (19120409) |            |           |
| 392627.83  | 3815931.04 | 7.54352    | (19120409) | 392639.14 |
| 3815910.77 | 7.22040    | (19120409) |            |           |
| 392650.46  | 3815890.51 | 6.83863    | (19120409) | 392661.77 |
| 3815870.24 | 6.40676    | (19120409) |            |           |
| 392673.08  | 3815849.98 | 5.93712    | (19120409) | 392684.39 |
| 3815829.71 | 5.44112    | (19120409) |            |           |
| 392695.70  | 3815809.44 | 5.08177    | (19083007) | 392707.01 |
| 3815789.18 | 5.14402    | (19083007) |            |           |
| 392718.33  | 3815768.91 | 5.18117    | (19083007) | 392729.64 |
| 3815748.65 | 5.19233    | (19083007) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 709

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

|             |             |            |            |             |
|-------------|-------------|------------|------------|-------------|
| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392740.95  | 3815728.38         | 5.17702 | (19083007) | 392752.26 |
| 3815708.12 | 5.13522 (19083007) |         |            |           |
| 392763.57  | 3815687.85         | 5.06721 | (19083007) | 392774.88 |
| 3815667.59 | 4.97381 (19083007) |         |            |           |
| 392786.20  | 3815647.32         | 4.85607 | (19083007) | 392797.51 |
| 3815627.06 | 4.75796 (17043007) |         |            |           |
| 392808.82  | 3815606.79         | 4.67795 | (17043007) | 392820.13 |
| 3815586.52 | 4.69562 (18012718) |         |            |           |
| 392831.44  | 3815566.26         | 4.62351 | (19031120) | 392842.75 |
| 3815545.99 | 4.59597 (19031120) |         |            |           |
| 392854.07  | 3815525.73         | 4.59105 | (16012520) | 392865.38 |
| 3815505.46 | 4.56367 (16012520) |         |            |           |
| 392876.69  | 3815485.20         | 4.60125 | (16012519) | 392888.00 |
| 3815464.93 | 4.70926 (19031108) |         |            |           |
| 392899.31  | 3815444.67         | 4.80463 | (19031108) | 392910.62 |
| 3815424.40 | 4.87507 (19031108) |         |            |           |
| 392921.94  | 3815404.14         | 4.91940 | (19031108) | 392933.25 |
| 3815383.87 | 4.93681 (19031108) |         |            |           |
| 392944.56  | 3815363.61         | 4.92702 | (19031108) | 392955.87 |
| 3815343.34 | 4.89015 (19031108) |         |            |           |
| 392967.18  | 3815323.07         | 4.82677 | (19031108) | 392978.49 |
| 3815302.81 | 4.78940 (16100618) |         |            |           |
| 392989.81  | 3815282.54         | 4.84324 | (20021018) | 393001.12 |
| 3815262.28 | 4.80887 (20021018) |         |            |           |
| 393012.43  | 3815242.01         | 4.82856 | (20032217) | 393023.74 |
| 3815221.75 | 4.96226 (20032217) |         |            |           |
| 393035.05  | 3815201.48         | 4.95400 | (20032217) | 393046.36 |
| 3815181.22 | 4.98389 (20041707) |         |            |           |
| 393057.68  | 3815160.95         | 5.05833 | (20041707) | 393068.99 |
| 3815140.69 | 5.10588 (20041707) |         |            |           |
| 393080.30  | 3815120.42         | 5.12601 | (20041707) | 393091.61 |
| 3815100.15 | 5.11856 (20041707) |         |            |           |
| 393102.92  | 3815079.89         | 5.08385 | (20041707) | 393114.23 |
| 3815059.62 | 5.02259 (20041707) |         |            |           |
| 393125.55  | 3815039.36         | 4.93595 | (20041707) | 393136.86 |
| 3815019.09 | 4.90687 (17092617) |         |            |           |
| 393148.17  | 3814998.83         | 4.91750 | (17092617) | 393159.48 |
| 3814978.56 | 4.98816 (20090823) |         |            |           |
| 393170.79  | 3814958.30         | 5.00328 | (19110717) | 393182.10 |
| 3814938.03 | 5.04257 (19110717) |         |            |           |
| 393193.42  | 3814917.77         | 5.00821 | (19121704) | 393204.73 |
| 3814897.50 | 5.01885 (19121704) |         |            |           |
| 393216.04  | 3814877.23         | 4.99049 | (20021106) | 393227.35 |
| 3814856.97 | 5.12154 (18102117) |         |            |           |
| 393238.66  | 3814836.70         | 5.30714 | (18102117) | 393249.97 |
| 3814816.44 | 5.51307 (18102117) |         |            |           |
| 393261.29  | 3814796.17         | 5.86323 | (20022017) | 393272.60 |
| 3814775.91 | 6.14112 (20022017) |         |            |           |
| 393283.91  | 3814755.64         | 6.20985 | (16122609) | 393295.22 |
| 3814735.38 | 6.23982 (16122609) |         |            |           |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 393306.53  | 3814715.11          | 6.18299 | (16122609) | 393317.84 |
| 3814694.85 | 6.08910 (18120709)  |         |            |           |
| 393329.16  | 3814674.58          | 6.06094 | (18120709) | 393340.47 |
| 3814654.32 | 5.96375 (18120709)  |         |            |           |
| 393351.78  | 3814634.05          | 5.81945 | (18120709) | 393363.09 |
| 3814613.78 | 5.64568 (18120709)  |         |            |           |
| 393374.40  | 3814593.52          | 5.42784 | (18120709) | 393385.71 |
| 3814573.25 | 5.43666 (16032318)  |         |            |           |
| 393397.03  | 3814552.99          | 5.42874 | (16032318) | 393431.40 |
| 3814530.16 | 5.56713 (18021617)  |         |            |           |
| 393454.47  | 3814527.61          | 5.73503 | (17012417) | 393477.54 |
| 3814525.05 | 5.72752 (17012417)  |         |            |           |
| 393500.61  | 3814522.49          | 5.69618 | (20022018) | 393523.67 |
| 3814519.93 | 5.89442 (17121116)  |         |            |           |
| 393546.74  | 3814517.38          | 6.11909 | (17121116) | 393569.81 |
| 3814514.82 | 6.20675 (17121116)  |         |            |           |
| 393592.88  | 3814512.26          | 6.38624 | (17120816) | 393615.94 |
| 3814509.70 | 6.51826 (17120816)  |         |            |           |
| 393639.01  | 3814507.14          | 6.72149 | (19100617) | 393662.08 |
| 3814504.59 | 6.88482 (16032618)  |         |            |           |
| 393685.14  | 3814502.03          | 7.11456 | (16032618) | 393708.21 |
| 3814499.47 | 7.25048 (16120716)  |         |            |           |
| 393731.28  | 3814496.91          | 7.39277 | (16120716) | 393754.35 |
| 3814494.36 | 7.47558 (16120716)  |         |            |           |
| 393777.41  | 3814491.80          | 7.54101 | (16113016) | 393800.48 |
| 3814489.24 | 8.01775 (16113016)  |         |            |           |
| 393823.55  | 3814486.68          | 8.32120 | (16113016) | 393846.62 |
| 3814484.12 | 9.22485 (16020320)  |         |            |           |
| 393869.68  | 3814481.57          | 9.92448 | (17022103) | 393892.75 |
| 3814479.01 | 11.32975 (19020817) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 710

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| -----      |           |            |           |            |           |
|            | 393915.82 | 3814476.45 | 10.62007  | (17020206) | 393938.88 |
| 3814473.89 | 11.02663  | (20060805) |           |            |           |
|            | 393961.95 | 3814471.33 | 11.36060  | (20060805) | 393985.02 |
| 3814468.78 | 12.34518  | (16122319) |           |            |           |
|            | 394008.09 | 3814466.22 | 14.11067  | (16122319) | 394031.15 |
| 3814463.66 | 16.70882  | (16122604) |           |            |           |
|            | 394054.22 | 3814461.10 | 19.98035  | (16122604) | 394077.29 |
| 3814458.55 | 27.40007  | (19112306) |           |            |           |
|            | 394100.36 | 3814455.99 | 37.25843  | (19112306) | 394123.42 |
| 3814453.43 | 49.44330  | (17123017) |           |            |           |
|            | 394146.49 | 3814450.87 | 65.69794  | (18032119) | 394169.56 |
| 3814448.31 | 83.25330  | (18032119) |           |            |           |
|            | 394192.62 | 3814445.76 | 76.52692  | (18012422) | 394215.69 |
| 3814443.20 | 58.02531  | (18012422) |           |            |           |
|            | 394238.76 | 3814440.64 | 47.12669  | (19022703) | 394261.83 |
| 3814438.08 | 39.83343  | (19022703) |           |            |           |
|            | 394284.89 | 3814435.53 | 36.27001  | (19012920) | 394307.96 |
| 3814432.97 | 40.29445  | (18111922) |           |            |           |
|            | 394331.03 | 3814430.41 | 49.48168  | (19013023) | 394354.10 |
| 3814427.85 | 63.87031  | (19013023) |           |            |           |
|            | 394377.16 | 3814425.29 | 75.66092  | (19011618) | 394400.23 |
| 3814422.74 | 88.98525  | (19011618) |           |            |           |
|            | 394423.30 | 3814420.18 | 112.37723 | (16102920) | 394446.36 |
| 3814417.62 | 134.17728 | (16040119) |           |            |           |
|            | 394469.43 | 3814415.06 | 141.04768 | (16040119) | 394492.50 |
| 3814412.51 | 122.41566 | (19122319) |           |            |           |
|            | 394515.57 | 3814409.95 | 130.57832 | (16010219) | 394538.63 |
| 3814407.39 | 146.61053 | (16010219) |           |            |           |
|            | 394561.70 | 3814404.83 | 150.48078 | (18091502) | 394584.77 |
| 3814402.27 | 179.18657 | (17012519) |           |            |           |
|            | 394607.84 | 3814399.72 | 202.70742 | (17012519) | 394630.90 |
| 3814397.16 | 199.63909 | (17012519) |           |            |           |
|            | 394653.97 | 3814394.60 | 226.36771 | (17121817) | 394677.04 |
| 3814392.04 | 232.07566 | (17121817) |           |            |           |
|            | 394700.10 | 3814389.48 | 209.85468 | (17121817) | 394723.17 |
| 3814386.93 | 183.28559 | (16012117) |           |            |           |
|            | 394746.24 | 3814384.37 | 211.35616 | (17122407) | 394769.31 |
| 3814381.81 | 233.35701 | (17122407) |           |            |           |
|            | 394792.37 | 3814379.25 | 227.38863 | (17122407) | 394815.44 |
| 3814376.70 | 205.62951 | (18061202) |           |            |           |
|            | 394838.51 | 3814374.14 | 229.00357 | (18061202) | 394861.58 |
| 3814371.58 | 225.32405 | (18061202) |           |            |           |
|            | 394884.64 | 3814369.02 | 213.69826 | (20113008) | 394907.71 |
| 3814366.46 | 198.89706 | (20113008) |           |            |           |
|            | 394930.78 | 3814363.91 | 217.41566 | (16010220) | 394953.84 |
| 3814361.35 | 231.63397 | (16010220) |           |            |           |
|            | 394976.91 | 3814358.79 | 218.72811 | (16010220) | 394999.98 |
| 3814356.23 | 213.64236 | (16120407) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395023.05  | 3814353.68 | 231.16725  | (16120407) | 395046.11 |
| 3814351.12 | 222.22360  | (16120407) |            |           |
| 395069.18  | 3814348.56 | 190.02919  | (16120407) | 392582.59 |
| 3816012.10 | 8.11368    | (19120409) |            |           |
| 392581.80  | 3816035.57 | 8.08050    | (19120409) | 392581.01 |
| 3816059.04 | 7.95975    | (19120409) |            |           |
| 392580.23  | 3816082.52 | 7.75459    | (19120409) | 392579.44 |
| 3816105.99 | 7.47115    | (19120409) |            |           |
| 392578.66  | 3816129.46 | 7.11775    | (19120409) | 392577.87 |
| 3816152.93 | 6.70485    | (19120409) |            |           |
| 392577.09  | 3816176.41 | 6.25198    | (18102017) | 392576.30 |
| 3816199.88 | 6.37610    | (19013116) |            |           |
| 392575.51  | 3816223.35 | 6.54549    | (19013116) | 392574.73 |
| 3816246.82 | 6.54621    | (19013116) |            |           |
| 392573.94  | 3816270.30 | 6.60381    | (17120501) | 392573.16 |
| 3816293.77 | 6.85014    | (17120501) |            |           |
| 392094.27  | 3815974.94 | 15.06099   | (19012501) | 392105.67 |
| 3815954.52 | 12.85732   | (20040906) |            |           |
| 392117.07  | 3815934.09 | 11.63896   | (20040906) | 392128.47 |
| 3815913.66 | 10.22109   | (20040906) |            |           |
| 392139.87  | 3815893.24 | 9.13386    | (17021703) | 392151.27 |
| 3815872.81 | 8.03396    | (17021703) |            |           |
| 392162.68  | 3815852.39 | 6.89008    | (17021703) | 392174.08 |
| 3815831.96 | 6.59434    | (19120409) |            |           |
| 392185.48  | 3815811.53 | 6.35403    | (19120409) | 392196.88 |
| 3815791.11 | 6.07581    | (19120409) |            |           |
| 392208.28  | 3815770.68 | 5.76446    | (19120409) | 392219.68 |
| 3815750.25 | 5.45911    | (16012517) |            |           |
| 392231.08  | 3815729.83 | 5.48487    | (16012517) | 392242.49 |
| 3815709.40 | 5.42320    | (16012517) |            |           |
| 392253.89  | 3815688.98 | 5.36962    | (18021108) | 392265.29 |
| 3815668.55 | 5.29591    | (18021108) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 711

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*



| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|---------|------------|-------------|
| 3815627.70  | 392276.69   | 3815648.12  | 5.10522 | (18021108) | 392288.09   |
| 3815586.85  | 392299.49   | 3815607.27  | 4.83887 | (19092517) | 392310.89   |
| 3815545.99  | 392322.30   | 3815566.42  | 4.86205 | (20090918) | 392333.70   |
| 3815505.14  | 392345.10   | 3815525.57  | 4.65902 | (20090918) | 392356.50   |
| 3815464.29  | 392367.90   | 3815484.71  | 4.53016 | (19123116) | 392379.30   |
| 3815423.44  | 392390.70   | 3815443.86  | 4.36018 | (19123116) | 392402.10   |
| 3815382.58  | 392413.51   | 3815403.01  | 4.23942 | (19112219) | 392424.91   |
| 3815341.73  | 392436.31   | 3815362.16  | 4.16537 | (19112219) | 392447.71   |
| 3815300.88  | 392459.11   | 3815321.31  | 4.06077 | (18012718) | 392470.51   |
| 3815260.03  | 392481.91   | 3815280.45  | 4.10895 | (18111817) | 392493.32   |
| 3815219.17  | 392504.72   | 3815239.60  | 4.13239 | (17101517) | 392516.12   |
| 3815178.32  | 392527.52   | 3815198.75  | 4.17890 | (17101517) | 392538.92   |
| 3815137.47  | 392550.32   | 3815157.90  | 4.18320 | (19031108) | 392561.72   |
| 3815096.62  | 392573.13   | 3815117.04  | 4.22444 | (19012619) | 392584.53   |
| 3815055.76  | 392595.93   | 3815076.19  | 4.30098 | (20112708) | 392607.33   |
| 3815014.91  | 392618.73   | 3815035.34  | 4.36225 | (20112708) | 392630.13   |
| 3814974.06  | 392641.53   | 3814994.49  | 4.30727 | (20021018) | 392652.94   |
| 3814933.21  | 392664.34   | 3814953.63  | 4.34980 | (16122516) | 392675.74   |
| 3814892.36  | 392687.14   | 3814912.78  | 4.38200 | (20032217) | 392698.54   |
| 3814851.50  | 392709.94   | 3814871.93  | 4.37726 | (19102117) | 392721.34   |
| 3814810.65  | 392732.75   | 3814831.08  | 4.42104 | (19020717) | 392744.15   |
| 3814769.80  | 392755.55   | 3814790.22  | 4.69656 | (19020717) | 392766.95   |
| 3814728.95  | 392778.35   | 3814749.37  | 4.85580 | (18120716) | 392789.75   |
|             |             |             | 4.81069 | (18120716) |             |
|             |             |             | 4.72023 | (18101817) |             |
|             |             |             | 4.99691 | (16121716) |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392801.15  | 3814708.52 | 5.25610    | (16121716) | 392812.55 |
| 3814688.09 | 5.42756    | (16121716) |            |           |
| 392823.96  | 3814667.67 | 5.48434    | (16121716) | 392835.36 |
| 3814647.24 | 5.55473    | (18050318) |            |           |
| 392846.76  | 3814626.82 | 5.64992    | (18050318) | 392858.16 |
| 3814606.39 | 5.64631    | (18050318) |            |           |
| 392869.56  | 3814585.96 | 5.63788    | (19121704) | 392880.96 |
| 3814565.54 | 5.64737    | (19121704) |            |           |
| 392892.36  | 3814545.11 | 5.81800    | (18102117) | 392903.77 |
| 3814524.68 | 6.00676    | (18102117) |            |           |
| 392915.17  | 3814504.26 | 6.16882    | (20022017) | 392926.57 |
| 3814483.83 | 6.55395    | (17012518) |            |           |
| 392937.97  | 3814463.41 | 6.92653    | (17012518) | 392949.37 |
| 3814442.98 | 7.58129    | (17012518) |            |           |
| 392960.77  | 3814422.55 | 8.35587    | (17011307) | 392972.17 |
| 3814402.13 | 9.74687    | (17011307) |            |           |
| 392983.58  | 3814381.70 | 10.82105   | (17011307) | 392994.98 |
| 3814361.28 | 11.47609   | (17011307) |            |           |
| 393006.38  | 3814340.85 | 12.49904   | (20111518) | 393017.78 |
| 3814320.42 | 13.37094   | (20111518) |            |           |
| 393029.18  | 3814300.00 | 15.06099   | (19010521) | 393040.58 |
| 3814279.57 | 17.08334   | (19010521) |            |           |
| 393051.98  | 3814259.14 | 19.81944   | (17122507) | 393063.39 |
| 3814238.72 | 24.48764   | (17122507) |            |           |
| 393074.79  | 3814218.29 | 30.34523   | (17122507) | 393086.19 |
| 3814197.87 | 39.32179   | (17122507) |            |           |
| 393097.59  | 3814177.44 | 61.26384   | (16110418) | 393108.99 |
| 3814157.01 | 86.58633   | (16110418) |            |           |
| 393120.39  | 3814136.59 | 100.21260  | (16110418) | 393155.04 |
| 3814113.58 | 126.16063  | (16110418) |            |           |
| 393178.29  | 3814111.00 | 136.85893  | (16122121) | 393201.54 |
| 3814108.43 | 142.21809  | (16122121) |            |           |
| 393224.79  | 3814105.85 | 140.24174  | (16122121) | 393248.04 |
| 3814103.27 | 131.07886  | (16122121) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 712

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393271.30   | 3814100.69  | 131.48519  | (20040905) | 393294.55   |
| 3814098.11  | 119.37233   | (20040905) |            |             |
| 393317.80   | 3814095.54  | 111.40159  | (17021606) | 393341.05   |
| 3814092.96  | 99.39696    | (17021606) |            |             |
| 393364.30   | 3814090.38  | 77.26311   | (17021606) | 393387.55   |
| 3814087.80  | 59.97484    | (17051823) |            |             |
| 393410.80   | 3814085.22  | 42.81093   | (17051823) | 393434.05   |
| 3814082.65  | 31.51548    | (16011703) |            |             |
| 393457.30   | 3814080.07  | 21.78439   | (16011703) | 393480.55   |
| 3814077.49  | 13.55369    | (17102818) |            |             |
| 393503.80   | 3814074.91  | 10.18237   | (19122223) | 393527.05   |
| 3814072.33  | 7.48634     | (19122223) |            |             |
| 393550.30   | 3814069.76  | 6.15997    | (18020317) | 393573.55   |
| 3814067.18  | 5.78317     | (18020317) |            |             |
| 393596.80   | 3814064.60  | 5.69462    | (18020317) | 393620.05   |
| 3814062.02  | 5.69722     | (18020417) |            |             |
| 393643.30   | 3814059.44  | 5.90471    | (18020417) | 393666.55   |
| 3814056.86  | 6.12816     | (18020417) |            |             |
| 393689.80   | 3814054.29  | 6.32321    | (19041718) | 393713.05   |
| 3814051.71  | 6.59114     | (19041718) |            |             |
| 393736.30   | 3814049.13  | 6.71521    | (19041718) | 393759.55   |
| 3814046.55  | 6.71052     | (19041718) |            |             |
| 393782.80   | 3814043.97  | 6.71000    | (19102517) | 393806.05   |
| 3814041.40  | 6.91643     | (16122319) |            |             |
| 393829.30   | 3814038.82  | 7.41920    | (16122604) | 393852.55   |
| 3814036.24  | 8.35756     | (16122604) |            |             |
| 393875.80   | 3814033.66  | 9.00405    | (16122604) | 393899.05   |
| 3814031.08  | 9.48846     | (16122604) |            |             |
| 393922.30   | 3814028.51  | 10.05484   | (19120517) | 393945.55   |
| 3814025.93  | 10.27108    | (19011918) |            |             |
| 393968.80   | 3814023.35  | 10.92940   | (19011918) | 393992.05   |
| 3814020.77  | 11.19846    | (19011617) |            |             |
| 394015.30   | 3814018.19  | 11.45690   | (19011617) | 394038.55   |
| 3814015.61  | 12.21811    | (16122308) |            |             |
| 394061.80   | 3814013.04  | 12.76906   | (16122308) | 394085.05   |
| 3814010.46  | 13.47740    | (16122308) |            |             |
| 394108.30   | 3814007.88  | 14.39986   | (17012208) | 394131.55   |
| 3814005.30  | 16.52853    | (17012208) |            |             |
| 394154.80   | 3814002.72  | 19.75613   | (19012920) | 394178.05   |
| 3814000.15  | 27.47187    | (18111922) |            |             |
| 394201.30   | 3813997.57  | 36.18624   | (18111922) | 394224.55   |
| 3813994.99  | 47.41529    | (19013023) |            |             |
| 394247.81   | 3813992.41  | 62.66633   | (20031204) | 394271.06   |
| 3813989.83  | 75.62113    | (20031204) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394294.31  | 3813987.26 | 95.34508   | (16102920) | 394317.56 |
| 3813984.68 | 103.98473  | (16102920) |            |           |
| 394340.81  | 3813982.10 | 83.19323   | (16102920) | 394364.06 |
| 3813979.52 | 68.20706   | (18022507) |            |           |
| 394387.31  | 3813976.94 | 72.61350   | (19122319) | 394410.56 |
| 3813974.37 | 79.45884   | (19122319) |            |           |
| 394433.81  | 3813971.79 | 78.57119   | (16010219) | 394457.06 |
| 3813969.21 | 76.24641   | (16010219) |            |           |
| 394480.31  | 3813966.63 | 73.27727   | (16010219) | 394503.56 |
| 3813964.05 | 84.15411   | (18091502) |            |           |
| 394526.81  | 3813961.47 | 113.03555  | (17012519) | 394550.06 |
| 3813958.90 | 140.93630  | (17012519) |            |           |
| 394573.31  | 3813956.32 | 149.01550  | (17012519) | 394596.56 |
| 3813953.74 | 168.23276  | (17121817) |            |           |
| 394619.81  | 3813951.16 | 186.26934  | (17121817) | 394643.06 |
| 3813948.58 | 180.73717  | (17121817) |            |           |
| 394666.31  | 3813946.01 | 160.34577  | (17121817) | 394689.56 |
| 3813943.43 | 145.70335  | (16012117) |            |           |
| 394712.81  | 3813940.85 | 164.14898  | (17122407) | 394736.06 |
| 3813938.27 | 182.95749  | (17122407) |            |           |
| 394759.31  | 3813935.69 | 186.51581  | (17122407) | 394782.56 |
| 3813933.12 | 173.96077  | (17122407) |            |           |
| 394805.81  | 3813930.54 | 168.61692  | (18061202) | 394829.06 |
| 3813927.96 | 183.13798  | (18061202) |            |           |
| 394852.31  | 3813925.38 | 182.09452  | (18061202) | 394875.56 |
| 3813922.80 | 169.33915  | (20113008) |            |           |
| 394898.81  | 3813920.22 | 166.44166  | (20113008) | 394922.06 |
| 3813917.65 | 153.79406  | (16010220) |            |           |
| 394945.31  | 3813915.07 | 176.05522  | (16010220) | 394968.56 |
| 3813912.49 | 184.79285  | (16010220) |            |           |
| 394991.81  | 3813909.91 | 177.95946  | (16010220) | 395015.06 |
| 3813907.33 | 159.37602  | (16120407) |            |           |
| 395038.31  | 3813904.76 | 178.82484  | (16120407) | 395061.56 |
| 3813902.18 | 184.31688  | (16120407) |            |           |
| 395084.81  | 3813899.60 | 174.64922  | (16120407) | 395108.06 |
| 3813897.02 | 152.25010  | (16120407) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 713

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |           | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------|---------------------|--------------------|------------|-------------|
| -----                      |           |                     |                    |            |             |
|                            | 395131.31 | 3813894.44          | 133.11179          | (20031107) | 395154.56   |
| 3813891.87                 |           | 135.35128           | (20031107)         |            |             |
|                            | 395177.81 | 3813889.29          | 138.04411          | (17031703) | 395201.06   |
| 3813886.71                 |           | 139.69901           | (17031703)         |            |             |
|                            | 395224.31 | 3813884.13          | 152.12702          | (16022404) | 392082.87   |
| 3815995.37                 |           | 19.88421            | (17121703)         |            |             |
|                            | 392082.08 | 3816018.84          | 27.34288           | (19010220) | 392081.29   |
| 3816042.31                 |           | 36.11431            | (20102621)         |            |             |
|                            | 392080.51 | 3816065.79          | 52.27026           | (16012217) | 392079.72   |
| 3816089.26                 |           | 74.42338            | (16012217)         |            |             |
|                            | 392078.94 | 3816112.73          | 102.44236          | (17122417) | 392078.15   |
| 3816136.20                 |           | 132.56524           | (17122417)         |            |             |
|                            | 392077.37 | 3816159.68          | 146.83105          | (19020106) | 392076.58   |
| 3816183.15                 |           | 147.28934           | (19020106)         |            |             |
|                            | 392075.79 | 3816206.62          | 155.07499          | (16060403) | 392075.01   |
| 3816230.09                 |           | 156.61355           | (16060403)         |            |             |
|                            | 392074.22 | 3816253.57          | 154.64887          | (17122717) | 392073.44   |
| 3816277.04                 |           | 157.21160           | (17122717)         |            |             |
|                            | 391594.50 | 3815958.29          | 14.79389           | (17121703) | 391605.86   |
| 3815937.94                 |           | 13.96799            | (17121703)         |            |             |
|                            | 391617.22 | 3815917.59          | 12.07302           | (19012501) | 391628.58   |
| 3815897.24                 |           | 10.71945            | (20040906)         |            |             |
|                            | 391639.94 | 3815876.90          | 10.60697           | (20040906) | 391651.29   |
| 3815856.55                 |           | 10.38992            | (20040906)         |            |             |
|                            | 391662.65 | 3815836.20          | 10.09168           | (20040906) | 391674.01   |
| 3815815.85                 |           | 9.97858             | (17021703)         |            |             |
|                            | 391685.37 | 3815795.50          | 10.47450           | (17021703) | 391696.73   |
| 3815775.15                 |           | 11.00045            | (17021703)         |            |             |
|                            | 391708.08 | 3815754.80          | 13.26599           | (19111624) | 391719.44   |
| 3815734.46                 |           | 15.35467            | (19111624)         |            |             |
|                            | 391730.80 | 3815714.11          | 16.12871           | (18111801) | 391742.16   |
| 3815693.76                 |           | 15.92149            | (18111801)         |            |             |
|                            | 391753.52 | 3815673.41          | 14.81374           | (17012703) | 391764.87   |
| 3815653.06                 |           | 14.57010            | (17012703)         |            |             |
|                            | 391776.23 | 3815632.71          | 13.56814           | (17012703) | 391787.59   |
| 3815612.36                 |           | 12.72789            | (20111303)         |            |             |
|                            | 391798.95 | 3815592.02          | 12.98648           | (20111303) | 391810.31   |
| 3815571.67                 |           | 13.09717            | (20111303)         |            |             |
|                            | 391821.67 | 3815551.32          | 13.02103           | (16012119) | 391833.02   |
| 3815530.97                 |           | 11.95226            | (20112418)         |            |             |
|                            | 391844.38 | 3815510.62          | 11.11141           | (19101107) | 391855.74   |
| 3815490.27                 |           | 10.93185            | (19101107)         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391867.10  | 3815469.92 | 11.21210   | (19101107) | 391878.46 |
| 3815449.58 | 11.59900   | (19122522) |            |           |
| 391889.81  | 3815429.23 | 11.79477   | (16021908) | 391901.17 |
| 3815408.88 | 12.94424   | (16021908) |            |           |
| 391912.53  | 3815388.53 | 12.60747   | (16021908) | 391923.89 |
| 3815368.18 | 11.48824   | (16021908) |            |           |
| 391935.25  | 3815347.83 | 9.81746    | (16021908) | 391946.60 |
| 3815327.48 | 8.37128    | (16021908) |            |           |
| 391957.96  | 3815307.14 | 7.24569    | (16021908) | 391969.32 |
| 3815286.79 | 6.66769    | (16021908) |            |           |
| 391980.68  | 3815266.44 | 6.33649    | (17112818) | 391992.04 |
| 3815246.09 | 6.20861    | (20031606) |            |           |
| 392003.39  | 3815225.74 | 6.43588    | (20031606) | 392014.75 |
| 3815205.39 | 5.92300    | (20031606) |            |           |
| 392026.11  | 3815185.04 | 5.45784    | (19090807) | 392037.47 |
| 3815164.70 | 5.15068    | (19090807) |            |           |
| 392048.83  | 3815144.35 | 4.83742    | (19090807) | 392060.18 |
| 3815124.00 | 4.53850    | (18121116) |            |           |
| 392071.54  | 3815103.65 | 4.39144    | (18121116) | 392082.90 |
| 3815083.30 | 4.13852    | (18121116) |            |           |
| 392094.26  | 3815062.95 | 3.82250    | (17101517) | 392105.62 |
| 3815042.60 | 3.74091    | (17101517) |            |           |
| 392116.98  | 3815022.26 | 3.67231    | (17101517) | 392128.33 |
| 3815001.91 | 3.66968    | (19012619) |            |           |
| 392139.69  | 3814981.56 | 3.75196    | (19012619) | 392151.05 |
| 3814961.21 | 3.78241    | (19012619) |            |           |
| 392162.41  | 3814940.86 | 3.77738    | (18041718) | 392173.77 |
| 3814920.51 | 3.83129    | (20041007) |            |           |
| 392185.12  | 3814900.16 | 3.94504    | (20041007) | 392196.48 |
| 3814879.82 | 4.00399    | (20041007) |            |           |
| 392207.84  | 3814859.47 | 4.00610    | (20041007) | 392219.20 |
| 3814839.12 | 3.94831    | (20041007) |            |           |
| 392230.56  | 3814818.77 | 3.92271    | (16122516) | 392241.91 |
| 3814798.42 | 4.01172    | (16122516) |            |           |
| 392253.27  | 3814778.07 | 4.05173    | (16122516) | 392264.63 |
| 3814757.72 | 4.04614    | (16122516) |            |           |
| 392275.99  | 3814737.38 | 3.96546    | (16122516) | 392287.35 |
| 3814717.03 | 3.98515    | (19102117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 714

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 392298.70   | 3814696.68  | 4.03808        | (19102117) | 392310.06          |  |
| 3814676.33  | 4.05946     | (19102117)     |            |                    |  |
| 392321.42   | 3814655.98  | 4.08981        | (19102117) | 392332.78          |  |
| 3814635.63  | 4.19926     | (19102117)     |            |                    |  |
| 392344.14   | 3814615.28  | 4.40834        | (19020717) | 392355.49          |  |
| 3814594.94  | 4.51292     | (19020717)     |            |                    |  |
| 392366.85   | 3814574.59  | 4.55428        | (19020717) | 392378.21          |  |
| 3814554.24  | 4.54063     | (19020717)     |            |                    |  |
| 392389.57   | 3814533.89  | 4.45665        | (19020717) | 392400.93          |  |
| 3814513.54  | 4.40260     | (18120716)     |            |                    |  |
| 392412.29   | 3814493.19  | 4.32327        | (18120716) | 392423.64          |  |
| 3814472.84  | 4.27380     | (16121716)     |            |                    |  |
| 392435.00   | 3814452.50  | 4.54110        | (16121716) | 392446.36          |  |
| 3814432.15  | 4.75437     | (16121716)     |            |                    |  |
| 392457.72   | 3814411.80  | 4.89719        | (16121716) | 392469.08          |  |
| 3814391.45  | 4.98523     | (16121716)     |            |                    |  |
| 392480.43   | 3814371.10  | 5.00908        | (16121716) | 392491.79          |  |
| 3814350.75  | 4.97093     | (16121716)     |            |                    |  |
| 392503.15   | 3814330.40  | 4.98614        | (18050318) | 392514.51          |  |
| 3814310.06  | 4.95567     | (18050318)     |            |                    |  |
| 392525.87   | 3814289.71  | 4.86028        | (18050318) | 392537.22          |  |
| 3814269.36  | 4.78367     | (19121704)     |            |                    |  |
| 392548.58   | 3814249.01  | 4.93087        | (17120408) | 392559.94          |  |
| 3814228.66  | 5.11940     | (17120408)     |            |                    |  |
| 392571.30   | 3814208.31  | 5.43028        | (19011017) | 392582.66          |  |
| 3814187.97  | 5.72293     | (19011017)     |            |                    |  |
| 392594.01   | 3814167.62  | 5.98873        | (17012518) | 392605.37          |  |
| 3814147.27  | 6.40741     | (17012518)     |            |                    |  |
| 392616.73   | 3814126.92  | 6.62118        | (17012518) | 392628.09          |  |
| 3814106.57  | 6.64634     | (17012518)     |            |                    |  |
| 392639.45   | 3814086.22  | 6.94365        | (17011307) | 392650.80          |  |
| 3814065.87  | 7.60772     | (17011307)     |            |                    |  |
| 392662.16   | 3814045.53  | 8.12199        | (17011307) | 392673.52          |  |
| 3814025.18  | 8.46779     | (17011307)     |            |                    |  |
| 392684.88   | 3814004.83  | 8.95488        | (20111518) | 392696.24          |  |
| 3813984.48  | 9.54041     | (20111518)     |            |                    |  |
| 392707.59   | 3813964.13  | 9.93299        | (20111518) | 392718.95          |  |
| 3813943.78  | 10.49278    | (17092519)     |            |                    |  |
| 392730.31   | 3813923.43  | 11.12718       | (17092519) | 392741.67          |  |
| 3813903.09  | 11.46535    | (17092519)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392753.03  | 3813882.74 | 13.46561   | (17122507) | 392764.39 |
| 3813862.39 | 15.66797   | (17122507) |            |           |
| 392775.74  | 3813842.04 | 18.33625   | (17122507) | 392787.10 |
| 3813821.69 | 19.79091   | (18120718) |            |           |
| 392798.46  | 3813801.34 | 23.54472   | (18120718) | 392809.82 |
| 3813780.99 | 24.53495   | (18120718) |            |           |
| 392821.18  | 3813760.65 | 24.83106   | (18120718) | 392832.53 |
| 3813740.30 | 27.70577   | (19021306) |            |           |
| 392843.89  | 3813719.95 | 32.35722   | (19021306) | 392878.41 |
| 3813697.03 | 39.40793   | (16122121) |            |           |
| 392901.57  | 3813694.46 | 39.98229   | (16122121) | 392924.74 |
| 3813691.89 | 36.88032   | (16122121) |            |           |
| 392947.90  | 3813689.33 | 36.49845   | (20040905) | 392971.06 |
| 3813686.76 | 40.49961   | (20040905) |            |           |
| 392994.22  | 3813684.19 | 44.69350   | (20040905) | 393017.38 |
| 3813681.62 | 49.23789   | (17021606) |            |           |
| 393040.55  | 3813679.05 | 53.05009   | (17021606) | 393063.71 |
| 3813676.48 | 53.40522   | (17021606) |            |           |
| 393086.87  | 3813673.92 | 53.51966   | (17021606) | 393110.03 |
| 3813671.35 | 54.23340   | (17051823) |            |           |
| 393133.19  | 3813668.78 | 57.11340   | (17051823) | 393156.35 |
| 3813666.21 | 72.21269   | (20121922) |            |           |
| 393179.52  | 3813663.64 | 84.67065   | (20121922) | 393202.68 |
| 3813661.07 | 90.18674   | (20121922) |            |           |
| 393225.84  | 3813658.51 | 86.75989   | (20121922) | 393249.00 |
| 3813655.94 | 73.51342   | (20121922) |            |           |
| 393272.16  | 3813653.37 | 56.43370   | (16011701) | 393295.33 |
| 3813650.80 | 46.08625   | (16011701) |            |           |
| 393318.49  | 3813648.23 | 36.65422   | (16011701) | 393341.65 |
| 3813645.66 | 32.18354   | (18092722) |            |           |
| 393364.81  | 3813643.10 | 27.71196   | (18092722) | 393387.97 |
| 3813640.53 | 26.02120   | (16112024) |            |           |
| 393411.14  | 3813637.96 | 26.37700   | (16112024) | 393434.30 |
| 3813635.39 | 26.54275   | (20021206) |            |           |
| 393457.46  | 3813632.82 | 25.75228   | (20021206) | 393480.62 |
| 3813630.26 | 21.63655   | (20021206) |            |           |
| 393503.78  | 3813627.69 | 16.82096   | (16113018) | 393526.94 |
| 3813625.12 | 13.12284   | (16113018) |            |           |
| 393550.11  | 3813622.55 | 11.40613   | (19102219) | 393573.27 |
| 3813619.98 | 9.98720    | (19102219) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 715

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*



INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 393596.43   | 3813617.41           | 9.10410    | (19092119) | 393619.59   |
| 3813614.85  | 8.98452 (16122319)   |            |            |             |
| 393642.75   | 3813612.28           | 8.14923    | (16122604) | 393665.92   |
| 3813609.71  | 7.10170 (16122604)   |            |            |             |
| 393689.08   | 3813607.14           | 6.15089    | (16122604) | 393712.24   |
| 3813604.57  | 5.80405 (16122604)   |            |            |             |
| 393735.40   | 3813602.00           | 5.78565    | (19120517) | 393758.56   |
| 3813599.44  | 5.91063 (19120517)   |            |            |             |
| 393781.73   | 3813596.87           | 5.93666    | (19011918) | 393804.89   |
| 3813594.30  | 6.11362 (19011918)   |            |            |             |
| 393828.05   | 3813591.73           | 6.38087    | (19011617) | 393851.21   |
| 3813589.16  | 7.11880 (19011617)   |            |            |             |
| 393874.37   | 3813586.59           | 7.87913    | (16122308) | 393897.54   |
| 3813584.03  | 9.07859 (16122308)   |            |            |             |
| 393920.70   | 3813581.46           | 10.40413   | (16122308) | 393943.86   |
| 3813578.89  | 10.97039 (16122308)  |            |            |             |
| 393967.02   | 3813576.32           | 11.96156   | (17012208) | 393990.18   |
| 3813573.75  | 14.36901 (17012208)  |            |            |             |
| 394013.34   | 3813571.18           | 18.57796   | (19012920) | 394036.51   |
| 3813568.62  | 24.41487 (18111922)  |            |            |             |
| 394059.67   | 3813566.05           | 31.43550   | (18111922) | 394082.83   |
| 3813563.48  | 33.12247 (18111922)  |            |            |             |
| 394105.99   | 3813560.91           | 33.68882   | (20031204) | 394129.15   |
| 3813558.34  | 38.25845 (20031204)  |            |            |             |
| 394152.32   | 3813555.77           | 35.02981   | (19011618) | 394175.48   |
| 3813553.21  | 33.50394 (19011618)  |            |            |             |
| 394198.64   | 3813550.64           | 38.06213   | (20112802) | 394221.80   |
| 3813548.07  | 47.07676 (16102920)  |            |            |             |
| 394244.96   | 3813545.50           | 53.69005   | (16102920) | 394268.13   |
| 3813542.93  | 66.93143 (16040119)  |            |            |             |
| 394291.29   | 3813540.36           | 81.29935   | (16040119) | 394314.45   |
| 3813537.80  | 91.79283 (16040119)  |            |            |             |
| 394337.61   | 3813535.23           | 112.40981  | (16010219) | 394360.77   |
| 3813532.66  | 136.30530 (16010219) |            |            |             |
| 394383.94   | 3813530.09           | 141.54171  | (16010219) | 394407.10   |
| 3813527.52  | 133.21087 (16010219) |            |            |             |
| 394430.26   | 3813524.95           | 135.42569  | (17012519) | 394453.42   |
| 3813522.39  | 149.16804 (17012519) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394476.58  | 3813519.82 | 148.09370  | (17012519) | 394499.74 |
| 3813517.25 | 124.70588  | (17012519) |            |           |
| 394522.91  | 3813514.68 | 98.76370   | (16122601) | 394546.07 |
| 3813512.11 | 84.14883   | (17121817) |            |           |
| 394569.23  | 3813509.54 | 79.50425   | (17121817) | 394592.39 |
| 3813506.98 | 77.72175   | (17121817) |            |           |
| 394615.55  | 3813504.41 | 77.16849   | (17121817) | 394638.72 |
| 3813501.84 | 75.73513   | (16012117) |            |           |
| 394661.88  | 3813499.27 | 85.31008   | (16012117) | 394685.04 |
| 3813496.70 | 89.94486   | (16012117) |            |           |
| 394708.20  | 3813494.13 | 105.63830  | (17122407) | 394731.36 |
| 3813491.57 | 118.24450  | (17122407) |            |           |
| 394754.53  | 3813489.00 | 120.57325  | (17122407) | 394777.69 |
| 3813486.43 | 112.13100  | (17122407) |            |           |
| 394800.85  | 3813483.86 | 118.84110  | (18061202) | 394824.01 |
| 3813481.29 | 126.30894  | (18061202) |            |           |
| 394847.17  | 3813478.72 | 126.86790  | (18061202) | 394870.34 |
| 3813476.16 | 130.86204  | (20113008) |            |           |
| 394893.50  | 3813473.59 | 137.96705  | (20113008) | 394916.66 |
| 3813471.02 | 130.01777  | (20113008) |            |           |
| 394939.82  | 3813468.45 | 134.13668  | (16010220) | 394962.98 |
| 3813465.88 | 147.40736  | (16010220) |            |           |
| 394986.14  | 3813463.31 | 151.95458  | (16010220) | 395009.31 |
| 3813460.75 | 146.99094  | (16010220) |            |           |
| 395032.47  | 3813458.18 | 133.48348  | (16010220) | 395055.63 |
| 3813455.61 | 141.65389  | (16120407) |            |           |
| 395078.79  | 3813453.04 | 150.51543  | (16120407) | 391583.15 |
| 3815978.64 | 15.07216   | (17121703) |            |           |
| 391582.36  | 3816002.11 | 18.10513   | (16112419) | 391581.57 |
| 3816025.58 | 20.96914   | (16112419) |            |           |
| 391580.79  | 3816049.06 | 23.33669   | (17122417) | 391580.00 |
| 3816072.53 | 27.08923   | (17122417) |            |           |
| 391579.22  | 3816096.00 | 29.40548   | (19020106) | 391578.43 |
| 3816119.47 | 33.93480   | (19020106) |            |           |
| 391577.65  | 3816142.95 | 37.32563   | (19020106) | 391576.86 |
| 3816166.42 | 40.09804   | (16111721) |            |           |
| 391576.07  | 3816189.89 | 45.60417   | (16111721) | 391575.29 |
| 3816213.36 | 48.92057   | (19011321) |            |           |
| 391574.50  | 3816236.84 | 58.38312   | (19011321) | 391573.72 |
| 3816260.31 | 66.97344   | (19011321) |            |           |
| 391094.84  | 3815941.46 | 4.67430    | (19120409) | 391106.25 |
| 3815921.01 | 4.83672    | (19120409) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 391117.67   | 3815900.56         | 4.98456    | (19120409) | 391129.08   |
| 3815880.11  | 5.11775 (19120409) |            |            |             |
| 391140.50   | 3815859.66         | 5.23378    | (19120409) | 391151.91   |
| 3815839.21  | 5.33105 (19120409) |            |            |             |
| 391163.33   | 3815818.76         | 5.40824    | (19120409) | 391174.74   |
| 3815798.31  | 5.46415 (19120409) |            |            |             |
| 391186.15   | 3815777.86         | 5.49786    | (19120409) | 391197.57   |
| 3815757.41  | 5.50871 (19120409) |            |            |             |
| 391208.98   | 3815736.97         | 5.49632    | (19120409) | 391220.40   |
| 3815716.52  | 5.46057 (19120409) |            |            |             |
| 391231.81   | 3815696.07         | 5.40165    | (19120409) | 391243.23   |
| 3815675.62  | 5.32008 (19120409) |            |            |             |
| 391254.64   | 3815655.17         | 5.21662    | (19120409) | 391266.06   |
| 3815634.72  | 5.09238 (19120409) |            |            |             |
| 391277.47   | 3815614.27         | 4.94869    | (19120409) | 391288.88   |
| 3815593.82  | 4.78714 (19120409) |            |            |             |
| 391300.30   | 3815573.37         | 4.60952    | (19120409) | 391311.71   |
| 3815552.92  | 4.41781 (19120409) |            |            |             |
| 391323.13   | 3815532.47         | 4.21411    | (19120409) | 391334.54   |
| 3815512.02  | 4.00066 (19120409) |            |            |             |
| 391345.96   | 3815491.57         | 3.77971    | (19120409) | 391357.37   |
| 3815471.12  | 3.82878 (18021108) |            |            |             |
| 391368.78   | 3815450.67         | 3.89441    | (18021108) | 391380.20   |
| 3815430.22  | 3.91525 (18021108) |            |            |             |
| 391391.61   | 3815409.77         | 3.88735    | (18021108) | 391403.03   |
| 3815389.33  | 3.82658 (18021108) |            |            |             |
| 391414.44   | 3815368.88         | 3.73739    | (18021108) | 391425.86   |
| 3815348.43  | 3.70061 (20090918) |            |            |             |
| 391437.27   | 3815327.98         | 3.75059    | (20090918) | 391448.69   |
| 3815307.53  | 3.75290 (20090918) |            |            |             |
| 391460.10   | 3815287.08         | 3.70903    | (20090918) | 391471.51   |
| 3815266.63  | 3.63433 (20090918) |            |            |             |
| 391482.93   | 3815246.18         | 3.53184    | (20090918) | 391494.34   |
| 3815225.73  | 3.49621 (19123116) |            |            |             |
| 391505.76   | 3815205.28         | 3.53167    | (19123116) | 391517.17   |
| 3815184.83  | 3.53130 (19123116) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392030.82   | 3814264.61          | 4.00145    | (19020717) | 392042.23   |
| 3814244.16  | 3.89648 (19020717)  |            |            |             |
| 392053.65   | 3814223.71          | 3.82084    | (18120716) | 392065.06   |
| 3814203.26  | 3.76006 (16121716)  |            |            |             |
| 392076.47   | 3814182.81          | 4.00885    | (16121716) | 392087.89   |
| 3814162.36  | 4.22685 (16121716)  |            |            |             |
| 392099.30   | 3814141.91          | 4.40833    | (16121716) | 392110.72   |
| 3814121.46  | 4.55432 (16121716)  |            |            |             |
| 392122.13   | 3814101.01          | 4.66490    | (16121716) | 392133.55   |
| 3814080.56  | 4.92411 (19113008)  |            |            |             |
| 392144.96   | 3814060.11          | 5.38899    | (19113008) | 392156.37   |
| 3814039.67  | 5.86399 (19113008)  |            |            |             |
| 392167.79   | 3814019.22          | 6.25271    | (19113008) | 392179.20   |
| 3813998.77  | 6.53552 (19113008)  |            |            |             |
| 392190.62   | 3813978.32          | 6.74348    | (19113008) | 392202.03   |
| 3813957.87  | 6.92921 (18030619)  |            |            |             |
| 392213.45   | 3813937.42          | 7.20836    | (17120408) | 392224.86   |
| 3813916.97  | 7.68699 (19011017)  |            |            |             |
| 392236.28   | 3813896.52          | 8.90387    | (19011017) | 392247.69   |
| 3813876.07  | 11.37002 (18111301) |            |            |             |
| 392259.10   | 3813855.62          | 17.92980   | (18111301) | 392270.52   |
| 3813835.17  | 29.24776 (17010807) |            |            |             |
| 392281.93   | 3813814.72          | 40.20912   | (17010807) | 392293.35   |
| 3813794.27  | 51.82673 (17010807) |            |            |             |
| 392304.76   | 3813773.82          | 57.74640   | (18030506) | 392316.18   |
| 3813753.37  | 67.38462 (18030506) |            |            |             |
| 392327.59   | 3813732.92          | 73.32916   | (18030506) | 392339.00   |
| 3813712.48  | 76.43837 (18030506) |            |            |             |
| 392350.42   | 3813692.03          | 75.50641   | (18010221) | 392361.83   |
| 3813671.58  | 84.91566 (18010221) |            |            |             |
| 392373.25   | 3813651.13          | 88.64844   | (18010221) | 392384.66   |
| 3813630.68  | 86.37552 (18010221) |            |            |             |
| 392396.08   | 3813610.23          | 86.82238   | (18032807) | 392407.49   |
| 3813589.78  | 86.17362 (18032807) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393346.84   | 3813197.86  | 73.32814   | (18120918) | 393370.11   |
| 3813195.28  | 68.04909    | (18120918) |            |             |
| 393393.39   | 3813192.70  | 62.06817   | (18120918) | 393416.67   |
| 3813190.12  | 63.06598    | (18120308) |            |             |
| 393439.94   | 3813187.54  | 61.84383   | (18120308) | 393463.22   |
| 3813184.96  | 54.05709    | (18120308) |            |             |
| 393486.50   | 3813182.38  | 47.71287   | (19010508) | 393509.77   |
| 3813179.80  | 47.28665    | (19010508) |            |             |
| 393533.05   | 3813177.22  | 41.24221   | (19010508) | 393556.33   |
| 3813174.63  | 28.03441    | (16010221) |            |             |
| 393579.60   | 3813172.05  | 28.62498   | (16010221) | 393602.88   |
| 3813169.47  | 38.30194    | (17123103) |            |             |
| 393626.16   | 3813166.89  | 41.40289   | (17123103) | 393649.43   |
| 3813164.31  | 36.63306    | (17123017) |            |             |
| 393672.71   | 3813161.73  | 31.02041   | (17102717) | 393695.99   |
| 3813159.15  | 24.93859    | (18032119) |            |             |
| 393719.26   | 3813156.57  | 18.30595   | (18032119) | 393742.54   |
| 3813153.99  | 13.69456    | (18012422) |            |             |
| 393765.82   | 3813151.41  | 12.02585   | (16122308) | 393789.09   |
| 3813148.82  | 10.89911    | (16122308) |            |             |
| 393812.37   | 3813146.24  | 10.08177   | (16122308) | 393835.65   |
| 3813143.66  | 9.64071     | (17012208) |            |             |
| 393858.92   | 3813141.08  | 9.36999    | (17012208) | 393882.20   |
| 3813138.50  | 8.75242     | (17012208) |            |             |
| 393905.48   | 3813135.92  | 8.09214    | (17012208) | 393928.75   |
| 3813133.34  | 7.73261     | (17012208) |            |             |
| 393952.03   | 3813130.76  | 7.94216    | (17120920) | 393975.31   |
| 3813128.18  | 8.34307     | (19011519) |            |             |
| 393998.58   | 3813125.59  | 8.82578    | (19011519) | 394021.86   |
| 3813123.01  | 9.32034     | (19011519) |            |             |
| 394045.14   | 3813120.43  | 10.18920   | (19011519) | 394068.41   |
| 3813117.85  | 12.26994    | (19011618) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394091.69  | 3813115.27 | 13.52058   | (20112802) | 394114.97 |
| 3813112.69 | 14.95266   | (20112802) |            |           |
| 394138.24  | 3813110.11 | 15.89541   | (20112802) | 394161.52 |
| 3813107.53 | 17.81599   | (18022507) |            |           |
| 394184.80  | 3813104.95 | 19.96918   | (18022507) | 394208.07 |
| 3813102.37 | 21.07374   | (18022507) |            |           |
| 394231.35  | 3813099.78 | 22.95502   | (19122319) | 394254.63 |
| 3813097.20 | 23.94549   | (19122319) |            |           |
| 394277.90  | 3813094.62 | 25.14796   | (16010219) | 394301.18 |
| 3813092.04 | 27.33850   | (16010219) |            |           |
| 394324.46  | 3813089.46 | 27.94782   | (16010219) | 394347.73 |
| 3813086.88 | 29.13602   | (18091502) |            |           |
| 394371.01  | 3813084.30 | 30.39837   | (18091502) | 394394.29 |
| 3813081.72 | 33.62622   | (19112107) |            |           |
| 394417.56  | 3813079.14 | 36.06873   | (19112107) | 394440.84 |
| 3813076.56 | 37.32698   | (19112107) |            |           |
| 394464.12  | 3813073.97 | 41.47782   | (16122601) | 394487.39 |
| 3813071.39 | 44.14021   | (16122601) |            |           |
| 394510.67  | 3813068.81 | 47.31466   | (17121817) | 394533.95 |
| 3813066.23 | 51.69295   | (17121817) |            |           |
| 394557.22  | 3813063.65 | 53.41332   | (17121817) | 394580.50 |
| 3813061.07 | 52.18764   | (17121817) |            |           |
| 394603.78  | 3813058.49 | 53.73140   | (16012117) | 394627.05 |
| 3813055.91 | 60.97459   | (16012117) |            |           |
| 394650.33  | 3813053.33 | 65.85943   | (16012117) | 394673.61 |
| 3813050.74 | 74.04486   | (17122407) |            |           |
| 394696.88  | 3813048.16 | 82.67334   | (17122407) | 394720.16 |
| 3813045.58 | 87.43576   | (17122407) |            |           |
| 394743.44  | 3813043.00 | 86.97376   | (17122407) | 394766.71 |
| 3813040.42 | 82.92473   | (16122918) |            |           |
| 394789.99  | 3813037.84 | 90.50277   | (18061202) | 394813.27 |
| 3813035.26 | 99.28347   | (18061202) |            |           |
| 394836.54  | 3813032.68 | 105.08024  | (18061202) | 394859.82 |
| 3813030.10 | 105.74298  | (20113008) |            |           |
| 394883.10  | 3813027.52 | 112.77234  | (20113008) | 394906.37 |
| 3813024.93 | 113.72034  | (20113008) |            |           |
| 395348.63  | 3812975.89 | 105.33073  | (16022404) | 395371.91 |
| 3812973.31 | 107.77202  | (20021818) |            |           |
| 395395.18  | 3812970.73 | 117.68180  | (20021818) | 395418.46 |
| 3812968.15 | 122.74661  | (20021818) |            |           |
| 395441.74  | 3812965.57 | 122.34160  | (20021818) | 395465.01 |
| 3812962.99 | 120.87093  | (16010907) |            |           |
| 395488.29  | 3812960.41 | 124.34663  | (16010907) | 395511.57 |
| 3812957.83 | 122.35685  | (16010907) |            |           |
| 395534.84  | 3812955.25 | 121.25626  | (18020908) | 395558.12 |
| 3812952.67 | 123.24809  | (18020908) |            |           |
| 395581.40  | 3812950.08 | 119.94206  | (18020908) | 395604.67 |
| 3812947.50 | 111.81392  | (18020908) |            |           |



| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 391083.43   | 3815961.91         | 4.50009    | (19120409) | 391082.64   |
| 3815985.38  | 4.31266 (19120409) |            |            |             |
| 391081.85   | 3816008.85         | 4.16992    | (17040118) | 391081.07   |
| 3816032.33  | 4.57119 (16061901) |            |            |             |
| 391080.28   | 3816055.80         | 5.35924    | (16061901) | 391079.50   |
| 3816079.27  | 6.06786 (18102019) |            |            |             |
| 391078.71   | 3816102.74         | 6.70264    | (17012820) | 391077.92   |
| 3816126.22  | 6.89210 (17012820) |            |            |             |
| 391077.14   | 3816149.69         | 7.06837    | (19120108) | 391076.35   |
| 3816173.16  | 7.87585 (19120108) |            |            |             |
| 391075.57   | 3816196.63         | 8.82604    | (19120108) | 391074.78   |
| 3816220.11  | 9.71084 (19120108) |            |            |             |
| 391074.00   | 3816243.58         | 9.52763    | (19120108) | 390595.09   |
| 3815924.79  | 3.88137 (19120409) |            |            |             |
| 390606.47   | 3815904.40         | 4.03019    | (19120409) | 390617.85   |
| 3815884.01  | 4.17200 (19120409) |            |            |             |
| 390629.23   | 3815863.62         | 4.30556    | (19120409) | 390640.61   |
| 3815843.23  | 4.42962 (19120409) |            |            |             |
| 390651.99   | 3815822.85         | 4.54297    | (19120409) | 390663.37   |
| 3815802.46  | 4.64455 (19120409) |            |            |             |
| 390674.75   | 3815782.07         | 4.73325    | (19120409) | 390686.13   |
| 3815761.68  | 4.80812 (19120409) |            |            |             |
| 390697.51   | 3815741.29         | 4.86828    | (19120409) | 390708.89   |
| 3815720.90  | 4.91301 (19120409) |            |            |             |
| 390720.27   | 3815700.51         | 4.94170    | (19120409) | 390731.65   |
| 3815680.12  | 4.95391 (19120409) |            |            |             |
| 390743.03   | 3815659.74         | 4.94937    | (19120409) | 390754.41   |
| 3815639.35  | 4.92794 (19120409) |            |            |             |
| 390765.79   | 3815618.96         | 4.88969    | (19120409) | 390777.17   |
| 3815598.57  | 4.83483 (19120409) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390788.55  | 3815578.18         | 4.76377 | (19120409) | 390799.94 |
| 3815557.79 | 4.67708 (19120409) |         |            |           |
| 390811.32  | 3815537.40         | 4.57550 | (19120409) | 390822.70 |
| 3815517.01 | 4.45991 (19120409) |         |            |           |
| 390834.08  | 3815496.63         | 4.33141 | (19120409) | 390845.46 |
| 3815476.24 | 4.19101 (19120409) |         |            |           |
| 390856.84  | 3815455.85         | 4.04004 | (19120409) | 390868.22 |
| 3815435.46 | 3.87983 (19120409) |         |            |           |
| 390879.60  | 3815415.07         | 3.71180 | (19120409) | 390890.98 |
| 3815394.68 | 3.53740 (19120409) |         |            |           |
| 390902.36  | 3815374.29         | 3.35812 | (19120409) | 390913.74 |
| 3815353.90 | 3.17543 (19120409) |         |            |           |
| 390925.12  | 3815333.52         | 3.08689 | (18021108) | 390936.50 |
| 3815313.13 | 3.11905 (18021108) |         |            |           |
| 390947.88  | 3815292.74         | 3.11273 | (18021108) | 390959.26 |
| 3815272.35 | 3.08218 (18021108) |         |            |           |
| 390970.64  | 3815251.96         | 3.07258 | (19083007) | 390982.02 |
| 3815231.57 | 3.08012 (19083007) |         |            |           |
| 390993.40  | 3815211.18         | 3.08211 | (19083007) | 391004.78 |
| 3815190.79 | 3.09200 (20090918) |         |            |           |
| 391016.16  | 3815170.41         | 3.13544 | (20090918) | 391027.55 |
| 3815150.02 | 3.14381 (20090918) |         |            |           |
| 391038.93  | 3815129.63         | 3.12264 | (20090918) | 391050.31 |
| 3815109.24 | 3.07183 (20090918) |         |            |           |
| 391061.69  | 3815088.85         | 2.98944 | (20090918) | 391073.07 |
| 3815068.46 | 2.98820 (19123116) |         |            |           |
| 391084.45  | 3815048.07         | 2.95971 | (19123116) | 391095.83 |
| 3815027.68 | 2.93204 (19123116) |         |            |           |
| 391107.21  | 3815007.30         | 2.89544 | (19123116) | 391118.59 |
| 3814986.91 | 2.84223 (19112219) |         |            |           |
| 391129.97  | 3814966.52         | 2.84975 | (19112219) | 391141.35 |
| 3814946.13 | 2.82690 (19112219) |         |            |           |
| 391152.73  | 3814925.74         | 2.82903 | (18012718) | 391164.11 |
| 3814905.35 | 2.84159 (18012718) |         |            |           |
| 391175.49  | 3814884.96         | 2.90135 | (19090807) | 391186.87 |
| 3814864.57 | 3.02264 (19090807) |         |            |           |
| 391198.25  | 3814844.19         | 3.11473 | (19090807) | 391209.63 |
| 3814823.80 | 3.17898 (19090807) |         |            |           |
| 391221.01  | 3814803.41         | 3.21373 | (19090807) | 391232.39 |
| 3814783.02 | 3.21996 (19090807) |         |            |           |
| 391243.78  | 3814762.63         | 3.19624 | (19090807) | 391255.16 |
| 3814742.24 | 3.19421 (18121116) |         |            |           |
| 391266.54  | 3814721.85         | 3.20086 | (18121116) | 391277.92 |
| 3814701.46 | 3.17648 (18121116) |         |            |           |
| 391289.30  | 3814681.08         | 3.11848 | (18121116) | 391300.68 |
| 3814660.69 | 3.03731 (18121116) |         |            |           |
| 391312.06  | 3814640.30         | 2.93300 | (18121116) | 391323.44 |
| 3814619.91 | 2.89342 (19031108) |         |            |           |
| 391334.82  | 3814599.52         | 2.91134 | (19031108) | 391346.20 |
| 3814579.13 | 2.92361 (19031108) |         |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 720

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC        |         | (YYMMDDHH) |             |
| 3814538.35 | 391357.58   | 3814558.74  | 2.93017 | (19031108) | 391368.96   |
| 3814497.58 | 391380.34   | 3814517.97  | 2.94806 | (20041007) | 391391.72   |
| 3814456.80 | 391403.10   | 3814477.19  | 3.16502 | (20041007) | 391414.48   |
| 3814416.02 | 391425.86   | 3814436.41  | 3.30273 | (20041007) | 391437.24   |
| 3814375.24 | 391448.62   | 3814395.63  | 3.33921 | (20041007) | 391460.00   |
| 3814334.47 | 391471.39   | 3814354.86  | 3.41892 | (16122516) | 391482.77   |
| 3814293.69 | 391494.15   | 3814314.08  | 3.58986 | (16122516) | 391505.53   |
| 3814252.91 | 391516.91   | 3814273.30  | 3.63884 | (16122516) | 391528.29   |
| 3814212.13 | 391539.67   | 3814232.52  | 3.67013 | (19102117) | 391551.05   |
| 3814171.36 | 391562.43   | 3814191.75  | 3.87360 | (19102117) | 391573.81   |
| 3814130.58 | 391585.19   | 3814150.97  | 3.99993 | (19102117) | 391596.57   |
| 3814089.80 | 391607.95   | 3814110.19  | 4.07877 | (19020717) | 391619.33   |
| 3814049.02 | 391630.71   | 3814069.41  | 5.34351 | (19092307) | 391642.09   |
| 3814008.25 | 391653.47   | 3814028.64  | 6.99442 | (19092307) | 391664.85   |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391676.23  | 3813987.86          | 9.20012  | (19092307) | 391687.61 |
| 3813967.47 | 11.71336 (20122707) |          |            |           |
| 391699.00  | 3813947.08          | 18.98019 | (18120706) | 391710.38 |
| 3813926.69 | 29.08784 (18012920) |          |            |           |
| 391721.76  | 3813906.30          | 43.48969 | (18091323) | 391733.14 |
| 3813885.91 | 59.28751 (18091323) |          |            |           |
| 391744.52  | 3813865.53          | 62.93679 | (18091323) | 391755.90 |
| 3813845.14 | 58.21560 (18091323) |          |            |           |
| 391767.28  | 3813824.75          | 46.11856 | (18091323) | 391778.66 |
| 3813804.36 | 40.09817 (20031123) |          |            |           |
| 391790.04  | 3813783.97          | 32.35991 | (20031123) | 391801.42 |
| 3813763.58 | 30.02500 (16091003) |          |            |           |
| 391812.80  | 3813743.19          | 30.23410 | (16091003) | 391824.18 |
| 3813722.80 | 34.17307 (16091003) |          |            |           |
| 391835.56  | 3813702.42          | 35.21849 | (16091003) | 391846.94 |
| 3813682.03 | 39.41312 (19013104) |          |            |           |
| 391858.32  | 3813661.64          | 43.21753 | (19013104) | 391869.70 |
| 3813641.25 | 49.16757 (19013104) |          |            |           |
| 391881.08  | 3813620.86          | 56.62459 | (19013104) | 391892.46 |
| 3813600.47 | 60.33190 (19013104) |          |            |           |
| 391903.84  | 3813580.08          | 57.09321 | (19013104) | 391915.22 |
| 3813559.69 | 50.15059 (19120503) |          |            |           |
| 391926.61  | 3813539.31          | 52.93781 | (17010807) | 391937.99 |
| 3813518.92 | 55.34733 (17010807) |          |            |           |
| 391949.37  | 3813498.53          | 53.95620 | (17010807) | 391960.75 |
| 3813478.14 | 64.20374 (17010807) |          |            |           |
| 391972.13  | 3813457.75          | 77.79325 | (17010807) | 391983.51 |
| 3813437.36 | 89.33186 (18030506) |          |            |           |
| 391994.89  | 3813416.97          | 89.69108 | (18030506) | 392006.27 |
| 3813396.58 | 87.19152 (18030506) |          |            |           |
| 392017.65  | 3813376.20          | 82.09448 | (18030506) | 392029.03 |
| 3813355.81 | 74.88097 (18030506) |          |            |           |
| 392040.41  | 3813335.42          | 77.65213 | (18010221) | 392051.79 |
| 3813315.03 | 81.86415 (18010221) |          |            |           |
| 392063.17  | 3813294.64          | 83.63724 | (18010221) | 392074.55 |
| 3813274.25 | 89.69217 (18032807) |          |            |           |
| 392085.93  | 3813253.86          | 91.41432 | (18032807) | 392097.31 |
| 3813233.47 | 90.74242 (18032807) |          |            |           |
| 392108.69  | 3813213.09          | 88.72386 | (18032807) | 392120.07 |
| 3813192.70 | 85.24167 (18032807) |          |            |           |
| 392131.45  | 3813172.31          | 78.72641 | (18032807) | 392142.83 |
| 3813151.92 | 72.87383 (18032807) |          |            |           |
| 392154.22  | 3813131.53          | 73.41962 | (18032807) | 392165.60 |
| 3813111.14 | 68.46957 (16110418) |          |            |           |
| 392176.98  | 3813090.75          | 77.51347 | (16110418) | 392188.36 |
| 3813070.36 | 85.21778 (16110418) |          |            |           |
| 392199.74  | 3813049.98          | 91.01093 | (16110418) | 392211.12 |
| 3813029.59 | 94.45465 (16110418) |          |            |           |
| 392222.50  | 3813009.20          | 95.29048 | (16110418) | 392233.88 |
| 3812988.81 | 93.47807 (16110418) |          |            |           |

392245.26 3812968.42 89.19494 (16110418) 392256.64  
 3812948.03 82.80860 (16110418)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 721

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392268.02   | 3812927.64  | 75.57679   | (16122121) | 392279.40   |
| 3812907.25  | 80.65424    | (16122121) |            |             |
| 392290.78   | 3812886.87  | 83.77106   | (16122121) | 392325.37   |
| 3812863.90  | 84.00674    | (16122121) |            |             |
| 392348.58   | 3812861.33  | 81.28606   | (16122121) | 392371.78   |
| 3812858.76  | 77.39709    | (20040905) |            |             |
| 392394.99   | 3812856.18  | 78.16018   | (20040905) | 392418.20   |
| 3812853.61  | 76.96326    | (20040905) |            |             |
| 392441.41   | 3812851.04  | 73.86981   | (20040905) | 392464.62   |
| 3812848.46  | 74.86535    | (17021606) |            |             |
| 392487.82   | 3812845.89  | 74.96696   | (17021606) | 392511.03   |
| 3812843.32  | 73.12306    | (17021606) |            |             |
| 392534.24   | 3812840.74  | 69.44919   | (17021606) | 392557.45   |
| 3812838.17  | 64.20452    | (17021606) |            |             |
| 392580.65   | 3812835.60  | 58.42376   | (20121922) | 392603.86   |
| 3812833.02  | 68.36320    | (20121922) |            |             |
| 392627.07   | 3812830.45  | 77.86071   | (20121922) | 392650.28   |
| 3812827.88  | 86.28757    | (20121922) |            |             |
| 392673.48   | 3812825.30  | 93.01600   | (20121922) | 392696.69   |
| 3812822.73  | 97.50104    | (20121922) |            |             |
| 392719.90   | 3812820.16  | 99.34431   | (20121922) | 392743.11   |
| 3812817.58  | 98.35589    | (20121922) |            |             |
| 392766.32   | 3812815.01  | 94.58662   | (20121922) | 392789.52   |
| 3812812.44  | 88.32546    | (20121922) |            |             |
| 392812.73   | 3812809.86  | 80.05191   | (20121922) | 392835.94   |
| 3812807.29  | 75.49972    | (16011701) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392859.15  | 3812804.72 | 77.11734   | (18092722) | 392882.35 |
| 3812802.14 | 78.15990   | (18092722) |            |           |
| 392905.56  | 3812799.57 | 76.83699   | (18092722) | 392928.77 |
| 3812797.00 | 73.24051   | (18092722) |            |           |
| 392951.98  | 3812794.42 | 67.66418   | (18092722) | 392975.18 |
| 3812791.85 | 70.32897   | (20021206) |            |           |
| 392998.39  | 3812789.28 | 75.02726   | (20021206) | 393021.60 |
| 3812786.70 | 77.54995   | (20021206) |            |           |
| 393044.81  | 3812784.13 | 77.63696   | (20021206) | 393068.01 |
| 3812781.55 | 81.03452   | (20013022) |            |           |
| 393091.22  | 3812778.98 | 84.45784   | (20013022) | 393114.43 |
| 3812776.41 | 85.19774   | (20013022) |            |           |
| 393137.64  | 3812773.83 | 83.59337   | (18120918) | 393160.85 |
| 3812771.26 | 87.76303   | (18120918) |            |           |
| 393184.05  | 3812768.69 | 90.08997   | (18120308) | 393207.26 |
| 3812766.11 | 98.44626   | (18120308) |            |           |
| 393230.47  | 3812763.54 | 104.00741  | (18120308) | 393253.68 |
| 3812760.97 | 106.20352  | (18120308) |            |           |
| 393276.88  | 3812758.39 | 104.78121  | (18120308) | 393300.09 |
| 3812755.82 | 99.85170   | (18120308) |            |           |
| 393323.30  | 3812753.25 | 93.17890   | (20010220) | 393346.51 |
| 3812750.67 | 95.04827   | (17123103) |            |           |
| 393369.71  | 3812748.10 | 101.37456  | (17123103) | 393392.92 |
| 3812745.53 | 104.36447  | (17123103) |            |           |
| 393416.13  | 3812742.95 | 103.67290  | (17123103) | 393439.34 |
| 3812740.38 | 99.34299   | (17123103) |            |           |
| 393462.54  | 3812737.81 | 91.80173   | (17123103) | 393485.75 |
| 3812735.23 | 90.45625   | (17102717) |            |           |
| 393508.96  | 3812732.66 | 97.00667   | (17102717) | 393532.17 |
| 3812730.09 | 100.28534  | (17102717) |            |           |
| 393555.38  | 3812727.51 | 99.91312   | (17102717) | 393578.58 |
| 3812724.94 | 95.90671   | (17102717) |            |           |
| 393601.79  | 3812722.37 | 88.67055   | (17102717) | 393625.00 |
| 3812719.79 | 96.14135   | (19020706) |            |           |
| 393648.21  | 3812717.22 | 103.26309  | (19020706) | 393671.41 |
| 3812714.65 | 106.79346  | (19020706) |            |           |
| 393694.62  | 3812712.07 | 106.31905  | (19020706) | 393717.83 |
| 3812709.50 | 101.86616  | (19020706) |            |           |
| 393741.04  | 3812706.93 | 93.90567   | (19020706) | 393764.24 |
| 3812704.35 | 99.70476   | (17021124) |            |           |
| 393787.45  | 3812701.78 | 106.86765  | (17021124) | 393810.66 |
| 3812699.21 | 99.16268   | (17021124) |            |           |
| 393833.87  | 3812696.63 | 83.54772   | (17021124) | 393857.07 |
| 3812694.06 | 66.59974   | (17021124) |            |           |
| 393880.28  | 3812691.49 | 56.68738   | (20031204) | 393903.49 |
| 3812688.91 | 48.78552   | (20031204) |            |           |
| 393926.70  | 3812686.34 | 42.05874   | (20031204) | 393949.91 |
| 3812683.77 | 34.68230   | (20031204) |            |           |
| 393973.11  | 3812681.19 | 31.30889   | (16102920) | 393996.32 |
| 3812678.62 | 27.00739   | (16102920) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394669.34  | 3812603.99 | 111.50081  | (17122407) | 394692.55 |
| 3812601.42 | 111.85367  | (17122407) |            |           |
| 394715.76  | 3812598.84 | 107.69699  | (17122407) | 394738.97 |
| 3812596.27 | 99.53487   | (17122407) |            |           |
| 394762.17  | 3812593.70 | 98.76596   | (18061202) | 395179.91 |
| 3812547.38 | 103.96099  | (16120407) |            |           |
| 395203.12  | 3812544.80 | 99.28594   | (16120407) | 395226.33 |
| 3812542.23 | 90.20602   | (16120407) |            |           |
| 395249.53  | 3812539.66 | 78.44230   | (16120407) | 395272.74 |
| 3812537.08 | 79.45478   | (20031107) |            |           |
| 395295.95  | 3812534.51 | 80.19738   | (20031107) | 395319.16 |
| 3812531.94 | 78.57160   | (17031703) |            |           |
| 395342.36  | 3812529.36 | 82.30545   | (17031703) | 395365.57 |
| 3812526.79 | 83.04842   | (17031703) |            |           |
| 395388.78  | 3812524.22 | 86.64859   | (16022404) | 395411.99 |
| 3812521.64 | 90.76848   | (16022404) |            |           |
| 395435.19  | 3812519.07 | 92.06451   | (20021818) | 395458.40 |
| 3812516.50 | 100.13094  | (20021818) |            |           |
| 395481.61  | 3812513.92 | 104.99110  | (20021818) | 395504.82 |
| 3812511.35 | 106.16537  | (20021818) |            |           |
| 395528.03  | 3812508.78 | 103.55899  | (20021818) | 395551.23 |
| 3812506.20 | 105.67999  | (16010907) |            |           |
| 395574.44  | 3812503.63 | 107.12818  | (16010907) | 395597.65 |
| 3812501.06 | 104.82617  | (16010907) |            |           |
| 395620.86  | 3812498.48 | 104.42235  | (18020908) | 395644.06 |
| 3812495.91 | 106.22091  | (18020908) |            |           |
| 395667.27  | 3812493.34 | 104.37030  | (18020908) | 395690.48 |
| 3812490.76 | 99.08978   | (18020908) |            |           |
| 395713.69  | 3812488.19 | 90.92914   | (18020908) | 395736.89 |
| 3812485.62 | 93.38430   | (16012621) |            |           |
| 395760.10  | 3812483.04 | 99.22286   | (16012621) | 395783.31 |
| 3812480.47 | 101.94013  | (16012621) |            |           |
| 390583.71  | 3815945.18 | 3.72680    | (19120409) | 390582.92 |
| 3815968.65 | 3.56223    | (19120409) |            |           |
| 390582.13  | 3815992.12 | 3.39220    | (19120409) | 390581.35 |
| 3816015.60 | 3.39838    | (18091707) |            |           |
| 390580.56  | 3816039.07 | 3.71290    | (18091707) | 390579.78 |
| 3816062.54 | 4.02170    | (18091707) |            |           |
| 390578.99  | 3816086.01 | 4.31717    | (18091707) | 390578.20 |
| 3816109.49 | 4.59384    | (18091707) |            |           |
| 390577.42  | 3816132.96 | 4.84640    | (18091707) | 390576.63 |
| 3816156.43 | 5.07049    | (18091707) |            |           |
| 390575.85  | 3816179.90 | 5.26014    | (18091707) | 390575.06 |
| 3816203.38 | 5.41139    | (18091707) |            |           |
| 390574.28  | 3816226.85 | 5.52067    | (18091707) | 389262.52 |
| 3815880.15 | 3.16472    | (18091707) |            |           |
| 389273.91  | 3815859.73 | 2.94834    | (18091707) | 389285.31 |
| 3815839.31 | 2.73605    | (19120409) |            |           |
| 389296.71  | 3815818.89 | 2.83774    | (19120409) | 389308.10 |
| 3815798.47 | 2.93772    | (19120409) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389319.50  | 3815778.05 | 3.03552    | (19120409) | 389330.90 |
| 3815757.64 | 3.13059    | (19120409) |            |           |
| 389342.30  | 3815737.22 | 3.22253    | (19120409) | 389353.69 |
| 3815716.80 | 3.31078    | (19120409) |            |           |
| 389365.09  | 3815696.38 | 3.39488    | (19120409) | 389376.49 |
| 3815675.96 | 3.47432    | (19120409) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 723

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 389387.88   | 3815655.55  | 3.54859    | (19120409) | 389399.28   |
| 3815635.13  | 3.61731     | (19120409) |            |             |
| 389410.68   | 3815614.71  | 3.68001    | (19120409) | 389422.07   |
| 3815594.29  | 3.73626     | (19120409) |            |             |
| 389433.47   | 3815573.87  | 3.78570    | (19120409) | 389444.87   |
| 3815553.45  | 3.82797     | (19120409) |            |             |
| 389456.27   | 3815533.04  | 3.86273    | (19120409) | 389467.66   |
| 3815512.62  | 3.88974     | (19120409) |            |             |
| 389479.06   | 3815492.20  | 3.90878    | (19120409) | 389490.46   |
| 3815471.78  | 3.91965     | (19120409) |            |             |
| 389501.85   | 3815451.36  | 3.92221    | (19120409) | 389513.25   |
| 3815430.94  | 3.91640     | (19120409) |            |             |
| 389524.65   | 3815410.53  | 3.90220    | (19120409) | 389536.04   |
| 3815390.11  | 3.87961     | (19120409) |            |             |
| 389547.44   | 3815369.69  | 3.84873    | (19120409) | 389558.84   |
| 3815349.27  | 3.80970     | (19120409) |            |             |
| 389570.24   | 3815328.85  | 3.76270    | (19120409) | 389581.63   |
| 3815308.43  | 3.70798     | (19120409) |            |             |
| 389593.03   | 3815288.02  | 3.64586    | (19120409) | 389604.43   |
| 3815267.60  | 3.57663     | (19120409) |            |             |
| 389615.82   | 3815247.18  | 3.50069    | (19120409) | 389627.22   |
| 3815226.76  | 3.41848     | (19120409) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389638.62  | 3815206.34         | 3.33045 | (19120409) | 389650.01 |
| 3815185.92 | 3.23711 (19120409) |         |            |           |
| 389661.41  | 3815165.51         | 3.13902 | (19120409) | 389672.81 |
| 3815145.09 | 3.03663 (19120409) |         |            |           |
| 389684.21  | 3815124.67         | 2.93056 | (19120409) | 389695.60 |
| 3815104.25 | 2.82139 (19120409) |         |            |           |
| 389707.00  | 3815083.83         | 2.70968 | (19120409) | 389718.40 |
| 3815063.41 | 2.59603 (19120409) |         |            |           |
| 389729.79  | 3815043.00         | 2.48108 | (19120409) | 389741.19 |
| 3815022.58 | 2.49684 (18021108) |         |            |           |
| 389752.59  | 3815002.16         | 2.51897 | (18021108) | 389763.98 |
| 3814981.74 | 2.53533 (18021108) |         |            |           |
| 389775.38  | 3814961.32         | 2.53838 | (18021108) | 389786.78 |
| 3814940.90 | 2.53110 (18021108) |         |            |           |
| 389798.18  | 3814920.49         | 2.51572 | (18021108) | 389809.57 |
| 3814900.07 | 2.48803 (18021108) |         |            |           |
| 389820.97  | 3814879.65         | 2.45076 | (19083007) | 389832.37 |
| 3814859.23 | 2.45248 (19083007) |         |            |           |
| 389843.76  | 3814838.81         | 2.45136 | (19083007) | 389855.16 |
| 3814818.39 | 2.45773 (20090918) |         |            |           |
| 389866.56  | 3814797.98         | 2.47671 | (20090918) | 389877.95 |
| 3814777.56 | 2.47924 (20090918) |         |            |           |
| 389889.35  | 3814757.14         | 2.43876 | (20090918) | 389900.75 |
| 3814736.72 | 2.40338 (19083007) |         |            |           |
| 389912.15  | 3814716.30         | 2.38544 | (19083007) | 389923.54 |
| 3814695.88 | 2.36481 (19083007) |         |            |           |
| 389934.94  | 3814675.47         | 2.34157 | (19083007) | 389946.34 |
| 3814655.05 | 2.31574 (19083007) |         |            |           |
| 389957.73  | 3814634.63         | 2.28743 | (19083007) | 389969.13 |
| 3814614.21 | 2.26908 (17043007) |         |            |           |
| 389980.53  | 3814593.79         | 2.25693 | (17043007) | 389991.92 |
| 3814573.37 | 2.24212 (17043007) |         |            |           |
| 390003.32  | 3814552.96         | 2.22473 | (17043007) | 390014.72 |
| 3814532.54 | 2.20477 (17043007) |         |            |           |
| 390026.12  | 3814512.12         | 2.18233 | (17043007) | 390037.51 |
| 3814491.70 | 2.15746 (17043007) |         |            |           |
| 390048.91  | 3814471.28         | 2.15478 | (18012718) | 390060.31 |
| 3814450.86 | 2.21561 (19090807) |         |            |           |
| 390071.70  | 3814430.45         | 2.30027 | (19090807) | 390083.10 |
| 3814410.03 | 2.37566 (19090807) |         |            |           |
| 390094.50  | 3814389.61         | 2.43783 | (19090807) | 390105.89 |
| 3814369.19 | 2.48227 (19090807) |         |            |           |
| 390117.29  | 3814348.77         | 2.50470 | (19090807) | 390128.69 |
| 3814328.35 | 2.51260 (19090807) |         |            |           |
| 390140.09  | 3814307.94         | 2.51622 | (19090807) | 390151.48 |
| 3814287.52 | 2.50408 (19090807) |         |            |           |
| 390162.88  | 3814267.10         | 2.47887 | (19090807) | 390174.28 |
| 3814246.68 | 2.44322 (19090807) |         |            |           |
| 390185.67  | 3814226.26         | 2.45041 | (18121116) | 390197.07 |
| 3814205.84 | 2.44717 (18121116) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390208.47  | 3814185.43 | 2.42540    | (18121116) | 390219.86 |
| 3814165.01 | 2.38540    | (18121116) |            |           |
| 390231.26  | 3814144.59 | 2.33271    | (18121116) | 390242.66 |
| 3814124.17 | 2.26950    | (19031108) |            |           |
| 390254.06  | 3814103.75 | 2.28693    | (19031108) | 390265.45 |
| 3814083.33 | 2.30161    | (19031108) |            |           |
| 390276.85  | 3814062.92 | 2.31351    | (19031108) | 390288.25 |
| 3814042.50 | 2.32256    | (19031108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 724

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 390299.64   | 3814022.08  | 2.32874    | (19031108) | 390311.04   |
| 3814001.66  | 2.33202     | (19031108) |            |             |
| 390322.44   | 3813981.24  | 2.33238    | (19031108) | 390333.83   |
| 3813960.82  | 2.32983     | (19031108) |            |             |
| 390345.23   | 3813940.41  | 2.32437    | (19031108) | 390356.63   |
| 3813919.99  | 2.31602     | (19031108) |            |             |
| 390368.03   | 3813899.57  | 2.32778    | (20041007) | 390379.42   |
| 3813879.15  | 2.35980     | (20041007) |            |             |
| 390390.82   | 3813858.73  | 2.37859    | (20041007) | 390402.22   |
| 3813838.31  | 2.38203     | (20041007) |            |             |
| 390413.61   | 3813817.90  | 2.37105    | (20041007) | 390425.01   |
| 3813797.48  | 2.34664     | (20041007) |            |             |
| 390436.41   | 3813777.06  | 2.30989    | (20041007) | 390447.80   |
| 3813756.64  | 2.28880     | (16122516) |            |             |
| 390459.20   | 3813736.22  | 2.33356    | (16122516) | 390470.60   |
| 3813715.80  | 2.36398     | (16122516) |            |             |
| 390482.00   | 3813695.39  | 2.38033    | (16122516) | 390493.39   |
| 3813674.97  | 2.38387     | (16122516) |            |             |
| 390504.79   | 3813654.55  | 2.37270    | (16122516) | 390516.19   |
| 3813634.13  | 2.34672     | (16122516) |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3813593.29 | 390527.58 | 3813613.71          | 2.31100  | (16122516) | 390538.98 |
|            |           | 2.32827 (19102117)  |          |            |           |
|            | 390550.38 | 3813572.88          | 2.44761  | (19102117) | 390561.77 |
| 3813552.46 |           | 2.54469 (19102117)  |          |            |           |
|            | 390573.17 | 3813532.04          | 2.59058  | (19102117) | 390584.57 |
| 3813511.62 |           | 2.59654 (19102117)  |          |            |           |
|            | 390595.97 | 3813491.20          | 2.62401  | (19102117) | 390607.36 |
| 3813470.78 |           | 2.62467 (19102117)  |          |            |           |
|            | 390618.76 | 3813450.37          | 2.59419  | (19102117) | 390630.16 |
| 3813429.95 |           | 2.61572 (19020717)  |          |            |           |
|            | 390641.55 | 3813409.53          | 2.64600  | (19020717) | 390652.95 |
| 3813389.11 |           | 2.62614 (19020717)  |          |            |           |
|            | 390664.35 | 3813368.69          | 2.59654  | (19020717) | 390675.75 |
| 3813348.27 |           | 2.56877 (19020717)  |          |            |           |
|            | 390687.14 | 3813327.86          | 2.54862  | (19020717) | 390698.54 |
| 3813307.44 |           | 2.56249 (19020717)  |          |            |           |
|            | 390709.94 | 3813287.02          | 2.57618  | (19020717) | 390721.33 |
| 3813266.60 |           | 2.59785 (19020717)  |          |            |           |
|            | 390732.73 | 3813246.18          | 2.60852  | (19020717) | 390744.13 |
| 3813225.76 |           | 2.60830 (19020717)  |          |            |           |
|            | 390755.52 | 3813205.35          | 2.78226  | (17041018) | 390766.92 |
| 3813184.93 |           | 3.44463 (17041018)  |          |            |           |
|            | 390778.32 | 3813164.51          | 4.10355  | (17041018) | 390789.72 |
| 3813144.09 |           | 5.10479 (17041018)  |          |            |           |
|            | 390801.11 | 3813123.67          | 6.52585  | (17041018) | 390812.51 |
| 3813103.26 |           | 8.26928 (17041018)  |          |            |           |
|            | 390823.91 | 3813082.84          | 10.34898 | (17041018) | 390835.30 |
| 3813062.42 |           | 15.25764 (20031123) |          |            |           |
|            | 390846.70 | 3813042.00          | 21.86923 | (20031123) | 390858.10 |
| 3813021.58 |           | 27.25913 (20031123) |          |            |           |
|            | 390869.49 | 3813001.16          | 30.57890 | (20031123) | 390880.89 |
| 3812980.75 |           | 36.09965 (16091003) |          |            |           |
|            | 390892.29 | 3812960.33          | 40.91047 | (16091003) | 390903.69 |
| 3812939.91 |           | 45.41379 (16091003) |          |            |           |
|            | 390915.08 | 3812919.49          | 48.05219 | (16091003) | 390926.48 |
| 3812899.07 |           | 47.93276 (16091003) |          |            |           |
|            | 390937.88 | 3812878.65          | 50.01797 | (19013104) | 390949.27 |
| 3812858.24 |           | 55.13021 (19013104) |          |            |           |
|            | 390960.67 | 3812837.82          | 59.23214 | (19013104) | 390972.07 |
| 3812817.40 |           | 63.01515 (19013104) |          |            |           |
|            | 390983.46 | 3812796.98          | 65.69250 | (19013104) | 390994.86 |
| 3812776.56 |           | 66.74384 (19013104) |          |            |           |
|            | 391006.26 | 3812756.14          | 66.03457 | (19013104) | 391017.66 |
| 3812735.73 |           | 63.18760 (19013104) |          |            |           |
|            | 391029.05 | 3812715.31          | 59.19458 | (19013104) | 391040.45 |
| 3812694.89 |           | 61.79311 (17010807) |          |            |           |
|            | 391051.85 | 3812674.47          | 66.07165 | (17010807) | 391063.24 |
| 3812654.05 |           | 69.16737 (17010807) |          |            |           |
|            | 391074.64 | 3812633.63          | 70.90404 | (17010807) | 391086.04 |
| 3812613.22 |           | 71.18279 (17010807) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391097.43  | 3812592.80 | 67.19830   | (17010807) | 391108.83 |
| 3812572.38 | 59.65886   | (17010807) |            |           |
| 391120.23  | 3812551.96 | 50.71870   | (18030506) | 391131.63 |
| 3812531.54 | 45.45055   | (18030506) |            |           |
| 391143.02  | 3812511.12 | 43.59120   | (18030506) | 391154.42 |
| 3812490.71 | 44.25303   | (18030506) |            |           |
| 391165.82  | 3812470.29 | 49.22072   | (18030506) | 391177.21 |
| 3812449.87 | 52.58686   | (18030506) |            |           |
| 391188.61  | 3812429.45 | 54.07882   | (18010221) | 391200.01 |
| 3812409.03 | 57.24125   | (18010221) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 725

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 391211.40   | 3812388.61  | 59.39478   | (18010221) | 391222.80   |
| 3812368.20  | 60.42553    | (18010221) |            |             |
| 391234.20   | 3812347.78  | 62.89206   | (18032807) | 391245.60   |
| 3812327.36  | 66.91314    | (18032807) |            |             |
| 391256.99   | 3812306.94  | 69.81562   | (18032807) | 391268.39   |
| 3812286.52  | 71.44948    | (18032807) |            |             |
| 391279.79   | 3812266.10  | 71.73104   | (18032807) | 391291.18   |
| 3812245.69  | 70.65573    | (18032807) |            |             |
| 391302.58   | 3812225.27  | 68.29298   | (18032807) | 391313.98   |
| 3812204.85  | 60.41738    | (18032807) |            |             |
| 391325.37   | 3812184.43  | 48.19928   | (18032807) | 391336.77   |
| 3812164.01  | 37.97310    | (17122507) |            |             |
| 391348.17   | 3812143.59  | 32.45952   | (17122507) | 391359.57   |
| 3812123.18  | 28.09837    | (17122507) |            |             |
| 391370.96   | 3812102.76  | 25.93846   | (16110418) | 391382.36   |
| 3812082.34  | 25.07286    | (16110418) |            |             |
| 391393.76   | 3812061.92  | 22.42108   | (16110418) | 391405.15   |
| 3812041.50  | 19.64875    | (16110418) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3812000.67 | 391416.55 | 3812021.08 | 15.62383 | (16110418) | 391427.95 |
|            |           | 12.70559   |          | (16110418) |           |
| 3811959.83 | 391439.34 | 3811980.25 | 10.75111 | (16110418) | 391450.74 |
|            |           | 9.26877    |          | (16110418) |           |
| 3811918.99 | 391462.14 | 3811939.41 | 8.24213  | (19021306) | 391473.54 |
|            |           | 7.48231    |          | (19021306) |           |
| 3811878.16 | 391484.93 | 3811898.57 | 7.20702  | (19021306) | 391496.33 |
|            |           | 8.23001    |          | (19021306) |           |
| 3811837.32 | 391507.73 | 3811857.74 | 9.33065  | (16122121) | 391519.12 |
|            |           | 9.11632    |          | (16122121) |           |
| 3811796.48 | 391530.52 | 3811816.90 | 7.60774  | (20053106) | 391541.92 |
|            |           | 7.03738    |          | (20053106) |           |
| 3811753.07 | 391553.31 | 3811776.06 | 6.76710  | (20053106) | 391587.95 |
|            |           | 7.20333    |          | (20053106) |           |
| 3811747.91 | 391611.19 | 3811750.49 | 7.30066  | (20053106) | 391634.44 |
|            |           | 7.25318    |          | (20053106) |           |
| 3811742.76 | 391657.68 | 3811745.34 | 6.90189  | (20053106) | 391680.92 |
|            |           | 6.50377    |          | (20053106) |           |
| 3811737.61 | 391704.16 | 3811740.18 | 6.52878  | (20053106) | 391727.40 |
|            |           | 6.76204    |          | (20053106) |           |
| 3811732.45 | 391750.64 | 3811735.03 | 7.21450  | (20053106) | 391773.88 |
|            |           | 8.90308    |          | (17021606) |           |
| 3811727.30 | 391797.12 | 3811729.87 | 11.32173 | (17021606) | 391820.37 |
|            |           | 12.50735   |          | (17051823) |           |
| 3811722.14 | 391843.61 | 3811724.72 | 12.84668 | (17051823) | 391866.85 |
|            |           | 12.20410   |          | (17051823) |           |
| 3811716.99 | 391890.09 | 3811719.57 | 11.19607 | (17051823) | 391913.33 |
|            |           | 10.48087   |          | (17051823) |           |
| 3811711.83 | 391936.57 | 3811714.41 | 11.47241 | (20121922) | 391959.81 |
|            |           | 12.92060   |          | (20121922) |           |
| 3811706.68 | 391983.06 | 3811709.26 | 14.32861 | (20121922) | 392006.30 |
|            |           | 15.62088   |          | (20121922) |           |
| 3811701.53 | 392029.54 | 3811704.10 | 16.72670 | (20121922) | 392052.78 |
|            |           | 17.76772   |          | (20121922) |           |
| 3811696.37 | 392076.02 | 3811698.95 | 18.53216 | (20121922) | 392099.26 |
|            |           | 19.00085   |          | (20121922) |           |
| 3811691.22 | 392122.50 | 3811693.80 | 19.13323 | (20121922) | 392145.74 |
|            |           | 19.56895   |          | (16011701) |           |
| 3811686.06 | 392168.99 | 3811688.64 | 19.74512 | (16011701) | 392192.23 |
|            |           | 20.33653   |          | (16011701) |           |
| 3811680.91 | 392215.47 | 3811683.49 | 20.74159 | (16011701) | 392238.71 |
|            |           | 21.80666   |          | (18092722) |           |
| 3811675.76 | 392261.95 | 3811678.33 | 23.10506 | (18092722) | 392285.19 |
|            |           | 25.08813   |          | (18092722) |           |
| 3811670.60 | 392308.43 | 3811673.18 | 26.89430 | (18092722) | 392331.67 |
|            |           | 27.86336   |          | (18092722) |           |
| 3811665.45 | 392354.92 | 3811668.02 | 28.26513 | (19112417) | 392378.16 |
|            |           | 29.50781   |          | (20021206) |           |
| 3811660.29 | 392401.40 | 3811662.87 | 30.57401 | (20021206) | 392424.64 |
|            |           | 31.79453   |          | (20021206) |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392447.88  | 3811657.72 | 33.48312   | (20021206) | 392471.12 |
| 3811655.14 | 34.65216   | (20021206) |            |           |
| 392494.36  | 3811652.56 | 34.67900   | (20021206) | 392517.61 |
| 3811649.98 | 36.84345   | (20013022) |            |           |
| 392540.85  | 3811647.41 | 39.00374   | (20013022) | 392564.09 |
| 3811644.83 | 40.22686   | (20013022) |            |           |
| 392587.33  | 3811642.25 | 40.18135   | (20013022) | 392610.57 |
| 3811639.68 | 40.60934   | (18120918) |            |           |
| 392633.81  | 3811637.10 | 42.16629   | (18120918) | 392657.05 |
| 3811634.52 | 43.34308   | (18120918) |            |           |
| 392680.29  | 3811631.94 | 45.36278   | (18120308) | 392703.54 |
| 3811629.37 | 49.59874   | (18120308) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 726

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392726.78   | 3811626.79  | 53.90428   | (18120308) | 392750.02   |
| 3811624.21  | 58.23376    | (18120308) |            |             |
| 392773.26   | 3811621.64  | 59.70457   | (18120308) | 392796.50   |
| 3811619.06  | 59.66677    | (18120308) |            |             |
| 392819.74   | 3811616.48  | 59.60457   | (18120308) | 392842.98   |
| 3811613.90  | 62.32937    | (20010220) |            |             |
| 392866.22   | 3811611.33  | 63.93623   | (20010220) | 392889.47   |
| 3811608.75  | 69.23081    | (17123103) |            |             |
| 392912.71   | 3811606.17  | 73.89118   | (17123103) | 392935.95   |
| 3811603.60  | 74.95510    | (17123103) |            |             |
| 392959.19   | 3811601.02  | 74.37218   | (17123103) | 392982.43   |
| 3811598.44  | 72.17005    | (17123103) |            |             |
| 393005.67   | 3811595.86  | 68.48215   | (17123103) | 393028.91   |
| 3811593.29  | 63.53530    | (17123103) |            |             |
| 393052.15   | 3811590.71  | 64.64381   | (17102717) | 393075.40   |
| 3811588.13  | 68.60156    | (17102717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393098.64  | 3811585.56 | 71.17070   | (17102717) | 393121.88 |
| 3811582.98 | 72.17509   | (17102717) |            |           |
| 393145.12  | 3811580.40 | 71.53740   | (17102717) | 393168.36 |
| 3811577.82 | 69.29171   | (17102717) |            |           |
| 393191.60  | 3811575.25 | 65.58118   | (17102717) | 393214.84 |
| 3811572.67 | 63.97632   | (19020706) |            |           |
| 393238.09  | 3811570.09 | 69.34739   | (19020706) | 393261.33 |
| 3811567.52 | 73.43875   | (19020706) |            |           |
| 393284.57  | 3811564.94 | 75.97593   | (19020706) | 393307.81 |
| 3811562.36 | 76.77657   | (19020706) |            |           |
| 393331.05  | 3811559.79 | 75.77659   | (19020706) | 393354.29 |
| 3811557.21 | 73.03657   | (19020706) |            |           |
| 393377.53  | 3811554.63 | 68.73762   | (19020706) | 393400.77 |
| 3811552.05 | 67.43186   | (17021124) |            |           |
| 393424.02  | 3811549.48 | 72.76108   | (17021124) | 393447.26 |
| 3811546.90 | 76.65362   | (17021124) |            |           |
| 393470.50  | 3811544.32 | 78.83784   | (17021124) | 393493.74 |
| 3811541.75 | 79.15229   | (17021124) |            |           |
| 393516.98  | 3811539.17 | 77.56639   | (17021124) | 393540.22 |
| 3811536.59 | 74.18591   | (17021124) |            |           |
| 393563.46  | 3811534.01 | 69.24098   | (17021124) | 393586.70 |
| 3811531.44 | 69.15221   | (20031204) |            |           |
| 393609.95  | 3811528.86 | 67.46107   | (20031204) | 393633.19 |
| 3811526.28 | 64.21348   | (20031204) |            |           |
| 393656.43  | 3811523.71 | 64.90022   | (16102920) | 393679.67 |
| 3811521.13 | 70.91413   | (16102920) |            |           |
| 393702.91  | 3811518.55 | 75.59775   | (16102920) | 393726.15 |
| 3811515.97 | 78.62187   | (16102920) |            |           |
| 393749.39  | 3811513.40 | 79.76388   | (16102920) | 393772.64 |
| 3811510.82 | 78.93349   | (16102920) |            |           |
| 393795.88  | 3811508.24 | 76.58836   | (16040119) | 393819.12 |
| 3811505.67 | 79.22106   | (16040119) |            |           |
| 393842.36  | 3811503.09 | 79.92056   | (16040119) | 393865.60 |
| 3811500.51 | 77.51388   | (16040119) |            |           |
| 393888.84  | 3811497.93 | 72.53280   | (16040119) | 393912.08 |
| 3811495.36 | 66.67463   | (16040119) |            |           |
| 393935.32  | 3811492.78 | 61.68222   | (16010219) | 393958.57 |
| 3811490.20 | 65.29530   | (16010219) |            |           |
| 393981.81  | 3811487.63 | 67.84417   | (16010219) | 394005.05 |
| 3811485.05 | 69.41538   | (16010219) |            |           |
| 394028.29  | 3811482.47 | 69.68585   | (16010219) | 394051.53 |
| 3811479.89 | 66.30788   | (16010219) |            |           |
| 394074.77  | 3811477.32 | 61.35815   | (16010219) | 394098.01 |
| 3811474.74 | 58.53228   | (17012519) |            |           |
| 394121.25  | 3811472.16 | 62.83989   | (17012519) | 394144.50 |
| 3811469.59 | 64.21406   | (17012519) |            |           |
| 394167.74  | 3811467.01 | 62.71430   | (17012519) | 394190.98 |
| 3811464.43 | 62.86583   | (17012519) |            |           |
| 394214.22  | 3811461.85 | 63.49737   | (17012519) | 394237.46 |
| 3811459.28 | 58.86337   | (17012519) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394260.70  | 3811456.70 | 55.17732   | (17012519) | 394283.94 |
| 3811454.12 | 58.43647   | (17121817) |            |           |
| 394307.19  | 3811451.55 | 67.11253   | (17121817) | 394330.43 |
| 3811448.97 | 73.91560   | (17121817) |            |           |
| 394353.67  | 3811446.39 | 80.33702   | (17121817) | 394795.25 |
| 3811397.43 | 62.59097   | (18061202) |            |           |
| 394818.49  | 3811394.85 | 63.74780   | (18061202) | 394841.74 |
| 3811392.27 | 62.76496   | (18061202) |            |           |
| 394864.98  | 3811389.70 | 62.07664   | (20113008) | 394888.22 |
| 3811387.12 | 61.50782   | (20113008) |            |           |
| 394911.46  | 3811384.54 | 60.31330   | (20113008) | 394934.70 |
| 3811381.96 | 58.14506   | (20113008) |            |           |
| 394957.94  | 3811379.39 | 54.61234   | (20113008) | 394981.18 |
| 3811376.81 | 57.34593   | (16010220) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 727

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395004.42   | 3811374.23  | 60.31081   | (16010220) | 395027.67   |
| 3811371.66  | 59.77354    | (16010220) |            |             |
| 395050.91   | 3811369.08  | 54.43357   | (16010220) | 395074.15   |
| 3811366.50  | 52.14368    | (16010220) |            |             |
| 395097.39   | 3811363.92  | 49.74453   | (16010220) | 395120.63   |
| 3811361.35  | 48.80487    | (16010220) |            |             |
| 395143.87   | 3811358.77  | 48.07254   | (16010220) | 395167.11   |
| 3811356.19  | 54.65520    | (16120407) |            |             |
| 395190.35   | 3811353.62  | 61.86836   | (16120407) | 395213.60   |
| 3811351.04  | 68.16508    | (16120407) |            |             |
| 395236.84   | 3811348.46  | 71.24539   | (16120407) | 395260.08   |
| 3811345.88  | 71.06253    | (16120407) |            |             |
| 395283.32   | 3811343.31  | 71.22121   | (16120407) | 395306.56   |
| 3811340.73  | 71.11376    | (16120407) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3811335.58 | 395329.80 | 3811338.15 | 65.39822   | (16120407) | 395353.04 |
|            |           | 58.74054   | (16120407) |            |           |
| 3811330.42 | 395376.29 | 3811333.00 | 55.30247   | (20031107) | 395399.53 |
|            |           | 56.92765   | (20031107) |            |           |
| 3811325.27 | 395422.77 | 3811327.84 | 57.24159   | (20031107) | 395446.01 |
|            |           | 56.22938   | (20031107) |            |           |
| 3811320.11 | 395469.25 | 3811322.69 | 57.52203   | (17031703) | 395492.49 |
|            |           | 59.07845   | (17031703) |            |           |
| 3811314.96 | 395515.73 | 3811317.54 | 59.29089   | (17031703) | 395538.97 |
|            |           | 60.70076   | (16022404) |            |           |
| 3811309.81 | 395562.22 | 3811312.38 | 63.69167   | (16022404) | 395585.46 |
|            |           | 65.31706   | (16022404) |            |           |
| 3811304.65 | 395608.70 | 3811307.23 | 65.97387   | (20021818) | 395631.94 |
|            |           | 70.73249   | (20021818) |            |           |
| 3811299.50 | 395655.18 | 3811302.07 | 74.13704   | (20021818) | 395678.42 |
|            |           | 74.83694   | (20021818) |            |           |
| 3811294.34 | 395701.66 | 3811296.92 | 75.57304   | (20021818) | 395724.90 |
|            |           | 73.65155   | (20021818) |            |           |
| 3811289.19 | 395748.15 | 3811291.77 | 73.49846   | (16010907) | 395771.39 |
|            |           | 75.11572   | (16010907) |            |           |
| 3811284.03 | 395794.63 | 3811286.61 | 75.25753   | (16010907) | 395817.87 |
|            |           | 73.85079   | (16010907) |            |           |
| 3811278.88 | 395841.11 | 3811281.46 | 72.48575   | (18020908) | 395864.35 |
|            |           | 75.05842   | (18020908) |            |           |
| 3811273.73 | 395887.59 | 3811276.30 | 75.66924   | (18020908) | 395910.84 |
|            |           | 74.82473   | (18020908) |            |           |
| 3811268.57 | 395934.08 | 3811271.15 | 71.99830   | (18020908) | 395957.32 |
|            |           | 67.83425   | (18020908) |            |           |
| 3811263.42 | 395980.56 | 3811265.99 | 62.58793   | (18020908) | 396003.80 |
|            |           | 66.82188   | (16012621) |            |           |
| 3811258.26 | 396027.04 | 3811260.84 | 70.31687   | (16012621) | 396050.28 |
|            |           | 72.46991   | (16012621) |            |           |
| 3811253.11 | 396073.52 | 3811255.69 | 73.16191   | (16012621) | 396096.77 |
|            |           | 72.36099   | (16012621) |            |           |
| 3811247.95 | 396120.01 | 3811250.53 | 70.49713   | (18120420) | 396143.25 |
|            |           | 72.91549   | (18120420) |            |           |
| 3811242.80 | 396166.49 | 3811245.38 | 73.90779   | (18120420) | 396189.73 |
|            |           | 73.42615   | (18120420) |            |           |
| 3811237.65 | 396212.97 | 3811240.22 | 71.51127   | (18120420) | 396236.21 |
|            |           | 68.28572   | (18120420) |            |           |
| 3811240.56 | 396259.45 | 3811235.07 | 63.94243   | (18120420) | 389251.12 |
|            |           | 3.38156    | (18091707) |            |           |
| 3811235.51 | 389250.33 | 3811230.04 | 3.62031    | (18091707) | 389249.55 |
|            |           | 3.85578    | (18091707) |            |           |
| 3811230.45 | 389248.76 | 3811225.98 | 4.08541    | (18091707) | 389247.98 |
|            |           | 4.30647    | (18091707) |            |           |
| 3811225.40 | 389247.19 | 3811220.93 | 4.51602    | (18091707) | 389246.40 |
|            |           | 4.71130    | (18091707) |            |           |
| 3811220.34 | 389245.62 | 3811215.87 | 4.88966    | (18091707) | 389244.83 |
|            |           | 5.04862    | (18091707) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389244.05  | 3816111.82 | 5.18645    | (18091707) | 389243.26 |
| 3816135.29 | 5.30485    | (18091707) |            |           |
| 389242.47  | 3816158.76 | 5.39673    | (18091707) | 389241.69 |
| 3816182.23 | 5.45818    | (18091707) |            |           |
| 387929.94  | 3815835.52 | 12.77326   | (19020106) | 387941.35 |
| 3815815.08 | 11.87404   | (19020106) |            |           |
| 387952.75  | 3815794.64 | 10.69097   | (19020106) | 387964.16 |
| 3815774.21 | 9.33036    | (19020106) |            |           |
| 387975.57  | 3815753.77 | 8.16221    | (19020106) | 387986.97 |
| 3815733.34 | 7.18179    | (17122417) |            |           |
| 387998.38  | 3815712.90 | 7.00601    | (17122417) | 388009.79 |
| 3815692.46 | 6.82786    | (17122417) |            |           |
| 388021.19  | 3815672.03 | 6.78973    | (17122417) | 388032.60 |
| 3815651.59 | 6.79997    | (17122417) |            |           |
| 388044.01  | 3815631.16 | 7.09167    | (16012217) | 388055.41 |
| 3815610.72 | 7.37871    | (16012217) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 728

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388066.82   | 3815590.29  | 7.57971    | (16012217) | 388078.23   |
| 3815569.85  | 7.69471     | (16012217) |            |             |
| 388089.63   | 3815549.41  | 7.66769    | (16012217) | 388101.04   |
| 3815528.98  | 7.49452     | (16012217) |            |             |
| 388112.45   | 3815508.54  | 7.57883    | (18091705) | 388123.85   |
| 3815488.11  | 8.00616     | (18091705) |            |             |
| 388135.26   | 3815467.67  | 8.45201    | (18091705) | 388146.67   |
| 3815447.23  | 8.75422     | (18091705) |            |             |
| 388158.07   | 3815426.80  | 9.02139    | (20091204) | 388169.48   |
| 3815406.36  | 9.77171     | (20091204) |            |             |
| 388180.89   | 3815385.93  | 10.38437   | (20091204) | 388192.30   |
| 3815365.49  | 10.97520    | (20091204) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388203.70  | 3815345.06          | 11.50959 | (20091204) | 388215.11 |
| 3815324.62 | 11.89220 (20091204) |          |            |           |
| 388226.52  | 3815304.18          | 12.08295 | (20122517) | 388237.92 |
| 3815283.75 | 12.78116 (20122517) |          |            |           |
| 388249.33  | 3815263.31          | 13.17889 | (20122517) | 388260.74 |
| 3815242.88 | 13.26328 (20122517) |          |            |           |
| 388272.14  | 3815222.44          | 12.81504 | (20122517) | 388283.55 |
| 3815202.00 | 12.01362 (20122517) |          |            |           |
| 388294.96  | 3815181.57          | 12.19550 | (17010723) | 388306.36 |
| 3815161.13 | 12.85379 (17010723) |          |            |           |
| 388317.77  | 3815140.70          | 13.33474 | (17010723) | 388329.18 |
| 3815120.26 | 13.17178 (17010723) |          |            |           |
| 388340.58  | 3815099.83          | 12.88982 | (17010723) | 388351.99 |
| 3815079.39 | 12.62460 (16122303) |          |            |           |
| 388363.40  | 3815058.95          | 12.89943 | (16122303) | 388374.80 |
| 3815038.52 | 13.10235 (16122303) |          |            |           |
| 388386.21  | 3815018.08          | 13.20490 | (16122303) | 388397.62 |
| 3814997.65 | 13.62592 (16122303) |          |            |           |
| 388409.02  | 3814977.21          | 14.96023 | (17022607) | 388420.43 |
| 3814956.77 | 15.91036 (17022607) |          |            |           |
| 388431.84  | 3814936.34          | 16.71838 | (17022607) | 388443.24 |
| 3814915.90 | 18.27816 (17022607) |          |            |           |
| 388454.65  | 3814895.47          | 19.96399 | (17022607) | 388466.06 |
| 3814875.03 | 20.44624 (17022607) |          |            |           |
| 388477.46  | 3814854.60          | 20.36306 | (17022607) | 388488.87 |
| 3814834.16 | 20.16905 (19012207) |          |            |           |
| 388500.28  | 3814813.72          | 20.66816 | (19012207) | 388511.68 |
| 3814793.29 | 21.47308 (19010507) |          |            |           |
| 388523.09  | 3814772.85          | 21.32003 | (19010507) | 388534.50 |
| 3814752.42 | 19.75350 (19010507) |          |            |           |
| 388545.91  | 3814731.98          | 19.08885 | (19010507) | 388557.31 |
| 3814711.55 | 20.03914 (19010507) |          |            |           |
| 388568.72  | 3814691.11          | 20.94086 | (19010507) | 388580.13 |
| 3814670.67 | 20.15330 (19010507) |          |            |           |
| 388591.53  | 3814650.24          | 19.69360 | (16103004) | 388602.94 |
| 3814629.80 | 21.90552 (16103004) |          |            |           |
| 388614.35  | 3814609.37          | 23.53910 | (16103004) | 388625.75 |
| 3814588.93 | 22.00115 (16103004) |          |            |           |
| 388637.16  | 3814568.49          | 20.88370 | (16103004) | 388648.57 |
| 3814548.06 | 20.97666 (16103004) |          |            |           |
| 388659.97  | 3814527.62          | 19.44903 | (16103004) | 388671.38 |
| 3814507.19 | 19.30705 (19091724) |          |            |           |
| 388682.79  | 3814486.75          | 19.61868 | (19091724) | 388694.19 |
| 3814466.32 | 17.30730 (19091724) |          |            |           |
| 388705.60  | 3814445.88          | 15.94639 | (19122522) | 388717.01 |
| 3814425.44 | 14.97468 (19122522) |          |            |           |
| 388728.41  | 3814405.01          | 14.58111 | (19122522) | 388739.82 |
| 3814384.57 | 14.26699 (19122522) |          |            |           |
| 388751.23  | 3814364.14          | 14.92481 | (19012818) | 388762.63 |
| 3814343.70 | 15.99987 (19012818) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388774.04  | 3814323.26 | 16.14565   | (19012818) | 388785.45 |
| 3814302.83 | 15.61702   | (19012818) |            |           |
| 388796.85  | 3814282.39 | 15.77122   | (20010718) | 388808.26 |
| 3814261.96 | 15.92080   | (20010718) |            |           |
| 388819.67  | 3814241.52 | 17.10037   | (20010718) | 388831.07 |
| 3814221.09 | 19.21700   | (20010718) |            |           |
| 388842.48  | 3814200.65 | 21.66106   | (20010718) | 388853.89 |
| 3814180.21 | 22.57857   | (18012217) |            |           |
| 388865.30  | 3814159.78 | 23.04699   | (18012217) | 388876.70 |
| 3814139.34 | 21.68218   | (18012217) |            |           |
| 388888.11  | 3814118.91 | 19.96091   | (18012217) | 388899.52 |
| 3814098.47 | 18.80025   | (18012217) |            |           |
| 388910.92  | 3814078.03 | 19.84581   | (18012217) | 388922.33 |
| 3814057.60 | 21.69475   | (19091802) |            |           |
| 388933.74  | 3814037.16 | 23.31851   | (19091802) | 388945.14 |
| 3814016.73 | 23.28894   | (19091802) |            |           |
| 388956.55  | 3813996.29 | 21.78577   | (19091802) | 388967.96 |
| 3813975.86 | 19.90972   | (19091802) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 729

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388979.36   | 3813955.42  | 18.96022   | (17092818) | 388990.77   |
| 3813934.98  | 18.36544    | (17092818) |            |             |
| 389002.18   | 3813914.55  | 17.42991   | (17092818) | 389013.58   |
| 3813894.11  | 16.80056    | (17092818) |            |             |
| 389024.99   | 3813873.68  | 16.16383   | (17092818) | 389036.40   |
| 3813853.24  | 15.07823    | (19021101) |            |             |
| 389047.80   | 3813832.80  | 14.77054   | (19021101) | 389059.21   |
| 3813812.37  | 14.07142    | (19021101) |            |             |
| 389070.62   | 3813791.93  | 13.46466   | (20021303) | 389082.02   |
| 3813771.50  | 12.65212    | (20021303) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389093.43  | 3813751.06          | 11.05170 | (20021303) | 389104.84 |
| 3813730.63 | 10.08524 (20021303) |          |            |           |
| 389116.24  | 3813710.19          | 9.47520  | (20021303) | 389127.65 |
| 3813689.75 | 9.73526 (20021303)  |          |            |           |
| 389139.06  | 3813669.32          | 8.74837  | (20021303) | 389150.46 |
| 3813648.88 | 7.67028 (19112605)  |          |            |           |
| 389161.87  | 3813628.45          | 6.22323  | (19072206) | 389173.28 |
| 3813608.01 | 5.65294 (19072206)  |          |            |           |
| 389184.68  | 3813587.57          | 5.17956  | (19072206) | 389196.09 |
| 3813567.14 | 5.07321 (17013117)  |          |            |           |
| 389207.50  | 3813546.70          | 4.98119  | (17013117) | 389218.91 |
| 3813526.27 | 4.87925 (17013117)  |          |            |           |
| 389230.31  | 3813505.83          | 4.87731  | (17013117) | 389241.72 |
| 3813485.40 | 4.66897 (17013117)  |          |            |           |
| 389253.13  | 3813464.96          | 4.42534  | (17013117) | 389264.53 |
| 3813444.52 | 4.30708 (17013117)  |          |            |           |
| 389275.94  | 3813424.09          | 3.95808  | (17013117) | 389287.35 |
| 3813403.65 | 3.57719 (17013117)  |          |            |           |
| 389298.75  | 3813383.22          | 3.36857  | (16112902) | 389310.16 |
| 3813362.78 | 3.31859 (16112902)  |          |            |           |
| 389321.57  | 3813342.34          | 3.26965  | (16112902) | 389332.97 |
| 3813321.91 | 3.01033 (16112902)  |          |            |           |
| 389344.38  | 3813301.47          | 2.86491  | (16112902) | 389355.79 |
| 3813281.04 | 2.71839 (16112902)  |          |            |           |
| 389367.19  | 3813260.60          | 2.46846  | (16112902) | 389378.60 |
| 3813240.17 | 2.39799 (20041007)  |          |            |           |
| 389390.01  | 3813219.73          | 2.37121  | (20041007) | 389401.41 |
| 3813199.29 | 2.30531 (20041007)  |          |            |           |
| 389412.82  | 3813178.86          | 2.24934  | (20041007) | 389424.23 |
| 3813158.42 | 2.18290 (20041007)  |          |            |           |
| 389435.63  | 3813137.99          | 2.20087  | (16122516) | 389447.04 |
| 3813117.55 | 2.23045 (16122516)  |          |            |           |
| 389458.45  | 3813097.11          | 2.24561  | (16122516) | 389469.85 |
| 3813076.68 | 2.24132 (16122516)  |          |            |           |
| 389481.26  | 3813056.24          | 2.23032  | (16122516) | 389492.67 |
| 3813035.81 | 2.20424 (16122516)  |          |            |           |
| 389504.07  | 3813015.37          | 2.16612  | (16122516) | 389515.48 |
| 3812994.94 | 2.12293 (16122516)  |          |            |           |
| 389526.89  | 3812974.50          | 2.06911  | (16122516) | 389538.30 |
| 3812954.06 | 2.01207 (16122516)  |          |            |           |
| 389549.70  | 3812933.63          | 2.02053  | (19102117) | 389561.11 |
| 3812913.19 | 2.01044 (19102117)  |          |            |           |
| 389572.52  | 3812892.76          | 1.99610  | (19102117) | 389583.92 |
| 3812872.32 | 1.97630 (19102117)  |          |            |           |
| 389595.33  | 3812851.88          | 1.96077  | (19102117) | 389606.74 |
| 3812831.45 | 1.94500 (19102117)  |          |            |           |
| 389618.14  | 3812811.01          | 1.92628  | (19102117) | 389629.55 |
| 3812790.58 | 1.90375 (19102117)  |          |            |           |
| 389640.96  | 3812770.14          | 1.87733  | (19102117) | 389652.36 |
| 3812749.71 | 1.91062 (19020717)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389663.77  | 3812729.27 | 1.94195    | (19020717) | 389675.18 |
| 3812708.83 | 1.96255    | (19020717) |            |           |
| 389686.58  | 3812688.40 | 1.97153    | (19020717) | 389697.99 |
| 3812667.96 | 1.98348    | (19020717) |            |           |
| 389709.40  | 3812647.53 | 1.98940    | (19020717) | 389720.80 |
| 3812627.09 | 1.98382    | (19020717) |            |           |
| 389732.21  | 3812606.65 | 1.96772    | (19020717) | 389743.62 |
| 3812586.22 | 1.94309    | (19020717) |            |           |
| 389755.02  | 3812565.78 | 1.91099    | (19020717) | 389766.43 |
| 3812545.35 | 1.87212    | (19020717) |            |           |
| 389777.84  | 3812524.91 | 1.82704    | (19020717) | 389789.24 |
| 3812504.48 | 1.77714    | (19020717) |            |           |
| 389800.65  | 3812484.04 | 1.72257    | (19020717) | 389812.06 |
| 3812463.60 | 1.68867    | (20090907) |            |           |
| 389823.46  | 3812443.17 | 1.67300    | (20090907) | 389834.87 |
| 3812422.73 | 1.69555    | (16121716) |            |           |
| 389846.28  | 3812402.30 | 1.76625    | (16121716) | 389857.68 |
| 3812381.86 | 1.84209    | (16121716) |            |           |
| 389869.09  | 3812361.42 | 1.89008    | (16121716) | 389880.50 |
| 3812340.99 | 1.93130    | (16121716) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 730

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389891.91   | 3812320.55  | 1.95768    | (16121716) | 389903.31   |
| 3812300.12  | 1.97477     | (16121716) |            |             |
| 389914.72   | 3812279.68  | 1.98624    | (16121716) | 389926.13   |
| 3812259.25  | 1.99256     | (16121716) |            |             |
| 389937.53   | 3812238.81  | 1.99457    | (16121716) | 389948.94   |
| 3812218.37  | 1.98842     | (16121716) |            |             |
| 389960.35   | 3812197.94  | 1.97693    | (16121716) | 389971.75   |
| 3812177.50  | 1.95751     | (16121716) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389983.16  | 3812157.07         | 1.93149 | (16121716) | 389994.57 |
| 3812136.63 | 1.89728 (16121716) |         |            |           |
| 390005.97  | 3812116.19         | 1.85670 | (16121716) | 390017.38 |
| 3812095.76 | 1.84359 (18050318) |         |            |           |
| 390028.79  | 3812075.32         | 1.82591 | (18050318) | 390040.19 |
| 3812054.89 | 1.80292 (18050318) |         |            |           |
| 390051.60  | 3812034.45         | 1.77252 | (18050318) | 390063.01 |
| 3812014.02 | 1.73936 (18050318) |         |            |           |
| 390074.41  | 3811993.58         | 1.70678 | (19121704) | 390085.82 |
| 3811973.14 | 1.70233 (19121704) |         |            |           |
| 390097.23  | 3811952.71         | 1.72419 | (18102117) | 390108.63 |
| 3811932.27 | 1.73761 (18102117) |         |            |           |
| 390120.04  | 3811911.84         | 1.73788 | (18102117) | 390131.45 |
| 3811891.40 | 1.74892 (18102117) |         |            |           |
| 390142.85  | 3811870.96         | 1.77925 | (20022017) | 390154.26 |
| 3811850.53 | 1.82551 (20022017) |         |            |           |
| 390165.67  | 3811830.09         | 1.86645 | (20022017) | 390177.07 |
| 3811809.66 | 1.90418 (18120709) |         |            |           |
| 390188.48  | 3811789.22         | 1.95715 | (18120709) | 390199.89 |
| 3811768.79 | 2.00826 (18120709) |         |            |           |
| 390211.30  | 3811748.35         | 2.05735 | (18120709) | 390222.70 |
| 3811727.91 | 2.10420 (18120709) |         |            |           |
| 390234.11  | 3811707.48         | 2.14864 | (18120709) | 390245.52 |
| 3811687.04 | 2.19051 (18120709) |         |            |           |
| 390256.92  | 3811666.61         | 2.22960 | (18120709) | 390268.33 |
| 3811646.17 | 2.26582 (18120709) |         |            |           |
| 390279.74  | 3811625.73         | 2.29899 | (18120709) | 390291.14 |
| 3811605.30 | 2.32896 (18120709) |         |            |           |
| 390302.55  | 3811584.86         | 2.35568 | (18120709) | 390313.96 |
| 3811564.43 | 2.37900 (18120709) |         |            |           |
| 390325.36  | 3811543.99         | 2.39884 | (18120709) | 390336.77 |
| 3811523.56 | 2.41516 (18120709) |         |            |           |
| 390348.18  | 3811503.12         | 2.42789 | (18120709) | 390359.58 |
| 3811482.68 | 2.43699 (18120709) |         |            |           |
| 390370.99  | 3811462.25         | 2.44246 | (18120709) | 390382.40 |
| 3811441.81 | 2.44428 (18120709) |         |            |           |
| 390393.80  | 3811421.38         | 2.44246 | (18120709) | 390405.21 |
| 3811400.94 | 2.43705 (18120709) |         |            |           |
| 390416.62  | 3811380.51         | 2.42808 | (18120709) | 390428.02 |
| 3811360.07 | 2.49425 (17092519) |         |            |           |
| 390439.43  | 3811339.63         | 2.62827 | (17092519) | 390450.84 |
| 3811319.20 | 2.75438 (17092519) |         |            |           |
| 390462.24  | 3811298.76         | 2.80228 | (17092519) | 390473.65 |
| 3811278.33 | 2.79531 (17092519) |         |            |           |
| 390485.06  | 3811257.89         | 2.75420 | (17092519) | 390496.46 |
| 3811237.45 | 2.70982 (20040904) |         |            |           |
| 390507.87  | 3811217.02         | 2.77635 | (20040904) | 390519.28 |
| 3811196.58 | 2.85246 (20040904) |         |            |           |
| 390530.69  | 3811176.15         | 2.92424 | (20040904) | 390542.09 |
| 3811155.71 | 2.98320 (20040904) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390553.50  | 3811135.28         | 3.02328 | (20040904) | 390564.91 |
| 3811114.84 | 3.05641 (19102119) |         |            |           |
| 390576.31  | 3811094.40         | 3.12823 | (16020920) | 390587.72 |
| 3811073.97 | 3.18822 (16020920) |         |            |           |
| 390599.13  | 3811053.53         | 3.20612 | (16020920) | 390610.53 |
| 3811033.10 | 3.25202 (16020920) |         |            |           |
| 390621.94  | 3811012.66         | 3.31920 | (16020920) | 390633.35 |
| 3810992.22 | 3.40086 (16020920) |         |            |           |
| 390644.75  | 3810971.79         | 3.47958 | (16020920) | 390656.16 |
| 3810951.35 | 3.52335 (16020920) |         |            |           |
| 390667.57  | 3810930.92         | 3.58751 | (16020920) | 390678.97 |
| 3810910.48 | 3.74178 (16020920) |         |            |           |
| 390690.38  | 3810890.05         | 3.94168 | (16020920) | 390701.79 |
| 3810869.61 | 4.21204 (16020920) |         |            |           |
| 390713.19  | 3810849.17         | 4.54001 | (16012620) | 390724.60 |
| 3810828.74 | 4.89641 (20053106) |         |            |           |
| 390736.01  | 3810808.30         | 5.07000 | (20053106) | 390747.41 |
| 3810787.87 | 5.17640 (20053106) |         |            |           |
| 390758.82  | 3810767.43         | 5.28758 | (20053106) | 390770.23 |
| 3810746.99 | 5.52001 (20053106) |         |            |           |
| 390781.63  | 3810726.56         | 5.83155 | (20053106) | 390793.04 |
| 3810706.12 | 6.18952 (20053106) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 731

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390804.45   | 3810685.69         | 6.69732    | (20053106) | 390815.85   |
| 3810665.25  | 7.20580 (20053106) |            |            |             |
| 390850.52   | 3810642.24         | 7.74423    | (20040905) | 390873.78   |
| 3810639.66  | 7.40943 (20040905) |            |            |             |
| 390897.04   | 3810637.08         | 7.43187    | (20040905) | 390920.31   |
| 3810634.50  | 7.55829 (17021606) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390943.57  | 3810631.92          | 8.13646  | (17021606) | 390966.83 |
| 3810629.34 | 8.85243 (17021606)  |          |            |           |
| 390990.09  | 3810626.76          | 9.16527  | (17021606) | 391013.35 |
| 3810624.18 | 8.66688 (17021606)  |          |            |           |
| 391036.61  | 3810621.60          | 8.18641  | (17021606) | 391059.87 |
| 3810619.02 | 8.08520 (17021606)  |          |            |           |
| 391083.13  | 3810616.44          | 7.18895  | (17021606) | 391106.40 |
| 3810613.86 | 7.22132 (17051823)  |          |            |           |
| 391129.66  | 3810611.28          | 7.87506  | (17051823) | 391152.92 |
| 3810608.70 | 8.26875 (17051823)  |          |            |           |
| 391176.18  | 3810606.13          | 8.85497  | (17051823) | 391199.44 |
| 3810603.55 | 9.62366 (17051823)  |          |            |           |
| 391222.70  | 3810600.97          | 12.08064 | (20121922) | 391245.96 |
| 3810598.39 | 16.17974 (20121922) |          |            |           |
| 391269.22  | 3810595.81          | 22.19469 | (20121922) | 391292.49 |
| 3810593.23 | 29.43038 (20121922) |          |            |           |
| 391315.75  | 3810590.65          | 36.95954 | (20121922) | 391339.01 |
| 3810588.07 | 44.70078 (20121922) |          |            |           |
| 391362.27  | 3810585.49          | 51.99478 | (20121922) | 391385.53 |
| 3810582.91 | 54.42393 (20121922) |          |            |           |
| 391408.79  | 3810580.33          | 53.96392 | (20121922) | 391432.05 |
| 3810577.75 | 52.85392 (20121922) |          |            |           |
| 391455.31  | 3810575.17          | 51.12931 | (20121922) | 391478.58 |
| 3810572.59 | 48.84623 (20121922) |          |            |           |
| 391501.84  | 3810570.01          | 46.08234 | (20121922) | 391525.10 |
| 3810567.44 | 42.92793 (20121922) |          |            |           |
| 391548.36  | 3810564.86          | 41.59404 | (16011701) | 391571.62 |
| 3810562.28 | 40.52456 (18092722) |          |            |           |
| 391594.88  | 3810559.70          | 41.72920 | (18092722) | 391618.14 |
| 3810557.12 | 42.42558 (18092722) |          |            |           |
| 391641.40  | 3810554.54          | 42.58353 | (18092722) | 391664.67 |
| 3810551.96 | 41.96379 (18092722) |          |            |           |
| 391687.93  | 3810549.38          | 40.73013 | (18092722) | 391711.19 |
| 3810546.80 | 39.83165 (18092722) |          |            |           |
| 391734.45  | 3810544.22          | 37.94358 | (18092722) | 391757.71 |
| 3810541.64 | 35.66728 (18092722) |          |            |           |
| 391780.97  | 3810539.06          | 37.04201 | (20021206) | 391804.23 |
| 3810536.48 | 39.06193 (20021206) |          |            |           |
| 391827.49  | 3810533.90          | 40.64817 | (20021206) | 391850.76 |
| 3810531.32 | 41.73699 (20021206) |          |            |           |
| 391874.02  | 3810528.75          | 42.28107 | (20021206) | 391897.28 |
| 3810526.17 | 42.25545 (20021206) |          |            |           |
| 391920.54  | 3810523.59          | 42.34715 | (20013022) | 391943.80 |
| 3810521.01 | 44.24751 (20013022) |          |            |           |
| 391967.06  | 3810518.43          | 45.13377 | (20013022) | 391990.32 |
| 3810515.85 | 44.22903 (20013022) |          |            |           |
| 392013.58  | 3810513.27          | 41.88111 | (20013022) | 392036.85 |
| 3810510.69 | 38.88422 (20013022) |          |            |           |
| 392060.11  | 3810508.11          | 37.61240 | (18120918) | 392083.37 |
| 3810505.53 | 39.14257 (18120918) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392106.63  | 3810502.95 | 38.80006   | (18120918) | 392129.89 |
| 3810500.37 | 40.35727   | (18120918) |            |           |
| 392153.15  | 3810497.79 | 43.69537   | (18120308) | 392176.41 |
| 3810495.21 | 49.13077   | (18120308) |            |           |
| 392199.67  | 3810492.64 | 55.14885   | (18120308) | 392222.94 |
| 3810490.06 | 57.95885   | (18120308) |            |           |
| 392246.20  | 3810487.48 | 58.33703   | (18120308) | 392269.46 |
| 3810484.90 | 57.61087   | (18120308) |            |           |
| 392292.72  | 3810482.32 | 53.22519   | (18120308) | 392315.98 |
| 3810479.74 | 49.26730   | (18120308) |            |           |
| 392339.24  | 3810477.16 | 45.60474   | (20010220) | 392362.50 |
| 3810474.58 | 44.12592   | (20010220) |            |           |
| 392385.76  | 3810472.00 | 43.84269   | (20010220) | 392409.02 |
| 3810469.42 | 45.46098   | (17123103) |            |           |
| 392432.29  | 3810466.84 | 46.84238   | (17123103) | 392455.55 |
| 3810464.26 | 47.80288   | (17123103) |            |           |
| 392478.81  | 3810461.68 | 49.01637   | (17123103) | 392502.07 |
| 3810459.10 | 50.33154   | (17123103) |            |           |
| 392525.33  | 3810456.52 | 51.00739   | (17123103) | 392548.59 |
| 3810453.95 | 50.72776   | (17123103) |            |           |
| 392571.85  | 3810451.37 | 49.58719   | (17123103) | 392595.11 |
| 3810448.79 | 47.39224   | (17123103) |            |           |
| 392618.38  | 3810446.21 | 49.33024   | (17102717) | 392641.64 |
| 3810443.63 | 51.95748   | (17102717) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 732

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392664.90   | 3810441.05  | 53.88393   | (17102717) | 392688.16   |
| 3810438.47  | 55.01934    | (17102717) |            |             |
| 392711.42   | 3810435.89  | 55.30762   | (17102717) | 392734.68   |
| 3810433.31  | 54.73139    | (17102717) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392757.94  | 3810430.73          | 53.31359 | (17102717) | 392781.20 |
| 3810428.15 | 51.11608 (17102717) |          |            |           |
| 392804.47  | 3810425.57          | 48.23378 | (17102717) | 392827.73 |
| 3810422.99 | 49.92388 (19020706) |          |            |           |
| 392850.99  | 3810420.41          | 53.24189 | (19020706) | 392874.25 |
| 3810417.83 | 55.88291 (19020706) |          |            |           |
| 392897.51  | 3810415.26          | 57.72404 | (19020706) | 392920.77 |
| 3810412.68 | 58.67602 (19020706) |          |            |           |
| 392944.03  | 3810410.10          | 58.68962 | (19020706) | 392967.29 |
| 3810407.52 | 57.76043 (19020706) |          |            |           |
| 392990.56  | 3810404.94          | 55.92843 | (19020706) | 393013.82 |
| 3810402.36 | 53.27836 (19020706) |          |            |           |
| 393037.08  | 3810399.78          | 49.92894 | (19020706) | 393060.34 |
| 3810397.20 | 53.06131 (17021124) |          |            |           |
| 393083.60  | 3810394.62          | 56.26165 | (17021124) | 393106.86 |
| 3810392.04 | 58.68486 (17021124) |          |            |           |
| 393130.12  | 3810389.46          | 60.21365 | (17021124) | 393153.38 |
| 3810386.88 | 60.77080 (17021124) |          |            |           |
| 393176.65  | 3810384.30          | 60.32528 | (17021124) | 393199.91 |
| 3810381.72 | 58.89608 (17021124) |          |            |           |
| 393223.17  | 3810379.14          | 56.54993 | (17021124) | 393246.43 |
| 3810376.57 | 53.39692 (17021124) |          |            |           |
| 393269.69  | 3810373.99          | 53.06397 | (20031204) | 393292.95 |
| 3810371.41 | 52.43110 (20031204) |          |            |           |
| 393316.21  | 3810368.83          | 50.94250 | (20031204) | 393339.47 |
| 3810366.25 | 48.66889 (20031204) |          |            |           |
| 393362.74  | 3810363.67          | 48.79638 | (16102920) | 393386.00 |
| 3810361.09 | 52.81282 (16102920) |          |            |           |
| 393409.26  | 3810358.51          | 56.20324 | (16102920) | 393432.52 |
| 3810355.93 | 58.80801 (16102920) |          |            |           |
| 393455.78  | 3810353.35          | 60.49891 | (16102920) | 393479.04 |
| 3810350.77 | 61.18956 (16102920) |          |            |           |
| 393502.30  | 3810348.19          | 60.84270 | (16102920) | 393525.56 |
| 3810345.61 | 59.47353 (16102920) |          |            |           |
| 393548.83  | 3810343.03          | 59.60883 | (16040119) | 393572.09 |
| 3810340.45 | 60.98106 (16040119) |          |            |           |
| 393595.35  | 3810337.88          | 61.32510 | (16040119) | 393618.61 |
| 3810335.30 | 60.62116 (16040119) |          |            |           |
| 393641.87  | 3810332.72          | 58.90313 | (16040119) | 393665.13 |
| 3810330.14 | 56.25559 (16040119) |          |            |           |
| 393688.39  | 3810327.56          | 52.80699 | (16040119) | 393711.65 |
| 3810324.98 | 49.22085 (16010219) |          |            |           |
| 393734.91  | 3810322.40          | 52.39086 | (16010219) | 393758.18 |
| 3810319.82 | 54.81050 (16010219) |          |            |           |
| 393781.44  | 3810317.24          | 56.35696 | (16010219) | 393804.70 |
| 3810314.66 | 56.95173 (16010219) |          |            |           |
| 393827.96  | 3810312.08          | 56.56296 | (16010219) | 393851.22 |
| 3810309.50 | 55.20946 (16010219) |          |            |           |
| 393874.48  | 3810306.92          | 52.95918 | (16010219) | 393897.74 |
| 3810304.34 | 49.92357 (16010219) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393921.00  | 3810301.77 | 52.49274   | (17012519) | 393944.27 |
| 3810299.19 | 56.13111   | (17012519) |            |           |
| 394362.97  | 3810252.76 | 47.71039   | (17121817) | 394386.23 |
| 3810250.18 | 45.75692   | (16012117) |            |           |
| 394409.49  | 3810247.60 | 47.61331   | (16012117) | 394432.75 |
| 3810245.02 | 48.68765   | (16012117) |            |           |
| 394456.01  | 3810242.44 | 52.24465   | (17122407) | 394479.27 |
| 3810239.86 | 55.91472   | (17122407) |            |           |
| 394502.54  | 3810237.28 | 58.80883   | (17122407) | 394525.80 |
| 3810234.70 | 60.78285   | (17122407) |            |           |
| 394549.06  | 3810232.12 | 61.73928   | (17122407) | 394572.32 |
| 3810229.54 | 61.63012   | (17122407) |            |           |
| 394595.58  | 3810226.96 | 60.46225   | (17122407) | 394618.84 |
| 3810224.39 | 58.29690   | (17122407) |            |           |
| 394642.10  | 3810221.81 | 55.24372   | (17122407) | 394665.36 |
| 3810219.23 | 51.45252   | (17122407) |            |           |
| 394688.63  | 3810216.65 | 54.63206   | (18061202) | 394711.89 |
| 3810214.07 | 57.70008   | (18061202) |            |           |
| 394735.15  | 3810211.49 | 59.89592   | (18061202) | 394758.41 |
| 3810208.91 | 61.11166   | (18061202) |            |           |
| 394781.67  | 3810206.33 | 61.28735   | (18061202) | 394804.93 |
| 3810203.75 | 60.41597   | (18061202) |            |           |
| 394828.19  | 3810201.17 | 58.54375   | (18061202) | 394851.45 |
| 3810198.59 | 55.76624   | (18061202) |            |           |
| 394874.72  | 3810196.01 | 55.65622   | (20113008) | 394897.98 |
| 3810193.43 | 55.48719   | (20113008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 733

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394921.24   | 3810190.85  | 54.38291   | (20113008) | 394944.50   |
| 3810188.27  | 52.40096    | (20113008) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394967.76  | 3810185.70          | 49.64096 | (20113008) | 394991.02 |
| 3810183.12 | 50.72888 (16010220) |          |            |           |
| 395014.28  | 3810180.54          | 54.45221 | (16010220) | 395037.54 |
| 3810177.96 | 57.46471 (16010220) |          |            |           |
| 395060.81  | 3810175.38          | 59.62651 | (16010220) | 395084.07 |
| 3810172.80 | 60.83272 (16010220) |          |            |           |
| 395107.33  | 3810170.22          | 61.02736 | (16010220) | 395130.59 |
| 3810167.64 | 60.20364 (16010220) |          |            |           |
| 395153.85  | 3810165.06          | 58.40537 | (16010220) | 395177.11 |
| 3810162.48 | 55.72316 (16010220) |          |            |           |
| 395200.37  | 3810159.90          | 52.28688 | (16010220) | 395223.63 |
| 3810157.32 | 52.68969 (16120407) |          |            |           |
| 395246.89  | 3810154.74          | 55.97421 | (16120407) | 395270.16 |
| 3810152.16 | 58.48394 (16120407) |          |            |           |
| 395293.42  | 3810149.58          | 60.10085 | (16120407) | 395316.68 |
| 3810147.01 | 60.75143 (16120407) |          |            |           |
| 395339.94  | 3810144.43          | 60.40708 | (16120407) | 395363.20 |
| 3810141.85 | 59.08825 (16120407) |          |            |           |
| 395386.46  | 3810139.27          | 56.86196 | (16120407) | 395409.72 |
| 3810136.69 | 53.83631 (16120407) |          |            |           |
| 395432.98  | 3810134.11          | 50.15181 | (16120407) | 395456.25 |
| 3810131.53 | 45.96880 (16120407) |          |            |           |
| 395479.51  | 3810128.95          | 41.46317 | (16120407) | 395502.77 |
| 3810126.37 | 42.69272 (20031107) |          |            |           |
| 395526.03  | 3810123.79          | 43.54974 | (20031107) | 395549.29 |
| 3810121.21 | 43.71618 (20031107) |          |            |           |
| 395572.55  | 3810118.63          | 43.18699 | (20031107) | 395595.81 |
| 3810116.05 | 43.01717 (17031703) |          |            |           |
| 395619.07  | 3810113.47          | 44.46177 | (17031703) | 395642.34 |
| 3810110.90 | 45.23089 (17031703) |          |            |           |
| 395665.60  | 3810108.32          | 45.29070 | (17031703) | 395688.86 |
| 3810105.74 | 45.65028 (16022404) |          |            |           |
| 395712.12  | 3810103.16          | 47.81968 | (16022404) | 395735.38 |
| 3810100.58 | 49.31155 (16022404) |          |            |           |
| 395758.64  | 3810098.00          | 50.06137 | (16022404) | 395781.90 |
| 3810095.42 | 50.39179 (20021818) |          |            |           |
| 395805.16  | 3810092.84          | 53.51270 | (20021818) | 395828.43 |
| 3810090.26 | 55.95262 (20021818) |          |            |           |
| 395851.69  | 3810087.68          | 57.60605 | (20021818) | 395874.95 |
| 3810085.10 | 58.40427 (20021818) |          |            |           |
| 395898.21  | 3810082.52          | 58.31553 | (20021818) | 395921.47 |
| 3810079.94 | 57.34838 (20021818) |          |            |           |
| 395944.73  | 3810077.36          | 56.42111 | (16010907) | 395967.99 |
| 3810074.78 | 58.03731 (16010907) |          |            |           |
| 395991.25  | 3810072.21          | 58.80636 | (16010907) | 396014.52 |
| 3810069.63 | 58.69810 (16010907) |          |            |           |
| 396037.78  | 3810067.05          | 57.72237 | (16010907) | 396061.04 |
| 3810064.47 | 55.95398 (18020908) |          |            |           |
| 396084.30  | 3810061.89          | 57.54881 | (18020908) | 396107.56 |
| 3810059.31 | 58.32000 (18020908) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396130.82  | 3810056.73 | 58.23868   | (18020908) | 396154.08 |
| 3810054.15 | 57.31325   | (18020908) |            |           |
| 396177.34  | 3810051.57 | 55.58844   | (18020908) | 396200.61 |
| 3810048.99 | 53.14057   | (18020908) |            |           |
| 396223.87  | 3810046.41 | 50.07643   | (18020908) | 396247.13 |
| 3810043.83 | 48.11716   | (16012621) |            |           |
| 396270.39  | 3810041.25 | 51.02942   | (16012621) | 396293.65 |
| 3810038.67 | 53.34569   | (16012621) |            |           |
| 396316.91  | 3810036.09 | 54.97631   | (16012621) | 396340.17 |
| 3810033.52 | 55.85855   | (16012621) |            |           |
| 396363.43  | 3810030.94 | 55.95996   | (16012621) | 396386.70 |
| 3810028.36 | 55.28098   | (16012621) |            |           |
| 396409.96  | 3810025.78 | 53.85518   | (16012621) | 396433.22 |
| 3810023.20 | 55.31276   | (18120420) |            |           |
| 396456.48  | 3810020.62 | 56.33858   | (18120420) | 396479.74 |
| 3810018.04 | 56.59741   | (18120420) |            |           |
| 396503.00  | 3810015.46 | 56.08372   | (18120420) | 396526.26 |
| 3810012.88 | 54.82338   | (18120420) |            |           |
| 396549.52  | 3810010.30 | 52.87159   | (18120420) | 396572.78 |
| 3810007.72 | 50.30893   | (18120420) |            |           |
| 396596.05  | 3810005.14 | 47.23447   | (18120420) | 396619.31 |
| 3810002.56 | 49.23230   | (18011720) |            |           |
| 396642.57  | 3809999.98 | 51.87079   | (18011720) | 396665.83 |
| 3809997.40 | 53.92580   | (18011720) |            |           |
| 396689.09  | 3809994.83 | 55.32410   | (18011720) | 396712.35 |
| 3809992.25 | 56.01605   | (18011720) |            |           |
| 396735.61  | 3809989.67 | 55.98016   | (18011720) | 387918.53 |
| 3815855.95 | 13.71201   | (19020106) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 734

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387917.75  | 3815879.42 | 15.19177   | (16060403) | 387916.96 |
| 3815902.90 | 17.36202   | (16060403) |            |           |
| 387916.17  | 3815926.37 | 18.89170   | (16060403) | 387915.39 |
| 3815949.84 | 19.41144   | (16060403) |            |           |
| 387914.60  | 3815973.31 | 18.37354   | (16060403) | 387913.82 |
| 3815996.79 | 16.01514   | (17122717) |            |           |
| 387913.03  | 3816020.26 | 14.23025   | (17122717) | 387912.25 |
| 3816043.73 | 12.76699   | (19011321) |            |           |
| 387911.46  | 3816067.20 | 12.04224   | (19011321) | 387910.67 |
| 3816090.68 | 11.84217   | (19011321) |            |           |
| 387909.89  | 3816114.15 | 11.91144   | (19011321) | 387909.10 |
| 3816137.62 | 13.14112   | (18010804) |            |           |
| 386597.36  | 3815790.89 | 41.62156   | (16060403) | 386608.77 |
| 3815770.44 | 40.71959   | (16060403) |            |           |
| 386620.19  | 3815750.00 | 39.49463   | (16060403) | 386631.60 |
| 3815729.55 | 39.39353   | (19020106) |            |           |
| 386643.01  | 3815709.10 | 39.81964   | (19020106) | 386654.43 |
| 3815688.65 | 39.90156   | (19020106) |            |           |
| 386665.84  | 3815668.21 | 39.63514   | (19020106) | 386677.25 |
| 3815647.76 | 39.02495   | (19020106) |            |           |
| 386688.66  | 3815627.31 | 38.08490   | (19020106) | 386700.08 |
| 3815606.86 | 36.83728   | (19020106) |            |           |
| 386711.49  | 3815586.42 | 37.24221   | (17122417) | 386722.90 |
| 3815565.97 | 37.55290   | (17122417) |            |           |
| 386734.32  | 3815545.52 | 37.52783   | (17122417) | 386745.73 |
| 3815525.07 | 37.16556   | (17122417) |            |           |
| 386757.14  | 3815504.63 | 37.71261   | (16012217) | 386768.56 |
| 3815484.18 | 38.94672   | (16012217) |            |           |
| 386779.97  | 3815463.73 | 39.85716   | (16012217) | 386791.38 |
| 3815443.28 | 40.41769   | (16012217) |            |           |
| 386802.80  | 3815422.84 | 40.61103   | (16012217) | 386814.21 |
| 3815402.39 | 40.42969   | (16012217) |            |           |
| 386825.62  | 3815381.94 | 39.87646   | (16012217) | 386837.04 |
| 3815361.49 | 38.96448   | (16012217) |            |           |
| 386848.45  | 3815341.05 | 37.71735   | (16012217) | 386859.86 |
| 3815320.60 | 36.63907   | (18091705) |            |           |
| 386871.28  | 3815300.15 | 36.99312   | (18091705) | 386882.69 |
| 3815279.71 | 37.27446   | (20091204) |            |           |
| 386894.10  | 3815259.26 | 38.20330   | (20091204) | 386905.52 |
| 3815238.81 | 39.07003   | (20091204) |            |           |
| 386916.93  | 3815218.36 | 40.36598   | (20091204) | 386928.34 |
| 3815197.92 | 41.06690   | (20091204) |            |           |
| 386939.76  | 3815177.47 | 41.26151   | (20091204) | 386951.17 |
| 3815157.02 | 40.63890   | (20091204) |            |           |
| 386962.58  | 3815136.57 | 41.16585   | (20091204) | 386974.00 |
| 3815116.13 | 41.25814   | (20091204) |            |           |
| 386985.41  | 3815095.68 | 40.67173   | (20091204) | 386996.82 |
| 3815075.23 | 40.44585   | (20122517) |            |           |
| 387008.24  | 3815054.78 | 40.57414   | (20122517) | 387019.65 |
| 3815034.34 | 39.81568   | (20122517) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387031.06  | 3815013.89 | 38.86926   | (20122517) | 387042.48 |
| 3814993.44 | 38.19903   | (20122517) |            |           |
| 387053.89  | 3814972.99 | 37.33114   | (20122517) | 387065.30 |
| 3814952.55 | 35.34801   | (17010723) |            |           |
| 387076.72  | 3814932.10 | 34.68599   | (17010723) | 387088.13 |
| 3814911.65 | 32.46123   | (17010723) |            |           |
| 387099.54  | 3814891.20 | 30.64542   | (17010723) | 387110.95 |
| 3814870.76 | 29.74379   | (17010723) |            |           |
| 387122.37  | 3814850.31 | 28.58484   | (17010723) | 387133.78 |
| 3814829.86 | 27.61799   | (17010723) |            |           |
| 387145.19  | 3814809.42 | 28.50619   | (16122303) | 387156.61 |
| 3814788.97 | 29.86661   | (16122303) |            |           |
| 387168.02  | 3814768.52 | 31.97594   | (16122303) | 387179.43 |
| 3814748.07 | 34.67420   | (17022607) |            |           |
| 387190.85  | 3814727.63 | 39.15730   | (17022607) | 387202.26 |
| 3814707.18 | 42.73089   | (17022607) |            |           |
| 387213.67  | 3814686.73 | 45.04206   | (17022607) | 387225.09 |
| 3814666.28 | 45.67068   | (17022607) |            |           |
| 387236.50  | 3814645.84 | 45.82123   | (17022607) | 387247.91 |
| 3814625.39 | 45.48703   | (17022607) |            |           |
| 387259.33  | 3814604.94 | 44.67636   | (17022607) | 387270.74 |
| 3814584.49 | 43.41272   | (17022607) |            |           |
| 387282.15  | 3814564.05 | 41.73431   | (17022607) | 387293.57 |
| 3814543.60 | 39.68883   | (17022607) |            |           |
| 387304.98  | 3814523.15 | 37.33630   | (17022607) | 387316.39 |
| 3814502.70 | 38.46778   | (18031119) |            |           |
| 387327.81  | 3814482.26 | 40.34016   | (18031119) | 387339.22 |
| 3814461.81 | 41.84899   | (18031119) |            |           |
| 387350.63  | 3814441.36 | 42.94516   | (18031119) | 387362.05 |
| 3814420.91 | 43.59211   | (18031119) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 735

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387373.46  | 3814400.47 | 43.76682   | (18031119) | 387384.87 |
| 3814380.02 | 43.46196   | (18031119) |            |           |
| 387396.29  | 3814359.57 | 42.68545   | (18031119) | 387407.70 |
| 3814339.12 | 41.46086   | (18031119) |            |           |
| 387419.11  | 3814318.68 | 40.32155   | (16103004) | 387430.53 |
| 3814298.23 | 40.91447   | (16103004) |            |           |
| 387441.94  | 3814277.78 | 41.05647   | (16103004) | 387453.35 |
| 3814257.34 | 40.74156   | (16103004) |            |           |
| 387464.77  | 3814236.89 | 39.97819   | (16103004) | 387476.18 |
| 3814216.44 | 38.79015   | (16103004) |            |           |
| 387487.59  | 3814195.99 | 37.21469   | (16103004) | 387499.00 |
| 3814175.55 | 35.30164   | (16103004) |            |           |
| 387510.42  | 3814155.10 | 33.10713   | (16103004) | 387521.83 |
| 3814134.65 | 30.69664   | (16103004) |            |           |
| 387533.24  | 3814114.20 | 28.15201   | (19091724) | 387544.66 |
| 3814093.76 | 27.27223   | (19091724) |            |           |
| 387556.07  | 3814073.31 | 27.04624   | (19122522) | 387567.48 |
| 3814052.86 | 27.37772   | (19122522) |            |           |
| 387578.90  | 3814032.41 | 27.39751   | (19122522) | 387590.31 |
| 3814011.97 | 27.10408   | (19122522) |            |           |
| 387601.72  | 3813991.52 | 28.21489   | (19012818) | 387613.14 |
| 3813971.07 | 29.16995   | (19012818) |            |           |
| 387624.55  | 3813950.62 | 29.81107   | (19012818) | 387635.96 |
| 3813930.18 | 31.70232   | (20010718) |            |           |
| 387647.38  | 3813909.73 | 33.86324   | (20010718) | 387658.79 |
| 3813889.28 | 35.75415   | (20010718) |            |           |
| 387670.20  | 3813868.83 | 37.31441   | (20010718) | 387681.62 |
| 3813848.39 | 38.49142   | (20010718) |            |           |
| 387693.03  | 3813827.94 | 39.24464   | (20010718) | 387704.44 |
| 3813807.49 | 39.54662   | (20010718) |            |           |
| 387715.86  | 3813787.04 | 41.26688   | (18012217) | 387727.27 |
| 3813766.60 | 43.46472   | (18012217) |            |           |
| 387738.68  | 3813746.15 | 45.24550   | (18012217) | 387750.10 |
| 3813725.70 | 46.54764   | (18012217) |            |           |
| 387761.51  | 3813705.26 | 47.32440   | (18012217) | 387772.92 |
| 3813684.81 | 47.54816   | (18012217) |            |           |
| 387784.34  | 3813664.36 | 47.20931   | (18012217) | 387795.75 |
| 3813643.91 | 46.31850   | (18012217) |            |           |
| 387807.16  | 3813623.47 | 44.90653   | (18012217) | 387818.58 |
| 3813603.02 | 43.65706   | (19091802) |            |           |
| 387829.99  | 3813582.57 | 44.24234   | (19091802) | 387841.40 |
| 3813562.12 | 44.30271   | (19091802) |            |           |
| 387852.82  | 3813541.68 | 43.83520   | (19091802) | 387864.23 |
| 3813521.23 | 44.64790   | (17092818) |            |           |
| 387875.64  | 3813500.78 | 46.18004   | (17092818) | 387887.06 |
| 3813480.33 | 47.19477   | (17092818) |            |           |
| 387898.47  | 3813459.89 | 47.65469   | (17092818) | 387909.88 |
| 3813439.44 | 47.54290   | (17092818) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387921.29  | 3813418.99 | 46.86216   | (17092818) | 387932.71 |
| 3813398.54 | 45.63567   | (17092818) |            |           |
| 387944.12  | 3813378.10 | 43.90697   | (17092818) | 387955.53 |
| 3813357.65 | 41.73353   | (17092818) |            |           |
| 387966.95  | 3813337.20 | 39.69492   | (20021303) | 387978.36 |
| 3813316.75 | 42.24836   | (20021303) |            |           |
| 387989.77  | 3813296.31 | 44.42320   | (20021303) | 388001.19 |
| 3813275.86 | 46.14748   | (20021303) |            |           |
| 388012.60  | 3813255.41 | 47.35891   | (20021303) | 388024.01 |
| 3813234.96 | 48.01408   | (20021303) |            |           |
| 388035.43  | 3813214.52 | 48.08877   | (20021303) | 388046.84 |
| 3813194.07 | 47.57940   | (20021303) |            |           |
| 388058.25  | 3813173.62 | 46.50378   | (20021303) | 388069.67 |
| 3813153.18 | 44.90035   | (20021303) |            |           |
| 388081.08  | 3813132.73 | 42.82418   | (20021303) | 388092.49 |
| 3813112.28 | 41.70447   | (19083005) |            |           |
| 388103.91  | 3813091.83 | 41.58471   | (19083005) | 388115.32 |
| 3813071.39 | 40.96056   | (19083005) |            |           |
| 388126.73  | 3813050.94 | 39.85378   | (19083005) | 388138.15 |
| 3813030.49 | 39.61967   | (18010520) |            |           |
| 388149.56  | 3813010.04 | 40.30243   | (18010520) | 388160.97 |
| 3812989.60 | 40.49690   | (18010520) |            |           |
| 388172.39  | 3812969.15 | 40.19570   | (18010520) | 388183.80 |
| 3812948.70 | 39.40941   | (18010520) |            |           |
| 388195.21  | 3812928.25 | 38.16629   | (18010520) | 388206.63 |
| 3812907.81 | 36.51078   | (18010520) |            |           |
| 388218.04  | 3812887.36 | 34.49938   | (18010520) | 388229.45 |
| 3812866.91 | 34.24008   | (18050705) |            |           |
| 388240.87  | 3812846.46 | 32.56334   | (18050705) | 388252.28 |
| 3812826.02 | 28.58797   | (18050705) |            |           |
| 388263.69  | 3812805.57 | 24.08153   | (18050705) | 388275.11 |
| 3812785.12 | 21.07292   | (17031506) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 736

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|------------|------------|-------------|
| - - - - -   | - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |
| 3812744.23  | 388286.52   | 3812764.67  | 17.80252   | (17031506) | 388297.93   |
| 3812703.33  | 388309.35   | 3812723.78  | 12.00241   | (20030124) | 388320.76   |
| 3812662.44  | 388332.17   | 3812682.88  | 8.05375    | (20030124) | 388343.58   |
| 3812621.54  | 388355.00   | 3812641.99  | 5.01470    | (20030124) | 388366.41   |
| 3812580.65  | 388377.82   | 3812601.10  | 3.45094    | (16111918) | 388389.24   |
| 3812539.75  | 388400.65   | 3812560.20  | 2.98595    | (19031205) | 388412.06   |
| 3812498.86  | 388423.48   | 3812519.31  | 2.72514    | (20120417) | 388434.89   |
| 3812457.96  | 388446.30   | 3812478.41  | 2.40049    | (20120417) | 388457.72   |
| 3812417.07  | 388469.13   | 3812437.52  | 1.98090    | (20120417) | 388480.54   |
| 3812376.17  | 388491.96   | 3812396.62  | 1.84024    | (16122516) | 388503.37   |
| 3812335.28  | 388514.78   | 3812355.73  | 1.78771    | (16122516) | 388526.20   |
| 3812294.38  | 388537.61   | 3812314.83  | 1.73456    | (16122516) | 388549.02   |
| 3812253.49  | 388560.44   | 3812273.94  | 1.66426    | (19102117) | 388571.85   |
| 3812212.59  | 388583.26   | 3812233.04  | 1.60279    | (19102117) | 388594.68   |
| 3812171.70  | 388606.09   | 3812192.15  | 1.59137    | (19102117) | 388617.50   |
| 3812130.80  | 388628.92   | 3812151.25  | 1.57218    | (19102117) | 388640.33   |
| 3812089.91  | 388651.74   | 3812110.36  | 1.54314    | (19102117) | 388663.16   |
| 3812049.02  | 388674.57   | 3812069.46  | 1.59603    | (19020717) | 388685.98   |
| 3812008.12  | 388697.40   | 3812028.57  | 1.64030    | (19020717) | 388708.81   |
| 3811967.23  | 388720.22   | 3811987.67  | 1.66280    | (19020717) | 388731.64   |
| 3811926.33  | 388743.05   | 3811946.78  | 1.64723    | (19020717) | 388754.46   |
| 3811885.44  | 388765.87   | 3811905.88  | 1.61721    | (19020717) | 388777.29   |
| 3811844.54  | 388788.70   | 3811864.99  | 1.61348    | (19020717) | 388800.11   |
|             |             | 1.62569     | (19020717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388811.53  | 3811824.09 | 1.61840    | (19020717) | 388822.94 |
| 3811803.65 | 1.60345    | (19020717) |            |           |
| 388834.35  | 3811783.20 | 1.58007    | (19020717) | 388845.77 |
| 3811762.75 | 1.55471    | (19020717) |            |           |
| 388857.18  | 3811742.30 | 1.52883    | (19020717) | 388868.59 |
| 3811721.86 | 1.50393    | (19020717) |            |           |
| 388880.01  | 3811701.41 | 1.47925    | (16121716) | 388891.42 |
| 3811680.96 | 1.53512    | (16121716) |            |           |
| 388902.83  | 3811660.51 | 1.55115    | (16121716) | 388914.25 |
| 3811640.07 | 1.58344    | (16121716) |            |           |
| 388925.66  | 3811619.62 | 1.63176    | (16121716) | 388937.07 |
| 3811599.17 | 1.67861    | (16121716) |            |           |
| 388948.49  | 3811578.73 | 1.71551    | (16121716) | 388959.90 |
| 3811558.28 | 1.74180    | (16121716) |            |           |
| 388971.31  | 3811537.83 | 1.76501    | (16121716) | 388982.73 |
| 3811517.38 | 1.77065    | (16121716) |            |           |
| 388994.14  | 3811496.94 | 1.76307    | (16121716) | 389005.55 |
| 3811476.49 | 1.77961    | (16121716) |            |           |
| 389016.97  | 3811456.04 | 1.78181    | (16121716) | 389028.38 |
| 3811435.59 | 1.77476    | (16121716) |            |           |
| 389039.79  | 3811415.15 | 1.75692    | (16121716) | 389051.21 |
| 3811394.70 | 1.75590    | (16121716) |            |           |
| 389062.62  | 3811374.25 | 1.87023    | (19113008) | 389074.03 |
| 3811353.80 | 1.99786    | (19113008) |            |           |
| 389085.45  | 3811333.36 | 2.06317    | (19113008) | 389096.86 |
| 3811312.91 | 2.08116    | (19113008) |            |           |
| 389108.27  | 3811292.46 | 2.12721    | (19113008) | 389119.69 |
| 3811272.01 | 2.23720    | (19113008) |            |           |
| 389131.10  | 3811251.57 | 2.48119    | (19113008) | 389142.51 |
| 3811231.12 | 2.71587    | (19113008) |            |           |
| 389153.93  | 3811210.67 | 2.87075    | (19113008) | 389165.34 |
| 3811190.22 | 2.95672    | (19113008) |            |           |
| 389176.75  | 3811169.78 | 3.15622    | (18030619) | 389188.16 |
| 3811149.33 | 3.34643    | (18030619) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 737

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 389199.58                  | 3811128.88                     | 3.61355 | (17120408) | 389210.99   |
| 3811108.43                 | 3.80454 (19011017)             |         |            |             |
| 389222.40                  | 3811087.99                     | 4.00648 | (19013104) | 389233.82   |
| 3811067.54                 | 4.06321 (19011017)             |         |            |             |
| 389245.23                  | 3811047.09                     | 3.93302 | (19011017) | 389256.64   |
| 3811026.65                 | 3.72682 (19011017)             |         |            |             |
| 389268.06                  | 3811006.20                     | 3.50352 | (19011017) | 389279.47   |
| 3810985.75                 | 3.23814 (19011017)             |         |            |             |
| 389290.88                  | 3810965.30                     | 3.14113 | (19011017) | 389302.30   |
| 3810944.86                 | 3.31175 (19011017)             |         |            |             |
| 389313.71                  | 3810924.41                     | 3.31169 | (17012518) | 389325.12   |
| 3810903.96                 | 3.19970 (17012518)             |         |            |             |
| 389336.54                  | 3810883.51                     | 3.18868 | (17012518) | 389347.95   |
| 3810863.07                 | 3.30200 (17012518)             |         |            |             |
| 389359.36                  | 3810842.62                     | 3.48161 | (17012518) | 389370.78   |
| 3810822.17                 | 3.67390 (17012518)             |         |            |             |
| 389382.19                  | 3810801.72                     | 3.82088 | (17012518) | 389393.60   |
| 3810781.28                 | 4.09932 (18030506)             |         |            |             |
| 389405.02                  | 3810760.83                     | 3.93791 | (18030506) | 389416.43   |
| 3810740.38                 | 4.28435 (18030506)             |         |            |             |
| 389427.84                  | 3810719.93                     | 4.99873 | (18030506) | 389439.26   |
| 3810699.49                 | 5.33730 (18030506)             |         |            |             |
| 389450.67                  | 3810679.04                     | 5.73443 | (18030506) | 389462.08   |
| 3810658.59                 | 5.42769 (18030506)             |         |            |             |
| 389473.50                  | 3810638.14                     | 4.44837 | (18030506) | 389484.91   |
| 3810617.70                 | 3.88071 (17011307)             |         |            |             |
| 389496.32                  | 3810597.25                     | 3.29150 | (17011307) | 389507.74   |
| 3810576.80                 | 2.91451 (20111518)             |         |            |             |
| 389519.15                  | 3810556.35                     | 2.90179 | (20111518) | 389530.56   |
| 3810535.91                 | 2.97636 (20111518)             |         |            |             |
| 389541.98                  | 3810515.46                     | 3.20930 | (20111518) | 389553.39   |
| 3810495.01                 | 3.32090 (20111518)             |         |            |             |
| 389564.80                  | 3810474.57                     | 3.34041 | (20111518) | 389576.22   |
| 3810454.12                 | 3.36170 (20111518)             |         |            |             |
| 389587.63                  | 3810433.67                     | 3.51880 | (20111518) | 389599.04   |
| 3810413.22                 | 3.72072 (17092519)             |         |            |             |
| 389610.45                  | 3810392.78                     | 3.64700 | (17092519) | 389621.87   |
| 3810372.33                 | 3.59962 (17092519)             |         |            |             |
| 389633.28                  | 3810351.88                     | 3.67721 | (17092519) | 389644.69   |
| 3810331.43                 | 3.63642 (17092519)             |         |            |             |
| 389656.11                  | 3810310.99                     | 3.63898 | (17092519) | 389667.52   |
| 3810290.54                 | 3.55712 (17092519)             |         |            |             |
| 389678.93                  | 3810270.09                     | 3.53857 | (17092519) | 389690.35   |
| 3810249.64                 | 3.60186 (20040904)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389701.76  | 3810229.20 | 3.57864    | (20040904) | 389713.17 |
| 3810208.75 | 3.70040    | (20040904) |            |           |
| 389724.59  | 3810188.30 | 3.72279    | (20040904) | 389736.00 |
| 3810167.85 | 4.01489    | (17122507) |            |           |
| 389747.41  | 3810147.41 | 4.34225    | (17122507) | 389758.83 |
| 3810126.96 | 4.54373    | (17122507) |            |           |
| 389770.24  | 3810106.51 | 4.53631    | (16110418) | 389781.65 |
| 3810086.06 | 5.62880    | (16110418) |            |           |
| 389793.07  | 3810065.62 | 7.29728    | (16110418) | 389804.48 |
| 3810045.17 | 8.79405    | (16110418) |            |           |
| 389815.89  | 3810024.72 | 12.05399   | (16110418) | 389827.31 |
| 3810004.27 | 16.19154   | (16110418) |            |           |
| 389838.72  | 3809983.83 | 18.52300   | (16110418) | 389850.13 |
| 3809963.38 | 20.01853   | (16110418) |            |           |
| 389861.55  | 3809942.93 | 20.89071   | (16110418) | 389872.96 |
| 3809922.49 | 21.58772   | (16110418) |            |           |
| 389884.37  | 3809902.04 | 21.88529   | (16110418) | 389895.79 |
| 3809881.59 | 21.84966   | (16110418) |            |           |
| 389907.20  | 3809861.14 | 21.47702   | (16110418) | 389918.61 |
| 3809840.70 | 20.88070   | (16110418) |            |           |
| 389930.03  | 3809820.25 | 20.93090   | (16122121) | 389941.44 |
| 3809799.80 | 22.58386   | (16122121) |            |           |
| 389952.85  | 3809779.35 | 24.17860   | (16122121) | 389964.27 |
| 3809758.91 | 25.67067   | (16122121) |            |           |
| 389975.68  | 3809738.46 | 26.99405   | (16122121) | 389987.09 |
| 3809718.01 | 28.00056   | (16122121) |            |           |
| 389998.51  | 3809697.56 | 28.76972   | (16122121) | 390009.92 |
| 3809677.12 | 29.30939   | (16122121) |            |           |
| 390021.33  | 3809656.67 | 29.44655   | (16122121) | 390032.74 |
| 3809636.22 | 28.77989   | (16122121) |            |           |
| 390044.16  | 3809615.77 | 27.40678   | (16122121) | 390055.57 |
| 3809595.33 | 25.62594   | (20040905) |            |           |
| 390066.98  | 3809574.88 | 24.05156   | (20040905) | 390078.40 |
| 3809554.43 | 24.31390   | (20040905) |            |           |
| 390113.09  | 3809531.40 | 25.92197   | (20040905) | 390136.36 |
| 3809528.82 | 25.80077   | (20040905) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 738

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|--------------------|------------|-------------|
| -----       |             |                     |                    |            |             |
| 3809523.66  | 390159.63   | 3809526.24          | 25.22052           | (20040905) | 390182.91   |
|             |             | 25.42618 (17021606) |                    |            |             |
|             | 390206.18   | 3809521.08          | 26.04758           | (17021606) | 390229.46   |
| 3809518.50  |             | 26.69758 (17021606) |                    |            |             |
|             | 390252.73   | 3809515.92          | 27.17380           | (17021606) | 390276.01   |
| 3809513.34  |             | 27.27941 (17021606) |                    |            |             |
|             | 390299.28   | 3809510.76          | 26.79322           | (17021606) | 390322.56   |
| 3809508.18  |             | 25.43274 (17021606) |                    |            |             |
|             | 390345.83   | 3809505.60          | 23.32619           | (17021606) | 390369.10   |
| 3809503.02  |             | 21.09777 (17021606) |                    |            |             |
|             | 390392.38   | 3809500.43          | 19.33749           | (17021606) | 390415.65   |
| 3809497.85  |             | 18.19874 (17051823) |                    |            |             |
|             | 390438.93   | 3809495.27          | 17.76964           | (17051823) | 390462.20   |
| 3809492.69  |             | 17.05721 (17051823) |                    |            |             |
|             | 390485.48   | 3809490.11          | 17.39765           | (20121922) | 390508.75   |
| 3809487.53  |             | 18.06423 (20121922) |                    |            |             |
|             | 390532.02   | 3809484.95          | 17.80152           | (20121922) | 390555.30   |
| 3809482.37  |             | 20.21665 (20121922) |                    |            |             |
|             | 390578.57   | 3809479.79          | 21.83137           | (20121922) | 390601.85   |
| 3809477.21  |             | 23.43628 (20121922) |                    |            |             |
|             | 390625.12   | 3809474.63          | 25.02608           | (20121922) | 390648.40   |
| 3809472.05  |             | 25.41568 (20121922) |                    |            |             |
|             | 390671.67   | 3809469.46          | 25.22772           | (20121922) | 390694.95   |
| 3809466.88  |             | 25.74293 (20121922) |                    |            |             |
|             | 390718.22   | 3809464.30          | 26.29604           | (20121922) | 390741.49   |
| 3809461.72  |             | 26.43667 (20121922) |                    |            |             |
|             | 390764.77   | 3809459.14          | 27.89885           | (20121922) | 390788.04   |
| 3809456.56  |             | 30.01615 (20121922) |                    |            |             |
|             | 390811.32   | 3809453.98          | 29.18934           | (20121922) | 390834.59   |
| 3809451.40  |             | 28.26000 (20121922) |                    |            |             |
|             | 390857.87   | 3809448.82          | 27.09653           | (16011701) | 390881.14   |
| 3809446.24  |             | 27.08925 (16011701) |                    |            |             |
|             | 390904.42   | 3809443.66          | 26.67776           | (16011701) | 390927.69   |
| 3809441.08  |             | 25.97260 (16011701) |                    |            |             |
|             | 390950.96   | 3809438.50          | 25.78188           | (18092722) | 390974.24   |
| 3809435.91  |             | 26.38951 (18092722) |                    |            |             |
|             | 390997.51   | 3809433.33          | 26.32006           | (18092722) | 391020.79   |
| 3809430.75  |             | 25.91459 (18092722) |                    |            |             |
|             | 391044.06   | 3809428.17          | 25.22729           | (18092722) | 391067.34   |
| 3809425.59  |             | 24.39323 (18092722) |                    |            |             |
|             | 391090.61   | 3809423.01          | 22.76007           | (18092722) | 391113.88   |
| 3809420.43  |             | 20.59317 (18092722) |                    |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391137.16  | 3809417.85 | 18.47861   | (18092722) | 391160.43 |
| 3809415.27 | 17.20241   | (19112417) |            |           |
| 391183.71  | 3809412.69 | 16.92269   | (20021206) | 391206.98 |
| 3809410.11 | 16.50620   | (20021206) |            |           |
| 391230.26  | 3809407.53 | 16.37654   | (20021206) | 391253.53 |
| 3809404.95 | 17.30533   | (20021206) |            |           |
| 391276.81  | 3809402.36 | 19.07982   | (20021206) | 391300.08 |
| 3809399.78 | 21.64950   | (20021206) |            |           |
| 391323.35  | 3809397.20 | 22.82258   | (20021206) | 391346.63 |
| 3809394.62 | 22.70597   | (20021206) |            |           |
| 391369.90  | 3809392.04 | 22.39246   | (20013022) | 391393.18 |
| 3809389.46 | 21.62117   | (20013022) |            |           |
| 391416.45  | 3809386.88 | 19.69138   | (20013022) | 391439.73 |
| 3809384.30 | 19.02918   | (20013022) |            |           |
| 391463.00  | 3809381.72 | 20.24798   | (20013022) | 391486.28 |
| 3809379.14 | 21.93474   | (20013022) |            |           |
| 391509.55  | 3809376.56 | 22.43215   | (20013022) | 391532.82 |
| 3809373.98 | 22.60340   | (18120918) |            |           |
| 391556.10  | 3809371.40 | 24.11418   | (18120918) | 391579.37 |
| 3809368.81 | 26.71325   | (18120918) |            |           |
| 391602.65  | 3809366.23 | 27.35102   | (18120918) | 391625.92 |
| 3809363.65 | 27.39261   | (18120308) |            |           |
| 391649.20  | 3809361.07 | 29.16682   | (18120308) | 391672.47 |
| 3809358.49 | 30.69415   | (18120308) |            |           |
| 391695.75  | 3809355.91 | 32.13785   | (18120308) | 391719.02 |
| 3809353.33 | 33.46873   | (18120308) |            |           |
| 391742.29  | 3809350.75 | 34.05733   | (18120308) | 391765.57 |
| 3809348.17 | 33.76423   | (18120308) |            |           |
| 391788.84  | 3809345.59 | 33.63962   | (18120308) | 391812.12 |
| 3809343.01 | 33.79156   | (18120308) |            |           |
| 391835.39  | 3809340.43 | 34.05571   | (18120308) | 391858.67 |
| 3809337.84 | 34.23944   | (20010220) |            |           |
| 391881.94  | 3809335.26 | 34.35621   | (20010220) | 391905.21 |
| 3809332.68 | 35.27762   | (20010220) |            |           |
| 391928.49  | 3809330.10 | 36.52000   | (17123103) | 391951.76 |
| 3809327.52 | 38.10545   | (17123103) |            |           |
| 391975.04  | 3809324.94 | 39.11138   | (17123103) | 391998.31 |
| 3809322.36 | 39.75811   | (17123103) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 739

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 392021.59   | 3809319.78  | 40.67207       | (17123103) | 392044.86          |  |
| 3809317.20  | 41.68720    | (17123103)     |            |                    |  |
| 392068.14   | 3809314.62  | 40.73822       | (17123103) | 392091.41          |  |
| 3809312.04  | 38.52004    | (17123103)     |            |                    |  |
| 392114.68   | 3809309.46  | 37.74710       | (17123103) | 392137.96          |  |
| 3809306.88  | 36.79124    | (17123103)     |            |                    |  |
| 392161.23   | 3809304.29  | 34.94197       | (17123103) | 392184.51          |  |
| 3809301.71  | 37.29611    | (17102717)     |            |                    |  |
| 392207.78   | 3809299.13  | 39.10372       | (17102717) | 392231.06          |  |
| 3809296.55  | 40.37450    | (17102717)     |            |                    |  |
| 392254.33   | 3809293.97  | 41.61061       | (17102717) | 392277.61          |  |
| 3809291.39  | 42.80529    | (17102717)     |            |                    |  |
| 392300.88   | 3809288.81  | 43.56247       | (17102717) | 392324.15          |  |
| 3809286.23  | 43.72750    | (17102717)     |            |                    |  |
| 392347.43   | 3809283.65  | 42.91735       | (17102717) | 392370.70          |  |
| 3809281.07  | 41.21382    | (17102717)     |            |                    |  |
| 392393.98   | 3809278.49  | 39.67276       | (17102717) | 392417.25          |  |
| 3809275.91  | 37.99767    | (19020706)     |            |                    |  |
| 392440.53   | 3809273.33  | 40.56919       | (19020706) | 392463.80          |  |
| 3809270.74  | 42.81295    | (19020706)     |            |                    |  |
| 392487.07   | 3809268.16  | 44.65644       | (19020706) | 392510.35          |  |
| 3809265.58  | 46.03770    | (19020706)     |            |                    |  |
| 392533.62   | 3809263.00  | 46.90674       | (19020706) | 392556.90          |  |
| 3809260.42  | 47.23228    | (19020706)     |            |                    |  |
| 392580.17   | 3809257.84  | 47.00072       | (19020706) | 392603.45          |  |
| 3809255.26  | 46.21822    | (19020706)     |            |                    |  |
| 392626.72   | 3809252.68  | 44.91108       | (19020706) | 392650.00          |  |
| 3809250.10  | 43.12188    | (19020706)     |            |                    |  |
| 392673.27   | 3809247.52  | 40.91125       | (19020706) | 392696.54          |  |
| 3809244.94  | 40.82586    | (17021124)     |            |                    |  |
| 392719.82   | 3809242.36  | 43.33514       | (17021124) | 392743.09          |  |
| 3809239.78  | 45.44986    | (17021124)     |            |                    |  |
| 392766.37   | 3809237.19  | 47.09944       | (17021124) | 392789.64          |  |
| 3809234.61  | 48.22363    | (17021124)     |            |                    |  |
| 392812.92   | 3809232.03  | 48.78208       | (17021124) | 392836.19          |  |
| 3809229.45  | 48.75262    | (17021124)     |            |                    |  |
| 392859.47   | 3809226.87  | 48.13466       | (17021124) | 392882.74          |  |
| 3809224.29  | 46.94937    | (17021124)     |            |                    |  |
| 392906.01   | 3809221.71  | 45.23738       | (17021124) | 392929.29          |  |
| 3809219.13  | 43.05624    | (17021124)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392952.56  | 3809216.55 | 42.60010   | (20031204) | 392975.84 |
| 3809213.97 | 42.38177   | (20031204) |            |           |
| 392999.11  | 3809211.39 | 41.64974   | (20031204) | 393022.39 |
| 3809208.81 | 40.42879   | (20031204) |            |           |
| 393045.66  | 3809206.22 | 38.76219   | (20031204) | 393068.93 |
| 3809203.64 | 38.57251   | (16102920) |            |           |
| 393092.21  | 3809201.06 | 41.42936   | (16102920) | 393115.48 |
| 3809198.48 | 43.95034   | (16102920) |            |           |
| 393138.76  | 3809195.90 | 46.05225   | (16102920) | 393162.03 |
| 3809193.32 | 47.65917   | (16102920) |            |           |
| 393185.31  | 3809190.74 | 48.71369   | (16102920) | 393208.58 |
| 3809188.16 | 49.17518   | (16102920) |            |           |
| 393231.86  | 3809185.58 | 49.02573   | (16102920) | 393255.13 |
| 3809183.00 | 48.26984   | (16102920) |            |           |
| 393278.40  | 3809180.42 | 46.93440   | (16102920) | 393301.68 |
| 3809177.84 | 48.30178   | (16040119) |            |           |
| 393324.95  | 3809175.26 | 49.10159   | (16040119) | 393348.23 |
| 3809172.67 | 49.29212   | (16040119) |            |           |
| 393371.50  | 3809170.09 | 48.86520   | (16040119) | 393394.78 |
| 3809167.51 | 47.83539   | (16040119) |            |           |
| 393418.05  | 3809164.93 | 46.24077   | (16040119) | 393441.33 |
| 3809162.35 | 44.13728   | (16040119) |            |           |
| 393464.60  | 3809159.77 | 41.60047   | (16040119) | 393487.87 |
| 3809157.19 | 39.36546   | (16010219) |            |           |
| 393511.15  | 3809154.61 | 41.60176   | (16010219) | 393534.42 |
| 3809152.03 | 43.41143   | (16010219) |            |           |
| 393557.70  | 3809149.45 | 44.73036   | (16010219) | 393976.64 |
| 3809102.99 | 41.97052   | (17012519) |            |           |
| 393999.91  | 3809100.41 | 42.75184   | (17121817) | 394023.19 |
| 3809097.83 | 45.19386   | (17121817) |            |           |
| 394046.46  | 3809095.25 | 47.16635   | (17121817) | 394069.73 |
| 3809092.67 | 48.59876   | (17121817) |            |           |
| 394093.01  | 3809090.09 | 49.43801   | (17121817) | 394116.28 |
| 3809087.51 | 49.65164   | (17121817) |            |           |
| 394139.56  | 3809084.93 | 49.23176   | (17121817) | 394162.83 |
| 3809082.35 | 48.19476   | (17121817) |            |           |
| 394186.11  | 3809079.77 | 46.57895   | (17121817) | 394209.38 |
| 3809077.19 | 44.44553   | (17121817) |            |           |
| 394232.66  | 3809074.60 | 41.86938   | (17121817) | 394255.93 |
| 3809072.02 | 38.94223   | (17121817) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 740

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 394279.20   | 3809069.44          | 35.75940   | (17121817) | 394302.48   |
| 3809066.86  | 37.30472 (16012117) |            |            |             |
| 394325.75   | 3809064.28          | 38.42628   | (16012117) | 394349.03   |
| 3809061.70  | 39.07929 (16012117) |            |            |             |
| 394372.30   | 3809059.12          | 41.46378   | (17122407) | 394395.58   |
| 3809056.54  | 44.09347 (17122407) |            |            |             |
| 394418.85   | 3809053.96          | 46.29350   | (17122407) | 394442.12   |
| 3809051.38  | 47.98709 (17122407) |            |            |             |
| 394465.40   | 3809048.80          | 49.11295   | (17122407) | 394488.67   |
| 3809046.22  | 49.62855 (17122407) |            |            |             |
| 394511.95   | 3809043.64          | 49.51542   | (17122407) | 394535.22   |
| 3809041.05  | 48.77845 (17122407) |            |            |             |
| 394558.50   | 3809038.47          | 47.44559   | (17122407) | 394581.77   |
| 3809035.89  | 45.56789 (17122407) |            |            |             |
| 394605.05   | 3809033.31          | 43.21232   | (17122407) | 394628.32   |
| 3809030.73  | 41.12860 (18061202) |            |            |             |
| 394651.59   | 3809028.15          | 43.73495   | (18061202) | 394674.87   |
| 3809025.57  | 45.92140 (18061202) |            |            |             |
| 394698.14   | 3809022.99          | 47.60952   | (18061202) | 394721.42   |
| 3809020.41  | 48.74015 (18061202) |            |            |             |
| 394744.69   | 3809017.83          | 49.27131   | (18061202) | 394767.97   |
| 3809015.25  | 49.18450 (18061202) |            |            |             |
| 394791.24   | 3809012.67          | 48.48400   | (18061202) | 394814.52   |
| 3809010.09  | 47.19631 (18061202) |            |            |             |
| 394837.79   | 3809007.50          | 45.37061   | (18061202) | 394861.06   |
| 3809004.92  | 44.48652 (20113008) |            |            |             |
| 394884.34   | 3809002.34          | 44.71258   | (20113008) | 394907.61   |
| 3808999.76  | 44.38108 (20113008) |            |            |             |
| 394930.89   | 3808997.18          | 43.50513   | (20113008) | 394954.16   |
| 3808994.60  | 42.11867 (20113008) |            |            |             |
| 394977.44   | 3808992.02          | 40.27159   | (20113008) | 395000.71   |
| 3808989.44  | 39.10469 (16010220) |            |            |             |
| 395023.99   | 3808986.86          | 41.89452   | (16010220) | 395047.26   |
| 3808984.28  | 44.32662 (16010220) |            |            |             |
| 395070.53   | 3808981.70          | 46.32103   | (16010220) | 395093.81   |
| 3808979.12  | 47.80971 (16010220) |            |            |             |
| 395117.08   | 3808976.53          | 48.73920   | (16010220) | 395140.36   |
| 3808973.95  | 49.07805 (16010220) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3808968.79 | 395163.63 | 3808971.37 | 48.81487   | (16010220) | 395186.91 |
|            |           | 47.96056   | (16010220) |            |           |
|            | 395210.18 | 3808966.21 | 46.54819   | (16010220) | 395233.45 |
| 3808963.63 |           | 44.62917   | (16010220) |            |           |
|            | 395256.73 | 3808961.05 | 42.27016   | (16010220) | 395280.00 |
| 3808958.47 |           | 41.09723   | (16120407) |            |           |
|            | 395303.28 | 3808955.89 | 43.57928   | (16120407) | 395326.55 |
| 3808953.31 |           | 45.64999   | (16120407) |            |           |
|            | 395349.83 | 3808950.73 | 47.24195   | (16120407) | 395373.10 |
| 3808948.15 |           | 48.29967   | (16120407) |            |           |
|            | 395396.38 | 3808945.57 | 48.78813   | (16120407) | 395419.65 |
| 3808942.98 |           | 48.69102   | (16120407) |            |           |
|            | 395442.92 | 3808940.40 | 48.01405   | (16120407) | 395466.20 |
| 3808937.82 |           | 46.78231   | (16120407) |            |           |
|            | 395489.47 | 3808935.24 | 45.04160   | (16120407) | 395512.75 |
| 3808932.66 |           | 42.85153   | (16120407) |            |           |
|            | 395536.02 | 3808930.08 | 40.28776   | (16120407) | 395559.30 |
| 3808927.50 |           | 37.43060   | (16120407) |            |           |
|            | 395582.57 | 3808924.92 | 34.36924   | (16120407) | 395605.85 |
| 3808922.34 |           | 33.54331   | (20031107) |            |           |
|            | 395629.12 | 3808919.76 | 34.44343   | (20031107) | 395652.39 |
| 3808917.18 |           | 34.95304   | (20031107) |            |           |
|            | 395675.67 | 3808914.60 | 35.05575   | (20031107) | 395698.94 |
| 3808912.02 |           | 34.74930   | (20031107) |            |           |
|            | 395722.22 | 3808909.43 | 34.04553   | (20031107) | 395745.49 |
| 3808906.85 |           | 35.06302   | (17031703) |            |           |
|            | 395768.77 | 3808904.27 | 35.89489   | (17031703) | 395792.04 |
| 3808901.69 |           | 36.32175   | (17031703) |            |           |
|            | 395815.31 | 3808899.11 | 36.33093   | (17031703) | 395838.59 |
| 3808896.53 |           | 36.14413   | (16022404) |            |           |
|            | 395861.86 | 3808893.95 | 37.76969   | (16022404) | 395885.14 |
| 3808891.37 |           | 39.01690   | (16022404) |            |           |
|            | 395908.41 | 3808888.79 | 39.84498   | (16022404) | 395931.69 |
| 3808886.21 |           | 40.22856   | (16022404) |            |           |
|            | 395954.96 | 3808883.63 | 40.36285   | (20021818) | 395978.24 |
| 3808881.05 |           | 42.56808   | (20021818) |            |           |
|            | 396001.51 | 3808878.47 | 44.38511   | (20021818) | 396024.78 |
| 3808875.88 |           | 45.75857   | (20021818) |            |           |
|            | 396048.06 | 3808873.30 | 46.64626   | (20021818) | 396071.33 |
| 3808870.72 |           | 47.01996   | (20021818) |            |           |
|            | 396094.61 | 3808868.14 | 46.86979   | (20021818) | 396117.88 |
| 3808865.56 |           | 46.20311   | (20021818) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396141.16   | 3808862.98  | 45.04353   | (20021818) | 396164.43   |
| 3808860.40  | 46.15713    | (16010907) |            |             |
| 396187.71   | 3808857.82  | 46.99830   | (16010907) | 396210.98   |
| 3808855.24  | 47.33007    | (16010907) |            |             |
| 396234.25   | 3808852.66  | 47.14439   | (16010907) | 396257.53   |
| 3808850.08  | 46.44928    | (16010907) |            |             |
| 396280.80   | 3808847.50  | 45.27007   | (16010907) | 396304.08   |
| 3808844.91  | 45.83313    | (18020908) |            |             |
| 396327.35   | 3808842.33  | 46.64585   | (18020908) | 396350.63   |
| 3808839.75  | 46.96306    | (18020908) |            |             |
| 396373.90   | 3808837.17  | 46.77667   | (18020908) | 396397.18   |
| 3808834.59  | 46.09492    | (18020908) |            |             |
| 396420.45   | 3808832.01  | 44.94231   | (18020908) | 396443.72   |
| 3808829.43  | 43.35676    | (18020908) |            |             |
| 396467.00   | 3808826.85  | 41.38756   | (18020908) | 396490.27   |
| 3808824.27  | 39.09615    | (18020908) |            |             |
| 396513.55   | 3808821.69  | 38.92565   | (16012621) | 396536.82   |
| 3808819.11  | 40.92467    | (16012621) |            |             |
| 396560.10   | 3808816.53  | 42.57669   | (16012621) | 396583.37   |
| 3808813.95  | 43.83338    | (16012621) |            |             |
| 396606.64   | 3808811.36  | 44.65969   | (16012621) | 396629.92   |
| 3808808.78  | 45.03312    | (16012621) |            |             |
| 396653.19   | 3808806.20  | 44.94407   | (16012621) | 396676.47   |
| 3808803.62  | 44.39766    | (16012621) |            |             |
| 396699.74   | 3808801.04  | 43.41332   | (16012621) | 396723.02   |
| 3808798.46  | 44.12714    | (18120420) |            |             |
| 396746.29   | 3808795.88  | 45.03060   | (18120420) | 396769.57   |
| 3808793.30  | 45.48970    | (18120420) |            |             |
| 396792.84   | 3808790.72  | 45.49273   | (18120420) | 396816.11   |
| 3808788.14  | 45.04242    | (18120420) |            |             |
| 396839.39   | 3808785.56  | 44.15414   | (18120420) | 396862.66   |
| 3808782.98  | 42.85708    | (18120420) |            |             |
| 396885.94   | 3808780.40  | 41.18959   | (18120420) | 396909.21   |
| 3808777.81  | 39.20188    | (18120420) |            |             |
| 396932.49   | 3808775.23  | 37.61671   | (18011720) | 396955.76   |
| 3808772.65  | 39.73746    | (18011720) |            |             |

|            |            |            |            |            |           |
|------------|------------|------------|------------|------------|-----------|
| 3808767.49 | 396979.04  | 3808770.07 | 41.56762   | (18011720) | 397002.31 |
| 3808762.33 | 397025.58  | 3808764.91 | 44.17041   | (18011720) | 397048.86 |
| 3808757.17 | 397072.13  | 3808759.75 | 45.15680   | (18011720) | 397095.41 |
| 3808752.01 | 397118.68  | 3808754.59 | 44.43468   | (18011720) | 397141.96 |
| 3808746.84 | 397165.23  | 3808749.43 | 43.42664   | (17122508) | 397188.50 |
| 3815811.34 | 397211.78  | 3808744.26 | 44.75090   | (17122508) | 386585.95 |
| 3815858.28 | 386585.16  | 3815834.81 | 42.45558   | (16060403) | 386584.37 |
| 3815905.23 | 42.29066   | (16060403) |            |            |           |
| 3815952.17 | 386583.59  | 3815881.76 | 41.68920   | (16060403) | 386582.80 |
| 3815999.12 | 40.66990   | (16060403) |            |            |           |
| 3816046.06 | 386582.02  | 3815928.70 | 41.34174   | (17122717) | 386581.23 |
| 3816093.01 | 42.12732   | (17122717) |            |            |           |
| 3815725.81 | 386580.44  | 3815975.65 | 42.48217   | (17122717) | 386579.66 |
| 3815684.90 | 41.41363   | (17122717) |            |            |           |
| 3815643.99 | 386578.87  | 3816022.59 | 39.48376   | (17122717) | 386578.09 |
| 3815603.08 | 3816046.06 | 36.75319   | (17122717) |            |           |
| 3815562.17 | 386577.30  | 3816069.54 | 33.93421   | (18010804) | 386576.52 |
| 3815521.26 | 3816093.01 | 33.22262   | (18010804) |            |           |
| 3815480.35 | 385264.78  | 3815746.27 | 16.32477   | (16060403) | 385276.19 |
| 3815439.43 | 3815725.81 | 15.12503   | (16060403) |            |           |
| 3815398.52 | 385287.61  | 3815705.36 | 13.39788   | (16060403) | 385299.03 |
| 3815357.61 | 3815684.90 | 13.15455   | (16060403) |            |           |
|            | 385310.45  | 3815664.45 | 14.19627   | (16060403) | 385321.87 |
|            | 3815643.99 | 17.59130   | (19020106) |            |           |
|            | 385333.28  | 3815623.53 | 20.77013   | (19020106) | 385344.70 |
|            | 3815603.08 | 23.81501   | (19020106) |            |           |
|            | 385356.12  | 3815582.62 | 25.90991   | (19020106) | 385367.54 |
|            | 3815562.17 | 27.02958   | (19020106) |            |           |
|            | 385378.96  | 3815541.71 | 27.29886   | (19020106) | 385390.37 |
|            | 3815521.26 | 26.17055   | (19020106) |            |           |
|            | 385401.79  | 3815500.80 | 23.67293   | (19020106) | 385413.21 |
|            | 3815480.35 | 20.18252   | (17122417) |            |           |
|            | 385424.63  | 3815459.89 | 17.54465   | (17122417) | 385436.04 |
|            | 3815439.43 | 16.10741   | (17122417) |            |           |
|            | 385447.46  | 3815418.98 | 14.88288   | (17122417) | 385458.88 |
|            | 3815398.52 | 14.25130   | (17122417) |            |           |
|            | 385470.30  | 3815378.07 | 13.36287   | (17122417) | 385481.72 |
|            | 3815357.61 | 12.61704   | (16012217) |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385493.13   | 3815337.16  | 13.44036   | (16012217) | 385504.55   |
| 3815316.70  | 15.38688    | (16012217) |            |             |
| 385515.97   | 3815296.24  | 17.68197   | (16012217) | 385527.39   |
| 3815275.79  | 18.86385    | (16012217) |            |             |
| 385538.80   | 3815255.33  | 19.52038   | (16012217) | 385550.22   |
| 3815234.88  | 19.70989    | (16012217) |            |             |
| 385561.64   | 3815214.42  | 18.63762   | (16012217) | 385573.06   |
| 3815193.97  | 17.09983    | (16012217) |            |             |
| 385584.48   | 3815173.51  | 15.53349   | (16012217) | 385595.89   |
| 3815153.06  | 16.43335    | (18091705) |            |             |
| 385607.31   | 3815132.60  | 18.51280   | (18091705) | 385618.73   |
| 3815112.14  | 21.43372    | (18091705) |            |             |
| 385630.15   | 3815091.69  | 22.80872   | (18091705) | 385641.57   |
| 3815071.23  | 22.97669    | (20091204) |            |             |
| 385652.98   | 3815050.78  | 21.87637   | (20091204) | 385664.40   |
| 3815030.32  | 20.23695    | (20091204) |            |             |
| 385675.82   | 3815009.87  | 18.31375   | (20091204) | 385687.24   |
| 3814989.41  | 16.44816    | (20091204) |            |             |
| 385698.65   | 3814968.95  | 14.71531   | (20091204) | 385710.07   |
| 3814948.50  | 13.37710    | (20091204) |            |             |
| 385721.49   | 3814928.04  | 11.94501   | (20091204) | 385732.91   |
| 3814907.59  | 11.49140    | (20091204) |            |             |
| 385744.33   | 3814887.13  | 10.70832   | (20091204) | 385755.74   |
| 3814866.68  | 9.96143     | (20122517) |            |             |
| 385767.16   | 3814846.22  | 8.90882    | (20122517) | 385778.58   |
| 3814825.77  | 7.80923     | (20122517) |            |             |
| 385790.00   | 3814805.31  | 6.82974    | (20122517) | 385801.41   |
| 3814784.85  | 6.31532     | (20122517) |            |             |
| 385812.83   | 3814764.40  | 5.97415    | (20122517) | 385824.25   |
| 3814743.94  | 5.67852     | (20122517) |            |             |
| 385835.67   | 3814723.49  | 5.91629    | (17010723) | 385847.09   |
| 3814703.03  | 6.17016     | (17010723) |            |             |
| 385858.50   | 3814682.58  | 6.45532    | (17010723) | 385869.92   |
| 3814662.12  | 6.74556     | (17010723) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385881.34  | 3814641.66 | 6.84435    | (17010723) | 385892.76 |
| 3814621.21 | 6.82677    | (17010723) |            |           |
| 385904.18  | 3814600.75 | 6.96164    | (17010723) | 385915.59 |
| 3814580.30 | 7.14280    | (16122303) |            |           |
| 385927.01  | 3814559.84 | 7.43630    | (16122303) | 385938.43 |
| 3814539.39 | 8.29063    | (16122303) |            |           |
| 385949.85  | 3814518.93 | 9.38295    | (16122303) | 385961.26 |
| 3814498.48 | 10.09606   | (16122303) |            |           |
| 385972.68  | 3814478.02 | 10.10301   | (16122303) | 385984.10 |
| 3814457.56 | 10.10768   | (17022607) |            |           |
| 385995.52  | 3814437.11 | 10.35129   | (17022607) | 386006.94 |
| 3814416.65 | 11.58099   | (17022607) |            |           |
| 386018.35  | 3814396.20 | 13.64190   | (17022607) | 386029.77 |
| 3814375.74 | 16.73289   | (17022607) |            |           |
| 386041.19  | 3814355.29 | 20.74896   | (17022607) | 386052.61 |
| 3814334.83 | 25.00466   | (17022607) |            |           |
| 386064.02  | 3814314.37 | 29.44667   | (17022607) | 386075.44 |
| 3814293.92 | 32.92656   | (17022607) |            |           |
| 386086.86  | 3814273.46 | 34.62015   | (17022607) | 386098.28 |
| 3814253.01 | 33.29230   | (17022607) |            |           |
| 386109.70  | 3814232.55 | 29.72960   | (17022607) | 386121.11 |
| 3814212.10 | 26.60900   | (18031119) |            |           |
| 386132.53  | 3814191.64 | 25.05603   | (18031119) | 386143.95 |
| 3814171.19 | 23.04359   | (18031119) |            |           |
| 386155.37  | 3814150.73 | 20.71650   | (18031119) | 386166.79 |
| 3814130.27 | 17.85516   | (18031119) |            |           |
| 386178.20  | 3814109.82 | 14.92944   | (18031119) | 386189.62 |
| 3814089.36 | 12.21972   | (19010507) |            |           |
| 386201.04  | 3814068.91 | 9.86325    | (19010507) | 386212.46 |
| 3814048.45 | 7.75166    | (19010507) |            |           |
| 386223.87  | 3814028.00 | 6.07328    | (19010507) | 386235.29 |
| 3814007.54 | 4.47539    | (19010507) |            |           |
| 386246.71  | 3813987.08 | 3.50931    | (17030404) | 386258.13 |
| 3813966.63 | 3.12043    | (20111303) |            |           |
| 386269.55  | 3813946.17 | 2.86714    | (20111303) | 386280.96 |
| 3813925.72 | 2.80774    | (20111303) |            |           |
| 386292.38  | 3813905.26 | 2.98859    | (19101107) | 386303.80 |
| 3813884.81 | 3.48713    | (17030404) |            |           |
| 386315.22  | 3813864.35 | 4.04046    | (17030404) | 386326.64 |
| 3813843.90 | 4.27194    | (17030404) |            |           |
| 386338.05  | 3813823.44 | 4.28551    | (19091724) | 386349.47 |
| 3813802.98 | 4.21943    | (19091724) |            |           |
| 386360.89  | 3813782.53 | 3.96687    | (19091724) | 386372.31 |
| 3813762.07 | 3.55040    | (19091724) |            |           |
| 386383.72  | 3813741.62 | 3.28383    | (19101107) | 386395.14 |
| 3813721.16 | 3.09258    | (20030202) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 386406.56   | 3813700.71  | 2.83773    | (20030202) | 386417.98   |
| 3813680.25  | 2.71656     | (16021908) |            |             |
| 386429.40   | 3813659.79  | 2.93678    | (16021908) | 386440.81   |
| 3813639.34  | 3.28403     | (16021908) |            |             |
| 386452.23   | 3813618.88  | 3.62215    | (16021908) | 386463.65   |
| 3813598.43  | 3.98745     | (16021908) |            |             |
| 386475.07   | 3813577.97  | 4.30669    | (16021908) | 386486.48   |
| 3813557.52  | 4.70598     | (16021908) |            |             |
| 386497.90   | 3813537.06  | 4.98208    | (16021908) | 386509.32   |
| 3813516.61  | 5.57110     | (16021908) |            |             |
| 386520.74   | 3813496.15  | 6.12281    | (16021908) | 386532.16   |
| 3813475.69  | 6.92261     | (20010718) |            |             |
| 386543.57   | 3813455.24  | 8.30465    | (20010718) | 386554.99   |
| 3813434.78  | 10.19247    | (20010718) |            |             |
| 386566.41   | 3813414.33  | 12.51597   | (20010718) | 386577.83   |
| 3813393.87  | 15.14647    | (20010718) |            |             |
| 386589.25   | 3813373.42  | 18.12394   | (20010718) | 386600.66   |
| 3813352.96  | 22.26838    | (18012217) |            |             |
| 386612.08   | 3813332.50  | 27.20418   | (18012217) | 386623.50   |
| 3813312.05  | 32.31183    | (18012217) |            |             |
| 386634.92   | 3813291.59  | 36.07122   | (18012217) | 386646.33   |
| 3813271.14  | 38.97642    | (18012217) |            |             |
| 386657.75   | 3813250.68  | 39.70153   | (18012217) | 386669.17   |
| 3813230.23  | 39.39731    | (18012217) |            |             |
| 386680.59   | 3813209.77  | 38.73810   | (18012217) | 386692.01   |
| 3813189.32  | 37.74164    | (18012217) |            |             |
| 386703.42   | 3813168.86  | 36.43331   | (18012217) | 386714.84   |
| 3813148.40  | 36.74966    | (19091802) |            |             |
| 386726.26   | 3813127.95  | 37.01239   | (19091802) | 386737.68   |
| 3813107.49  | 36.93465    | (19091802) |            |             |
| 386749.09   | 3813087.04  | 36.51815   | (19091802) | 386760.51   |
| 3813066.58  | 37.18841    | (17092818) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386771.93  | 3813046.13 | 38.36411   | (17092818) | 386783.35 |
| 3813025.67 | 39.21257   | (17092818) |            |           |
| 386794.77  | 3813005.21 | 39.70966   | (17092818) | 386806.18 |
| 3812984.76 | 39.84112   | (17092818) |            |           |
| 386817.60  | 3812964.30 | 39.60294   | (17092818) | 386829.02 |
| 3812943.85 | 39.00130   | (17092818) |            |           |
| 386840.44  | 3812923.39 | 38.05173   | (17092818) | 386851.86 |
| 3812902.94 | 36.78039   | (17092818) |            |           |
| 386863.27  | 3812882.48 | 35.22001   | (17092818) | 386874.69 |
| 3812862.03 | 33.41161   | (17092818) |            |           |
| 386886.11  | 3812841.57 | 34.03565   | (20021303) | 386897.53 |
| 3812821.11 | 35.82239   | (20021303) |            |           |
| 386908.94  | 3812800.66 | 37.35073   | (20021303) | 386920.36 |
| 3812780.20 | 38.58198   | (20021303) |            |           |
| 386931.78  | 3812759.75 | 39.48135   | (20021303) | 386943.20 |
| 3812739.29 | 40.02438   | (20021303) |            |           |
| 386954.62  | 3812718.84 | 40.19519   | (20021303) | 386966.03 |
| 3812698.38 | 39.98869   | (20021303) |            |           |
| 386977.45  | 3812677.92 | 39.41020   | (20021303) | 386988.87 |
| 3812657.47 | 38.47592   | (20021303) |            |           |
| 387000.29  | 3812637.01 | 37.21048   | (20021303) | 387011.70 |
| 3812616.56 | 35.64907   | (20021303) |            |           |
| 387023.12  | 3812596.10 | 34.79160   | (19083005) | 387034.54 |
| 3812575.65 | 34.78322   | (19083005) |            |           |
| 387045.96  | 3812555.19 | 34.44768   | (19083005) | 387057.38 |
| 3812534.74 | 33.79445   | (19083005) |            |           |
| 387068.79  | 3812514.28 | 30.04413   | (19083005) | 387080.21 |
| 3812493.82 | 27.83087   | (18010520) |            |           |
| 387091.63  | 3812473.37 | 27.13877   | (18010520) | 387103.05 |
| 3812452.91 | 28.72874   | (18010520) |            |           |
| 387114.47  | 3812432.46 | 31.03667   | (18010520) | 387125.88 |
| 3812412.00 | 32.56191   | (18010520) |            |           |
| 387137.30  | 3812391.55 | 32.36989   | (18010520) | 387148.72 |
| 3812371.09 | 31.30813   | (18010520) |            |           |
| 387160.14  | 3812350.63 | 29.99497   | (18010520) | 387171.55 |
| 3812330.18 | 28.55614   | (18050705) |            |           |
| 387182.97  | 3812309.72 | 28.55177   | (18050705) | 387194.39 |
| 3812289.27 | 28.27781   | (18050705) |            |           |
| 387205.81  | 3812268.81 | 27.74168   | (18050705) | 387217.23 |
| 3812248.36 | 26.95874   | (18050705) |            |           |
| 387228.64  | 3812227.90 | 26.14015   | (17031506) | 387240.06 |
| 3812207.45 | 26.50993   | (17031506) |            |           |
| 387251.48  | 3812186.99 | 26.63096   | (17031506) | 387262.90 |
| 3812166.53 | 28.03964   | (20030124) |            |           |
| 387274.32  | 3812146.08 | 28.12094   | (20030124) | 387285.73 |
| 3812125.62 | 24.50631   | (20030124) |            |           |
| 387297.15  | 3812105.17 | 20.60333   | (20030124) | 387308.57 |
| 3812084.71 | 16.64894   | (20030124) |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 744

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387319.99   | 3812064.26         | 12.98991   | (20030124) | 387331.40   |
| 3812043.80  | 9.86576 (20030124) |            |            |             |
| 387342.82   | 3812023.34         | 6.88987    | (20030124) | 387354.24   |
| 3812002.89  | 4.57643 (20030124) |            |            |             |
| 387365.66   | 3811982.43         | 3.11273    | (19031205) | 387377.08   |
| 3811961.98  | 2.71792 (19031205) |            |            |             |
| 387388.49   | 3811941.52         | 2.38695    | (20120417) | 387399.91   |
| 3811921.07  | 2.12373 (20120417) |            |            |             |
| 387411.33   | 3811900.61         | 2.03919    | (20120417) | 387422.75   |
| 3811880.16  | 2.07186 (20120417) |            |            |             |
| 387434.16   | 3811859.70         | 2.31260    | (20120417) | 387445.58   |
| 3811839.24  | 2.37333 (20120417) |            |            |             |
| 387457.00   | 3811818.79         | 2.34956    | (20120417) | 387468.42   |
| 3811798.33  | 2.31744 (20120417) |            |            |             |
| 387479.84   | 3811777.88         | 2.18851    | (20120417) | 387491.25   |
| 3811757.42  | 2.09686 (16072106) |            |            |             |
| 387502.67   | 3811736.97         | 2.07155    | (16072106) | 387514.09   |
| 3811716.51  | 1.87616 (16072106) |            |            |             |
| 387525.51   | 3811696.05         | 1.60773    | (16072106) | 387536.93   |
| 3811675.60  | 1.46251 (16122516) |            |            |             |
| 387548.34   | 3811655.14         | 1.41705    | (19102117) | 387559.76   |
| 3811634.69  | 1.39511 (19102117) |            |            |             |
| 387571.18   | 3811614.23         | 1.37654    | (19102117) | 387582.60   |
| 3811593.78  | 1.36658 (19102117) |            |            |             |
| 387594.01   | 3811573.32         | 1.35500    | (19102117) | 387605.43   |
| 3811552.86  | 1.33883 (19102117) |            |            |             |
| 387616.85   | 3811532.41         | 1.32970    | (19102117) | 387628.27   |
| 3811511.95  | 1.32352 (19102117) |            |            |             |
| 387639.69   | 3811491.50         | 1.31608    | (19102117) | 387651.10   |
| 3811471.04  | 1.30431 (19102117) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387662.52  | 3811450.59         | 1.31039 | (19020717) | 387673.94 |
| 3811430.13 | 1.33627 (19020717) |         |            |           |
| 387685.36  | 3811409.68         | 1.36232 | (19020717) | 387696.77 |
| 3811389.22 | 1.38155 (19020717) |         |            |           |
| 387708.19  | 3811368.76         | 1.39437 | (19020717) | 387719.61 |
| 3811348.31 | 1.40329 (19020717) |         |            |           |
| 387731.03  | 3811327.85         | 1.40872 | (19020717) | 387742.45 |
| 3811307.40 | 1.41590 (19020717) |         |            |           |
| 387753.86  | 3811286.94         | 1.42138 | (19020717) | 387765.28 |
| 3811266.49 | 1.42527 (19020717) |         |            |           |
| 387776.70  | 3811246.03         | 1.42562 | (19020717) | 387788.12 |
| 3811225.57 | 1.42335 (19020717) |         |            |           |
| 387799.54  | 3811205.12         | 1.41774 | (19020717) | 387810.95 |
| 3811184.66 | 1.41388 (19020717) |         |            |           |
| 387822.37  | 3811164.21         | 1.40694 | (19020717) | 387833.79 |
| 3811143.75 | 1.39800 (19020717) |         |            |           |
| 387845.21  | 3811123.30         | 1.38631 | (19020717) | 387856.62 |
| 3811102.84 | 1.37100 (19020717) |         |            |           |
| 387868.04  | 3811082.39         | 1.35129 | (19020717) | 387879.46 |
| 3811061.93 | 1.32792 (19020717) |         |            |           |
| 387890.88  | 3811041.47         | 1.30221 | (19020717) | 387902.30 |
| 3811021.02 | 1.28302 (20090907) |         |            |           |
| 387913.71  | 3811000.56         | 1.27597 | (20090907) | 387925.13 |
| 3810980.11 | 1.26772 (20090907) |         |            |           |
| 387936.55  | 3810959.65         | 1.25826 | (20090907) | 387947.97 |
| 3810939.20 | 1.24765 (20090907) |         |            |           |
| 387959.39  | 3810918.74         | 1.23591 | (20090907) | 387970.80 |
| 3810898.28 | 1.22307 (20090907) |         |            |           |
| 387982.22  | 3810877.83         | 1.23625 | (16121716) | 387993.64 |
| 3810857.37 | 1.26403 (16121716) |         |            |           |
| 388005.06  | 3810836.92         | 1.28949 | (16121716) | 388016.47 |
| 3810816.46 | 1.31309 (16121716) |         |            |           |
| 388027.89  | 3810796.01         | 1.33182 | (16121716) | 388039.31 |
| 3810775.55 | 1.34962 (16121716) |         |            |           |
| 388050.73  | 3810755.10         | 1.36261 | (16121716) | 388062.15 |
| 3810734.64 | 1.37473 (16121716) |         |            |           |
| 388073.56  | 3810714.18         | 1.38316 | (16121716) | 388084.98 |
| 3810693.73 | 1.38964 (16121716) |         |            |           |
| 388096.40  | 3810673.27         | 1.39240 | (16121716) | 388107.82 |
| 3810652.82 | 1.39229 (16121716) |         |            |           |
| 388119.23  | 3810632.36         | 1.38926 | (16121716) | 388130.65 |
| 3810611.91 | 1.38261 (16121716) |         |            |           |
| 388142.07  | 3810591.45         | 1.37318 | (16121716) | 388153.49 |
| 3810570.99 | 1.36152 (16121716) |         |            |           |
| 388164.91  | 3810550.54         | 1.34662 | (16121716) | 388176.32 |
| 3810530.08 | 1.32865 (16121716) |         |            |           |
| 388187.74  | 3810509.63         | 1.30894 | (16121716) | 388199.16 |
| 3810489.17 | 1.28927 (18050318) |         |            |           |
| 388210.58  | 3810468.72         | 1.28288 | (18050318) | 388222.00 |
| 3810448.26 | 1.27641 (19113008) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 745

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388233.41   | 3810427.81         | 1.27431    | (19113008) | 388244.83   |
| 3810407.35  | 1.26926 (19113008) |            |            |             |
| 388256.25   | 3810386.89         | 1.25991    | (19113008) | 388267.67   |
| 3810366.44  | 1.25484 (18030619) |            |            |             |
| 388279.08   | 3810345.98         | 1.27194    | (18030619) | 388290.50   |
| 3810325.53  | 1.29037 (17120408) |            |            |             |
| 388301.92   | 3810305.07         | 1.32234    | (17120408) | 388313.34   |
| 3810284.62  | 1.36171 (17120408) |            |            |             |
| 388324.76   | 3810264.16         | 1.40587    | (19011017) | 388336.17   |
| 3810243.70  | 1.47024 (19011017) |            |            |             |
| 388347.59   | 3810223.25         | 1.54205    | (19011017) | 388359.01   |
| 3810202.79  | 1.60888 (19011017) |            |            |             |
| 388370.43   | 3810182.34         | 1.63293    | (19011017) | 388381.84   |
| 3810161.88  | 1.66706 (19011017) |            |            |             |
| 388393.26   | 3810141.43         | 1.70519    | (19011017) | 388404.68   |
| 3810120.97  | 1.73829 (19011017) |            |            |             |
| 388416.10   | 3810100.52         | 1.76688    | (19011017) | 388427.52   |
| 3810080.06  | 1.79301 (19011017) |            |            |             |
| 388438.93   | 3810059.60         | 1.83380    | (17012518) | 388450.35   |
| 3810039.15  | 1.88810 (17012518) |            |            |             |
| 388461.77   | 3810018.69         | 1.94074    | (17012518) | 388473.19   |
| 3809998.24  | 2.00728 (17012518) |            |            |             |
| 388484.61   | 3809977.78         | 2.05304    | (17012518) | 388496.02   |
| 3809957.33  | 2.09012 (17012518) |            |            |             |
| 388507.44   | 3809936.87         | 2.11431    | (17012518) | 388518.86   |
| 3809916.41  | 2.12721 (17012518) |            |            |             |
| 388530.28   | 3809895.96         | 2.14211    | (17012518) | 388541.69   |
| 3809875.50  | 2.15472 (17012518) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388553.11  | 3809855.05          | 2.20725  | (17011307) | 388564.53 |
| 3809834.59 | 2.32658 (17011307)  |          |            |           |
| 388575.95  | 3809814.14          | 2.45393  | (17011307) | 388587.37 |
| 3809793.68 | 2.58624 (17011307)  |          |            |           |
| 388598.78  | 3809773.23          | 2.71589  | (17011307) | 388610.20 |
| 3809752.77 | 2.86506 (17011307)  |          |            |           |
| 388621.62  | 3809732.31          | 2.96347  | (17011307) | 388633.04 |
| 3809711.86 | 3.02938 (17011307)  |          |            |           |
| 388644.45  | 3809691.40          | 3.04958  | (17011307) | 388655.87 |
| 3809670.95 | 3.27636 (20111518)  |          |            |           |
| 388667.29  | 3809650.49          | 3.64875  | (20111518) | 388678.71 |
| 3809630.04 | 4.29317 (18010221)  |          |            |           |
| 388690.13  | 3809609.58          | 5.04044  | (18010221) | 388701.54 |
| 3809589.12 | 5.92145 (18010221)  |          |            |           |
| 388712.96  | 3809568.67          | 6.78748  | (18010221) | 388724.38 |
| 3809548.21 | 7.31460 (18010221)  |          |            |           |
| 388735.80  | 3809527.76          | 7.66315  | (18010221) | 388747.22 |
| 3809507.30 | 7.72280 (18032807)  |          |            |           |
| 388758.63  | 3809486.85          | 8.56520  | (18032807) | 388770.05 |
| 3809466.39 | 9.68919 (18032807)  |          |            |           |
| 388781.47  | 3809445.94          | 11.35846 | (18032807) | 388792.89 |
| 3809425.48 | 12.83333 (18032807) |          |            |           |
| 388804.30  | 3809405.02          | 13.99194 | (18032807) | 388815.72 |
| 3809384.57 | 15.47625 (18032807) |          |            |           |
| 388827.14  | 3809364.11          | 18.38184 | (18032807) | 388838.56 |
| 3809343.66 | 22.18842 (18032807) |          |            |           |
| 388849.98  | 3809323.20          | 25.98270 | (18032807) | 388861.39 |
| 3809302.75 | 28.21724 (18032807) |          |            |           |
| 388872.81  | 3809282.29          | 28.81207 | (18032807) | 388884.23 |
| 3809261.83 | 26.70579 (18032807) |          |            |           |
| 388895.65  | 3809241.38          | 24.08737 | (18032807) | 388907.07 |
| 3809220.92 | 21.59213 (17122507) |          |            |           |
| 388918.48  | 3809200.47          | 21.33427 | (17122507) | 388929.90 |
| 3809180.01 | 21.29168 (17122507) |          |            |           |
| 388941.32  | 3809159.56          | 22.63186 | (16110418) | 388952.74 |
| 3809139.10 | 25.66999 (16110418) |          |            |           |
| 388964.15  | 3809118.65          | 28.38323 | (16110418) | 388975.57 |
| 3809098.19 | 30.52242 (16110418) |          |            |           |
| 388986.99  | 3809077.73          | 32.16854 | (16110418) | 388998.41 |
| 3809057.28 | 33.37647 (16110418) |          |            |           |
| 389009.83  | 3809036.82          | 34.38350 | (16110418) | 389021.24 |
| 3809016.37 | 35.16949 (16110418) |          |            |           |
| 389032.66  | 3808995.91          | 35.72046 | (16110418) | 389044.08 |
| 3808975.46 | 36.02559 (16110418) |          |            |           |
| 389055.50  | 3808955.00          | 36.07989 | (16110418) | 389066.91 |
| 3808934.54 | 35.88349 (16110418) |          |            |           |
| 389078.33  | 3808914.09          | 35.44186 | (16110418) | 389089.75 |
| 3808893.63 | 34.76501 (16110418) |          |            |           |
| 389101.17  | 3808873.18          | 33.86824 | (16110418) | 389112.59 |
| 3808852.72 | 32.76994 (16110418) |          |            |           |

389124.00 3808832.27 31.49354 (16110418) 389135.42  
 3808811.81 30.06238 (16110418)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 746

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389146.84   | 3808791.36  | 28.50450   | (16110418) | 389158.26   |
| 3808770.90  | 27.99072    | (16122121) |            |             |
| 389169.68   | 3808750.44  | 29.08445   | (16122121) | 389181.09   |
| 3808729.99  | 30.01634    | (16122121) |            |             |
| 389192.51   | 3808709.53  | 30.77081   | (16122121) | 389203.93   |
| 3808689.08  | 31.33349    | (16122121) |            |             |
| 389215.35   | 3808668.62  | 31.69473   | (16122121) | 389226.76   |
| 3808648.17  | 31.84831    | (16122121) |            |             |
| 389238.18   | 3808627.71  | 31.79258   | (16122121) | 389249.60   |
| 3808607.25  | 31.52958    | (16122121) |            |             |
| 389261.02   | 3808586.80  | 31.06573   | (16122121) | 389272.44   |
| 3808566.34  | 30.41076    | (16122121) |            |             |
| 389283.85   | 3808545.89  | 29.57883   | (16122121) | 389295.27   |
| 3808525.43  | 28.58528    | (16122121) |            |             |
| 389306.69   | 3808504.98  | 28.49224   | (20040905) | 389318.11   |
| 3808484.52  | 28.61612    | (20040905) |            |             |
| 389329.52   | 3808464.07  | 28.55762   | (20040905) | 389340.94   |
| 3808443.61  | 28.31884    | (20040905) |            |             |
| 389375.64   | 3808420.57  | 27.41266   | (20040905) | 389398.93   |
| 3808417.99  | 26.76403    | (20040905) |            |             |
| 389422.21   | 3808415.41  | 26.64172   | (17021606) | 389445.50   |
| 3808412.83  | 27.01389    | (17021606) |            |             |
| 389468.78   | 3808410.24  | 27.22320   | (17021606) | 389492.06   |
| 3808407.66  | 27.26496    | (17021606) |            |             |
| 389515.35   | 3808405.08  | 27.13733   | (17021606) | 389538.63   |
| 3808402.50  | 26.84178    | (17021606) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389561.91  | 3808399.92          | 26.38280 | (17021606) | 389585.20 |
| 3808397.34 | 25.76764 (17021606) |          |            |           |
| 389608.48  | 3808394.75          | 25.00689 | (17021606) | 389631.77 |
| 3808392.17 | 24.11333 (17021606) |          |            |           |
| 389655.05  | 3808389.59          | 23.10250 | (17021606) | 389678.33 |
| 3808387.01 | 21.99088 (17021606) |          |            |           |
| 389701.62  | 3808384.43          | 20.79605 | (17021606) | 389724.90 |
| 3808381.84 | 19.89815 (20121922) |          |            |           |
| 389748.18  | 3808379.26          | 21.67666 | (20121922) | 389771.47 |
| 3808376.68 | 23.46447 (20121922) |          |            |           |
| 389794.75  | 3808374.10          | 25.23624 | (20121922) | 389818.04 |
| 3808371.52 | 26.96771 (20121922) |          |            |           |
| 389841.32  | 3808368.94          | 28.63060 | (20121922) | 389864.60 |
| 3808366.35 | 30.19846 (20121922) |          |            |           |
| 389887.89  | 3808363.77          | 31.64382 | (20121922) | 389911.17 |
| 3808361.19 | 32.93942 (20121922) |          |            |           |
| 389934.45  | 3808358.61          | 34.06112 | (20121922) | 389957.74 |
| 3808356.03 | 34.98692 (20121922) |          |            |           |
| 389981.02  | 3808353.44          | 35.69703 | (20121922) | 390004.31 |
| 3808350.86 | 36.17645 (20121922) |          |            |           |
| 390027.59  | 3808348.28          | 36.41397 | (20121922) | 390050.87 |
| 3808345.70 | 36.40365 (20121922) |          |            |           |
| 390074.16  | 3808343.12          | 36.14418 | (20121922) | 390097.44 |
| 3808340.54 | 35.63971 (20121922) |          |            |           |
| 390120.72  | 3808337.95          | 34.89891 | (20121922) | 390144.01 |
| 3808335.37 | 33.93555 (20121922) |          |            |           |
| 390167.29  | 3808332.79          | 32.76827 | (20121922) | 390190.58 |
| 3808330.21 | 31.41801 (20121922) |          |            |           |
| 390213.86  | 3808327.63          | 29.91080 | (20121922) | 390237.14 |
| 3808325.04 | 28.27293 (20121922) |          |            |           |
| 390260.43  | 3808322.46          | 27.87960 | (16011701) | 390283.71 |
| 3808319.88 | 27.41011 (16011701) |          |            |           |
| 390306.99  | 3808317.30          | 27.10767 | (18092722) | 390330.28 |
| 3808314.72 | 27.72689 (18092722) |          |            |           |
| 390353.56  | 3808312.14          | 28.15783 | (18092722) | 390376.85 |
| 3808309.55 | 28.39065 (18092722) |          |            |           |
| 390400.13  | 3808306.97          | 28.41908 | (18092722) | 390423.41 |
| 3808304.39 | 28.24161 (18092722) |          |            |           |
| 390446.70  | 3808301.81          | 27.86084 | (18092722) | 390469.98 |
| 3808299.23 | 27.28428 (18092722) |          |            |           |
| 390493.27  | 3808296.64          | 26.52264 | (18092722) | 390516.55 |
| 3808294.06 | 25.59214 (18092722) |          |            |           |
| 390539.83  | 3808291.48          | 24.51083 | (18092722) | 390563.12 |
| 3808288.90 | 23.29940 (18092722) |          |            |           |
| 390586.40  | 3808286.32          | 24.18336 | (20021206) | 390609.68 |
| 3808283.74 | 25.27931 (20021206) |          |            |           |
| 390632.97  | 3808281.15          | 26.22942 | (20021206) | 390656.25 |
| 3808278.57 | 27.01177 (20021206) |          |            |           |
| 390679.54  | 3808275.99          | 27.60933 | (20021206) | 390702.82 |
| 3808273.41 | 28.00746 (20021206) |          |            |           |

390726.10 3808270.83 28.19651 (20021206) 390749.39  
 3808268.24 28.17103 (20021206)  
 390772.67 3808265.66 27.93069 (20021206) 390795.95  
 3808263.08 28.57085 (20013022)

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 747

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390819.24   | 3808260.50  | 29.49585   | (20013022) | 390842.52   |
| 3808257.92  | 30.21685    | (20013022) |            |             |
| 390865.81   | 3808255.34  | 30.71714   | (20013022) | 390889.09   |
| 3808252.75  | 30.98377    | (20013022) |            |             |
| 390912.37   | 3808250.17  | 31.00967   | (20013022) | 390935.66   |
| 3808247.59  | 30.79303    | (20013022) |            |             |
| 390958.94   | 3808245.01  | 30.33797   | (20013022) | 390982.22   |
| 3808242.43  | 30.73603    | (18120918) |            |             |
| 391005.51   | 3808239.84  | 31.53941   | (18120918) | 391028.79   |
| 3808237.26  | 32.10819    | (18120918) |            |             |
| 391052.08   | 3808234.68  | 32.42857   | (18120918) | 391075.36   |
| 3808232.10  | 32.49155    | (18120918) |            |             |
| 391098.64   | 3808229.52  | 34.04276   | (18120308) | 391121.93   |
| 3808226.94  | 35.53401    | (18120308) |            |             |
| 391145.21   | 3808224.35  | 36.79376   | (18120308) | 391168.49   |
| 3808221.77  | 37.79236    | (18120308) |            |             |
| 391191.78   | 3808219.19  | 38.50561   | (18120308) | 391215.06   |
| 3808216.61  | 38.91459    | (18120308) |            |             |
| 391238.35   | 3808214.03  | 39.00843   | (18120308) | 391261.63   |
| 3808211.44  | 38.78327    | (18120308) |            |             |
| 391284.91   | 3808208.86  | 38.24360   | (18120308) | 391308.20   |
| 3808206.28  | 37.40081    | (18120308) |            |             |
| 391331.48   | 3808203.70  | 36.27468   | (18120308) | 391354.76   |
| 3808201.12  | 34.89057    | (18120308) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391378.05  | 3808198.54 | 33.97099   | (20010220) | 391401.33 |
| 3808195.95 | 34.04743   | (20010220) |            |           |
| 391424.62  | 3808193.37 | 33.83984   | (20010220) | 391447.90 |
| 3808190.79 | 35.00399   | (17123103) |            |           |
| 391471.18  | 3808188.21 | 36.25941   | (17123103) | 391494.47 |
| 3808185.63 | 37.24621   | (17123103) |            |           |
| 391517.75  | 3808183.04 | 37.93835   | (17123103) | 391541.03 |
| 3808180.46 | 38.31776   | (17123103) |            |           |
| 391564.32  | 3808177.88 | 38.37368   | (17123103) | 391587.60 |
| 3808175.30 | 38.10342   | (17123103) |            |           |
| 391610.89  | 3808172.72 | 37.51242   | (17123103) | 391634.17 |
| 3808170.14 | 36.61492   | (17123103) |            |           |
| 391657.45  | 3808167.55 | 35.43183   | (17123103) | 391680.74 |
| 3808164.97 | 33.99109   | (17123103) |            |           |
| 391704.02  | 3808162.39 | 32.32735   | (17123103) | 391727.30 |
| 3808159.81 | 31.12486   | (17102717) |            |           |
| 391750.59  | 3808157.23 | 32.73596   | (17102717) | 391773.87 |
| 3808154.64 | 34.13305   | (17102717) |            |           |
| 391797.16  | 3808152.06 | 35.28219   | (17102717) | 391820.44 |
| 3808149.48 | 36.15300   | (17102717) |            |           |
| 391843.72  | 3808146.90 | 36.72278   | (17102717) | 391867.01 |
| 3808144.32 | 36.97573   | (17102717) |            |           |
| 391890.29  | 3808141.74 | 36.90392   | (17102717) | 391913.57 |
| 3808139.15 | 36.50822   | (17102717) |            |           |
| 391936.86  | 3808136.57 | 35.79782   | (17102717) | 391960.14 |
| 3808133.99 | 34.79070   | (17102717) |            |           |
| 391983.43  | 3808131.41 | 33.51099   | (17102717) | 392006.71 |
| 3808128.83 | 31.99110   | (17102717) |            |           |
| 392029.99  | 3808126.24 | 32.15362   | (19020706) | 392053.28 |
| 3808123.66 | 33.98663   | (19020706) |            |           |
| 392076.56  | 3808121.08 | 35.60392   | (19020706) | 392099.85 |
| 3808118.50 | 36.96617   | (19020706) |            |           |
| 392123.13  | 3808115.92 | 38.03674   | (19020706) | 392146.41 |
| 3808113.34 | 38.78738   | (19020706) |            |           |
| 392169.70  | 3808110.75 | 39.19725   | (19020706) | 392192.98 |
| 3808108.17 | 39.25395   | (19020706) |            |           |
| 392216.26  | 3808105.59 | 38.95519   | (19020706) | 392239.55 |
| 3808103.01 | 38.30772   | (19020706) |            |           |
| 392262.83  | 3808100.43 | 37.32853   | (19020706) | 392286.12 |
| 3808097.84 | 36.04169   | (19020706) |            |           |
| 392309.40  | 3808095.26 | 34.48145   | (19020706) | 392332.68 |
| 3808092.68 | 32.70541   | (17021124) |            |           |
| 392355.97  | 3808090.10 | 34.68080   | (17021124) | 392379.25 |
| 3808087.52 | 36.43873   | (17021124) |            |           |
| 392402.53  | 3808084.94 | 37.93530   | (17021124) | 392425.82 |
| 3808082.35 | 39.13146   | (17021124) |            |           |
| 392449.10  | 3808079.77 | 39.99334   | (17021124) | 392472.39 |
| 3808077.19 | 40.49747   | (17021124) |            |           |
| 392495.67  | 3808074.61 | 40.62865   | (17021124) | 392518.95 |
| 3808072.03 | 40.38262   | (17021124) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392542.24  | 3808069.44 | 39.76483   | (17021124) | 392565.52 |
| 3808066.86 | 38.79224   | (17021124) |            |           |
| 392588.80  | 3808064.28 | 37.49028   | (17021124) | 392612.09 |
| 3808061.70 | 35.89236   | (17021124) |            |           |
| 392635.37  | 3808059.12 | 35.38438   | (20031204) | 392658.66 |
| 3808056.53 | 35.34496   | (20031204) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 748

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 392681.94   | 3808053.95  | 34.97466   | (20031204) | 392705.22   |
| 3808051.37  | 34.28317    | (20031204) |            |             |
| 392728.51   | 3808048.79  | 33.28855   | (20031204) | 392751.79   |
| 3808046.21  | 32.01819    | (20031204) |            |             |
| 392775.07   | 3808043.63  | 31.64316   | (16102920) | 392798.36   |
| 3808041.04  | 33.77609    | (16102920) |            |             |
| 392821.64   | 3808038.46  | 35.71171   | (16102920) | 392844.93   |
| 3808035.88  | 37.40243    | (16102920) |            |             |
| 392868.21   | 3808033.30  | 38.80188   | (16102920) | 392891.49   |
| 3808030.72  | 39.87237    | (16102920) |            |             |
| 392914.78   | 3808028.13  | 40.58382   | (16102920) | 392938.06   |
| 3808025.55  | 40.91490    | (16102920) |            |             |
| 392961.34   | 3808022.97  | 40.85596   | (16102920) | 392984.63   |
| 3808020.39  | 40.40775    | (16102920) |            |             |
| 393007.91   | 3808017.81  | 39.58278   | (16102920) | 393031.20   |
| 3808015.23  | 39.51875    | (16040119) |            |             |
| 393054.48   | 3808012.64  | 40.40028   | (16040119) | 393077.76   |
| 3808010.06  | 40.90619    | (16040119) |            |             |
| 393101.05   | 3808007.48  | 41.02148   | (16040119) | 393124.33   |
| 3808004.90  | 40.74215    | (16040119) |            |             |
| 393147.61   | 3808002.32  | 40.07581   | (16040119) | 393566.72   |
| 3807955.84  | 35.88557    | (17012519) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393590.01  | 3807953.26 | 37.64320   | (17012519) | 393613.29 |
| 3807950.68 | 39.10147   | (17012519) |            |           |
| 393636.57  | 3807948.10 | 40.22050   | (17012519) | 393659.86 |
| 3807945.52 | 40.96853   | (17012519) |            |           |
| 393683.14  | 3807942.93 | 41.32307   | (17012519) | 393706.42 |
| 3807940.35 | 41.27408   | (17012519) |            |           |
| 393729.71  | 3807937.77 | 40.82252   | (17012519) | 393752.99 |
| 3807935.19 | 39.98177   | (17012519) |            |           |
| 393776.28  | 3807932.61 | 38.77526   | (17012519) | 393799.56 |
| 3807930.03 | 37.23806   | (17012519) |            |           |
| 393822.84  | 3807927.44 | 35.41203   | (17012519) | 393846.13 |
| 3807924.86 | 34.38225   | (17121817) |            |           |
| 393869.41  | 3807922.28 | 36.33323   | (17121817) | 393892.70 |
| 3807919.70 | 38.02021   | (17121817) |            |           |
| 393915.98  | 3807917.12 | 39.39574   | (17121817) | 393939.26 |
| 3807914.53 | 40.42199   | (17121817) |            |           |
| 393962.55  | 3807911.95 | 41.06980   | (17121817) | 393985.83 |
| 3807909.37 | 41.31980   | (17121817) |            |           |
| 394009.11  | 3807906.79 | 41.16507   | (17121817) | 394032.40 |
| 3807904.21 | 40.60986   | (17121817) |            |           |
| 394055.68  | 3807901.63 | 39.67084   | (17121817) | 394078.97 |
| 3807899.04 | 38.37417   | (17121817) |            |           |
| 394102.25  | 3807896.46 | 36.75780   | (17121817) | 394125.53 |
| 3807893.88 | 34.86556   | (17121817) |            |           |
| 394148.82  | 3807891.30 | 32.74678   | (17121817) | 394172.10 |
| 3807888.72 | 30.45710   | (17121817) |            |           |
| 394195.38  | 3807886.13 | 30.31193   | (16012117) | 394218.67 |
| 3807883.55 | 31.32789   | (16012117) |            |           |
| 394241.95  | 3807880.97 | 32.06141   | (16012117) | 394265.24 |
| 3807878.39 | 32.49219   | (16012117) |            |           |
| 394288.52  | 3807875.81 | 34.13931   | (17122407) | 394311.80 |
| 3807873.23 | 36.11348   | (17122407) |            |           |
| 394335.09  | 3807870.64 | 37.82985   | (17122407) | 394358.37 |
| 3807868.06 | 39.24070   | (17122407) |            |           |
| 394381.65  | 3807865.48 | 40.30780   | (17122407) | 394404.94 |
| 3807862.90 | 41.00129   | (17122407) |            |           |
| 394428.22  | 3807860.32 | 41.30087   | (17122407) | 394451.51 |
| 3807857.73 | 41.19834   | (17122407) |            |           |
| 394474.79  | 3807855.15 | 40.69724   | (17122407) | 394498.07 |
| 3807852.57 | 39.81239   | (17122407) |            |           |
| 394521.36  | 3807849.99 | 38.56884   | (17122407) | 394544.64 |
| 3807847.41 | 37.00284   | (17122407) |            |           |
| 394567.92  | 3807844.83 | 35.15705   | (17122407) | 394591.21 |
| 3807842.24 | 34.35816   | (18061202) |            |           |
| 394614.49  | 3807839.66 | 36.26054   | (18061202) | 394637.78 |
| 3807837.08 | 37.89841   | (18061202) |            |           |
| 394661.06  | 3807834.50 | 39.22647   | (18061202) | 394684.34 |
| 3807831.92 | 40.20907   | (18061202) |            |           |
| 394707.63  | 3807829.33 | 40.81900   | (18061202) | 394730.91 |
| 3807826.75 | 41.03886   | (18061202) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394754.19  | 3807824.17 | 40.86314   | (18061202) | 394777.48 |
| 3807821.59 | 40.29711   | (18061202) |            |           |
| 394800.76  | 3807819.01 | 39.35796   | (18061202) | 394824.05 |
| 3807816.43 | 38.07191   | (18061202) |            |           |
| 394847.33  | 3807813.84 | 36.78210   | (20113008) | 394870.61 |
| 3807811.26 | 37.13355   | (20113008) |            |           |
| 394893.90  | 3807808.68 | 37.12994   | (20113008) | 394917.18 |
| 3807806.10 | 36.77192   | (20113008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 749

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 394940.46   | 3807803.52  | 36.07035   | (20113008) | 394963.75   |
| 3807800.93  | 35.04502    | (20113008) |            |             |
| 394987.03   | 3807798.35  | 33.72582   | (20113008) | 395010.32   |
| 3807795.77  | 32.14777    | (20113008) |            |             |
| 395033.60   | 3807793.19  | 33.54769   | (16010220) | 395056.88   |
| 3807790.61  | 35.49366    | (16010220) |            |             |
| 395080.17   | 3807788.03  | 37.19647   | (16010220) | 395103.45   |
| 3807785.44  | 38.61054    | (16010220) |            |             |
| 395126.73   | 3807782.86  | 39.69931   | (16010220) | 395150.02   |
| 3807780.28  | 40.43372    | (16010220) |            |             |
| 395173.30   | 3807777.70  | 40.79336   | (16010220) | 395196.59   |
| 3807775.12  | 40.76922    | (16010220) |            |             |
| 395219.87   | 3807772.53  | 40.36275   | (16010220) | 395243.15   |
| 3807769.95  | 39.58631    | (16010220) |            |             |
| 395266.44   | 3807767.37  | 38.46155   | (16010220) | 395289.72   |
| 3807764.79  | 37.02077    | (16010220) |            |             |
| 395313.00   | 3807762.21  | 35.30246   | (16010220) | 395336.29   |
| 3807759.63  | 33.35050    | (16010220) |            |             |
| 395359.57   | 3807757.04  | 35.25585   | (16120407) | 395382.86   |
| 3807754.46  | 36.93990    | (16120407) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395406.14  | 3807751.88 | 38.34361   | (16120407) | 395429.42 |
| 3807749.30 | 39.43151   | (16120407) |            |           |
| 395452.71  | 3807746.72 | 40.17537   | (16120407) | 395475.99 |
| 3807744.13 | 40.55506   | (16120407) |            |           |
| 395499.27  | 3807741.55 | 40.56161   | (16120407) | 395522.56 |
| 3807738.97 | 40.19549   | (16120407) |            |           |
| 395545.84  | 3807736.39 | 39.46800   | (16120407) | 395569.13 |
| 3807733.81 | 38.39919   | (16120407) |            |           |
| 395592.41  | 3807731.23 | 37.01934   | (16120407) | 395615.69 |
| 3807728.64 | 35.36478   | (16120407) |            |           |
| 395638.98  | 3807726.06 | 33.47712   | (16120407) | 395662.26 |
| 3807723.48 | 31.40440   | (16120407) |            |           |
| 395685.55  | 3807720.90 | 29.19339   | (16120407) | 395708.83 |
| 3807718.32 | 27.31378   | (20031107) |            |           |
| 395732.11  | 3807715.73 | 28.13166   | (20031107) | 395755.40 |
| 3807713.15 | 28.71269   | (20031107) |            |           |
| 395778.68  | 3807710.57 | 29.04160   | (20031107) | 395801.96 |
| 3807707.99 | 29.11065   | (20031107) |            |           |
| 395825.25  | 3807705.41 | 28.91866   | (20031107) | 395848.53 |
| 3807702.83 | 28.47169   | (20031107) |            |           |
| 395871.82  | 3807700.24 | 28.64509   | (17031703) | 395895.10 |
| 3807697.66 | 29.41048   | (17031703) |            |           |
| 395918.38  | 3807695.08 | 29.92781   | (17031703) | 395941.67 |
| 3807692.50 | 30.18436   | (17031703) |            |           |
| 395964.95  | 3807689.92 | 30.17399   | (17031703) | 395988.23 |
| 3807687.33 | 29.89800   | (17031703) |            |           |
| 396011.52  | 3807684.75 | 30.94169   | (16022404) | 396034.80 |
| 3807682.17 | 31.96696   | (16022404) |            |           |
| 396058.09  | 3807679.59 | 32.73658   | (16022404) | 396081.37 |
| 3807677.01 | 33.23106   | (16022404) |            |           |
| 396104.65  | 3807674.43 | 33.43897   | (16022404) | 396127.94 |
| 3807671.84 | 33.44436   | (20021818) |            |           |
| 396151.22  | 3807669.26 | 35.08394   | (20021818) | 396174.50 |
| 3807666.68 | 36.48403   | (20021818) |            |           |
| 396197.79  | 3807664.10 | 37.61189   | (20021818) | 396221.07 |
| 3807661.52 | 38.43951   | (20021818) |            |           |
| 396244.36  | 3807658.93 | 38.94774   | (20021818) | 396267.64 |
| 3807656.35 | 39.12457   | (20021818) |            |           |
| 396290.92  | 3807653.77 | 38.96688   | (20021818) | 396314.21 |
| 3807651.19 | 38.47966   | (20021818) |            |           |
| 396337.49  | 3807648.61 | 37.67687   | (20021818) | 396360.77 |
| 3807646.03 | 37.98469   | (16010907) |            |           |
| 396384.06  | 3807643.44 | 38.76532   | (16010907) | 396407.34 |
| 3807640.86 | 39.22793   | (16010907) |            |           |
| 396430.63  | 3807638.28 | 39.36246   | (16010907) | 396453.91 |
| 3807635.70 | 39.16669   | (16010907) |            |           |
| 396477.19  | 3807633.12 | 38.64696   | (16010907) | 396500.48 |
| 3807630.53 | 37.81700   | (16010907) |            |           |
| 396523.76  | 3807627.95 | 37.76585   | (18020908) | 396547.04 |
| 3807625.37 | 38.51022   | (18020908) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396570.33  | 3807622.79 | 38.94452   | (18020908) | 396593.61 |
| 3807620.21 | 39.05899   | (18020908) |            |           |
| 396616.90  | 3807617.63 | 38.85224   | (18020908) | 396640.18 |
| 3807615.04 | 38.33083   | (18020908) |            |           |
| 396663.46  | 3807612.46 | 37.50873   | (18020908) | 396686.75 |
| 3807609.88 | 36.40630   | (18020908) |            |           |
| 396710.03  | 3807607.30 | 35.05150   | (18020908) | 396733.31 |
| 3807604.72 | 33.47591   | (18020908) |            |           |
| 396756.60  | 3807602.13 | 31.71459   | (18020908) | 396779.88 |
| 3807599.55 | 32.47543   | (16012621) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 750

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 396803.17   | 3807596.97  | 33.93196   | (16012621) | 396826.45   |
| 3807594.39  | 35.16800    | (16012621) |            |             |
| 396849.73   | 3807591.81  | 36.15730   | (16012621) | 396873.02   |
| 3807589.22  | 36.87837    | (16012621) |            |             |
| 396896.30   | 3807586.64  | 37.31522   | (16012621) | 396919.58   |
| 3807584.06  | 37.45911    | (16012621) |            |             |
| 396942.87   | 3807581.48  | 37.30786   | (16012621) | 396966.15   |
| 3807578.90  | 36.86648    | (16012621) |            |             |
| 396989.44   | 3807576.32  | 36.14619   | (16012621) | 397012.72   |
| 3807573.73  | 36.41637    | (18120420) |            |             |
| 397036.00   | 3807571.15  | 37.18160   | (18120420) | 397059.29   |
| 3807568.57  | 37.66859    | (18120420) |            |             |
| 397082.57   | 3807565.99  | 37.86706   | (18120420) | 397105.85   |
| 3807563.41  | 37.77409    | (18120420) |            |             |
| 397129.14   | 3807560.82  | 37.39296   | (18120420) | 397152.42   |
| 3807558.24  | 36.73408    | (18120420) |            |             |
| 397175.71   | 3807555.66  | 35.81299   | (18120420) | 397198.99   |
| 3807553.08  | 34.65208    | (18120420) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397222.27  | 3807550.50 | 33.27722   | (18120420) | 397245.56 |
| 3807547.92 | 31.71753   | (18120420) |            |           |
| 397268.84  | 3807545.33 | 31.55427   | (18011720) | 397292.12 |
| 3807542.75 | 33.08255   | (18011720) |            |           |
| 397315.41  | 3807540.17 | 34.42472   | (18011720) | 397338.69 |
| 3807537.59 | 35.55280   | (18011720) |            |           |
| 397361.98  | 3807535.01 | 36.44503   | (18011720) | 397385.26 |
| 3807532.42 | 37.08255   | (18011720) |            |           |
| 397408.54  | 3807529.84 | 37.45354   | (18011720) | 397431.83 |
| 3807527.26 | 37.55110   | (18011720) |            |           |
| 397455.11  | 3807524.68 | 37.37441   | (18011720) | 397478.40 |
| 3807522.10 | 36.92855   | (18011720) |            |           |
| 397501.68  | 3807519.52 | 36.22490   | (18011720) | 397524.96 |
| 3807516.93 | 35.80096   | (17122508) |            |           |
| 397548.25  | 3807514.35 | 36.54043   | (17122508) | 397571.53 |
| 3807511.77 | 37.02684   | (17122508) |            |           |
| 397594.81  | 3807509.19 | 37.25159   | (17122508) | 397618.10 |
| 3807506.61 | 37.21123   | (17122508) |            |           |
| 397641.38  | 3807504.02 | 36.90804   | (17122508) | 397664.67 |
| 3807501.44 | 36.34956   | (17122508) |            |           |
| 397687.95  | 3807498.86 | 35.54924   | (17122508) | 385253.36 |
| 3815766.72 | 17.14216   | (16060403) |            |           |
| 385252.57  | 3815790.20 | 18.97925   | (16060403) | 385251.79 |
| 3815813.67 | 20.82869   | (16060403) |            |           |
| 385251.00  | 3815837.14 | 22.97702   | (17122717) | 385250.22 |
| 3815860.61 | 26.03022   | (17122717) |            |           |
| 385249.43  | 3815884.09 | 29.92529   | (17122717) | 385248.64 |
| 3815907.56 | 33.58995   | (17122717) |            |           |
| 385247.86  | 3815931.03 | 35.29536   | (17122717) | 385247.07 |
| 3815954.50 | 34.93857   | (17122717) |            |           |
| 385246.29  | 3815977.98 | 34.30920   | (17122717) | 385245.50 |
| 3816001.45 | 33.42247   | (17122717) |            |           |
| 385244.71  | 3816024.92 | 32.74100   | (18010804) | 385243.93 |
| 3816048.39 | 33.24171   | (18010804) |            |           |
| 383932.19  | 3815701.65 | 7.70220    | (16060403) | 383943.61 |
| 3815681.19 | 9.01752    | (16060403) |            |           |
| 383955.04  | 3815660.73 | 10.90180   | (16060403) | 383966.46 |
| 3815640.26 | 12.97516   | (16060403) |            |           |
| 383977.88  | 3815619.80 | 13.68980   | (16060403) | 383989.30 |
| 3815599.34 | 12.06193   | (16060403) |            |           |
| 384000.72  | 3815578.88 | 9.40652    | (16060403) | 384012.14 |
| 3815558.42 | 7.39606    | (19020106) |            |           |
| 384023.56  | 3815537.95 | 5.97062    | (19020106) | 384034.98 |
| 3815517.49 | 5.26675    | (19020106) |            |           |
| 384046.41  | 3815497.03 | 4.43780    | (19020106) | 384057.83 |
| 3815476.57 | 3.90554    | (19020106) |            |           |
| 384069.25  | 3815456.11 | 3.37729    | (19020106) | 384080.67 |
| 3815435.65 | 3.13646    | (19020106) |            |           |
| 384092.09  | 3815415.18 | 3.31191    | (19020106) | 384103.51 |
| 3815394.72 | 3.73167    | (19020106) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384114.93  | 3815374.26         | 4.33414 | (19020106) | 384126.35 |
| 3815353.80 | 5.17276 (17122417) |         |            |           |
| 384137.78  | 3815333.34         | 5.93069 | (17122417) | 384149.20 |
| 3815312.88 | 6.35485 (17122417) |         |            |           |
| 384160.62  | 3815292.41         | 6.32379 | (17122417) | 384172.04 |
| 3815271.95 | 5.95803 (17122417) |         |            |           |
| 384183.46  | 3815251.49         | 5.14896 | (17122417) | 384194.88 |
| 3815231.03 | 4.26606 (17122417) |         |            |           |
| 384206.30  | 3815210.57         | 3.36095 | (16012217) | 384217.72 |
| 3815190.10 | 2.82151 (19112320) |         |            |           |
| 384229.15  | 3815169.64         | 2.77447 | (19112320) | 384240.57 |
| 3815149.18 | 2.81764 (19112320) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 751

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 384251.99   | 3815128.72         | 2.97688    | (16012217) | 384263.41   |
| 3815108.26  | 3.15961 (16012217) |            |            |             |
| 384274.83   | 3815087.80         | 3.29018    | (16012217) | 384286.25   |
| 3815067.33  | 3.39480 (16012217) |            |            |             |
| 384297.67   | 3815046.87         | 3.64273    | (16012217) | 384309.09   |
| 3815026.41  | 4.02449 (16012217) |            |            |             |
| 384320.52   | 3815005.95         | 4.53139    | (18091705) | 384331.94   |
| 3814985.49  | 5.26716 (18091705) |            |            |             |
| 384343.36   | 3814965.03         | 6.01599    | (18091705) | 384354.78   |
| 3814944.56  | 6.49971 (18091705) |            |            |             |
| 384366.20   | 3814924.10         | 6.44654    | (18091705) | 384377.62   |
| 3814903.64  | 5.90342 (18091705) |            |            |             |
| 384389.04   | 3814883.18         | 5.07447    | (18091705) | 384400.47   |
| 3814862.72  | 4.57888 (20091204) |            |            |             |
| 384411.89   | 3814842.25         | 4.10184    | (20091204) | 384423.31   |
| 3814821.79  | 3.68448 (20091204) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384434.73  | 3814801.33         | 3.33298 | (20091204) | 384446.15 |
| 3814780.87 | 2.92275 (20091204) |         |            |           |
| 384457.57  | 3814760.41         | 2.50067 | (20091204) | 384468.99 |
| 3814739.95 | 2.40853 (20040906) |         |            |           |
| 384480.41  | 3814719.48         | 2.35034 | (20040906) | 384491.84 |
| 3814699.02 | 2.29391 (20040906) |         |            |           |
| 384503.26  | 3814678.56         | 2.22161 | (20040906) | 384514.68 |
| 3814658.10 | 2.18285 (19120409) |         |            |           |
| 384526.10  | 3814637.64         | 2.18797 | (19120409) | 384537.52 |
| 3814617.18 | 2.19166 (19120409) |         |            |           |
| 384548.94  | 3814596.71         | 2.19389 | (19120409) | 384560.36 |
| 3814576.25 | 1.85180 (19120409) |         |            |           |
| 384571.78  | 3814555.79         | 1.62992 | (20040906) | 384583.21 |
| 3814535.33 | 1.52710 (20040906) |         |            |           |
| 384594.63  | 3814514.87         | 1.44238 | (17083021) | 384606.05 |
| 3814494.40 | 1.37251 (17083021) |         |            |           |
| 384617.47  | 3814473.94         | 1.31459 | (17083021) | 384628.89 |
| 3814453.48 | 1.35792 (17083021) |         |            |           |
| 384640.31  | 3814433.02         | 1.45673 | (17083021) | 384651.73 |
| 3814412.56 | 1.50827 (17083021) |         |            |           |
| 384663.15  | 3814392.10         | 1.43418 | (17083021) | 384674.58 |
| 3814371.63 | 1.41455 (17083021) |         |            |           |
| 384686.00  | 3814351.17         | 1.48566 | (17083021) | 384697.42 |
| 3814330.71 | 1.60432 (17083021) |         |            |           |
| 384708.84  | 3814310.25         | 2.07219 | (19120409) | 384720.26 |
| 3814289.79 | 2.05305 (19120409) |         |            |           |
| 384731.68  | 3814269.33         | 2.06620 | (19101006) | 384743.10 |
| 3814248.86 | 2.17249 (19101006) |         |            |           |
| 384754.52  | 3814228.40         | 2.19797 | (19101006) | 384765.95 |
| 3814207.94 | 2.20969 (19101006) |         |            |           |
| 384777.37  | 3814187.48         | 2.22792 | (19101006) | 384788.79 |
| 3814167.02 | 2.23841 (19101006) |         |            |           |
| 384800.21  | 3814146.55         | 2.24334 | (19101006) | 384811.63 |
| 3814126.09 | 2.25848 (19101006) |         |            |           |
| 384823.05  | 3814105.63         | 2.29144 | (19101006) | 384834.47 |
| 3814085.17 | 2.35314 (19101006) |         |            |           |
| 384845.89  | 3814064.71         | 2.40334 | (19101006) | 384857.32 |
| 3814044.25 | 2.34091 (19101006) |         |            |           |
| 384868.74  | 3814023.78         | 2.21030 | (19101006) | 384880.16 |
| 3814003.32 | 2.06381 (19101006) |         |            |           |
| 384891.58  | 3813982.86         | 1.90880 | (18111321) | 384903.00 |
| 3813962.40 | 1.89160 (18111321) |         |            |           |
| 384914.42  | 3813941.94         | 1.82777 | (18111321) | 384925.84 |
| 3813921.48 | 1.74471 (18111321) |         |            |           |
| 384937.26  | 3813901.01         | 1.55393 | (18111321) | 384948.69 |
| 3813880.55 | 1.40338 (20111303) |         |            |           |
| 384960.11  | 3813860.09         | 1.30369 | (20111303) | 384971.53 |
| 3813839.63 | 1.30426 (20111303) |         |            |           |
| 384982.95  | 3813819.17         | 1.43024 | (20111303) | 384994.37 |
| 3813798.70 | 1.56965 (20111303) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385005.79  | 3813778.24 | 1.77108    | (20111303) | 385017.21 |
| 3813757.78 | 1.95549    | (20111303) |            |           |
| 385028.63  | 3813737.32 | 2.10504    | (20111303) | 385040.06 |
| 3813716.86 | 2.09825    | (20111303) |            |           |
| 385051.48  | 3813696.40 | 2.06528    | (20111303) | 385062.90 |
| 3813675.93 | 1.99433    | (20111303) |            |           |
| 385074.32  | 3813655.47 | 1.98749    | (20111303) | 385085.74 |
| 3813635.01 | 2.02301    | (20111303) |            |           |
| 385097.16  | 3813614.55 | 2.11463    | (20111303) | 385108.58 |
| 3813594.09 | 2.24177    | (20111303) |            |           |
| 385120.00  | 3813573.62 | 2.37031    | (19101107) | 385131.43 |
| 3813553.16 | 2.64095    | (19101107) |            |           |
| 385142.85  | 3813532.70 | 3.25529    | (17030404) | 385154.27 |
| 3813512.24 | 4.16562    | (17030404) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 752

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385165.69   | 3813491.78  | 5.17436    | (17030404) | 385177.11   |
| 3813471.32  | 5.56939     | (19091724) |            |             |
| 385188.53   | 3813450.85  | 5.46502    | (19091724) | 385199.95   |
| 3813430.39  | 5.21405     | (19091724) |            |             |
| 385211.37   | 3813409.93  | 4.76471    | (19091724) | 385222.80   |
| 3813389.47  | 4.22384     | (19091724) |            |             |
| 385234.22   | 3813369.01  | 3.80418    | (19122522) | 385245.64   |
| 3813348.55  | 3.27052     | (19122522) |            |             |
| 385257.06   | 3813328.08  | 2.82429    | (20030202) | 385268.48   |
| 3813307.62  | 2.64372     | (16021908) |            |             |
| 385279.90   | 3813287.16  | 2.45110    | (16021908) | 385291.32   |
| 3813266.70  | 2.22413     | (16021908) |            |             |
| 385302.74   | 3813246.24  | 2.02058    | (16021908) | 385314.17   |
| 3813225.77  | 1.85138     | (16021908) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 385325.59  | 3813205.31          | 1.69581  | (16021908) | 385337.01 |
| 3813184.85 | 1.59660 (16021908)  |          |            |           |
| 385348.43  | 3813164.39          | 1.46742  | (16021908) | 385359.85 |
| 3813143.93 | 1.37750 (16021908)  |          |            |           |
| 385371.27  | 3813123.47          | 1.25567  | (16021908) | 385382.69 |
| 3813103.00 | 1.16621 (16021908)  |          |            |           |
| 385394.11  | 3813082.54          | 1.03467  | (20090918) | 385405.54 |
| 3813062.08 | 1.00729 (19123116)  |          |            |           |
| 385416.96  | 3813041.62          | 1.01996  | (19123116) | 385428.38 |
| 3813021.16 | 1.11646 (16021908)  |          |            |           |
| 385439.80  | 3813000.70          | 1.23680  | (16021908) | 385451.22 |
| 3812980.23 | 1.27073 (16021908)  |          |            |           |
| 385462.64  | 3812959.77          | 1.17207  | (16021908) | 385474.06 |
| 3812939.31 | 1.07360 (16021908)  |          |            |           |
| 385485.48  | 3812918.85          | 1.12960  | (16021908) | 385496.91 |
| 3812898.39 | 1.28384 (16021908)  |          |            |           |
| 385508.33  | 3812877.92          | 1.55735  | (16021908) | 385519.75 |
| 3812857.46 | 1.84748 (16021908)  |          |            |           |
| 385531.17  | 3812837.00          | 2.20214  | (16021908) | 385542.59 |
| 3812816.54 | 2.53718 (16021908)  |          |            |           |
| 385554.01  | 3812796.08          | 2.85960  | (16021908) | 385565.43 |
| 3812775.62 | 3.02211 (16021908)  |          |            |           |
| 385576.85  | 3812755.15          | 3.11580  | (16021908) | 385588.28 |
| 3812734.69 | 3.21115 (16021908)  |          |            |           |
| 385599.70  | 3812714.23          | 3.36898  | (16021908) | 385611.12 |
| 3812693.77 | 4.26864 (19091802)  |          |            |           |
| 385622.54  | 3812673.31          | 5.57403  | (19091802) | 385633.96 |
| 3812652.85 | 6.81388 (19091802)  |          |            |           |
| 385645.38  | 3812632.38          | 7.78280  | (19091802) | 385656.80 |
| 3812611.92 | 8.47137 (19091802)  |          |            |           |
| 385668.22  | 3812591.46          | 9.85949  | (17092818) | 385679.65 |
| 3812571.00 | 11.29983 (17092818) |          |            |           |
| 385691.07  | 3812550.54          | 12.88369 | (17092818) | 385702.49 |
| 3812530.07 | 13.24004 (17092818) |          |            |           |
| 385713.91  | 3812509.61          | 12.18236 | (17092818) | 385725.33 |
| 3812489.15 | 10.43941 (17092818) |          |            |           |
| 385736.75  | 3812468.69          | 8.41087  | (17092818) | 385748.17 |
| 3812448.23 | 6.50853 (17092818)  |          |            |           |
| 385759.60  | 3812427.77          | 4.95482  | (17092818) | 385771.02 |
| 3812407.30 | 3.95845 (19021101)  |          |            |           |
| 385782.44  | 3812386.84          | 3.21417  | (19021101) | 385793.86 |
| 3812366.38 | 2.91191 (16041603)  |          |            |           |
| 385805.28  | 3812345.92          | 2.69275  | (16041603) | 385816.70 |
| 3812325.46 | 2.48211 (16041603)  |          |            |           |
| 385828.12  | 3812305.00          | 2.40503  | (16041603) | 385839.54 |
| 3812284.53 | 2.50545 (19072206)  |          |            |           |
| 385850.97  | 3812264.07          | 2.74676  | (19072206) | 385862.39 |
| 3812243.61 | 2.94466 (19072206)  |          |            |           |
| 385873.81  | 3812223.15          | 3.22236  | (19072206) | 385885.23 |
| 3812202.69 | 3.88349 (20021303)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385896.65  | 3812182.22         | 4.76577 | (20021303) | 385908.07 |
| 3812161.76 | 4.94326 (20021303) |         |            |           |
| 385919.49  | 3812141.30         | 4.55271 | (20021303) | 385930.91 |
| 3812120.84 | 3.79042 (19072206) |         |            |           |
| 385942.34  | 3812100.38         | 3.54566 | (19072206) | 385953.76 |
| 3812079.92 | 3.23805 (19072206) |         |            |           |
| 385965.18  | 3812059.45         | 2.87771 | (19072206) | 385976.60 |
| 3812038.99 | 2.47255 (19072206) |         |            |           |
| 385988.02  | 3812018.53         | 2.09606 | (19072206) | 385999.44 |
| 3811998.07 | 1.78308 (17013117) |         |            |           |
| 386010.86  | 3811977.61         | 1.52887 | (17013117) | 386022.28 |
| 3811957.15 | 1.33541 (17013117) |         |            |           |
| 386033.71  | 3811936.68         | 1.24575 | (17013117) | 386045.13 |
| 3811916.22 | 1.14848 (17013117) |         |            |           |
| 386056.55  | 3811895.76         | 1.17073 | (17013117) | 386067.97 |
| 3811875.30 | 1.22123 (17013117) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 753

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 386079.39   | 3811854.84         | 1.19761    | (17013117) | 386090.81   |
| 3811834.37  | 1.11789 (17013117) |            |            |             |
| 386102.23   | 3811813.91         | 1.09244    | (16082807) | 386113.65   |
| 3811793.45  | 1.09013 (16082807) |            |            |             |
| 386125.08   | 3811772.99         | 1.08738    | (16082807) | 386136.50   |
| 3811752.53  | 1.08420 (16082807) |            |            |             |
| 386147.92   | 3811732.07         | 1.08060    | (16082807) | 386159.34   |
| 3811711.60  | 1.07656 (16082807) |            |            |             |
| 386170.76   | 3811691.14         | 1.07211    | (16082807) | 386182.18   |
| 3811670.68  | 1.06725 (16082807) |            |            |             |
| 386193.60   | 3811650.22         | 1.06197    | (16082807) | 386205.02   |
| 3811629.76  | 1.05629 (16082807) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386216.45  | 3811609.29         | 1.05022 | (16082807) | 386227.87 |
| 3811588.83 | 1.05809 (20041007) |         |            |           |
| 386239.29  | 3811568.37         | 1.08575 | (20041007) | 386250.71 |
| 3811547.91 | 1.10285 (20041007) |         |            |           |
| 386262.13  | 3811527.45         | 1.11449 | (20041007) | 386273.55 |
| 3811506.99 | 1.12576 (20041007) |         |            |           |
| 386284.97  | 3811486.52         | 1.12789 | (20041007) | 386296.39 |
| 3811466.06 | 1.12637 (20041007) |         |            |           |
| 386307.82  | 3811445.60         | 1.10151 | (20041007) | 386319.24 |
| 3811425.14 | 1.07740 (20041007) |         |            |           |
| 386330.66  | 3811404.68         | 1.05730 | (20041007) | 386342.08 |
| 3811384.22 | 1.04441 (20041007) |         |            |           |
| 386353.50  | 3811363.75         | 1.02908 | (20041007) | 386364.92 |
| 3811343.29 | 1.01081 (20041007) |         |            |           |
| 386376.34  | 3811322.83         | 0.99384 | (20041007) | 386387.76 |
| 3811302.37 | 1.00201 (16122516) |         |            |           |
| 386399.19  | 3811281.91         | 1.01314 | (16122516) | 386410.61 |
| 3811261.44 | 1.02432 (16122516) |         |            |           |
| 386422.03  | 3811240.98         | 1.03073 | (16122516) | 386433.45 |
| 3811220.52 | 1.03138 (16122516) |         |            |           |
| 386444.87  | 3811200.06         | 1.02792 | (16122516) | 386456.29 |
| 3811179.60 | 1.02897 (16122516) |         |            |           |
| 386467.71  | 3811159.14         | 1.03160 | (16122516) | 386479.13 |
| 3811138.67 | 1.03305 (16122516) |         |            |           |
| 386490.56  | 3811118.21         | 1.02930 | (16122516) | 386501.98 |
| 3811097.75 | 1.02511 (16122516) |         |            |           |
| 386513.40  | 3811077.29         | 1.02839 | (16122516) | 386524.82 |
| 3811056.83 | 1.04353 (16122516) |         |            |           |
| 386536.24  | 3811036.37         | 1.06760 | (16122516) | 386547.66 |
| 3811015.90 | 1.10086 (19102117) |         |            |           |
| 386559.08  | 3810995.44         | 1.12872 | (19102117) | 386570.50 |
| 3810974.98 | 1.14988 (19102117) |         |            |           |
| 386581.93  | 3810954.52         | 1.16316 | (19102117) | 386593.35 |
| 3810934.06 | 1.17741 (19102117) |         |            |           |
| 386604.77  | 3810913.59         | 1.19209 | (19102117) | 386616.19 |
| 3810893.13 | 1.20107 (19102117) |         |            |           |
| 386627.61  | 3810872.67         | 1.20438 | (19102117) | 386639.03 |
| 3810852.21 | 1.20393 (19102117) |         |            |           |
| 386650.45  | 3810831.75         | 1.20010 | (19102117) | 386661.87 |
| 3810811.29 | 1.19816 (19102117) |         |            |           |
| 386673.30  | 3810790.82         | 1.21860 | (19020717) | 386684.72 |
| 3810770.36 | 1.24290 (19020717) |         |            |           |
| 386696.14  | 3810749.90         | 1.26723 | (19020717) | 386707.56 |
| 3810729.44 | 1.29174 (19020717) |         |            |           |
| 386718.98  | 3810708.98         | 1.31533 | (19020717) | 386730.40 |
| 3810688.52 | 1.33210 (19020717) |         |            |           |
| 386741.82  | 3810668.05         | 1.34570 | (19020717) | 386753.24 |
| 3810647.59 | 1.36195 (19020717) |         |            |           |
| 386764.67  | 3810627.13         | 1.37558 | (19020717) | 386776.09 |
| 3810606.67 | 1.38691 (19020717) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386787.51  | 3810586.21         | 1.39611 | (19020717) | 386798.93 |
| 3810565.74 | 1.40370 (19020717) |         |            |           |
| 386810.35  | 3810545.28         | 1.40910 | (19020717) | 386821.77 |
| 3810524.82 | 1.41102 (19020717) |         |            |           |
| 386833.19  | 3810504.36         | 1.41160 | (19020717) | 386844.61 |
| 3810483.90 | 1.40833 (19020717) |         |            |           |
| 386856.04  | 3810463.44         | 1.40498 | (19020717) | 386867.46 |
| 3810442.97 | 1.39985 (19020717) |         |            |           |
| 386878.88  | 3810422.51         | 1.39015 | (19020717) | 386890.30 |
| 3810402.05 | 1.37912 (19020717) |         |            |           |
| 386901.72  | 3810381.59         | 1.35659 | (19020717) | 386913.14 |
| 3810361.13 | 1.33156 (19020717) |         |            |           |
| 386924.56  | 3810340.67         | 1.31362 | (19020717) | 386935.98 |
| 3810320.20 | 1.30107 (19020717) |         |            |           |
| 386947.41  | 3810299.74         | 1.28595 | (19020717) | 386958.83 |
| 3810279.28 | 1.27482 (17041018) |         |            |           |
| 386970.25  | 3810258.82         | 1.32897 | (17041018) | 386981.67 |
| 3810238.36 | 1.44174 (17041018) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 754

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 386993.09   | 3810217.89         | 1.53511    | (17041018) | 387004.51   |
| 3810197.43  | 1.63180 (17041018) |            |            |             |
| 387015.93   | 3810176.97         | 1.76084    | (17041018) | 387027.35   |
| 3810156.51  | 1.90032 (17041018) |            |            |             |
| 387038.78   | 3810136.05         | 2.08639    | (17041018) | 387050.20   |
| 3810115.59  | 2.33253 (17041018) |            |            |             |
| 387061.62   | 3810095.12         | 2.53979    | (17041018) | 387073.04   |
| 3810074.66  | 2.79206 (17041018) |            |            |             |
| 387084.46   | 3810054.20         | 3.17337    | (17041018) | 387095.88   |
| 3810033.74  | 3.65287 (17041018) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 387107.30  | 3810013.28          | 4.21603  | (17041018) | 387118.73 |
| 3809992.82 | 4.77828 (17041018)  |          |            |           |
| 387130.15  | 3809972.35          | 6.01259  | (20031123) | 387141.57 |
| 3809951.89 | 7.70094 (20031123)  |          |            |           |
| 387152.99  | 3809931.43          | 7.47063  | (20031123) | 387164.41 |
| 3809910.97 | 7.37234 (20031123)  |          |            |           |
| 387175.83  | 3809890.51          | 6.58545  | (20031123) | 387187.25 |
| 3809870.04 | 5.90727 (20031123)  |          |            |           |
| 387198.67  | 3809849.58          | 5.41762  | (16091003) | 387210.10 |
| 3809829.12 | 4.73853 (16091003)  |          |            |           |
| 387221.52  | 3809808.66          | 4.29754  | (16091003) | 387232.94 |
| 3809788.20 | 4.14374 (19113008)  |          |            |           |
| 387244.36  | 3809767.74          | 4.19870  | (16091003) | 387255.78 |
| 3809747.27 | 3.94179 (19113008)  |          |            |           |
| 387267.20  | 3809726.81          | 3.58487  | (19113008) | 387278.62 |
| 3809706.35 | 3.36248 (19113008)  |          |            |           |
| 387290.04  | 3809685.89          | 3.54700  | (19113008) | 387301.47 |
| 3809665.43 | 3.89674 (19113008)  |          |            |           |
| 387312.89  | 3809644.97          | 4.52731  | (20051001) | 387324.31 |
| 3809624.50 | 4.87425 (20051001)  |          |            |           |
| 387335.73  | 3809604.04          | 4.87412  | (19013104) | 387347.15 |
| 3809583.58 | 4.84045 (19013104)  |          |            |           |
| 387358.57  | 3809563.12          | 4.44903  | (19013104) | 387369.99 |
| 3809542.66 | 3.86045 (19013104)  |          |            |           |
| 387381.41  | 3809522.19          | 3.75678  | (19013104) | 387392.84 |
| 3809501.73 | 4.30950 (19013104)  |          |            |           |
| 387404.26  | 3809481.27          | 6.16621  | (19013104) | 387415.68 |
| 3809460.81 | 8.66162 (19013104)  |          |            |           |
| 387427.10  | 3809440.35          | 10.37805 | (19013104) | 387438.52 |
| 3809419.89 | 11.72538 (19013104) |          |            |           |
| 387449.94  | 3809399.42          | 13.12250 | (19013104) | 387461.36 |
| 3809378.96 | 14.95867 (19013104) |          |            |           |
| 387472.78  | 3809358.50          | 17.31609 | (19013104) | 387484.21 |
| 3809338.04 | 19.34713 (19013104) |          |            |           |
| 387495.63  | 3809317.58          | 20.17388 | (19013104) | 387507.05 |
| 3809297.11 | 21.00343 (17010807) |          |            |           |
| 387518.47  | 3809276.65          | 20.43648 | (17010807) | 387529.89 |
| 3809256.19 | 19.71798 (17010807) |          |            |           |
| 387541.31  | 3809235.73          | 18.02183 | (17010807) | 387552.73 |
| 3809215.27 | 16.92381 (17010807) |          |            |           |
| 387564.15  | 3809194.81          | 16.20120 | (17010807) | 387575.58 |
| 3809174.34 | 17.01762 (17010807) |          |            |           |
| 387587.00  | 3809153.88          | 20.06324 | (17010807) | 387598.42 |
| 3809133.42 | 22.94229 (17010807) |          |            |           |
| 387609.84  | 3809112.96          | 25.38196 | (17010807) | 387621.26 |
| 3809092.50 | 27.21289 (17010807) |          |            |           |
| 387632.68  | 3809072.04          | 27.71315 | (17010807) | 387644.10 |
| 3809051.57 | 26.47181 (17010807) |          |            |           |
| 387655.52  | 3809031.11          | 24.22560 | (17010807) | 387666.95 |
| 3809010.65 | 22.97241 (18030506) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387678.37  | 3808990.19 | 21.95392   | (18030506) | 387689.79 |
| 3808969.73 | 21.37323   | (18030506) |            |           |
| 387701.21  | 3808949.26 | 20.57109   | (18030506) | 387712.63 |
| 3808928.80 | 20.40449   | (18030506) |            |           |
| 387724.05  | 3808908.34 | 21.16404   | (18030506) | 387735.47 |
| 3808887.88 | 21.35678   | (18030506) |            |           |
| 387746.89  | 3808867.42 | 20.59356   | (18030506) | 387758.32 |
| 3808846.96 | 19.72880   | (18030506) |            |           |
| 387769.74  | 3808826.49 | 19.53952   | (18030506) | 387781.16 |
| 3808806.03 | 19.84791   | (18030506) |            |           |
| 387792.58  | 3808785.57 | 19.77404   | (18010221) | 387804.00 |
| 3808765.11 | 20.95730   | (18010221) |            |           |
| 387815.42  | 3808744.65 | 22.19599   | (18010221) | 387826.84 |
| 3808724.19 | 24.37331   | (18010221) |            |           |
| 387838.26  | 3808703.72 | 25.97636   | (18010221) | 387849.69 |
| 3808683.26 | 26.40841   | (18010221) |            |           |
| 387861.11  | 3808662.80 | 26.68149   | (18010221) | 387872.53 |
| 3808642.34 | 26.79139   | (18010221) |            |           |
| 387883.95  | 3808621.88 | 27.00069   | (18032807) | 387895.37 |
| 3808601.41 | 28.16893   | (18032807) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 755

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387906.79   | 3808580.95  | 29.20667   | (18032807) | 387918.21   |
| 3808560.49  | 30.09722    | (18032807) |            |             |
| 387929.63   | 3808540.03  | 30.82578   | (18032807) | 387941.06   |
| 3808519.57  | 30.22142    | (18032807) |            |             |
| 387952.48   | 3808499.11  | 30.84402   | (18032807) | 387963.90   |
| 3808478.64  | 31.49674    | (18032807) |            |             |
| 387975.32   | 3808458.18  | 31.82244   | (18032807) | 387986.74   |
| 3808437.72  | 31.72282    | (18032807) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 387998.16  | 3808417.26          | 31.33576 | (18032807) | 388009.58 |
| 3808396.80 | 30.76988 (18032807) |          |            |           |
| 388021.00  | 3808376.34          | 30.03578 | (18032807) | 388032.43 |
| 3808355.87 | 29.14612 (18032807) |          |            |           |
| 388043.85  | 3808335.41          | 28.11758 | (18032807) | 388055.27 |
| 3808314.95 | 26.96705 (18032807) |          |            |           |
| 388066.69  | 3808294.49          | 25.71327 | (18032807) | 388078.11 |
| 3808274.03 | 24.37586 (18032807) |          |            |           |
| 388089.53  | 3808253.56          | 22.97434 | (18032807) | 388100.95 |
| 3808233.10 | 21.52942 (18032807) |          |            |           |
| 388112.37  | 3808212.64          | 20.13114 | (17122507) | 388123.80 |
| 3808192.18 | 19.83934 (16110418) |          |            |           |
| 388135.22  | 3808171.72          | 21.19790 | (16110418) | 388146.64 |
| 3808151.26 | 23.29538 (16110418) |          |            |           |
| 388158.06  | 3808130.79          | 24.58070 | (16110418) | 388169.48 |
| 3808110.33 | 25.78673 (16110418) |          |            |           |
| 388180.90  | 3808089.87          | 26.48935 | (16110418) | 388192.32 |
| 3808069.41 | 27.61450 (16110418) |          |            |           |
| 388203.74  | 3808048.95          | 28.43769 | (16110418) | 388215.17 |
| 3808028.49 | 28.77663 (16110418) |          |            |           |
| 388226.59  | 3808008.02          | 29.95632 | (16110418) | 388238.01 |
| 3807987.56 | 30.48014 (16110418) |          |            |           |
| 388249.43  | 3807967.10          | 30.72721 | (16110418) | 388260.85 |
| 3807946.64 | 30.80370 (16110418) |          |            |           |
| 388272.27  | 3807926.18          | 30.70912 | (16110418) | 388283.69 |
| 3807905.71 | 30.44567 (16110418) |          |            |           |
| 388295.11  | 3807885.25          | 30.01863 | (16110418) | 388306.54 |
| 3807864.79 | 29.43541 (16110418) |          |            |           |
| 388317.96  | 3807844.33          | 28.70644 | (16110418) | 388329.38 |
| 3807823.87 | 27.84369 (16110418) |          |            |           |
| 388340.80  | 3807803.41          | 26.86107 | (16110418) | 388352.22 |
| 3807782.94 | 25.77352 (16110418) |          |            |           |
| 388363.64  | 3807762.48          | 24.59796 | (16110418) | 388375.06 |
| 3807742.02 | 23.35098 (16110418) |          |            |           |
| 388386.48  | 3807721.56          | 24.23100 | (16122121) | 388397.91 |
| 3807701.10 | 25.02731 (16122121) |          |            |           |
| 388409.33  | 3807680.64          | 25.71044 | (16122121) | 388420.75 |
| 3807660.17 | 26.27099 (16122121) |          |            |           |
| 388432.17  | 3807639.71          | 26.70064 | (16122121) | 388443.59 |
| 3807619.25 | 26.99349 (16122121) |          |            |           |
| 388455.01  | 3807598.79          | 27.14560 | (16122121) | 388466.43 |
| 3807578.33 | 27.15525 (16122121) |          |            |           |
| 388477.86  | 3807557.86          | 27.02287 | (16122121) | 388489.28 |
| 3807537.40 | 26.75133 (16122121) |          |            |           |
| 388500.70  | 3807516.94          | 26.34548 | (16122121) | 388512.12 |
| 3807496.48 | 25.81217 (16122121) |          |            |           |
| 388523.54  | 3807476.02          | 25.16002 | (16122121) | 388534.96 |
| 3807455.56 | 24.39926 (16122121) |          |            |           |
| 388546.38  | 3807435.09          | 24.24168 | (20040905) | 388557.80 |
| 3807414.63 | 24.37687 (20040905) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388569.23  | 3807394.17 | 24.38804   | (20040905) | 388580.65 |
| 3807373.71 | 24.27557   | (20040905) |            |           |
| 388592.07  | 3807353.25 | 24.04184   | (20040905) | 388603.49 |
| 3807332.79 | 23.69093   | (20040905) |            |           |
| 388638.20  | 3807309.74 | 22.72700   | (20040905) | 388661.49 |
| 3807307.16 | 22.56486   | (17021606) |            |           |
| 388684.78  | 3807304.58 | 22.87645   | (17021606) | 388708.07 |
| 3807301.99 | 23.07953   | (17021606) |            |           |
| 388731.36  | 3807299.41 | 23.17048   | (17021606) | 388754.65 |
| 3807296.83 | 23.14741   | (17021606) |            |           |
| 388777.95  | 3807294.25 | 23.01000   | (17021606) | 388801.24 |
| 3807291.66 | 22.75966   | (17021606) |            |           |
| 388824.53  | 3807289.08 | 22.39968   | (17021606) | 388847.82 |
| 3807286.50 | 21.93470   | (17021606) |            |           |
| 388871.11  | 3807283.91 | 21.37075   | (17021606) | 388894.40 |
| 3807281.33 | 20.71580   | (17021606) |            |           |
| 388917.69  | 3807278.75 | 19.97848   | (17021606) | 388940.98 |
| 3807276.17 | 19.16860   | (17021606) |            |           |
| 388964.27  | 3807273.58 | 18.29647   | (17021606) | 388987.56 |
| 3807271.00 | 17.37374   | (17021606) |            |           |
| 389010.85  | 3807268.42 | 16.67220   | (20121922) | 389034.14 |
| 3807265.84 | 18.01791   | (20121922) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 756

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389057.43   | 3807263.25  | 19.37400   | (20121922) | 389080.73   |
| 3807260.67  | 20.72636    | (20121922) |            |             |
| 389104.02   | 3807258.09  | 22.05918   | (20121922) | 389127.31   |
| 3807255.51  | 23.35712    | (20121922) |            |             |
| 389150.60   | 3807252.92  | 24.60408   | (20121922) | 389173.89   |
| 3807250.34  | 25.78289    | (20121922) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389197.18  | 3807247.76 | 26.87738   | (20121922) | 389220.47 |
| 3807245.18 | 27.87162   | (20121922) |            |           |
| 389243.76  | 3807242.59 | 28.75074   | (20121922) | 389267.05 |
| 3807240.01 | 29.50056   | (20121922) |            |           |
| 389290.34  | 3807237.43 | 30.10912   | (20121922) | 389313.63 |
| 3807234.85 | 30.56618   | (20121922) |            |           |
| 389336.92  | 3807232.26 | 30.86372   | (20121922) | 389360.21 |
| 3807229.68 | 30.99610   | (20121922) |            |           |
| 389383.51  | 3807227.10 | 30.96039   | (20121922) | 389406.80 |
| 3807224.51 | 30.75624   | (20121922) |            |           |
| 389430.09  | 3807221.93 | 30.38640   | (20121922) | 389453.38 |
| 3807219.35 | 29.85599   | (20121922) |            |           |
| 389476.67  | 3807216.77 | 29.17282   | (20121922) | 389499.96 |
| 3807214.18 | 28.34683   | (20121922) |            |           |
| 389523.25  | 3807211.60 | 27.39081   | (20121922) | 389546.54 |
| 3807209.02 | 26.31872   | (20121922) |            |           |
| 389569.83  | 3807206.44 | 25.14617   | (20121922) | 389593.12 |
| 3807203.85 | 23.93010   | (16011701) |            |           |
| 389616.41  | 3807201.27 | 23.72831   | (16011701) | 389639.70 |
| 3807198.69 | 23.39554   | (16011701) |            |           |
| 389662.99  | 3807196.11 | 22.93673   | (16011701) | 389686.29 |
| 3807193.52 | 23.30720   | (18092722) |            |           |
| 389709.58  | 3807190.94 | 23.71975   | (18092722) | 389732.87 |
| 3807188.36 | 24.00251   | (18092722) |            |           |
| 389756.16  | 3807185.78 | 24.15008   | (18092722) | 389779.45 |
| 3807183.19 | 24.15926   | (18092722) |            |           |
| 389802.74  | 3807180.61 | 24.02931   | (18092722) | 389826.03 |
| 3807178.03 | 23.76185   | (18092722) |            |           |
| 389849.32  | 3807175.45 | 23.36086   | (18092722) | 389872.61 |
| 3807172.86 | 22.83244   | (18092722) |            |           |
| 389895.90  | 3807170.28 | 22.18526   | (18092722) | 389919.19 |
| 3807167.70 | 21.42947   | (18092722) |            |           |
| 389942.48  | 3807165.12 | 20.57697   | (18092722) | 389965.77 |
| 3807162.53 | 19.64071   | (18092722) |            |           |
| 389989.06  | 3807159.95 | 20.38414   | (20021206) | 390012.36 |
| 3807157.37 | 21.23731   | (20021206) |            |           |
| 390035.65  | 3807154.78 | 21.99553   | (20021206) | 390058.94 |
| 3807152.20 | 22.64585   | (20021206) |            |           |
| 390082.23  | 3807149.62 | 23.17683   | (20021206) | 390105.52 |
| 3807147.04 | 23.57870   | (20021206) |            |           |
| 390128.81  | 3807144.45 | 23.84378   | (20021206) | 390152.10 |
| 3807141.87 | 23.96669   | (20021206) |            |           |
| 390175.39  | 3807139.29 | 23.94462   | (20021206) | 390198.68 |
| 3807136.71 | 23.77737   | (20021206) |            |           |
| 390221.97  | 3807134.12 | 23.97038   | (20013022) | 390245.26 |
| 3807131.54 | 24.73071   | (20013022) |            |           |
| 390268.55  | 3807128.96 | 25.35985   | (20013022) | 390291.84 |
| 3807126.38 | 25.84607   | (20013022) |            |           |
| 390315.14  | 3807123.79 | 26.18010   | (20013022) | 390338.43 |
| 3807121.21 | 26.35482   | (20013022) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390361.72  | 3807118.63 | 26.36659   | (20013022) | 390385.01 |
| 3807116.05 | 26.21452   | (20013022) |            |           |
| 390408.30  | 3807113.46 | 25.90066   | (20013022) | 390431.59 |
| 3807110.88 | 25.77860   | (18120918) |            |           |
| 390454.88  | 3807108.30 | 26.47022   | (18120918) | 390478.17 |
| 3807105.72 | 27.01043   | (18120918) |            |           |
| 390501.46  | 3807103.13 | 27.38866   | (18120918) | 390524.75 |
| 3807100.55 | 27.59711   | (18120918) |            |           |
| 390548.04  | 3807097.97 | 27.63123   | (18120918) | 390571.33 |
| 3807095.38 | 28.70233   | (18120308) |            |           |
| 390594.62  | 3807092.80 | 29.87348   | (18120308) | 390617.92 |
| 3807090.22 | 30.89550   | (18120308) |            |           |
| 390641.21  | 3807087.64 | 31.74848   | (18120308) | 390664.50 |
| 3807085.05 | 32.41650   | (18120308) |            |           |
| 390687.79  | 3807082.47 | 32.88608   | (18120308) | 390711.08 |
| 3807079.89 | 33.14760   | (18120308) |            |           |
| 390734.37  | 3807077.31 | 33.19521   | (18120308) | 390757.66 |
| 3807074.72 | 33.02711   | (18120308) |            |           |
| 390780.95  | 3807072.14 | 32.64592   | (18120308) | 390804.24 |
| 3807069.56 | 32.05819   | (18120308) |            |           |
| 390827.53  | 3807066.98 | 31.27451   | (18120308) | 390850.82 |
| 3807064.39 | 30.30885   | (18120308) |            |           |
| 390874.11  | 3807061.81 | 29.17905   | (18120308) | 390897.40 |
| 3807059.23 | 28.92441   | (20010220) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 757

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390920.70   | 3807056.65  | 28.95516   | (20010220) | 390943.99   |
| 3807054.06  | 28.79386    | (20010220) |            |             |
| 390967.28   | 3807051.48  | 29.49603   | (17123103) | 390990.57   |
| 3807048.90  | 30.50543    | (17123103) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391013.86  | 3807046.32          | 31.33986 | (17123103) | 391037.15 |
| 3807043.73 | 31.98263 (17123103) |          |            |           |
| 391060.44  | 3807041.15          | 32.42031 | (17123103) | 391083.73 |
| 3807038.57 | 32.64354 (17123103) |          |            |           |
| 391107.02  | 3807035.99          | 32.64712 | (17123103) | 391130.31 |
| 3807033.40 | 32.43014 (17123103) |          |            |           |
| 391153.60  | 3807030.82          | 31.99641 | (17123103) | 391176.89 |
| 3807028.24 | 31.35391 (17123103) |          |            |           |
| 391200.18  | 3807025.65          | 30.51458 | (17123103) | 391223.48 |
| 3807023.07 | 29.49422 (17123103) |          |            |           |
| 391246.77  | 3807020.49          | 28.31260 | (17123103) | 391270.06 |
| 3807017.91 | 26.99111 (17123103) |          |            |           |
| 391293.35  | 3807015.32          | 26.54493 | (17102717) | 391316.64 |
| 3807012.74 | 27.76995 (17102717) |          |            |           |
| 391339.93  | 3807010.16          | 28.85236 | (17102717) | 391363.22 |
| 3807007.58 | 29.77086 (17102717) |          |            |           |
| 391386.51  | 3807004.99          | 30.50686 | (17102717) | 391409.80 |
| 3807002.41 | 31.04477 (17102717) |          |            |           |
| 391433.09  | 3806999.83          | 31.37304 | (17102717) | 391456.38 |
| 3806997.25 | 31.48424 (17102717) |          |            |           |
| 391479.67  | 3806994.66          | 31.37533 | (17102717) | 391502.96 |
| 3806992.08 | 31.04805 (17102717) |          |            |           |
| 391526.25  | 3806989.50          | 30.50857 | (17102717) | 391549.55 |
| 3806986.92 | 29.76712 (17102717) |          |            |           |
| 391572.84  | 3806984.33          | 28.83872 | (17102717) | 391596.13 |
| 3806981.75 | 27.74162 (17102717) |          |            |           |
| 391619.42  | 3806979.17          | 26.49677 | (17102717) | 391642.71 |
| 3806976.59 | 27.70447 (19020706) |          |            |           |
| 391666.00  | 3806974.00          | 29.07151 | (19020706) | 391689.29 |
| 3806971.42 | 30.29006 (19020706) |          |            |           |
| 391712.58  | 3806968.84          | 31.33589 | (19020706) | 391735.87 |
| 3806966.26 | 32.18737 (19020706) |          |            |           |
| 391759.16  | 3806963.67          | 32.82639 | (19020706) | 391782.45 |
| 3806961.09 | 33.23883 (19020706) |          |            |           |
| 391805.74  | 3806958.51          | 33.41537 | (19020706) | 391829.03 |
| 3806955.92 | 33.35153 (19020706) |          |            |           |
| 391852.33  | 3806953.34          | 33.04802 | (19020706) | 391875.62 |
| 3806950.76 | 32.51098 (19020706) |          |            |           |
| 391898.91  | 3806948.18          | 31.75123 | (19020706) | 391922.20 |
| 3806945.59 | 30.78410 (19020706) |          |            |           |
| 391945.49  | 3806943.01          | 29.62951 | (19020706) | 391968.78 |
| 3806940.43 | 28.31028 (19020706) |          |            |           |
| 391992.07  | 3806937.85          | 28.51671 | (17021124) | 392015.36 |
| 3806935.26 | 29.96462 (17021124) |          |            |           |
| 392038.65  | 3806932.68          | 31.25702 | (17021124) | 392061.94 |
| 3806930.10 | 32.36766 (17021124) |          |            |           |
| 392085.23  | 3806927.52          | 33.27310 | (17021124) | 392108.52 |
| 3806924.93 | 33.95369 (17021124) |          |            |           |
| 392131.81  | 3806922.35          | 34.39416 | (17021124) | 392155.11 |
| 3806919.77 | 34.58444 (17021124) |          |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 392178.40                                                                | 3806917.19 | 34.51963   | (17021124) | 392201.69 |
| 3806914.60                                                               | 34.20066   | (17021124) |            |           |
| 392224.98                                                                | 3806912.02 | 33.63420   | (17021124) | 392248.27 |
| 3806909.44                                                               | 32.83206   | (17021124) |            |           |
| 392271.56                                                                | 3806906.86 | 31.81112   | (17021124) | 392294.85 |
| 3806904.27                                                               | 30.59242   | (17021124) |            |           |
| 392318.14                                                                | 3806901.69 | 30.07018   | (20031204) | 392341.43 |
| 3806899.11                                                               | 30.11149   | (20031204) |            |           |
| 392364.72                                                                | 3806896.52 | 29.92819   | (20031204) | 392388.01 |
| 3806893.94                                                               | 29.52408   | (20031204) |            |           |
| 392411.30                                                                | 3806891.36 | 28.90766   | (20031204) | 392434.59 |
| 3806888.78                                                               | 28.09208   | (20031204) |            |           |
| 392457.89                                                                | 3806886.19 | 27.09401   | (20031204) | 392481.18 |
| 3806883.61                                                               | 26.61113   | (16102920) |            |           |
| 392504.47                                                                | 3806881.03 | 28.25849   | (16102920) | 392527.76 |
| 3806878.45                                                               | 29.78296   | (16102920) |            |           |
| 392551.05                                                                | 3806875.86 | 31.15419   | (16102920) | 392574.34 |
| 3806873.28                                                               | 32.34349   | (16102920) |            |           |
| 392597.63                                                                | 3806870.70 | 33.32546   | (16102920) | 392620.92 |
| 3806868.12                                                               | 34.07839   | (16102920) |            |           |
| 392644.21                                                                | 3806865.53 | 34.58526   | (16102920) | 392667.50 |
| 3806862.95                                                               | 34.83427   | (16102920) |            |           |
| 392690.79                                                                | 3806860.37 | 34.81943   | (16102920) | 392714.08 |
| 3806857.79                                                               | 34.54067   | (16102920) |            |           |
| 392737.37                                                                | 3806855.20 | 34.00385   | (16102920) | 393156.61 |
| 3806808.72                                                               | 32.11904   | (16010219) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study *** 02/10/26                                                       |            |            |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
| *** 17:54:19                                                             |            |            |            |           |

PAGE 758

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393179.90   | 3806806.13  | 32.33640   | (16010219) | 393203.19   |
| 3806803.55  | 32.30424    | (16010219) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393226.48  | 3806800.97          | 32.02308 | (16010219) | 393249.77 |
| 3806798.39 | 31.49920 (16010219) |          |            |           |
| 393273.06  | 3806795.80          | 30.74431 | (16010219) | 393296.35 |
| 3806793.22 | 29.77546 (16010219) |          |            |           |
| 393319.64  | 3806790.64          | 28.61389 | (16010219) | 393342.93 |
| 3806788.06 | 27.61234 (17012519) |          |            |           |
| 393366.22  | 3806785.47          | 29.24902 | (17012519) | 393389.52 |
| 3806782.89 | 30.74342 (17012519) |          |            |           |
| 393412.81  | 3806780.31          | 32.06323 | (17012519) | 393436.10 |
| 3806777.73 | 33.18067 (17012519) |          |            |           |
| 393459.39  | 3806775.14          | 34.07099 | (17012519) | 393482.68 |
| 3806772.56 | 34.71398 (17012519) |          |            |           |
| 393505.97  | 3806769.98          | 35.09483 | (17012519) | 393529.26 |
| 3806767.39 | 35.20458 (17012519) |          |            |           |
| 393552.55  | 3806764.81          | 35.04064 | (17012519) | 393575.84 |
| 3806762.23 | 34.60670 (17012519) |          |            |           |
| 393599.13  | 3806759.65          | 33.91271 | (17012519) | 393622.42 |
| 3806757.06 | 32.97433 (17012519) |          |            |           |
| 393645.71  | 3806754.48          | 31.81283 | (17012519) | 393669.00 |
| 3806751.90 | 30.45360 (17012519) |          |            |           |
| 393692.30  | 3806749.32          | 28.92503 | (17012519) | 393715.59 |
| 3806746.73 | 29.98680 (17121817) |          |            |           |
| 393738.88  | 3806744.15          | 31.40005 | (17121817) | 393762.17 |
| 3806741.57 | 32.62427 (17121817) |          |            |           |
| 393785.46  | 3806738.99          | 33.63268 | (17121817) | 393808.75 |
| 3806736.40 | 34.40271 (17121817) |          |            |           |
| 393832.04  | 3806733.82          | 34.91682 | (17121817) | 393855.33 |
| 3806731.24 | 35.16314 (17121817) |          |            |           |
| 393878.62  | 3806728.66          | 35.13598 | (17121817) | 393901.91 |
| 3806726.07 | 34.83591 (17121817) |          |            |           |
| 393925.20  | 3806723.49          | 34.27005 | (17121817) | 393948.49 |
| 3806720.91 | 33.45141 (17121817) |          |            |           |
| 393971.78  | 3806718.33          | 32.39860 | (17121817) | 393995.08 |
| 3806715.74 | 31.13447 (17121817) |          |            |           |
| 394018.37  | 3806713.16          | 29.68774 | (17121817) | 394041.66 |
| 3806710.58 | 28.08833 (17121817) |          |            |           |
| 394064.95  | 3806708.00          | 26.36865 | (17121817) | 394088.24 |
| 3806705.41 | 25.25467 (16012117) |          |            |           |
| 394111.53  | 3806702.83          | 26.13639 | (16012117) | 394134.82 |
| 3806700.25 | 26.83888 (16012117) |          |            |           |
| 394158.11  | 3806697.66          | 27.34636 | (16012117) | 394181.40 |
| 3806695.08 | 27.64732 (16012117) |          |            |           |
| 394204.69  | 3806692.50          | 28.80006 | (17122407) | 394227.98 |
| 3806689.92 | 30.33329 (17122407) |          |            |           |
| 394251.27  | 3806687.33          | 31.70025 | (17122407) | 394274.56 |
| 3806684.75 | 32.87196 (17122407) |          |            |           |
| 394297.86  | 3806682.17          | 33.82325 | (17122407) | 394321.15 |
| 3806679.59 | 34.53216 (17122407) |          |            |           |
| 394344.44  | 3806677.00          | 34.98315 | (17122407) | 394367.73 |
| 3806674.42 | 35.16609 (17122407) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394391.02  | 3806671.84 | 35.07693   | (17122407) | 394414.31 |
| 3806669.26 | 34.71793   | (17122407) |            |           |
| 394437.60  | 3806666.67 | 34.09750   | (17122407) | 394460.89 |
| 3806664.09 | 33.23009   | (17122407) |            |           |
| 394484.18  | 3806661.51 | 32.13534   | (17122407) | 394507.47 |
| 3806658.93 | 30.83748   | (17122407) |            |           |
| 394530.76  | 3806656.34 | 29.36440   | (17122407) | 394554.05 |
| 3806653.76 | 29.32174   | (18061202) |            |           |
| 394577.34  | 3806651.18 | 30.76930   | (18061202) | 394600.64 |
| 3806648.60 | 32.04023   | (18061202) |            |           |
| 394623.93  | 3806646.01 | 33.10640   | (18061202) | 394647.22 |
| 3806643.43 | 33.94532   | (18061202) |            |           |
| 394670.51  | 3806640.85 | 34.53845   | (18061202) | 394693.80 |
| 3806638.27 | 34.87265   | (18061202) |            |           |
| 394717.09  | 3806635.68 | 34.94053   | (18061202) | 394740.38 |
| 3806633.10 | 34.74094   | (18061202) |            |           |
| 394763.67  | 3806630.52 | 34.27871   | (18061202) | 394786.96 |
| 3806627.93 | 33.56462   | (18061202) |            |           |
| 394810.25  | 3806625.35 | 32.61507   | (18061202) | 394833.54 |
| 3806622.77 | 31.45123   | (18061202) |            |           |
| 394856.83  | 3806620.19 | 31.49428   | (20113008) | 394880.12 |
| 3806617.60 | 31.63323   | (20113008) |            |           |
| 394903.41  | 3806615.02 | 31.53144   | (20113008) | 394926.71 |
| 3806612.44 | 31.19134   | (20113008) |            |           |
| 394950.00  | 3806609.86 | 30.62124   | (20113008) | 394973.29 |
| 3806607.27 | 29.83409   | (20113008) |            |           |
| 394996.58  | 3806604.69 | 28.84761   | (20113008) | 395019.87 |
| 3806602.11 | 27.68332   | (20113008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 759

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395043.16  | 3806599.53 | 27.61746   | (16010220) | 395066.45 |
| 3806596.94 | 29.18508   | (16010220) |            |           |
| 395089.74  | 3806594.36 | 30.60848   | (16010220) | 395113.03 |
| 3806591.78 | 31.85895   | (16010220) |            |           |
| 395136.32  | 3806589.20 | 32.91061   | (16010220) | 395159.61 |
| 3806586.61 | 33.74122   | (16010220) |            |           |
| 395182.90  | 3806584.03 | 34.33312   | (16010220) | 395206.19 |
| 3806581.45 | 34.67359   | (16010220) |            |           |
| 395229.49  | 3806578.87 | 34.75546   | (16010220) | 395252.78 |
| 3806576.28 | 34.57726   | (16010220) |            |           |
| 395276.07  | 3806573.70 | 34.14362   | (16010220) | 395299.36 |
| 3806571.12 | 33.46458   | (16010220) |            |           |
| 395322.65  | 3806568.53 | 32.55546   | (16010220) | 395345.94 |
| 3806565.95 | 31.43631   | (16010220) |            |           |
| 395369.23  | 3806563.37 | 30.13102   | (16010220) | 395392.52 |
| 3806560.79 | 28.66665   | (16010220) |            |           |
| 395415.81  | 3806558.20 | 29.28583   | (16120407) | 395439.10 |
| 3806555.62 | 30.65928   | (16120407) |            |           |
| 395462.39  | 3806553.04 | 31.85946   | (16120407) | 395485.68 |
| 3806550.46 | 32.86202   | (16120407) |            |           |
| 395508.97  | 3806547.87 | 33.64620   | (16120407) | 395532.27 |
| 3806545.29 | 34.19597   | (16120407) |            |           |
| 395555.56  | 3806542.71 | 34.49937   | (16120407) | 395578.85 |
| 3806540.13 | 34.55062   | (16120407) |            |           |
| 395602.14  | 3806537.54 | 34.34912   | (16120407) | 395625.43 |
| 3806534.96 | 33.89993   | (16120407) |            |           |
| 395648.72  | 3806532.38 | 33.21329   | (16120407) | 395672.01 |
| 3806529.80 | 32.30443   | (16120407) |            |           |
| 395695.30  | 3806527.21 | 31.19296   | (16120407) | 395718.59 |
| 3806524.63 | 29.90217   | (16120407) |            |           |
| 395741.88  | 3806522.05 | 28.45818   | (16120407) | 395765.17 |
| 3806519.47 | 26.88917   | (16120407) |            |           |
| 395788.46  | 3806516.88 | 25.22439   | (16120407) | 395811.75 |
| 3806514.30 | 23.49327   | (16120407) |            |           |
| 395835.05  | 3806511.72 | 23.51582   | (20031107) | 395858.34 |
| 3806509.14 | 24.07603   | (20031107) |            |           |
| 395881.63  | 3806506.55 | 24.47271   | (20031107) | 395904.92 |
| 3806503.97 | 24.69799   | (20031107) |            |           |
| 395928.21  | 3806501.39 | 24.74748   | (20031107) | 395951.50 |
| 3806498.80 | 24.62058   | (20031107) |            |           |
| 395974.79  | 3806496.22 | 24.32049   | (20031107) | 395998.08 |
| 3806493.64 | 23.98531   | (17031703) |            |           |
| 396021.37  | 3806491.06 | 24.65743   | (17031703) | 396044.66 |
| 3806488.47 | 25.16876   | (17031703) |            |           |
| 396067.95  | 3806485.89 | 25.50927   | (17031703) | 396091.24 |
| 3806483.31 | 25.67228   | (17031703) |            |           |
| 396114.53  | 3806480.73 | 25.65486   | (17031703) | 396137.83 |
| 3806478.14 | 25.45776   | (17031703) |            |           |
| 396161.12  | 3806475.56 | 25.99130   | (16022404) | 396184.41 |
| 3806472.98 | 26.83703   | (16022404) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396207.70  | 3806470.40 | 27.51657   | (16022404) | 396230.99 |
| 3806467.81 | 28.01664   | (16022404) |            |           |
| 396254.28  | 3806465.23 | 28.32768   | (16022404) | 396277.57 |
| 3806462.65 | 28.44380   | (16022404) |            |           |
| 396300.86  | 3806460.07 | 28.36317   | (16022404) | 396324.15 |
| 3806457.48 | 29.62738   | (20021818) |            |           |
| 396347.44  | 3806454.90 | 30.73529   | (20021818) | 396370.73 |
| 3806452.32 | 31.66486   | (20021818) |            |           |
| 396394.02  | 3806449.74 | 32.39842   | (20021818) | 396417.31 |
| 3806447.15 | 32.92191   | (20021818) |            |           |
| 396440.60  | 3806444.57 | 33.22561   | (20021818) | 396463.90 |
| 3806441.99 | 33.30397   | (20021818) |            |           |
| 396487.19  | 3806439.40 | 33.15604   | (20021818) | 396510.48 |
| 3806436.82 | 32.78569   | (20021818) |            |           |
| 396533.77  | 3806434.24 | 32.20107   | (20021818) | 396557.06 |
| 3806431.66 | 32.01774   | (16010907) |            |           |
| 396580.35  | 3806429.07 | 32.70798   | (16010907) | 396603.64 |
| 3806426.49 | 33.18861   | (16010907) |            |           |
| 396626.93  | 3806423.91 | 33.45074   | (16010907) | 396650.22 |
| 3806421.33 | 33.48988   | (16010907) |            |           |
| 396673.51  | 3806418.74 | 33.30601   | (16010907) | 396696.80 |
| 3806416.16 | 32.90361   | (16010907) |            |           |
| 396720.09  | 3806413.58 | 32.29131   | (16010907) | 396743.38 |
| 3806411.00 | 31.87185   | (18020908) |            |           |
| 396766.68  | 3806408.41 | 32.52631   | (18020908) | 396789.97 |
| 3806405.83 | 32.97520   | (18020908) |            |           |
| 396813.26  | 3806403.25 | 33.21077   | (18020908) | 396836.55 |
| 3806400.67 | 33.22918   | (18020908) |            |           |
| 396859.84  | 3806398.08 | 33.03083   | (18020908) | 396883.13 |
| 3806395.50 | 32.62044   | (18020908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 760

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| -----      |           |            |          |            |           |
|            | 396906.42 | 3806392.92 | 32.00665 | (18020908) | 396929.71 |
| 3806390.34 | 31.20190  | (18020908) |          |            |           |
|            | 396953.00 | 3806387.75 | 30.22202 | (18020908) | 396976.29 |
| 3806385.17 | 29.08547  | (18020908) |          |            |           |
|            | 396999.58 | 3806382.59 | 27.81312 | (18020908) | 397022.87 |
| 3806380.01 | 26.45618  | (16012621) |          |            |           |
|            | 397046.16 | 3806377.42 | 27.69072 | (16012621) | 397069.46 |
| 3806374.84 | 28.79743  | (16012621) |          |            |           |
|            | 397092.75 | 3806372.26 | 29.75630 | (16012621) | 397116.04 |
| 3806369.67 | 30.55115  | (16012621) |          |            |           |
|            | 397139.33 | 3806367.09 | 31.16839 | (16012621) | 397162.62 |
| 3806364.51 | 31.59718  | (16012621) |          |            |           |
|            | 397185.91 | 3806361.93 | 31.83028 | (16012621) | 397209.20 |
| 3806359.34 | 31.86409  | (16012621) |          |            |           |
|            | 397232.49 | 3806356.76 | 31.69883 | (16012621) | 397255.78 |
| 3806354.18 | 31.33835  | (16012621) |          |            |           |
|            | 397279.07 | 3806351.60 | 30.79007 | (16012621) | 397302.36 |
| 3806349.01 | 30.78469  | (18120420) |          |            |           |
|            | 397325.65 | 3806346.43 | 31.42886 | (18120420) | 397348.94 |
| 3806343.85 | 31.88826  | (18120420) |          |            |           |
|            | 397372.24 | 3806341.27 | 32.15538 | (18120420) | 397395.53 |
| 3806338.68 | 32.22586  | (18120420) |          |            |           |
|            | 397418.82 | 3806336.10 | 32.09949 | (18120420) | 397442.11 |
| 3806333.52 | 31.77933  | (18120420) |          |            |           |
|            | 397465.40 | 3806330.94 | 31.27198 | (18120420) | 397488.69 |
| 3806328.35 | 30.58733  | (18120420) |          |            |           |
|            | 397511.98 | 3806325.77 | 29.73812 | (18120420) | 397535.27 |
| 3806323.19 | 28.73969  | (18120420) |          |            |           |
|            | 397558.56 | 3806320.61 | 27.60949 | (18120420) | 397581.85 |
| 3806318.02 | 26.40311  | (16110320) |          |            |           |
|            | 397605.14 | 3806315.44 | 27.01306 | (18011720) | 397628.43 |
| 3806312.86 | 28.16432  | (18011720) |          |            |           |
|            | 397651.72 | 3806310.28 | 29.18922 | (18011720) | 397675.02 |
| 3806307.69 | 30.07171  | (18011720) |          |            |           |
|            | 397698.31 | 3806305.11 | 30.79716 | (18011720) | 397721.60 |
| 3806302.53 | 31.35420  | (18011720) |          |            |           |
|            | 397744.89 | 3806299.94 | 31.73394 | (18011720) | 397768.18 |
| 3806297.36 | 31.93076  | (18011720) |          |            |           |
|            | 397791.47 | 3806294.78 | 31.94195 | (18011720) | 397814.76 |
| 3806292.20 | 31.76817  | (18011720) |          |            |           |
|            | 397838.05 | 3806289.61 | 31.41325 | (18011720) | 397861.34 |
| 3806287.03 | 30.88409  | (18011720) |          |            |           |
|            | 397884.63 | 3806284.45 | 30.23596 | (17122508) | 397907.92 |
| 3806281.87 | 30.86164  | (17122508) |          |            |           |
|            | 397931.21 | 3806279.28 | 31.31985 | (17122508) | 397954.50 |
| 3806276.70 | 31.60388  | (17122508) |          |            |           |
|            | 397977.79 | 3806274.12 | 31.70961 | (17122508) | 398001.09 |
| 3806271.54 | 31.63602  | (17122508) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398024.38  | 3806268.95 | 31.38525   | (17122508) | 398047.67 |
| 3806266.37 | 30.96234   | (17122508) |            |           |
| 398070.96  | 3806263.79 | 30.37508   | (17122508) | 398094.25 |
| 3806261.21 | 29.63384   | (17122508) |            |           |
| 398117.54  | 3806258.62 | 29.02428   | (17060904) | 398140.83 |
| 3806256.04 | 29.38701   | (17060904) |            |           |
| 398164.12  | 3806253.46 | 29.58979   | (17060904) | 383920.77 |
| 3815722.11 | 6.61669    | (16060403) |            |           |
| 383919.99  | 3815745.58 | 5.79765    | (17122717) | 383919.20 |
| 3815769.06 | 4.94489    | (17122717) |            |           |
| 383918.41  | 3815792.53 | 4.20885    | (17122717) | 383917.63 |
| 3815816.00 | 3.82661    | (17122717) |            |           |
| 383916.84  | 3815839.47 | 4.13390    | (17122717) | 383916.06 |
| 3815862.95 | 4.56556    | (17122717) |            |           |
| 383915.27  | 3815886.42 | 4.94040    | (17122717) | 383914.49 |
| 3815909.89 | 5.24072    | (17122717) |            |           |
| 383913.70  | 3815933.36 | 5.53073    | (17122717) | 383912.91 |
| 3815956.84 | 6.20544    | (18010804) |            |           |
| 383912.13  | 3815980.31 | 7.10345    | (18010804) | 383911.34 |
| 3816003.78 | 8.12519    | (18010804) |            |           |
| 382599.61  | 3815657.03 | 2.98375    | (18091707) | 382611.03 |
| 3815636.56 | 2.93590    | (18091707) |            |           |
| 382622.46  | 3815616.10 | 2.88574    | (18091707) | 382633.88 |
| 3815595.63 | 2.83342    | (18091707) |            |           |
| 382645.30  | 3815575.16 | 2.77899    | (18091707) | 382656.73 |
| 3815554.70 | 2.72285    | (18091707) |            |           |
| 382668.15  | 3815534.23 | 2.94802    | (16060403) | 382679.58 |
| 3815513.76 | 3.92553    | (16060403) |            |           |
| 382691.00  | 3815493.30 | 4.84239    | (16060403) | 382702.42 |
| 3815472.83 | 4.76782    | (16060403) |            |           |
| 382713.85  | 3815452.37 | 4.70303    | (19020106) | 382725.27 |
| 3815431.90 | 5.76573    | (19020106) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 761

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|------------|------------|-------------|
| - - - - -   | - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |
| 3815390.97  | 382736.70   | 3815411.43  | 6.84458    | (19020106) | 382748.12   |
| 3815350.03  | 382759.54   | 3815370.50  | 9.15942    | (19020106) | 382770.97   |
| 3815309.10  | 382782.39   | 3815329.57  | 11.27572   | (19020106) | 382793.82   |
| 3815268.17  | 382805.24   | 3815288.63  | 11.45723   | (19020106) | 382816.66   |
| 3815227.23  | 382828.09   | 3815247.70  | 13.01808   | (19020106) | 382839.51   |
| 3815186.30  | 382850.94   | 3815206.77  | 16.12799   | (17122417) | 382862.36   |
| 3815145.37  | 382873.78   | 3815165.83  | 14.14041   | (17122417) | 382885.21   |
| 3815104.43  | 382896.63   | 3815124.90  | 10.45878   | (17122417) | 382908.06   |
| 3815063.50  | 382919.48   | 3815083.97  | 8.08826    | (17122417) | 382930.90   |
| 3815022.57  | 382942.33   | 3815043.03  | 6.70760    | (16012217) | 382953.75   |
| 3814981.64  | 382965.17   | 3815002.10  | 6.25258    | (16012217) | 382976.60   |
| 3814940.70  | 382988.02   | 3814961.17  | 7.04057    | (16012217) | 382999.45   |
| 3814899.77  | 383010.87   | 3814920.24  | 7.59888    | (16012217) | 383022.29   |
| 3814858.84  | 383033.72   | 3814879.30  | 6.32345    | (16012217) | 383045.14   |
| 3814817.90  | 383056.57   | 3814838.37  | 4.58164    | (18091705) | 383067.99   |
| 3814776.97  | 383079.41   | 3814797.44  | 4.29645    | (18091705) | 383090.84   |
| 3814736.04  | 383102.26   | 3814756.50  | 3.22831    | (18091705) | 383113.69   |
| 3814695.10  | 383125.11   | 3814715.57  | 2.22773    | (18091705) | 383136.53   |
| 3814654.17  | 383147.96   | 3814674.64  | 2.31372    | (20091204) | 383159.38   |
| 3814613.24  | 383170.81   | 3814633.70  | 2.26463    | (20091204) | 383182.23   |
| 3814572.30  | 383193.65   | 3814592.77  | 2.17634    | (20091204) | 383205.08   |
| 3814531.37  | 383216.50   | 3814551.84  | 2.09431    | (20040906) | 383227.92   |
| 3814490.44  | 383239.35   | 3814510.90  | 2.00279    | (20040906) | 383250.77   |
|             |             | 1.96202     | (19120409) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 383262.20  | 3814469.97 | 1.96850    | (19120409) | 383273.62 |
| 3814449.51 | 1.97393    | (19120409) |            |           |
| 383285.04  | 3814429.04 | 1.97831    | (19120409) | 383296.47 |
| 3814408.57 | 1.98163    | (19120409) |            |           |
| 383307.89  | 3814388.11 | 1.98386    | (19120409) | 383319.32 |
| 3814367.64 | 1.98502    | (19120409) |            |           |
| 383330.74  | 3814347.17 | 1.92307    | (19120409) | 383342.16 |
| 3814326.71 | 1.64469    | (20040906) |            |           |
| 383353.59  | 3814306.24 | 1.55570    | (20040906) | 383365.01 |
| 3814285.77 | 1.50363    | (17083021) |            |           |
| 383376.44  | 3814265.31 | 1.48095    | (17083021) | 383387.86 |
| 3814244.84 | 1.51616    | (17083021) |            |           |
| 383399.28  | 3814224.37 | 1.51282    | (17083021) | 383410.71 |
| 3814203.91 | 1.46261    | (17083021) |            |           |
| 383422.13  | 3814183.44 | 1.41560    | (17083021) | 383433.56 |
| 3814162.97 | 1.30244    | (17083021) |            |           |
| 383444.98  | 3814142.51 | 1.22808    | (17083021) | 383456.40 |
| 3814122.04 | 1.15958    | (17083021) |            |           |
| 383467.83  | 3814101.57 | 1.09322    | (17083021) | 383479.25 |
| 3814081.11 | 1.00584    | (17011809) |            |           |
| 383490.67  | 3814060.64 | 1.00477    | (17011809) | 383502.10 |
| 3814040.17 | 1.00342    | (17011809) |            |           |
| 383513.52  | 3814019.71 | 1.00179    | (17011809) | 383524.95 |
| 3813999.24 | 0.99988    | (17011809) |            |           |
| 383536.37  | 3813978.78 | 0.99769    | (17011809) | 383547.79 |
| 3813958.31 | 0.99522    | (17011809) |            |           |
| 383559.22  | 3813937.84 | 0.99256    | (19101006) | 383570.64 |
| 3813917.38 | 1.06014    | (19101006) |            |           |
| 383582.07  | 3813896.91 | 1.05416    | (19101006) | 383593.49 |
| 3813876.44 | 1.00409    | (19101006) |            |           |
| 383604.91  | 3813855.98 | 1.04560    | (19101006) | 383616.34 |
| 3813835.51 | 1.03378    | (19101006) |            |           |
| 383627.76  | 3813815.04 | 0.97030    | (17011809) | 383639.19 |
| 3813794.58 | 0.96568    | (17011809) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 762

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3



\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | Y-COORD (M)<br>(YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|---------------------------|---------|------------|-------------|
| 383650.61                  | 3813774.11          |                           | 0.84567 | (17080307) | 383662.03   |
| 3813753.64                 | 0.84114             | (17080307)                |         |            |             |
| 383673.46                  | 3813733.18          |                           | 0.95025 | (17011809) | 383684.88   |
| 3813712.71                 | 0.97990             | (19101006)                |         |            |             |
| 383696.31                  | 3813692.24          |                           | 1.05694 | (18111321) | 383707.73   |
| 3813671.78                 | 1.11554             | (18111321)                |         |            |             |
| 383719.15                  | 3813651.31          |                           | 1.20609 | (18111321) | 383730.58   |
| 3813630.84                 | 1.29052             | (18111321)                |         |            |             |
| 383742.00                  | 3813610.38          |                           | 1.27952 | (18111321) | 383753.43   |
| 3813589.91                 | 1.16670             | (18111321)                |         |            |             |
| 383764.85                  | 3813569.44          |                           | 0.99812 | (18021108) | 383776.27   |
| 3813548.98                 | 1.01331             | (18021108)                |         |            |             |
| 383787.70                  | 3813528.51          |                           | 1.07830 | (20111303) | 383799.12   |
| 3813508.04                 | 1.26459             | (20111303)                |         |            |             |
| 383810.54                  | 3813487.58          |                           | 1.41699 | (20111303) | 383821.97   |
| 3813467.11                 | 1.51145             | (20111303)                |         |            |             |
| 383833.39                  | 3813446.65          |                           | 1.42369 | (20111303) | 383844.82   |
| 3813426.18                 | 1.27019             | (20111303)                |         |            |             |
| 383856.24                  | 3813405.71          |                           | 1.14312 | (18021108) | 383867.66   |
| 3813385.25                 | 1.12888             | (18021108)                |         |            |             |
| 383879.09                  | 3813364.78          |                           | 1.12253 | (18021108) | 383890.51   |
| 3813344.31                 | 1.11077             | (18021108)                |         |            |             |
| 383901.94                  | 3813323.85          |                           | 1.11252 | (18021108) | 383913.36   |
| 3813303.38                 | 1.11066             | (18021108)                |         |            |             |
| 383924.78                  | 3813282.91          |                           | 1.11195 | (18021108) | 383936.21   |
| 3813262.45                 | 1.09956             | (18021108)                |         |            |             |
| 383947.63                  | 3813241.98          |                           | 1.09294 | (18021108) | 383959.06   |
| 3813221.51                 | 1.09151             | (18021108)                |         |            |             |
| 383970.48                  | 3813201.05          |                           | 1.09370 | (18021108) | 383981.90   |
| 3813180.58                 | 1.07834             | (18021108)                |         |            |             |
| 383993.33                  | 3813160.11          |                           | 1.05455 | (18021108) | 384004.75   |
| 3813139.65                 | 1.02849             | (18021108)                |         |            |             |
| 384016.18                  | 3813119.18          |                           | 1.01764 | (18021108) | 384027.60   |
| 3813098.71                 | 1.02661             | (18021108)                |         |            |             |
| 384039.02                  | 3813078.25          |                           | 1.01829 | (18021108) | 384050.45   |
| 3813057.78                 | 0.99763             | (18021108)                |         |            |             |
| 384061.87                  | 3813037.31          |                           | 0.97497 | (18021108) | 384073.29   |
| 3813016.85                 | 0.94113             | (18021108)                |         |            |             |
| 384084.72                  | 3812996.38          |                           | 0.91662 | (20090918) | 384096.14   |
| 3812975.91                 | 0.89488             | (20090918)                |         |            |             |
| 384107.57                  | 3812955.45          |                           | 0.88446 | (20090918) | 384118.99   |
| 3812934.98                 | 0.88314             | (20090918)                |         |            |             |
| 384130.41                  | 3812914.52          |                           | 0.89420 | (20090918) | 384141.84   |
| 3812894.05                 | 0.90182             | (20090918)                |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384153.26  | 3812873.58 | 0.90059    | (20090918) | 384164.69 |
| 3812853.12 | 0.89115    | (20090918) |            |           |
| 384176.11  | 3812832.65 | 0.86589    | (20090918) | 384187.53 |
| 3812812.18 | 0.83730    | (20090918) |            |           |
| 384198.96  | 3812791.72 | 0.80800    | (20090918) | 384210.38 |
| 3812771.25 | 0.79218    | (20090918) |            |           |
| 384221.81  | 3812750.78 | 0.78223    | (20090918) | 384233.23 |
| 3812730.32 | 0.77555    | (20090918) |            |           |
| 384244.65  | 3812709.85 | 0.78057    | (20090918) | 384256.08 |
| 3812689.38 | 0.82060    | (16121810) |            |           |
| 384267.50  | 3812668.92 | 0.82035    | (16121810) | 384278.93 |
| 3812648.45 | 0.76872    | (16121810) |            |           |
| 384290.35  | 3812627.98 | 0.75559    | (19123116) | 384301.77 |
| 3812607.52 | 0.81871    | (16121810) |            |           |
| 384313.20  | 3812587.05 | 0.81786    | (16121810) | 384324.62 |
| 3812566.58 | 0.82261    | (19123116) |            |           |
| 384336.04  | 3812546.12 | 0.83268    | (19123116) | 384347.47 |
| 3812525.65 | 0.84868    | (19123116) |            |           |
| 384358.89  | 3812505.18 | 0.86502    | (19123116) | 384370.32 |
| 3812484.72 | 0.92367    | (16021908) |            |           |
| 384381.74  | 3812464.25 | 1.00405    | (16021908) | 384393.16 |
| 3812443.79 | 1.06301    | (16021908) |            |           |
| 384404.59  | 3812423.32 | 1.17464    | (16021908) | 384416.01 |
| 3812402.85 | 1.21785    | (16021908) |            |           |
| 384427.44  | 3812382.39 | 1.16071    | (16021908) | 384438.86 |
| 3812361.92 | 1.10575    | (16021908) |            |           |
| 384450.28  | 3812341.45 | 1.15190    | (16021908) | 384461.71 |
| 3812320.99 | 1.20204    | (16021908) |            |           |
| 384473.13  | 3812300.52 | 1.13414    | (16021908) | 384484.56 |
| 3812280.05 | 0.98731    | (16021908) |            |           |
| 384495.98  | 3812259.59 | 0.89410    | (19090807) | 384507.40 |
| 3812239.12 | 0.89897    | (19090807) |            |           |
| 384518.83  | 3812218.65 | 0.90416    | (19090807) | 384530.25 |
| 3812198.19 | 0.91055    | (19090807) |            |           |
| 384541.68  | 3812177.72 | 0.90832    | (19090807) | 384553.10 |
| 3812157.25 | 0.91158    | (19090807) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 763

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH)         | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|--------------------|---------|------------|-------------|
| -----       |             |                     |                    |         |            |             |
| 3812116.32  | 384564.52   | 3812136.79          | 0.93623 (19090807) | 0.91686 | (19090807) | 384575.95   |
| 3812075.39  | 384587.37   | 3812095.85          | 0.96551 (19090807) | 0.95565 | (19090807) | 384598.80   |
| 3812034.45  | 384610.22   | 3812054.92          | 0.96153 (19090807) | 0.96519 | (19090807) | 384621.64   |
| 3811993.52  | 384633.07   | 3812013.99          | 0.96512 (19090807) | 0.96512 | (19090807) | 384644.49   |
| 3811952.59  | 384655.91   | 3811973.05          | 0.97775 (19090807) | 0.97900 | (19090807) | 384667.34   |
| 3811911.66  | 384678.76   | 3811932.12          | 0.97230 (19090807) | 0.95243 | (19090807) | 384690.19   |
| 3811870.72  | 384701.61   | 3811891.19          | 0.93252 (19090807) | 0.91220 | (19090807) | 384713.03   |
| 3811829.79  | 384724.46   | 3811850.26          | 0.90218 (16082807) | 0.90931 | (16082807) | 384735.88   |
| 3811788.86  | 384747.31   | 3811809.32          | 0.91620 (16082807) | 0.92284 | (16082807) | 384758.73   |
| 3811747.92  | 384770.15   | 3811768.39          | 0.92922 (16082807) | 0.93534 | (16082807) | 384781.58   |
| 3811706.99  | 384793.00   | 3811727.46          | 0.94119 (16082807) | 0.94676 | (16082807) | 384804.43   |
| 3811666.06  | 384815.85   | 3811686.52          | 0.95205 (16082807) | 0.95706 | (16082807) | 384827.27   |
| 3811625.12  | 384838.70   | 3811645.59          | 0.96177 (16082807) | 0.96619 | (16082807) | 384850.12   |
| 3811584.19  | 384861.55   | 3811604.66          | 0.97031 (16082807) | 0.97413 | (16082807) | 384872.97   |
| 3811543.26  | 384884.39   | 3811563.72          | 0.97764 (16082807) | 0.98083 | (16082807) | 384895.82   |
| 3811502.32  | 384907.24   | 3811522.79          | 0.98371 (16082807) | 0.98658 | (18121116) | 384918.66   |
| 3811461.39  | 384930.09   | 3811481.86          | 0.98852 (16082807) | 0.99044 | (16082807) | 384941.51   |
| 3811420.46  | 384952.94   | 3811440.92          | 0.99204 (16082807) | 0.99331 | (16082807) | 384964.36   |
| 3811379.53  | 384975.78   | 3811399.99          | 0.99425 (16082807) | 0.99486 | (16082807) | 384987.21   |
| 3811338.59  | 384998.63   | 3811359.06          | 0.99514 (16082807) | 0.99509 | (16082807) | 385010.06   |
| 3811297.66  | 385021.48   | 3811318.13          | 0.99472 (16082807) | 0.99401 | (16082807) | 385032.90   |
|             |             |                     | 0.99297 (16082807) |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385044.33  | 3811277.19 | 0.99161    | (16082807) | 385055.75 |
| 3811256.73 | 0.98992    | (16082807) |            |           |
| 385067.18  | 3811236.26 | 0.98790    | (16082807) | 385078.60 |
| 3811215.79 | 0.98555    | (16082807) |            |           |
| 385090.02  | 3811195.33 | 0.98289    | (16082807) | 385101.45 |
| 3811174.86 | 0.97991    | (16082807) |            |           |
| 385112.87  | 3811154.39 | 0.97661    | (16082807) | 385124.30 |
| 3811133.93 | 0.97300    | (16082807) |            |           |
| 385135.72  | 3811113.46 | 0.96907    | (16082807) | 385147.14 |
| 3811092.99 | 0.96484    | (16082807) |            |           |
| 385158.57  | 3811072.53 | 0.96031    | (16082807) | 385169.99 |
| 3811052.06 | 0.96099    | (20041007) |            |           |
| 385181.41  | 3811031.59 | 0.97126    | (20041007) | 385192.84 |
| 3811011.13 | 0.98360    | (20041007) |            |           |
| 385204.26  | 3810990.66 | 0.99799    | (20041007) | 385215.69 |
| 3810970.19 | 1.01117    | (20041007) |            |           |
| 385227.11  | 3810949.73 | 1.02036    | (20041007) | 385238.53 |
| 3810929.26 | 1.02584    | (20041007) |            |           |
| 385249.96  | 3810908.80 | 1.03109    | (20041007) | 385261.38 |
| 3810888.33 | 1.03405    | (20041007) |            |           |
| 385272.81  | 3810867.86 | 1.03405    | (20041007) | 385284.23 |
| 3810847.40 | 1.02311    | (20041007) |            |           |
| 385295.65  | 3810826.93 | 0.99810    | (20041007) | 385307.08 |
| 3810806.46 | 0.96613    | (20041007) |            |           |
| 385318.50  | 3810786.00 | 0.94423    | (20041007) | 385329.93 |
| 3810765.53 | 0.93268    | (20041007) |            |           |
| 385341.35  | 3810745.06 | 0.92270    | (20041007) | 385352.77 |
| 3810724.60 | 0.92295    | (20041007) |            |           |
| 385364.20  | 3810704.13 | 0.92716    | (16122516) | 385375.62 |
| 3810683.66 | 0.95613    | (16122516) |            |           |
| 385387.05  | 3810663.20 | 0.99892    | (16122516) | 385398.47 |
| 3810642.73 | 1.04752    | (16122516) |            |           |
| 385409.89  | 3810622.26 | 1.09034    | (16122516) | 385421.32 |
| 3810601.80 | 1.10091    | (16122516) |            |           |
| 385432.74  | 3810581.33 | 1.08245    | (16122516) | 385444.17 |
| 3810560.86 | 1.06865    | (16122516) |            |           |
| 385455.59  | 3810540.40 | 1.05771    | (16122516) | 385467.01 |
| 3810519.93 | 1.04978    | (16122516) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 764

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 385478.44   | 3810499.46  | 1.07223        | (16122516) | 385489.86          |  |
| 3810479.00  | 1.10202     | (16122516)     |            |                    |  |
| 385501.28   | 3810458.53  | 1.12930        | (16122516) | 385512.71          |  |
| 3810438.06  | 1.11956     | (16122516)     |            |                    |  |
| 385524.13   | 3810417.60  | 1.07471        | (16122516) | 385535.56          |  |
| 3810397.13  | 1.02542     | (16122516)     |            |                    |  |
| 385546.98   | 3810376.67  | 1.00606        | (19102117) | 385558.40          |  |
| 3810356.20  | 1.00839     | (19102117)     |            |                    |  |
| 385569.83   | 3810335.73  | 1.03495        | (19102117) | 385581.25          |  |
| 3810315.27  | 1.07753     | (19102117)     |            |                    |  |
| 385592.68   | 3810294.80  | 1.10486        | (19102117) | 385604.10          |  |
| 3810274.33  | 1.12235     | (19102117)     |            |                    |  |
| 385615.52   | 3810253.87  | 1.15456        | (19102117) | 385626.95          |  |
| 3810233.40  | 1.18168     | (19102117)     |            |                    |  |
| 385638.37   | 3810212.93  | 1.21054        | (16072106) | 385649.80          |  |
| 3810192.47  | 1.35441     | (16072106)     |            |                    |  |
| 385661.22   | 3810172.00  | 1.51065        | (16072106) | 385672.64          |  |
| 3810151.53  | 1.66759     | (20040907)     |            |                    |  |
| 385684.07   | 3810131.07  | 1.84466        | (20040907) | 385695.49          |  |
| 3810110.60  | 1.99396     | (20040907)     |            |                    |  |
| 385706.92   | 3810090.13  | 2.08313        | (20040907) | 385718.34          |  |
| 3810069.67  | 2.19466     | (19092307)     |            |                    |  |
| 385729.76   | 3810049.20  | 2.34915        | (19092307) | 385741.19          |  |
| 3810028.73  | 2.58424     | (19092307)     |            |                    |  |
| 385752.61   | 3810008.27  | 2.72399        | (19092307) | 385764.03          |  |
| 3809987.80  | 2.71800     | (19092307)     |            |                    |  |
| 385775.46   | 3809967.33  | 2.64620        | (19092307) | 385786.88          |  |
| 3809946.87  | 2.75669     | (19092307)     |            |                    |  |
| 385798.31   | 3809926.40  | 2.82835        | (19092307) | 385809.73          |  |
| 3809905.94  | 2.97873     | (19092307)     |            |                    |  |
| 385821.15   | 3809885.47  | 3.37310        | (19092307) | 385832.58          |  |
| 3809865.00  | 3.67989     | (19092307)     |            |                    |  |
| 385844.00   | 3809844.54  | 3.77827        | (19092307) | 385855.43          |  |
| 3809824.07  | 3.76539     | (19092307)     |            |                    |  |
| 385866.85   | 3809803.60  | 3.68137        | (19092307) | 385878.27          |  |
| 3809783.14  | 3.55264     | (19092307)     |            |                    |  |
| 385889.70   | 3809762.67  | 3.23320        | (19092307) | 385901.12          |  |
| 3809742.20  | 2.86712     | (19092307)     |            |                    |  |
| 385912.55   | 3809721.74  | 2.44493        | (19092307) | 385923.97          |  |
| 3809701.27  | 2.22054     | (19092307)     |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385935.39  | 3809680.80         | 2.10251 | (19092307) | 385946.82 |
| 3809660.34 | 2.14442 (19092307) |         |            |           |
| 385958.24  | 3809639.87         | 2.09211 | (19092307) | 385969.67 |
| 3809619.40 | 1.99753 (19092307) |         |            |           |
| 385981.09  | 3809598.94         | 1.94757 | (17041018) | 385992.51 |
| 3809578.47 | 1.97106 (17041018) |         |            |           |
| 386003.94  | 3809558.00         | 2.03937 | (17041018) | 386015.36 |
| 3809537.54 | 2.07149 (17041018) |         |            |           |
| 386026.78  | 3809517.07         | 1.94746 | (17041018) | 386038.21 |
| 3809496.60 | 1.79762 (17041018) |         |            |           |
| 386049.63  | 3809476.14         | 1.62826 | (17041018) | 386061.06 |
| 3809455.67 | 1.45745 (17041018) |         |            |           |
| 386072.48  | 3809435.20         | 1.29631 | (17041018) | 386083.90 |
| 3809414.74 | 1.21825 (17041018) |         |            |           |
| 386095.33  | 3809394.27         | 1.29799 | (17041018) | 386106.75 |
| 3809373.81 | 1.52668 (17041018) |         |            |           |
| 386118.18  | 3809353.34         | 1.60872 | (17041018) | 386129.60 |
| 3809332.87 | 1.70282 (17041018) |         |            |           |
| 386141.02  | 3809312.41         | 1.83496 | (17041018) | 386152.45 |
| 3809291.94 | 1.92878 (17041018) |         |            |           |
| 386163.87  | 3809271.47         | 1.79459 | (17041018) | 386175.30 |
| 3809251.01 | 1.60373 (17041018) |         |            |           |
| 386186.72  | 3809230.54         | 1.56164 | (17041018) | 386198.14 |
| 3809210.07 | 1.55768 (17041018) |         |            |           |
| 386209.57  | 3809189.61         | 1.60917 | (17041018) | 386220.99 |
| 3809169.14 | 1.71165 (17041018) |         |            |           |
| 386232.42  | 3809148.67         | 1.94545 | (17041018) | 386243.84 |
| 3809128.21 | 2.16448 (17041018) |         |            |           |
| 386255.26  | 3809107.74         | 2.38528 | (17041018) | 386266.69 |
| 3809087.27 | 2.54327 (19113008) |         |            |           |
| 386278.11  | 3809066.81         | 2.67476 | (19113008) | 386289.54 |
| 3809046.34 | 2.77377 (19113008) |         |            |           |
| 386300.96  | 3809025.87         | 2.77509 | (19113008) | 386312.38 |
| 3809005.41 | 2.62164 (19113008) |         |            |           |
| 386323.81  | 3808984.94         | 2.56680 | (19113008) | 386335.23 |
| 3808964.47 | 2.55185 (19113008) |         |            |           |
| 386346.65  | 3808944.01         | 2.47610 | (19113008) | 386358.08 |
| 3808923.54 | 2.55829 (19113008) |         |            |           |
| 386369.50  | 3808903.07         | 2.64510 | (19113008) | 386380.93 |
| 3808882.61 | 2.67130 (19113008) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 765

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|--------------------|----------------|------------|--------------------|-------------|
| **          |                    |                |            |                    |             |
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |             |
| -----       |                    |                |            |                    |             |
| 386392.35   | 3808862.14         | 2.71006        | (19113008) |                    | 386403.77   |
| 3808841.68  | 2.56566 (19113008) |                |            |                    |             |
| 386415.20   | 3808821.21         | 2.28336        | (19113008) |                    | 386426.62   |
| 3808800.74  | 2.13067 (19113008) |                |            |                    |             |
| 386438.05   | 3808780.28         | 2.00419        | (19113008) |                    | 386449.47   |
| 3808759.81  | 1.90048 (19113008) |                |            |                    |             |
| 386460.89   | 3808739.34         | 1.83431        | (19113008) |                    | 386472.32   |
| 3808718.88  | 1.75789 (19113008) |                |            |                    |             |
| 386483.74   | 3808698.41         | 1.75696        | (18030619) |                    | 386495.17   |
| 3808677.94  | 1.88260 (18030619) |                |            |                    |             |
| 386506.59   | 3808657.48         | 2.05505        | (17120408) |                    | 386518.01   |
| 3808637.01  | 2.19302 (17120408) |                |            |                    |             |
| 386529.44   | 3808616.54         | 2.45965        | (19013104) |                    | 386540.86   |
| 3808596.08  | 2.77812 (19013104) |                |            |                    |             |
| 386552.29   | 3808575.61         | 2.90079        | (19013104) |                    | 386563.71   |
| 3808555.14  | 3.12823 (19013104) |                |            |                    |             |
| 386575.13   | 3808534.68         | 3.25585        | (19013104) |                    | 386586.56   |
| 3808514.21  | 3.36601 (19013104) |                |            |                    |             |
| 386597.98   | 3808493.74         | 3.32232        | (19120503) |                    | 386609.40   |
| 3808473.28  | 3.18249 (19120503) |                |            |                    |             |
| 386620.83   | 3808452.81         | 2.84100        | (19120503) |                    | 386632.25   |
| 3808432.34  | 2.56245 (19111517) |                |            |                    |             |
| 386643.68   | 3808411.88         | 2.36209        | (19111517) |                    | 386655.10   |
| 3808391.41  | 2.39716 (19111517) |                |            |                    |             |
| 386666.52   | 3808370.95         | 2.50068        | (19111517) |                    | 386677.95   |
| 3808350.48  | 2.71909 (17010807) |                |            |                    |             |
| 386689.37   | 3808330.01         | 3.25482        | (17010807) |                    | 386700.80   |
| 3808309.55  | 4.14447 (17010807) |                |            |                    |             |
| 386712.22   | 3808289.08         | 5.13652        | (17010807) |                    | 386723.64   |
| 3808268.61  | 5.35667 (17010807) |                |            |                    |             |
| 386735.07   | 3808248.15         | 5.44017        | (17010807) |                    | 386746.49   |
| 3808227.68  | 5.37118 (17010807) |                |            |                    |             |
| 386757.92   | 3808207.21         | 5.25017        | (17010807) |                    | 386769.34   |
| 3808186.75  | 5.39164 (17010807) |                |            |                    |             |
| 386780.76   | 3808166.28         | 5.43481        | (17010807) |                    | 386792.19   |
| 3808145.81  | 5.25092 (18030506) |                |            |                    |             |
| 386803.61   | 3808125.35         | 5.13105        | (18030506) |                    | 386815.04   |
| 3808104.88  | 5.40916 (18030506) |                |            |                    |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 386826.46  | 3808084.41          | 4.95625  | (18030506) | 386837.88 |
| 3808063.95 | 4.28046 (18030506)  |          |            |           |
| 386849.31  | 3808043.48          | 4.20708  | (18030506) | 386860.73 |
| 3808023.01 | 4.51946 (18030506)  |          |            |           |
| 386872.15  | 3808002.55          | 5.23299  | (18030506) | 386883.58 |
| 3807982.08 | 6.30198 (18030506)  |          |            |           |
| 386895.00  | 3807961.61          | 7.10321  | (18030506) | 386906.43 |
| 3807941.15 | 7.34083 (18030506)  |          |            |           |
| 386917.85  | 3807920.68          | 7.17340  | (18030506) | 386929.27 |
| 3807900.21 | 7.45349 (18030506)  |          |            |           |
| 386940.70  | 3807879.75          | 7.62909  | (18010221) | 386952.12 |
| 3807859.28 | 7.89363 (18010221)  |          |            |           |
| 386963.55  | 3807838.82          | 8.15601  | (18010221) | 386974.97 |
| 3807818.35 | 8.27052 (18010221)  |          |            |           |
| 386986.39  | 3807797.88          | 8.70968  | (18010221) | 386997.82 |
| 3807777.42 | 9.02599 (18010221)  |          |            |           |
| 387009.24  | 3807756.95          | 9.51806  | (18010221) | 387020.67 |
| 3807736.48 | 9.38301 (18010221)  |          |            |           |
| 387032.09  | 3807716.02          | 10.23685 | (18010221) | 387043.51 |
| 3807695.55 | 11.28117 (18010221) |          |            |           |
| 387054.94  | 3807675.08          | 12.45152 | (18010221) | 387066.36 |
| 3807654.62 | 13.46533 (18032807) |          |            |           |
| 387077.79  | 3807634.15          | 14.21485 | (18032807) | 387089.21 |
| 3807613.68 | 15.59169 (18032807) |          |            |           |
| 387100.63  | 3807593.22          | 17.73874 | (18032807) | 387112.06 |
| 3807572.75 | 19.15825 (18032807) |          |            |           |
| 387123.48  | 3807552.28          | 18.92940 | (18032807) | 387134.91 |
| 3807531.82 | 17.67589 (18032807) |          |            |           |
| 387146.33  | 3807511.35          | 16.97343 | (18032807) | 387157.75 |
| 3807490.88 | 16.96344 (18032807) |          |            |           |
| 387169.18  | 3807470.42          | 17.96005 | (18032807) | 387180.60 |
| 3807449.95 | 19.42217 (18032807) |          |            |           |
| 387192.02  | 3807429.48          | 21.07953 | (18032807) | 387203.45 |
| 3807409.02 | 21.67093 (18032807) |          |            |           |
| 387214.87  | 3807388.55          | 21.43248 | (18032807) | 387226.30 |
| 3807368.08 | 21.01825 (18032807) |          |            |           |
| 387237.72  | 3807347.62          | 21.30047 | (18032807) | 387249.14 |
| 3807327.15 | 21.18941 (18032807) |          |            |           |
| 387260.57  | 3807306.69          | 20.76831 | (18032807) | 387271.99 |
| 3807286.22 | 20.10495 (18032807) |          |            |           |
| 387283.42  | 3807265.75          | 19.15806 | (18032807) | 387294.84 |
| 3807245.29 | 18.00943 (18032807) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387306.26   | 3807224.82  | 17.31153   | (17122507) | 387317.69   |
| 3807204.35  | 17.14757    | (16110418) |            |             |
| 387329.11   | 3807183.89  | 18.12728   | (16110418) | 387340.54   |
| 3807163.42  | 19.10831    | (16110418) |            |             |
| 387351.96   | 3807142.95  | 19.66235   | (16110418) | 387363.38   |
| 3807122.49  | 20.86736    | (16110418) |            |             |
| 387374.81   | 3807102.02  | 22.35608   | (16110418) | 387386.23   |
| 3807081.55  | 23.72840    | (16110418) |            |             |
| 387397.66   | 3807061.09  | 24.50851   | (16110418) | 387409.08   |
| 3807040.62  | 25.15811    | (16110418) |            |             |
| 387420.50   | 3807020.15  | 25.70511   | (16110418) | 387431.93   |
| 3806999.69  | 26.14269    | (16110418) |            |             |
| 387443.35   | 3806979.22  | 26.46526   | (16110418) | 387454.77   |
| 3806958.75  | 26.66900    | (16110418) |            |             |
| 387466.20   | 3806938.29  | 26.75164   | (16110418) | 387477.62   |
| 3806917.82  | 26.71245    | (16110418) |            |             |
| 387489.05   | 3806897.35  | 26.55245   | (16110418) | 387500.47   |
| 3806876.89  | 26.27446    | (16110418) |            |             |
| 387511.89   | 3806856.42  | 25.88248   | (16110418) | 387523.32   |
| 3806835.96  | 25.38224    | (16110418) |            |             |
| 387534.74   | 3806815.49  | 24.78072   | (16110418) | 387546.17   |
| 3806795.02  | 24.08579    | (16110418) |            |             |
| 387557.59   | 3806774.56  | 23.30729   | (16110418) | 387569.01   |
| 3806754.09  | 22.45441    | (16110418) |            |             |
| 387580.44   | 3806733.62  | 21.53752   | (16110418) | 387591.86   |
| 3806713.16  | 20.56839    | (16110418) |            |             |
| 387603.29   | 3806692.69  | 20.58919   | (16122121) | 387614.71   |
| 3806672.22  | 21.26563    | (16122121) |            |             |
| 387626.13   | 3806651.76  | 21.86714   | (16122121) | 387637.56   |
| 3806631.29  | 22.38714    | (16122121) |            |             |
| 387648.98   | 3806610.82  | 22.81889   | (16122121) | 387660.41   |
| 3806590.36  | 23.15760    | (16122121) |            |             |
| 387671.83   | 3806569.89  | 23.39922   | (16122121) | 387683.25   |
| 3806549.42  | 23.54113    | (16122121) |            |             |
| 387694.68   | 3806528.96  | 23.58198   | (16122121) | 387706.10   |
| 3806508.49  | 23.52158    | (16122121) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 387717.52  | 3806488.02          | 23.36120 | (16122121) | 387728.95 |
| 3806467.56 | 23.10329 (16122121) |          |            |           |
| 387740.37  | 3806447.09          | 22.75153 | (16122121) | 387751.80 |
| 3806426.62 | 22.31054 (16122121) |          |            |           |
| 387763.22  | 3806406.16          | 21.78658 | (16122121) | 387774.64 |
| 3806385.69 | 21.18590 (16122121) |          |            |           |
| 387786.07  | 3806365.22          | 20.99389 | (20040905) | 387797.49 |
| 3806344.76 | 21.12609 (20040905) |          |            |           |
| 387808.92  | 3806324.29          | 21.17040 | (20040905) | 387820.34 |
| 3806303.83 | 21.12659 (20040905) |          |            |           |
| 387831.76  | 3806283.36          | 20.99559 | (20040905) | 387843.19 |
| 3806262.89 | 20.77933 (20040905) |          |            |           |
| 387854.61  | 3806242.43          | 20.48107 | (20040905) | 387866.04 |
| 3806221.96 | 20.10441 (20040905) |          |            |           |
| 387900.76  | 3806198.91          | 19.47286 | (17021606) | 387924.05 |
| 3806196.33 | 19.73525 (17021606) |          |            |           |
| 387947.35  | 3806193.74          | 19.92194 | (17021606) | 387970.64 |
| 3806191.16 | 20.03016 (17021606) |          |            |           |
| 387993.94  | 3806188.58          | 20.05836 | (17021606) | 388017.24 |
| 3806185.99 | 20.00571 (17021606) |          |            |           |
| 388040.53  | 3806183.41          | 19.87262 | (17021606) | 388063.83 |
| 3806180.83 | 19.66019 (17021606) |          |            |           |
| 388087.13  | 3806178.24          | 19.37054 | (17021606) | 388110.42 |
| 3806175.66 | 19.00714 (17021606) |          |            |           |
| 388133.72  | 3806173.08          | 18.57360 | (17021606) | 388157.01 |
| 3806170.49 | 18.07487 (17021606) |          |            |           |
| 388180.31  | 3806167.91          | 17.51634 | (17021606) | 388203.61 |
| 3806165.33 | 16.90415 (17021606) |          |            |           |
| 388226.90  | 3806162.74          | 16.24494 | (17021606) | 388250.20 |
| 3806160.16 | 15.54554 (17021606) |          |            |           |
| 388273.49  | 3806157.58          | 14.81351 | (17021606) | 388296.79 |
| 3806155.00 | 14.27030 (17051823) |          |            |           |
| 388320.09  | 3806152.41          | 15.28938 | (20121922) | 388343.38 |
| 3806149.83 | 16.34910 (20121922) |          |            |           |
| 388366.68  | 3806147.25          | 17.41022 | (20121922) | 388389.98 |
| 3806144.66 | 18.46317 (20121922) |          |            |           |
| 388413.27  | 3806142.08          | 19.49716 | (20121922) | 388436.57 |
| 3806139.50 | 20.50296 (20121922) |          |            |           |
| 388459.86  | 3806136.91          | 21.46945 | (20121922) | 388483.16 |
| 3806134.33 | 22.38635 (20121922) |          |            |           |
| 388506.46  | 3806131.75          | 23.24301 | (20121922) | 388529.75 |
| 3806129.16 | 24.02908 (20121922) |          |            |           |
| 388553.05  | 3806126.58          | 24.73518 | (20121922) | 388576.35 |
| 3806124.00 | 25.35219 (20121922) |          |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388599.64   | 3806121.41  | 25.87189   | (20121922) | 388622.94   |
| 3806118.83  | 26.28747    | (20121922) |            |             |
| 388646.23   | 3806116.25  | 26.59289   | (20121922) | 388669.53   |
| 3806113.66  | 26.78393    | (20121922) |            |             |
| 388692.83   | 3806111.08  | 26.85738   | (20121922) | 388716.12   |
| 3806108.50  | 26.81184    | (20121922) |            |             |
| 388739.42   | 3806105.91  | 26.64727   | (20121922) | 388762.71   |
| 3806103.33  | 26.36562    | (20121922) |            |             |
| 388786.01   | 3806100.75  | 25.96986   | (20121922) | 388809.31   |
| 3806098.16  | 25.46464    | (20121922) |            |             |
| 388832.60   | 3806095.58  | 24.85667   | (20121922) | 388855.90   |
| 3806093.00  | 24.15276    | (20121922) |            |             |
| 388879.20   | 3806090.42  | 23.36167   | (20121922) | 388902.49   |
| 3806087.83  | 22.49305    | (20121922) |            |             |
| 388925.79   | 3806085.25  | 21.55693   | (20121922) | 388949.08   |
| 3806082.67  | 20.71344    | (16011701) |            |             |
| 388972.38   | 3806080.08  | 20.56010   | (16011701) | 388995.68   |
| 3806077.50  | 20.31400    | (16011701) |            |             |
| 389018.97   | 3806074.92  | 19.97823   | (16011701) | 389042.27   |
| 3806072.33  | 19.96323    | (18092722) |            |             |
| 389065.56   | 3806069.75  | 20.33855   | (18092722) | 389088.86   |
| 3806067.17  | 20.62524    | (18092722) |            |             |
| 389112.16   | 3806064.58  | 20.81883   | (18092722) | 389135.45   |
| 3806062.00  | 20.91618    | (18092722) |            |             |
| 389158.75   | 3806059.42  | 20.91565   | (18092722) | 389182.05   |
| 3806056.83  | 20.81672    | (18092722) |            |             |
| 389205.34   | 3806054.25  | 20.62059   | (18092722) | 389228.64   |
| 3806051.67  | 20.32942    | (18092722) |            |             |
| 389251.93   | 3806049.08  | 19.94704   | (18092722) | 389275.23   |
| 3806046.50  | 19.47829    | (18092722) |            |             |
| 389298.53   | 3806043.92  | 18.92929   | (18092722) | 389321.82   |
| 3806041.33  | 18.30724    | (18092722) |            |             |
| 389345.12   | 3806038.75  | 17.61991   | (18092722) | 389368.42   |
| 3806036.17  | 16.87603    | (18092722) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390463.34   | 3805914.76  | 24.94581   | (20010220) | 390486.63   |
| 3805912.17  | 25.33738    | (17123103) |            |             |
| 390509.93   | 3805909.59  | 26.16324   | (17123103) | 390533.22   |
| 3805907.01  | 26.86936    | (17123103) |            |             |
| 390556.52   | 3805904.42  | 27.44496   | (17123103) | 390579.82   |
| 3805901.84  | 27.88002    | (17123103) |            |             |
| 390603.11   | 3805899.26  | 28.16705   | (17123103) | 390626.41   |
| 3805896.68  | 28.30115    | (17123103) |            |             |
| 390649.71   | 3805894.09  | 28.27946   | (17123103) | 390673.00   |
| 3805891.51  | 28.10206    | (17123103) |            |             |
| 390696.30   | 3805888.93  | 27.77124   | (17123103) | 390719.59   |
| 3805886.34  | 27.29214    | (17123103) |            |             |
| 390742.89   | 3805883.76  | 26.67199   | (17123103) | 390766.19   |
| 3805881.18  | 25.92043    | (17123103) |            |             |
| 390789.48   | 3805878.59  | 25.04924   | (17123103) | 390812.78   |
| 3805876.01  | 24.07126    | (17123103) |            |             |
| 390836.07   | 3805873.43  | 23.00165   | (17123103) | 390859.37   |
| 3805870.84  | 23.02791    | (17102717) |            |             |
| 390882.67   | 3805868.26  | 23.99000   | (17102717) | 390905.96   |
| 3805865.68  | 24.85203    | (17102717) |            |             |
| 390929.26   | 3805863.09  | 25.60103   | (17102717) | 390952.56   |
| 3805860.51  | 26.22408    | (17102717) |            |             |
| 390975.85   | 3805857.93  | 26.71055   | (17102717) | 390999.15   |
| 3805855.34  | 27.05240    | (17102717) |            |             |
| 391022.44   | 3805852.76  | 27.24313   | (17102717) | 391045.74   |
| 3805850.18  | 27.27931    | (17102717) |            |             |
| 391069.04   | 3805847.59  | 27.15973   | (17102717) | 391092.33   |
| 3805845.01  | 26.88627    | (17102717) |            |             |
| 391115.63   | 3805842.43  | 26.46294   | (17102717) | 391138.92   |
| 3805839.84  | 25.89673    | (17102717) |            |             |
| 391162.22   | 3805837.26  | 25.19653   | (17102717) | 391185.52   |
| 3805834.68  | 24.37364    | (17102717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391208.81  | 3805832.10 | 23.44147   | (17102717) | 391232.11 |
| 3805829.51 | 23.07975   | (19020706) |            |           |
| 391255.41  | 3805826.93 | 24.22556   | (19020706) | 391278.70 |
| 3805824.35 | 25.28123   | (19020706) |            |           |
| 391302.00  | 3805821.76 | 26.23103   | (19020706) | 391325.29 |
| 3805819.18 | 27.05845   | (19020706) |            |           |
| 391348.59  | 3805816.60 | 27.75033   | (19020706) | 391371.89 |
| 3805814.01 | 28.29436   | (19020706) |            |           |
| 391395.18  | 3805811.43 | 28.68066   | (19020706) | 391418.48 |
| 3805808.85 | 28.90251   | (19020706) |            |           |
| 391441.78  | 3805806.26 | 28.95545   | (19020706) | 391465.07 |
| 3805803.68 | 28.83827   | (19020706) |            |           |
| 391488.37  | 3805801.10 | 28.55256   | (19020706) | 391511.66 |
| 3805798.51 | 28.10308   | (19020706) |            |           |
| 391534.96  | 3805795.93 | 27.49712   | (19020706) | 391558.26 |
| 3805793.35 | 26.74484   | (19020706) |            |           |
| 391581.55  | 3805790.76 | 25.85893   | (19020706) | 391604.85 |
| 3805788.18 | 24.85339   | (19020706) |            |           |
| 391628.14  | 3805785.60 | 23.95956   | (17021124) | 391651.44 |
| 3805783.01 | 25.15703   | (17021124) |            |           |
| 391674.74  | 3805780.43 | 26.25759   | (17021124) | 391698.03 |
| 3805777.85 | 27.24312   | (17021124) |            |           |
| 391721.33  | 3805775.26 | 28.09795   | (17021124) | 391744.63 |
| 3805772.68 | 28.80673   | (17021124) |            |           |
| 391767.92  | 3805770.10 | 29.35676   | (17021124) | 391791.22 |
| 3805767.52 | 29.73850   | (17021124) |            |           |
| 391814.51  | 3805764.93 | 29.94449   | (17021124) | 391837.81 |
| 3805762.35 | 29.97089   | (17021124) |            |           |
| 391861.11  | 3805759.77 | 29.81675   | (17021124) | 391884.40 |
| 3805757.18 | 29.48461   | (17021124) |            |           |
| 391907.70  | 3805754.60 | 28.97998   | (17021124) | 391930.99 |
| 3805752.02 | 28.31187   | (17021124) |            |           |
| 391954.29  | 3805749.43 | 27.49105   | (17021124) | 391977.59 |
| 3805746.85 | 26.53194   | (17021124) |            |           |
| 392000.88  | 3805744.27 | 26.01600   | (20031204) | 392024.18 |
| 3805741.68 | 26.09323   | (20031204) |            |           |
| 392047.48  | 3805739.10 | 26.01160   | (20031204) | 392070.77 |
| 3805736.52 | 25.77246   | (20031204) |            |           |
| 392094.07  | 3805733.93 | 25.37960   | (20031204) | 392117.36 |
| 3805731.35 | 24.84032   | (20031204) |            |           |
| 392140.66  | 3805728.77 | 24.16352   | (20031204) | 392163.96 |
| 3805726.18 | 23.36092   | (20031204) |            |           |
| 392187.25  | 3805723.60 | 22.81346   | (16102920) | 392210.55 |
| 3805721.02 | 24.12179   | (16102920) |            |           |
| 392233.85  | 3805718.43 | 25.34919   | (16102920) | 392257.14 |
| 3805715.85 | 26.47528   | (16102920) |            |           |
| 392280.44  | 3805713.27 | 27.48231   | (16102920) | 392303.73 |
| 3805710.68 | 28.35211   | (16102920) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392327.03   | 3805708.10          | 29.06989   | (16102920) | 392746.36   |
| 3805661.60  | 26.81413 (16040119) |            |            |             |
| 392769.66   | 3805659.02          | 25.70434   | (16040119) | 392792.95   |
| 3805656.44  | 24.48620 (16040119) |            |            |             |
| 392816.25   | 3805653.85          | 23.88146   | (16010219) | 392839.55   |
| 3805651.27  | 24.90052 (16010219) |            |            |             |
| 392862.84   | 3805648.69          | 25.79990   | (16010219) | 392886.14   |
| 3805646.10  | 26.56448 (16010219) |            |            |             |
| 392909.43   | 3805643.52          | 27.17967   | (16010219) | 392932.73   |
| 3805640.94  | 27.63466 (16010219) |            |            |             |
| 392956.03   | 3805638.36          | 27.92056   | (16010219) | 392979.32   |
| 3805635.77  | 28.03183 (16010219) |            |            |             |
| 393002.62   | 3805633.19          | 27.96639   | (16010219) | 393025.92   |
| 3805630.61  | 27.72525 (16010219) |            |            |             |
| 393049.21   | 3805628.02          | 27.31297   | (16010219) | 393072.51   |
| 3805625.44  | 26.73689 (16010219) |            |            |             |
| 393095.80   | 3805622.86          | 26.00798   | (16010219) | 393119.10   |
| 3805620.27  | 25.13867 (16010219) |            |            |             |
| 393142.40   | 3805617.69          | 24.14479   | (16010219) | 393165.69   |
| 3805615.11  | 24.35907 (17012519) |            |            |             |
| 393188.99   | 3805612.52          | 25.61588   | (17012519) | 393212.28   |
| 3805609.94  | 26.76670 (17012519) |            |            |             |
| 393235.58   | 3805607.36          | 27.79291   | (17012519) | 393258.88   |
| 3805604.77  | 28.67591 (17012519) |            |            |             |
| 393282.17   | 3805602.19          | 29.39943   | (17012519) | 393305.47   |
| 3805599.61  | 29.95076 (17012519) |            |            |             |
| 393328.77   | 3805597.02          | 30.31919   | (17012519) | 393352.06   |
| 3805594.44  | 30.49770 (17012519) |            |            |             |
| 393375.36   | 3805591.86          | 30.48299   | (17012519) | 393398.65   |
| 3805589.27  | 30.27523 (17012519) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393421.95  | 3805586.69 | 29.87821   | (17012519) | 393445.25 |
| 3805584.11 | 29.29937   | (17012519) |            |           |
| 393468.54  | 3805581.52 | 28.54971   | (17012519) | 393491.84 |
| 3805578.94 | 27.64245   | (17012519) |            |           |
| 393515.14  | 3805576.36 | 26.59409   | (17012519) | 393538.43 |
| 3805573.78 | 25.42351   | (17012519) |            |           |
| 393561.73  | 3805571.19 | 25.27285   | (17121817) | 393585.02 |
| 3805568.61 | 26.45558   | (17121817) |            |           |
| 393608.32  | 3805566.03 | 27.51837   | (17121817) | 393631.62 |
| 3805563.44 | 28.44211   | (17121817) |            |           |
| 393654.91  | 3805560.86 | 29.20990   | (17121817) | 393678.21 |
| 3805558.28 | 29.80834   | (17121817) |            |           |
| 393701.50  | 3805555.69 | 30.22577   | (17121817) | 393724.80 |
| 3805553.11 | 30.45471   | (17121817) |            |           |
| 393748.10  | 3805550.53 | 30.49060   | (17121817) | 393771.39 |
| 3805547.94 | 30.33284   | (17121817) |            |           |
| 393794.69  | 3805545.36 | 29.98438   | (17121817) | 393817.99 |
| 3805542.78 | 29.45182   | (17121817) |            |           |
| 393841.28  | 3805540.19 | 28.74540   | (17121817) | 393864.58 |
| 3805537.61 | 27.87770   | (17121817) |            |           |
| 393887.87  | 3805535.03 | 26.86509   | (17121817) | 393911.17 |
| 3805532.44 | 25.72456   | (17121817) |            |           |
| 393934.47  | 3805529.86 | 24.47624   | (17121817) | 393957.76 |
| 3805527.28 | 23.14133   | (17121817) |            |           |
| 393981.06  | 3805524.69 | 21.73987   | (17121817) | 394004.35 |
| 3805522.11 | 22.22113   | (16012117) |            |           |
| 394027.65  | 3805519.53 | 22.85877   | (16012117) | 394050.95 |
| 3805516.94 | 23.36560   | (16012117) |            |           |
| 394074.24  | 3805514.36 | 23.73221   | (16012117) | 394097.54 |
| 3805511.78 | 23.95209   | (16012117) |            |           |
| 394120.84  | 3805509.20 | 24.75988   | (17122407) | 394144.13 |
| 3805506.61 | 25.98228   | (17122407) |            |           |
| 394167.43  | 3805504.03 | 27.09283   | (17122407) | 394190.72 |
| 3805501.45 | 28.07154   | (17122407) |            |           |
| 394214.02  | 3805498.86 | 28.90199   | (17122407) | 394237.32 |
| 3805496.28 | 29.56880   | (17122407) |            |           |
| 394260.61  | 3805493.70 | 30.05962   | (17122407) | 394283.91 |
| 3805491.11 | 30.36579   | (17122407) |            |           |
| 394307.21  | 3805488.53 | 30.48147   | (17122407) | 394330.50 |
| 3805485.95 | 30.40464   | (17122407) |            |           |
| 394353.80  | 3805483.36 | 30.13679   | (17122407) | 394377.09 |
| 3805480.78 | 29.68338   | (17122407) |            |           |
| 394400.39  | 3805478.20 | 29.05257   | (17122407) | 394423.69 |
| 3805475.61 | 28.25622   | (17122407) |            |           |
| 394446.98  | 3805473.03 | 27.30938   | (17122407) | 394470.28 |
| 3805470.45 | 26.22809   | (17122407) |            |           |
| 394493.57  | 3805467.86 | 25.03191   | (17122407) | 394516.87 |
| 3805465.28 | 25.44978   | (18061202) |            |           |
| 394540.17  | 3805462.70 | 26.58693   | (18061202) | 394563.46 |
| 3805460.11 | 27.59981   | (18061202) |            |           |



|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 3805454.95 | 394586.76   | 3805457.53  | 28.47182   | (18061202) | 394610.06   |
| 3805449.78 | 394633.35   | 3805452.36  | 29.73253   | (18061202) | 394656.65   |
| 3805444.62 | 394679.94   | 3805447.20  | 30.27899   | (18061202) | 394703.24   |
| 3805439.45 | 394726.54   | 3805442.03  | 30.07216   | (18061202) | 394749.83   |
| 3805434.28 | 394773.13   | 3805436.87  | 29.12905   | (18061202) | 394796.43   |
| 3805429.12 | 394819.72   | 3805431.70  | 27.52004   | (18061202) | 394843.02   |
| 3805423.95 | 394866.31   | 3805426.53  | 27.36966   | (20113008) | 394889.61   |
| 3805418.78 | 394912.91   | 3805421.37  | 27.25610   | (20113008) | 394936.20   |
| 3805413.62 | 394959.50   | 3805416.20  | 26.47698   | (20113008) | 394982.79   |
| 3805408.45 | 395006.09   | 3805411.03  | 25.09065   | (20113008) | 395029.39   |
| 3805403.28 | 395052.68   | 3805405.87  | 23.23536   | (16010220) | 395075.98   |
| 3805398.12 | 395099.28   | 3805400.70  | 25.70274   | (16010220) | 395122.57   |
| 3805392.95 | 395145.87   | 3805395.53  | 27.73624   | (16010220) | 395169.16   |
| 3805387.78 | 395192.46   | 3805390.37  | 29.20120   | (16010220) | 395215.76   |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395239.05  | 3805385.20          | 29.99662 | (16010220) | 395262.35 |
| 3805382.62 | 30.12411 (16010220) |          |            |           |
| 395285.64  | 3805380.04          | 30.06759 | (16010220) | 395308.94 |
| 3805377.45 | 29.82833 (16010220) |          |            |           |
| 395332.24  | 3805374.87          | 29.41103 | (16010220) | 395355.53 |
| 3805372.29 | 28.82375 (16010220) |          |            |           |
| 395378.83  | 3805369.70          | 28.07672 | (16010220) | 395402.13 |
| 3805367.12 | 27.18354 (16010220) |          |            |           |
| 395425.42  | 3805364.54          | 26.16019 | (16010220) | 395448.72 |
| 3805361.95 | 25.02311 (16010220) |          |            |           |
| 395472.01  | 3805359.37          | 24.83602 | (16120407) | 395495.31 |
| 3805356.79 | 25.96805 (16120407) |          |            |           |
| 395518.61  | 3805354.20          | 26.98726 | (16120407) | 395541.90 |
| 3805351.62 | 27.87673 (16120407) |          |            |           |
| 395565.20  | 3805349.04          | 28.62234 | (16120407) | 395588.50 |
| 3805346.45 | 29.21102 (16120407) |          |            |           |
| 395611.79  | 3805343.87          | 29.63268 | (16120407) | 395635.09 |
| 3805341.29 | 29.88050 (16120407) |          |            |           |
| 395658.38  | 3805338.70          | 29.95015 | (16120407) | 395681.68 |
| 3805336.12 | 29.84089 (16120407) |          |            |           |
| 395704.98  | 3805333.54          | 29.55490 | (16120407) | 395728.27 |
| 3805330.95 | 29.09785 (16120407) |          |            |           |
| 395751.57  | 3805328.37          | 28.47777 | (16120407) | 395774.86 |
| 3805325.79 | 27.70622 (16120407) |          |            |           |
| 395798.16  | 3805323.20          | 26.79601 | (16120407) | 395821.46 |
| 3805320.62 | 25.76287 (16120407) |          |            |           |
| 395844.75  | 3805318.04          | 24.62428 | (16120407) | 395868.05 |
| 3805315.46 | 23.39734 (16120407) |          |            |           |
| 395891.35  | 3805312.87          | 22.10123 | (16120407) | 395914.64 |
| 3805310.29 | 20.75535 (16120407) |          |            |           |
| 395937.94  | 3805307.71          | 20.03148 | (20031107) | 395961.23 |
| 3805305.12 | 20.54229 (20031107) |          |            |           |
| 395984.53  | 3805302.54          | 20.94281 | (20031107) | 396007.83 |
| 3805299.96 | 21.22613 (20031107) |          |            |           |
| 396031.12  | 3805297.37          | 21.38757 | (20031107) | 396054.42 |
| 3805294.79 | 21.42480 (20031107) |          |            |           |
| 396077.71  | 3805292.21          | 21.33740 | (20031107) | 396101.01 |
| 3805289.62 | 21.12711 (20031107) |          |            |           |
| 396124.31  | 3805287.04          | 20.79788 | (20031107) | 396147.60 |
| 3805284.46 | 21.06097 (17031703) |          |            |           |
| 396170.90  | 3805281.87          | 21.53397 | (17031703) | 396194.20 |
| 3805279.29 | 21.89040 (17031703) |          |            |           |
| 396217.49  | 3805276.71          | 22.12440 | (17031703) | 396240.79 |
| 3805274.12 | 22.23245 (17031703) |          |            |           |
| 396264.08  | 3805271.54          | 22.21297 | (17031703) | 396287.38 |
| 3805268.96 | 22.06658 (17031703) |          |            |           |
| 396310.68  | 3805266.37          | 22.26372 | (16022404) | 396333.97 |
| 3805263.79 | 22.96757 (16022404) |          |            |           |
| 396357.27  | 3805261.21          | 23.55862 | (16022404) | 396380.57 |
| 3805258.62 | 24.02710 (16022404) |          |            |           |

396403.86 3805256.04 24.36556 (16022404) 396427.16  
 3805253.46 24.56892 (16022404)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 771

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396450.45   | 3805250.88  | 24.63393   | (16022404) | 396473.75   |
| 3805248.29  | 24.55992    | (16022404) |            |             |
| 396497.05   | 3805245.71  | 25.49677   | (20021818) | 396520.34   |
| 3805243.13  | 26.39285    | (20021818) |            |             |
| 396543.64   | 3805240.54  | 27.16691   | (20021818) | 396566.93   |
| 3805237.96  | 27.80645    | (20021818) |            |             |
| 396590.23   | 3805235.38  | 28.30199   | (20021818) | 396613.53   |
| 3805232.79  | 28.64545    | (20021818) |            |             |
| 396636.82   | 3805230.21  | 28.83167   | (20021818) | 396660.12   |
| 3805227.63  | 28.85812    | (20021818) |            |             |
| 396683.42   | 3805225.04  | 28.72468   | (20021818) | 396706.71   |
| 3805222.46  | 28.43424    | (20021818) |            |             |
| 396730.01   | 3805219.88  | 27.99174   | (20021818) | 396753.30   |
| 3805217.29  | 27.50117    | (16010907) |            |             |
| 396776.60   | 3805214.71  | 28.10288   | (16010907) | 396799.90   |
| 3805212.13  | 28.55990    | (16010907) |            |             |
| 396823.19   | 3805209.54  | 28.86515   | (16010907) | 396846.49   |
| 3805206.96  | 29.01452    | (16010907) |            |             |
| 396869.78   | 3805204.38  | 29.00586   | (16010907) | 396893.08   |
| 3805201.79  | 28.83978    | (16010907) |            |             |
| 396916.38   | 3805199.21  | 28.51946   | (16010907) | 396939.67   |
| 3805196.63  | 28.05074    | (16010907) |            |             |
| 396962.97   | 3805194.04  | 27.44116   | (16010907) | 396986.27   |
| 3805191.46  | 27.97552    | (18020908) |            |             |
| 397009.56   | 3805188.88  | 28.40151   | (18020908) | 397032.86   |
| 3805186.30  | 28.67931    | (18020908) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 397056.15  | 3805183.71          | 28.80469 | (18020908) | 397079.45 |
| 3805181.13 | 28.77634 (18020908) |          |            |           |
| 397102.75  | 3805178.55          | 28.59507 | (18020908) | 397126.04 |
| 3805175.96 | 28.26443 (18020908) |          |            |           |
| 397149.34  | 3805173.38          | 27.78984 | (18020908) | 397172.64 |
| 3805170.80 | 27.17926 (18020908) |          |            |           |
| 397195.93  | 3805168.21          | 26.44287 | (18020908) | 397219.23 |
| 3805165.63 | 25.59146 (18020908) |          |            |           |
| 397242.52  | 3805163.05          | 24.63866 | (18020908) | 397265.82 |
| 3805160.46 | 23.59767 (18020908) |          |            |           |
| 397289.12  | 3805157.88          | 23.06041 | (16012621) | 397312.41 |
| 3805155.30 | 24.01937 (16012621) |          |            |           |
| 397335.71  | 3805152.71          | 24.88747 | (16012621) | 397359.00 |
| 3805150.13 | 25.65207 (16012621) |          |            |           |
| 397382.30  | 3805147.55          | 26.30297 | (16012621) | 397405.60 |
| 3805144.96 | 26.83046 (16012621) |          |            |           |
| 397428.89  | 3805142.38          | 27.22706 | (16012621) | 397452.19 |
| 3805139.80 | 27.48748 (16012621) |          |            |           |
| 397475.49  | 3805137.21          | 27.60800 | (16012621) | 397498.78 |
| 3805134.63 | 27.58738 (16012621) |          |            |           |
| 397522.08  | 3805132.05          | 27.42639 | (16012621) | 397545.37 |
| 3805129.46 | 27.12810 (16012621) |          |            |           |
| 397568.67  | 3805126.88          | 26.69726 | (16012621) | 397591.97 |
| 3805124.30 | 26.51672 (18120420) |          |            |           |
| 397615.26  | 3805121.72          | 27.06099 | (18120420) | 397638.56 |
| 3805119.13 | 27.47711 (18120420) |          |            |           |
| 397661.86  | 3805116.55          | 27.75929 | (18120420) | 397685.15 |
| 3805113.97 | 27.90369 (18120420) |          |            |           |
| 397708.45  | 3805111.38          | 27.90879 | (18120420) | 397731.74 |
| 3805108.80 | 27.77506 (18120420) |          |            |           |
| 397755.04  | 3805106.22          | 27.50486 | (18120420) | 397778.34 |
| 3805103.63 | 27.10274 (18120420) |          |            |           |
| 397801.63  | 3805101.05          | 26.57528 | (18120420) | 397824.93 |
| 3805098.47 | 25.93009 (18120420) |          |            |           |
| 397848.22  | 3805095.88          | 25.17736 | (18120420) | 397871.52 |
| 3805093.30 | 24.32714 (18120420) |          |            |           |
| 397894.82  | 3805090.72          | 23.39162 | (18120420) | 397918.11 |
| 3805088.13 | 22.86392 (16110320) |          |            |           |
| 397941.41  | 3805085.55          | 23.50351 | (18011720) | 397964.71 |
| 3805082.97 | 24.40067 (18011720) |          |            |           |
| 397988.00  | 3805080.38          | 25.20806 | (18011720) | 398011.30 |
| 3805077.80 | 25.91621 (18011720) |          |            |           |
| 398034.59  | 3805075.22          | 26.51509 | (18011720) | 398057.89 |
| 3805072.63 | 26.99730 (18011720) |          |            |           |
| 398081.19  | 3805070.05          | 27.35643 | (18011720) | 398104.48 |
| 3805067.47 | 27.58775 (18011720) |          |            |           |
| 398127.78  | 3805064.88          | 27.68866 | (18011720) | 398151.07 |
| 3805062.30 | 27.65823 (18011720) |          |            |           |
| 398174.37  | 3805059.72          | 27.49735 | (18011720) | 398197.67 |
| 3805057.14 | 27.20879 (18011720) |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398314.15   | 3805044.22  | 27.26033   | (17122508) | 398337.44   |
| 3805041.64  | 27.42905    | (17122508) |            |             |
| 398360.74   | 3805039.05  | 27.47126   | (17122508) | 398384.04   |
| 3805036.47  | 27.38688    | (17122508) |            |             |
| 398407.33   | 3805033.89  | 27.17765   | (17122508) | 398430.63   |
| 3805031.30  | 26.84680    | (17122508) |            |             |
| 398453.93   | 3805028.72  | 26.39935   | (17122508) | 398477.22   |
| 3805026.14  | 25.84204    | (17122508) |            |             |
| 398500.52   | 3805023.55  | 25.18224   | (17122508) | 398523.81   |
| 3805020.97  | 25.30318    | (17060904) |            |             |
| 398547.11   | 3805018.39  | 25.53714   | (17060904) | 398570.41   |
| 3805015.80  | 25.65708    | (17060904) |            |             |
| 398593.70   | 3805013.22  | 25.66198   | (17060904) | 398617.00   |
| 3805010.64  | 25.55222    | (17060904) |            |             |
| 398640.29   | 3805008.05  | 25.32987   | (17060904) | 382588.19   |
| 3815677.50  | 3.02919     | (18091707) |            |             |
| 382587.40   | 3815700.97  | 2.59818    | (18091707) | 382586.61   |
| 3815724.44  | 2.06792     | (19120108) |            |             |
| 382585.83   | 3815747.91  | 1.96833    | (19120108) | 382585.04   |
| 3815771.39  | 1.88962     | (19120108) |            |             |
| 382584.26   | 3815794.86  | 1.79266    | (19120108) | 382583.47   |
| 3815818.33  | 1.76335     | (19120108) |            |             |
| 382582.68   | 3815841.80  | 1.83482    | (19120108) | 382581.90   |
| 3815865.28  | 1.98193     | (19120108) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 382581.11  | 3815888.75 | 2.25228    | (18091707) | 382580.33 |
| 3815912.22 | 3.36827    | (18091707) |            |           |
| 382579.54  | 3815935.69 | 3.38018    | (18091707) | 382578.76 |
| 3815959.17 | 3.38776    | (18091707) |            |           |
| 394421.67  | 3816380.67 | 12.19590   | (18103111) | 394444.72 |
| 3816381.08 | 12.96439   | (18103111) |            |           |
| 394467.78  | 3816381.50 | 13.90200   | (18103111) | 394490.84 |
| 3816381.92 | 14.96826   | (16040515) |            |           |
| 394513.90  | 3816382.34 | 16.31305   | (16041713) | 394536.95 |
| 3816382.76 | 17.95891   | (16041713) |            |           |
| 394560.01  | 3816383.18 | 19.85396   | (16041713) | 394583.07 |
| 3816383.60 | 21.91603   | (16041713) |            |           |
| 394606.13  | 3816384.02 | 24.19740   | (16041713) | 394629.19 |
| 3816384.44 | 27.06153   | (16041713) |            |           |
| 394403.54  | 3816397.88 | 11.20677   | (18103111) | 394444.27 |
| 3816406.08 | 11.29584   | (18103111) |            |           |
| 394467.33  | 3816406.50 | 12.16333   | (18103111) | 394490.39 |
| 3816406.92 | 13.15427   | (18103111) |            |           |
| 394513.44  | 3816407.34 | 14.25557   | (18103111) | 394536.50 |
| 3816407.76 | 15.60485   | (18103111) |            |           |
| 394559.56  | 3816408.18 | 17.16642   | (18103111) | 394582.62 |
| 3816408.59 | 18.92312   | (18103111) |            |           |
| 394605.67  | 3816409.01 | 20.92846   | (18103111) | 394628.73 |
| 3816409.43 | 23.62139   | (18103111) |            |           |
| 394403.08  | 3816422.88 | 10.94558   | (16040613) | 394360.88 |
| 3816389.26 | 11.44745   | (18103111) |            |           |
| 394443.82  | 3816431.08 | 12.88129   | (16040613) | 394466.87 |
| 3816431.50 | 13.98709   | (16040613) |            |           |
| 394489.93  | 3816431.91 | 15.29911   | (16040613) | 394512.99 |
| 3816432.33 | 16.79240   | (16040613) |            |           |
| 394536.05  | 3816432.75 | 18.57219   | (16040613) | 394559.10 |
| 3816433.17 | 20.61487   | (16040613) |            |           |
| 394582.16  | 3816433.59 | 22.97707   | (16040613) | 394605.22 |
| 3816434.01 | 25.70600   | (16040613) |            |           |
| 394628.28  | 3816434.43 | 29.20877   | (16040613) | 394402.63 |
| 3816447.87 | 12.94306   | (16040613) |            |           |
| 394367.28  | 3816432.31 | 11.54000   | (16040613) | 394342.75 |
| 3816406.48 | 10.63103   | (16092715) |            |           |
| 394443.36  | 3816456.07 | 13.76330   | (16040613) | 394466.42 |
| 3816456.49 | 14.83106   | (16041712) |            |           |
| 394512.53  | 3816457.33 | 17.95441   | (16041712) | 394558.65 |
| 3816458.17 | 21.97298   | (16041712) |            |           |
| 394366.37  | 3816482.30 | 13.50613   | (16041712) | 394306.49 |
| 3816440.91 | 11.67726   | (16092714) |            |           |
| 394292.78  | 3816404.81 | 10.98446   | (20110209) | 394269.26 |
| 3816472.76 | 12.45034   | (19031409) |            |           |
| 394253.58  | 3816431.50 | 11.59250   | (20110209) | 394237.91 |
| 3816390.24 | 11.49119   | (20110209) |            |           |
| 394533.78  | 3816557.73 | 27.26168   | (18070713) | 394556.83 |
| 3816558.15 | 30.61071   | (18070713) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394579.89  | 3816558.57 | 40.72385   | (17120520) | 394378.30 |
| 3816588.34 | 23.97319   | (19031113) |            |           |
| 394280.11  | 3816545.11 | 18.89646   | (17050715) | 394233.22 |
| 3816507.77 | 15.55390   | (16020810) |            |           |
| 394217.98  | 3816467.65 | 13.02529   | (19031409) | 394202.74 |
| 3816427.54 | 11.58507   | (20110209) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 773

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3  
 \*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 394187.50   | 3816387.42  | 11.26278   | (20110209) | 394417.58   |
| 3816605.63  | 25.14410    | (18110824) |            |             |
| 394486.75   | 3816606.89  | 33.89926   | (17120520) | 394555.93   |
| 3816608.14  | 42.03798    | (19010105) |            |             |
| 394320.27   | 3816613.18  | 26.70050   | (20112703) | 394281.71   |
| 3816596.21  | 24.88449    | (19031113) |            |             |
| 394174.66   | 3816483.48  | 13.56678   | (20102608) | 394159.69   |
| 3816444.10  | 11.91813    | (19031410) |            |             |
| 394144.73   | 3816404.71  | 11.00899   | (20110209) | 394439.73   |
| 3816656.04  | 38.50002    | (17120521) |            |             |
| 394578.08   | 3816658.55  | 57.36788   | (17070818) | 394333.28   |
| 3816669.30  | 36.40595    | (17120420) |            |             |
| 394312.66   | 3816660.23  | 33.54106   | (17021722) | 394292.04   |
| 3816651.15  | 31.62548    | (18110824) |            |             |
| 394271.43   | 3816642.07  | 28.05978   | (17120519) | 394209.57   |
| 3816614.84  | 24.08437    | (19031113) |            |             |
| 394188.95   | 3816605.76  | 23.15633   | (18101509) | 394160.33   |
| 3816575.63  | 19.52517    | (17021717) |            |             |
| 394152.32   | 3816554.57  | 18.42205   | (19031408) | 394136.32   |
| 3816512.44  | 14.99826    | (16020810) |            |             |
| 394120.32   | 3816470.32  | 13.00000   | (19031409) | 394104.32   |
| 3816428.20  | 11.38739    | (19031411) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394088.32  | 3816386.08 | 10.44860   | (18111110) | 394334.41 |
| 3816770.58 | 468.99698  | (17022106) |            |           |
| 394274.76  | 3816744.33 | 340.12752  | (17030123) | 394235.00 |
| 3816726.82 | 106.51197  | (20010905) |            |           |
| 394135.58  | 3816683.05 | 27.64021   | (17120519) | 394088.10 |
| 3816645.24 | 22.31405   | (18110901) |            |           |
| 394072.67  | 3816604.62 | 20.12189   | (17021717) | 394057.24 |
| 3816564.01 | 17.19461   | (19101020) |            |           |
| 394041.81  | 3816523.39 | 14.38730   | (16020810) | 394026.38 |
| 3816482.77 | 13.06396   | (20021109) |            |           |
| 394010.95  | 3816442.16 | 11.82609   | (18010609) | 393995.52 |
| 3816401.54 | 11.24172   | (18010609) |            |           |
| 394460.06  | 3816806.43 | 307.04009  | (20011501) | 394483.12 |
| 3816806.85 | 229.07155  | (18032904) |            |           |
| 394506.18  | 3816807.27 | 196.48610  | (18121701) | 394529.24 |
| 3816807.69 | 161.38777  | (20120604) |            |           |
| 394552.29  | 3816808.11 | 131.56943  | (19010722) | 394575.35 |
| 3816808.53 | 117.80480  | (20031604) |            |           |
| 394187.02  | 3816806.48 | 260.18141  | (18022404) | 394146.09 |
| 3816788.46 | 76.04709   | (20010905) |            |           |
| 394064.23  | 3816752.43 | 28.48171   | (20031001) | 394015.36 |
| 3816713.51 | 22.21755   | (16120221) |            |           |
| 393999.48  | 3816671.70 | 20.11142   | (18110901) | 393983.60 |
| 3816629.90 | 18.62310   | (16120301) |            |           |
| 393967.72  | 3816588.09 | 16.68758   | (19031123) | 393951.84 |
| 3816546.29 | 14.50240   | (18110902) |            |           |
| 393935.95  | 3816504.49 | 12.65155   | (19123012) | 393920.07 |
| 3816462.68 | 12.18474   | (18010609) |            |           |
| 393904.19  | 3816420.88 | 11.96091   | (18010609) | 393888.31 |
| 3816379.07 | 10.88289   | (18010609) |            |           |
| 394458.25  | 3816906.42 | 527.82073  | (19062704) | 394481.30 |
| 3816906.84 | 494.96574  | (16031907) |            |           |
| 394504.36  | 3816907.25 | 505.79965  | (18011717) | 394527.42 |
| 3816907.67 | 517.91565  | (20021404) |            |           |
| 394550.48  | 3816908.09 | 523.77538  | (20111107) | 394573.53 |
| 3816908.51 | 522.02673  | (16120122) |            |           |
| 394117.89  | 3816876.83 | 209.34425  | (18010406) | 394097.00 |
| 3816867.64 | 161.21785  | (18022404) |            |           |
| 394076.11  | 3816858.44 | 103.55071  | (18051604) | 393992.56 |
| 3816821.66 | 40.01832   | (17120507) |            |           |
| 393971.68  | 3816812.47 | 36.32341   | (17120507) | 393942.68 |
| 3816781.94 | 25.84708   | (19012519) |            |           |
| 393934.58  | 3816760.60 | 23.34873   | (16120219) | 393926.48 |
| 3816739.27 | 20.39108   | (16121819) |            |           |
| 393918.37  | 3816717.94 | 19.60518   | (19101021) | 393910.27 |
| 3816696.60 | 18.69525   | (17122109) |            |           |
| 393902.16  | 3816675.27 | 17.69213   | (20112624) | 393894.06 |
| 3816653.93 | 16.90229   | (18101519) |            |           |
| 393885.95  | 3816632.60 | 16.43365   | (18101518) | 393877.85 |
| 3816611.26 | 15.78241   | (16120304) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393869.74  | 3816589.93 | 14.74857   | (17012721) | 393861.64 |
| 3816568.60 | 13.77784   | (16020817) |            |           |
| 393853.53  | 3816547.26 | 12.66205   | (18110902) | 393845.43 |
| 3816525.93 | 12.20407   | (17120510) |            |           |
| 393837.32  | 3816504.59 | 11.56108   | (17120419) | 393829.22 |
| 3816483.26 | 11.92195   | (18010609) |            |           |
| 393821.11  | 3816461.93 | 12.07227   | (18010609) | 393813.01 |
| 3816440.59 | 12.00864   | (18010609) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 774

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393804.90   | 3816419.26  | 11.74182   | (18010609) | 393796.80   |
| 3816397.92  | 11.29211    | (18010609) |            |             |
| 393788.69   | 3816376.59  | 10.68774   | (18010609) | 393780.59   |
| 3816355.26  | 9.96118     | (18010609) |            |             |
| 394456.43   | 3817006.40  | 497.71923  | (20111107) | 394479.49   |
| 3817006.82  | 530.70934   | (20111107) |            |             |
| 394502.54   | 3817007.24  | 500.79148  | (17091023) | 394525.60   |
| 3817007.66  | 544.55758   | (16121406) |            |             |
| 394548.66   | 3817008.08  | 530.36351  | (19120504) | 394571.72   |
| 3817008.49  | 556.67024   | (19120105) |            |             |
| 394061.81   | 3816952.93  | 182.56080  | (16021921) | 394021.03   |
| 3816934.98  | 137.79077   | (18010406) |            |             |
| 393939.46   | 3816899.07  | 52.50047   | (17030123) | 393898.67   |
| 3816881.11  | 38.79811    | (20010905) |            |             |
| 393870.36   | 3816851.30  | 31.42300   | (17120507) | 393854.54   |
| 3816809.65  | 20.21021    | (19012519) |            |             |
| 393838.71   | 3816767.99  | 17.68242   | (17120623) | 393822.89   |
| 3816726.33  | 16.67105    | (17122109) |            |             |
| 393807.06   | 3816684.67  | 15.43613   | (18101519) | 393791.23   |
| 3816643.01  | 14.31985    | (17100906) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393775.41  | 3816601.35 | 12.93375   | (17012721) | 393759.58 |
| 3816559.70 | 11.51562   | (16120305) |            |           |
| 393743.76  | 3816518.04 | 11.05655   | (18010609) | 393727.93 |
| 3816476.38 | 11.60710   | (18010609) |            |           |
| 393712.10  | 3816434.72 | 11.48608   | (18010609) | 393696.28 |
| 3816393.06 | 10.75474   | (18010609) |            |           |
| 394454.61  | 3817106.38 | 472.94204  | (20020718) | 394477.67 |
| 3817106.80 | 503.27716  | (16121406) |            |           |
| 394500.73  | 3817107.22 | 520.09284  | (19120504) | 394523.79 |
| 3817107.64 | 522.26051  | (20011802) |            |           |
| 394546.84  | 3817108.06 | 481.45044  | (18032001) | 394569.90 |
| 3817108.48 | 515.30449  | (20022707) |            |           |
| 393992.26  | 3817023.09 | 195.71581  | (19012421) | 393971.53 |
| 3817013.97 | 167.42270  | (16021921) |            |           |
| 393950.81  | 3817004.85 | 149.55423  | (17012922) | 393930.09 |
| 3816995.73 | 121.35646  | (18010406) |            |           |
| 393909.37  | 3816986.61 | 104.79114  | (18022404) | 393888.65 |
| 3816977.48 | 86.09724   | (18022404) |            |           |
| 393867.93  | 3816968.36 | 70.74751   | (17030123) | 393847.21 |
| 3816959.24 | 58.12671   | (17030123) |            |           |
| 393826.49  | 3816950.12 | 38.81097   | (20010905) | 393797.72 |
| 3816919.83 | 27.71164   | (19112603) |            |           |
| 393781.64  | 3816877.50 | 19.83564   | (16110219) | 393773.60 |
| 3816856.34 | 17.19260   | (18030421) |            |           |
| 393757.52  | 3816814.01 | 15.55136   | (19031422) | 393749.48 |
| 3816792.85 | 14.93399   | (17120623) |            |           |
| 393733.40  | 3816750.52 | 14.06158   | (17122109) | 393725.36 |
| 3816729.35 | 13.74829   | (20030204) |            |           |
| 393709.28  | 3816687.02 | 13.13814   | (17122117) | 393701.24 |
| 3816665.86 | 12.70081   | (17100906) |            |           |
| 393685.16  | 3816623.53 | 11.73623   | (17120717) | 393677.12 |
| 3816602.37 | 11.05822   | (16020817) |            |           |
| 393661.04  | 3816560.04 | 10.26237   | (16120305) | 393653.00 |
| 3816538.87 | 10.28154   | (18010609) |            |           |
| 393636.92  | 3816496.54 | 10.94667   | (18010609) | 393620.84 |
| 3816454.22 | 11.04261   | (18010609) |            |           |
| 393612.80  | 3816433.05 | 10.87985   | (18010609) | 393596.72 |
| 3816390.72 | 9.70628    | (18010609) |            |           |
| 393588.68  | 3816369.56 | 7.52074    | (18122915) | 394452.80 |
| 3817206.37 | 477.14067  | (19120504) |            |           |
| 394475.85  | 3817206.79 | 498.53011  | (20011802) | 394498.91 |
| 3817207.21 | 452.21329  | (20022707) |            |           |
| 394521.97  | 3817207.62 | 494.87771  | (20022707) | 394545.03 |
| 3817208.04 | 479.40704  | (18100905) |            |           |
| 394568.09  | 3817208.46 | 469.01762  | (20122117) | 393813.64 |
| 3817196.42 | 153.97932  | (16040606) |            |           |
| 393792.63  | 3817187.17 | 106.86146  | (16103001) | 393771.61 |
| 3817177.92 | 101.91904  | (19012421) |            |           |
| 393750.59  | 3817168.66 | 85.14896   | (19012421) | 393729.57 |
| 3817159.41 | 73.90498   | (16021921) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393708.55  | 3817150.16 | 69.48598   | (17012922) | 393687.54 |
| 3817140.91 | 46.53619   | (18010406) |            |           |
| 393666.52  | 3817131.66 | 37.64358   | (18022404) | 393645.50 |
| 3817122.40 | 30.02751   | (18022404) |            |           |
| 393616.33  | 3817091.68 | 23.04767   | (19121904) | 393608.17 |
| 3817070.22 | 20.62164   | (20122004) |            |           |
| 393600.02  | 3817048.75 | 18.47385   | (19122702) | 393591.86 |
| 3817027.28 | 16.20089   | (19112603) |            |           |
| 393583.71  | 3817005.81 | 14.63359   | (17120507) | 393575.55 |
| 3816984.35 | 13.48358   | (17030120) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 775

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393567.40   | 3816962.88  | 13.05766   | (16092718) | 393559.24   |
| 3816941.41  | 12.71967    | (20011505) |            |             |
| 393551.09   | 3816919.95  | 12.27811   | (18012819) | 393542.93   |
| 3816898.48  | 11.96508    | (17021208) |            |             |
| 393534.78   | 3816877.01  | 11.58093   | (17090101) | 393526.62   |
| 3816855.54  | 11.25135    | (19101023) |            |             |
| 393518.46   | 3816834.08  | 11.00790   | (16120220) | 393510.31   |
| 3816812.61  | 10.86955    | (17120505) |            |             |
| 393502.15   | 3816791.14  | 10.56528   | (17121707) | 393494.00   |
| 3816769.68  | 10.32212    | (16122203) |            |             |
| 393485.84   | 3816748.21  | 10.05566   | (18110905) | 393477.69   |
| 3816726.74  | 9.62915     | (19101103) |            |             |
| 393469.53   | 3816705.27  | 9.34812    | (19101103) | 393461.38   |
| 3816683.81  | 9.15603     | (20020404) |            |             |
| 393453.22   | 3816662.34  | 8.98248    | (19101101) | 393445.07   |
| 3816640.87  | 8.76355     | (17120522) |            |             |
| 393436.91   | 3816619.40  | 8.58176    | (20120718) | 393428.76   |
| 3816597.94  | 8.40863     | (16120305) |            |             |

|            |           |                      |           |            |           |
|------------|-----------|----------------------|-----------|------------|-----------|
| 3816555.00 | 393420.60 | 3816576.47           | 8.68448   | (18010609) | 393412.44 |
|            |           | 9.04878 (18010609)   |           |            |           |
|            | 393404.29 | 3816533.54           | 9.32836   | (18010609) | 393396.13 |
| 3816512.07 |           | 9.51744 (18010609)   |           |            |           |
|            | 393387.98 | 3816490.60           | 9.61277   | (18010609) | 393379.82 |
| 3816469.13 |           | 9.16385 (18010609)   |           |            |           |
|            | 393371.67 | 3816447.67           | 8.18580   | (18010609) | 393363.51 |
| 3816426.20 |           | 7.44975 (18010609)   |           |            |           |
|            | 393355.36 | 3816404.73           | 7.11192   | (19102923) | 393347.20 |
| 3816383.27 |           | 7.05083 (18020619)   |           |            |           |
|            | 393339.05 | 3816361.80           | 7.01100   | (19121622) | 393330.89 |
| 3816340.33 |           | 6.92810 (18031117)   |           |            |           |
|            | 394448.26 | 3817456.33           | 393.54220 | (18100905) | 394471.31 |
| 3817456.75 |           | 398.46334 (20122117) |           |            |           |
|            | 394494.37 | 3817457.16           | 406.92251 | (20122117) | 394517.43 |
| 3817457.58 |           | 363.85478 (17011408) |           |            |           |
|            | 393629.93 | 3817367.51           | 52.88390  | (17022423) | 393609.19 |
| 3817358.37 |           | 45.22302 (17022423)  |           |            |           |
|            | 393588.44 | 3817349.24           | 32.63466  | (17112517) | 393567.69 |
| 3817340.11 |           | 28.60022 (19012421)  |           |            |           |
|            | 393546.94 | 3817330.97           | 29.62260  | (19012421) | 393526.19 |
| 3817321.84 |           | 27.84220 (19012421)  |           |            |           |
|            | 393505.45 | 3817312.71           | 26.14637  | (16011105) | 393484.70 |
| 3817303.57 |           | 23.81917 (16011105)  |           |            |           |
|            | 393463.95 | 3817294.44           | 20.70243  | (17101403) | 393435.15 |
| 3817264.11 |           | 19.20112 (17022504)  |           |            |           |
|            | 393419.05 | 3817221.73           | 17.72837  | (20040804) | 393411.00 |
| 3817200.54 |           | 16.75828 (18022101)  |           |            |           |
|            | 393402.95 | 3817179.35           | 14.46110  | (19121904) | 393386.85 |
| 3817136.97 |           | 13.70785 (19122702)  |           |            |           |
|            | 393378.80 | 3817115.77           | 12.99945  | (19100203) | 393370.75 |
| 3817094.58 |           | 12.57257 (19011601)  |           |            |           |
|            | 393354.65 | 3817052.20           | 11.26979  | (16092718) | 393346.60 |
| 3817031.01 |           | 11.27401 (20091424)  |           |            |           |
|            | 393338.55 | 3817009.82           | 11.12530  | (18101919) | 393322.44 |
| 3816967.43 |           | 10.56161 (17021220)  |           |            |           |
|            | 393314.39 | 3816946.24           | 10.48959  | (17021220) | 393306.34 |
| 3816925.05 |           | 10.38146 (19010107)  |           |            |           |
|            | 393298.29 | 3816903.86           | 10.12261  | (18030520) | 393282.19 |
| 3816861.48 |           | 9.60407 (18111119)   |           |            |           |
|            | 393274.14 | 3816840.28           | 9.47708   | (20022520) | 393266.09 |
| 3816819.09 |           | 9.30367 (18020622)   |           |            |           |
|            | 393249.99 | 3816776.71           | 8.86654   | (18032707) | 393241.94 |
| 3816755.52 |           | 8.75052 (18032707)   |           |            |           |
|            | 393233.89 | 3816734.33           | 8.57018   | (17012720) | 393217.79 |
| 3816691.94 |           | 7.97229 (18101507)   |           |            |           |
|            | 393209.74 | 3816670.75           | 7.64294   | (17120522) | 393201.69 |
| 3816649.56 |           | 7.44194 (17102318)   |           |            |           |
|            | 393193.63 | 3816628.37           | 7.30805   | (19121621) | 393177.53 |
| 3816585.99 |           | 7.14058 (17121716)   |           |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393245.67  | 3817414.67          | 26.17042 | (18010406) | 393237.54 |
| 3817393.28 | 23.87372 (18022404) |          |            |           |
| 393229.41  | 3817371.88          | 23.05680 | (18022404) | 393221.28 |
| 3817350.49 | 19.75450 (17022504) |          |            |           |
| 393213.15  | 3817329.09          | 18.61413 | (18022101) | 393205.03 |
| 3817307.70 | 18.16208 (18022101) |          |            |           |
| 393196.90  | 3817286.30          | 16.68995 | (18022101) | 393188.77 |
| 3817264.91 | 15.65113 (19011507) |          |            |           |
| 393180.64  | 3817243.51          | 14.92777 | (19122702) | 393172.52 |
| 3817222.12 | 13.85106 (19100203) |          |            |           |
| 393164.39  | 3817200.72          | 13.11909 | (19100203) | 393156.26 |
| 3817179.33 | 12.58277 (16120808) |          |            |           |
| 393148.13  | 3817157.93          | 11.55825 | (18110921) | 393140.00 |
| 3817136.54 | 10.52763 (18030422) |          |            |           |
| 393131.88  | 3817115.14          | 10.08055 | (18030422) | 393123.75 |
| 3817093.75 | 9.84849 (18093001)  |          |            |           |
| 393115.62  | 3817072.35          | 10.89647 | (18021305) | 393107.49 |
| 3817050.96 | 10.79332 (18021305) |          |            |           |
| 393099.36  | 3817029.56          | 9.83820  | (18122819) | 393091.24 |
| 3817008.17 | 9.43989 (19010107)  |          |            |           |
| 393083.11  | 3816986.77          | 9.15402  | (19010107) | 393074.98 |
| 3816965.38 | 8.86319 (18030520)  |          |            |           |
| 393066.85  | 3816943.98          | 9.07318  | (18102904) | 393058.72 |
| 3816922.59 | 9.21135 (18032718)  |          |            |           |
| 393050.60  | 3816901.19          | 9.46933  | (18032718) | 393042.47 |
| 3816879.80 | 9.58889 (19103021)  |          |            |           |
| 393034.34  | 3816858.40          | 9.95007  | (17030406) | 393026.21 |
| 3816837.01 | 10.40447 (17030406) |          |            |           |
| 393018.09  | 3816815.61          | 10.62985 | (20030902) | 393009.96 |
| 3816794.22 | 11.16670 (20030902) |          |            |           |
| 393001.83  | 3816772.82          | 12.58953 | (19112604) | 392993.70 |
| 3816751.43 | 15.67344 (19112604) |          |            |           |
| 392985.57  | 3816730.03          | 17.01006 | (19112604) | 392977.45 |
| 3816708.64 | 16.34198 (20030302) |          |            |           |
| 392969.32  | 3816687.24          | 14.54789 | (18010904) | 392961.19 |
| 3816665.85 | 12.86693 (19112321) |          |            |           |
| 392953.06  | 3816644.45          | 11.53577 | (19022223) | 392944.93 |
| 3816623.06 | 9.98285 (20011720)  |          |            |           |
| 392936.81  | 3816601.66          | 8.81819  | (18101503) | 392928.68 |
| 3816580.27 | 8.60040 (18101503)  |          |            |           |
| 392920.55  | 3816558.87          | 8.43280  | (17100919) | 392912.42 |
| 3816537.48 | 8.13935 (17100919)  |          |            |           |
| 392904.29  | 3816516.08          | 7.93286  | (19123017) | 392896.17 |
| 3816494.69 | 7.53170 (18101502)  |          |            |           |
| 392888.04  | 3816473.29          | 7.48323  | (18010609) | 392879.91 |
| 3816451.90 | 7.40979 (18010609)  |          |            |           |
| 392871.78  | 3816430.50          | 7.29611  | (18010609) | 392863.66 |
| 3816409.11 | 7.14494 (18010609)  |          |            |           |
| 392855.53  | 3816387.71          | 6.68441  | (17042823) | 392847.40 |
| 3816366.32 | 6.58435 (20102718)  |          |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 392839.27                                                                | 3816344.92 | 6.62944    | (20102718) | 392831.14 |
| 3816323.53                                                               | 6.59544    | (17120501) |            |           |
| 394462.23                                                                | 3817956.66 | 284.83015  | (19110502) | 394485.29 |
| 3817957.08                                                               | 266.40691  | (18012218) |            |           |
| 394508.35                                                                | 3817957.50 | 261.54614  | (17112921) | 394531.40 |
| 3817957.92                                                               | 243.22994  | (17021123) |            |           |
| 393629.11                                                                | 3817871.06 | 128.73931  | (16121122) | 393608.01 |
| 3817861.77                                                               | 150.56462  | (16121122) |            |           |
| 393586.92                                                                | 3817852.49 | 170.08546  | (20020504) | 393565.82 |
| 3817843.20                                                               | 181.82485  | (20010717) |            |           |
| 393544.73                                                                | 3817833.91 | 177.35751  | (20010717) | 393523.63 |
| 3817824.63                                                               | 165.42170  | (18122218) |            |           |
| 393502.54                                                                | 3817815.34 | 149.60117  | (19022301) | 393481.44 |
| 3817806.05                                                               | 141.02909  | (19022301) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                    | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                          | ***        | 17:54:19   |            |           |

PAGE 777

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393460.35   | 3817796.77  | 143.23883  | (19120106) | 393439.25   |
| 3817787.48  | 137.60734   | (19120106) |            |             |
| 393418.16   | 3817778.20  | 148.24866  | (18111107) | 393397.06   |
| 3817768.91  | 156.25267   | (18111302) |            |             |
| 393375.97   | 3817759.62  | 160.61270  | (18111302) | 393354.87   |
| 3817750.34  | 156.56193   | (18070504) |            |             |
| 393270.49   | 3817713.19  | 102.49551  | (16112903) | 393249.40   |
| 3817703.91  | 95.08587    | (19112123) |            |             |
| 393228.30   | 3817694.62  | 83.25885   | (19112123) | 393207.21   |
| 3817685.33  | 75.06805    | (20120121) |            |             |
| 393186.12   | 3817676.05  | 66.56399   | (20120121) | 393165.02   |
| 3817666.76  | 59.50933    | (16040606) |            |             |
| 393143.93   | 3817657.47  | 49.97810   | (16040606) | 393122.83   |
| 3817648.19  | 43.05403    | (16103001) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393101.74  | 3817638.90           | 41.41928  | (19012421) | 393072.46 |
| 3817608.07 | 37.14861 (16021921)  |           |            |           |
| 393064.27  | 3817586.52           | 37.95759  | (16021921) | 393056.09 |
| 3817564.98 | 42.69726 (20020807)  |           |            |           |
| 393047.90  | 3817543.43           | 42.69854  | (20020807) | 393039.72 |
| 3817521.89 | 38.38871 (18010406)  |           |            |           |
| 393031.53  | 3817500.34           | 35.45596  | (18022404) | 393023.34 |
| 3817478.79 | 34.37272 (18022404)  |           |            |           |
| 393015.16  | 3817457.25           | 31.17579  | (18051604) | 393006.97 |
| 3817435.70 | 23.38914 (17030123)  |           |            |           |
| 392998.79  | 3817414.16           | 20.34220  | (20021808) | 392990.60 |
| 3817392.61 | 18.51461 (20021808)  |           |            |           |
| 392982.42  | 3817371.06           | 17.25366  | (19011507) | 392974.23 |
| 3817349.52 | 16.56887 (19122702)  |           |            |           |
| 392966.05  | 3817327.97           | 15.82868  | (19122702) | 392957.86 |
| 3817306.43 | 15.27498 (17121420)  |           |            |           |
| 392949.68  | 3817284.88           | 15.08978  | (17021801) | 392941.49 |
| 3817263.33 | 14.52197 (17021801)  |           |            |           |
| 392933.31  | 3817241.79           | 13.70216  | (18110921) | 392925.12 |
| 3817220.24 | 13.14604 (19012317)  |           |            |           |
| 392916.94  | 3817198.70           | 13.89902  | (19012317) | 392908.75 |
| 3817177.15 | 14.25261 (16061902)  |           |            |           |
| 392900.57  | 3817155.60           | 14.01679  | (20040707) | 392892.38 |
| 3817134.06 | 14.79710 (20040707)  |           |            |           |
| 392884.20  | 3817112.51           | 16.23971  | (19053106) | 392876.01 |
| 3817090.97 | 19.38352 (19053106)  |           |            |           |
| 392867.82  | 3817069.42           | 28.83979  | (17020220) | 392859.64 |
| 3817047.88 | 41.63441 (18122801)  |           |            |           |
| 392851.45  | 3817026.33           | 56.51889  | (18122801) | 392843.27 |
| 3817004.78 | 65.41092 (19010524)  |           |            |           |
| 392835.08  | 3816983.24           | 76.27916  | (19120417) | 392826.90 |
| 3816961.69 | 96.73334 (19120417)  |           |            |           |
| 392818.71  | 3816940.15           | 117.94232 | (16012605) | 392810.53 |
| 3816918.60 | 138.21185 (16012605) |           |            |           |
| 392802.34  | 3816897.05           | 157.70613 | (16123017) | 392794.16 |
| 3816875.51 | 177.90366 (16111417) |           |            |           |
| 392785.97  | 3816853.96           | 203.43864 | (16111417) | 392777.79 |
| 3816832.42 | 192.05216 (16111417) |           |            |           |
| 392769.60  | 3816810.87           | 207.88804 | (17011704) | 392761.42 |
| 3816789.32 | 216.60421 (17011704) |           |            |           |
| 392753.23  | 3816767.78           | 180.77377 | (17011704) | 392745.05 |
| 3816746.23 | 137.66542 (18030604) |           |            |           |
| 392736.86  | 3816724.69           | 96.20946  | (17030222) | 392728.68 |
| 3816703.14 | 66.93402 (16020421)  |           |            |           |
| 392720.49  | 3816681.59           | 47.34752  | (19101005) | 392712.31 |
| 3816660.05 | 32.62567 (17010305)  |           |            |           |
| 392704.12  | 3816638.50           | 23.10171  | (17010305) | 392695.93 |
| 3816616.96 | 16.87155 (17122106)  |           |            |           |
| 392687.75  | 3816595.41           | 14.20762  | (17122106) | 392679.56 |
| 3816573.87 | 12.34324 (16011908)  |           |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392671.38  | 3816552.32 | 11.05678   | (20011301) | 392663.19 |
| 3816530.77 | 10.17083   | (20011301) |            |           |
| 392655.01  | 3816509.23 | 9.04632    | (20011301) | 392646.82 |
| 3816487.68 | 8.19556    | (19122218) |            |           |
| 392638.64  | 3816466.14 | 7.64545    | (17112918) | 392630.45 |
| 3816444.59 | 7.51055    | (19011609) |            |           |
| 392622.27  | 3816423.04 | 7.91864    | (16011102) | 392614.08 |
| 3816401.50 | 7.74547    | (16011102) |            |           |
| 392605.90  | 3816379.95 | 7.60910    | (19021301) | 392597.71 |
| 3816358.41 | 7.37851    | (19010515) |            |           |
| 392589.53  | 3816336.86 | 7.23512    | (19010515) | 392581.34 |
| 3816315.31 | 6.98796    | (19010515) |            |           |
| 394434.63  | 3818206.20 | 224.16498  | (17112921) | 394457.69 |
| 3818206.62 | 212.59639  | (17112921) |            |           |
| 394549.92  | 3818208.30 | 252.80397  | (17111118) | 394572.98 |
| 3818208.72 | 262.75124  | (17111118) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 778

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394596.04   | 3818209.13  | 261.42477  | (16102921) | 393559.27   |
| 3818344.23  | 193.92161   | (20111107) |            |             |
| 393538.24   | 3818334.97  | 201.14927  | (20111107) | 393517.21   |
| 3818325.72  | 190.28003   | (20111107) |            |             |
| 393496.18   | 3818316.46  | 171.50655  | (18011717) | 393475.15   |
| 3818307.20  | 188.45639   | (18011717) |            |             |
| 393454.12   | 3818297.94  | 189.21112  | (18011717) | 393433.09   |
| 3818288.69  | 173.76728   | (18011717) |            |             |
| 393412.06   | 3818279.43  | 146.26851  | (16031907) | 393391.03   |
| 3818270.17  | 156.18110   | (16031907) |            |             |
| 393370.00   | 3818260.91  | 152.86855  | (16031907) | 393348.97   |
| 3818251.66  | 145.21309   | (19062704) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393327.94  | 3818242.40 | 161.52455  | (19062704) | 393306.91 |
| 3818233.14 | 167.47078  | (19062704) |            |           |
| 393285.88  | 3818223.88 | 160.04329  | (19062704) | 393264.85 |
| 3818214.62 | 137.79388  | (19062704) |            |           |
| 393243.82  | 3818205.37 | 147.21635  | (20010717) | 393222.80 |
| 3818196.11 | 145.97429  | (20010717) |            |           |
| 393201.77  | 3818186.85 | 132.71932  | (20010717) | 393180.74 |
| 3818177.59 | 129.62033  | (18122218) |            |           |
| 393159.71  | 3818168.34 | 120.94461  | (18122218) | 393138.68 |
| 3818159.08 | 121.42746  | (16112518) |            |           |
| 393117.65  | 3818149.82 | 124.50438  | (19120106) | 393096.62 |
| 3818140.56 | 125.23484  | (19120106) |            |           |
| 393075.59  | 3818131.30 | 118.76253  | (19120106) | 393054.56 |
| 3818122.05 | 115.11442  | (18111107) |            |           |
| 393033.53  | 3818112.79 | 106.60420  | (18111107) | 393012.50 |
| 3818103.53 | 103.15569  | (18111302) |            |           |
| 392991.47  | 3818094.27 | 94.43890   | (18111302) | 392907.35 |
| 3818057.24 | 82.67036   | (19111222) |            |           |
| 392886.32  | 3818047.99 | 83.19197   | (16112903) | 392865.29 |
| 3818038.73 | 87.53539   | (16112903) |            |           |
| 392844.26  | 3818029.47 | 95.04399   | (19112123) | 392823.23 |
| 3818020.21 | 94.87091   | (19112123) |            |           |
| 392802.20  | 3818010.95 | 91.91691   | (16022104) | 392781.17 |
| 3818001.70 | 91.63563   | (16022104) |            |           |
| 392760.14  | 3817992.44 | 86.29814   | (16022104) | 392739.11 |
| 3817983.18 | 85.31461   | (17010803) |            |           |
| 392709.92  | 3817952.44 | 77.98099   | (18111920) | 392701.76 |
| 3817930.96 | 75.19148   | (18111920) |            |           |
| 392693.60  | 3817909.49 | 73.98212   | (19112102) | 392685.44 |
| 3817888.01 | 72.19717   | (19112102) |            |           |
| 392677.28  | 3817866.53 | 70.24155   | (20021308) | 392669.12 |
| 3817845.05 | 68.20495   | (20021308) |            |           |
| 392660.96  | 3817823.57 | 65.56403   | (18022807) | 392652.80 |
| 3817802.09 | 63.74404   | (18022807) |            |           |
| 392644.64  | 3817780.61 | 58.30176   | (18022605) | 392636.48 |
| 3817759.13 | 56.43519   | (18022605) |            |           |
| 392628.32  | 3817737.65 | 51.01142   | (17013124) | 392620.16 |
| 3817716.17 | 48.41302   | (17013124) |            |           |
| 392612.00  | 3817694.69 | 45.54016   | (17011607) | 392603.84 |
| 3817673.21 | 44.35563   | (17011607) |            |           |
| 392595.68  | 3817651.73 | 39.96108   | (17011607) | 392587.52 |
| 3817630.25 | 38.70840   | (17030123) |            |           |
| 392579.36  | 3817608.77 | 36.02994   | (17041101) | 392571.20 |
| 3817587.29 | 34.47357   | (17041101) |            |           |
| 392563.04  | 3817565.81 | 32.47423   | (20010905) | 392554.88 |
| 3817544.33 | 32.10221   | (20010905) |            |           |
| 392546.72  | 3817522.85 | 29.43088   | (20010905) | 392538.56 |
| 3817501.37 | 28.26625   | (18122024) |            |           |
| 392530.40  | 3817479.89 | 28.77372   | (20021207) | 392522.24 |
| 3817458.41 | 29.50223   | (20021207) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392514.08  | 3817436.94 | 32.00325   | (20010906) | 392505.92 |
| 3817415.46 | 33.48531   | (20010906) |            |           |
| 392497.76  | 3817393.98 | 35.59355   | (19122805) | 392489.60 |
| 3817372.50 | 38.36223   | (19122805) |            |           |
| 392481.44  | 3817351.02 | 43.28964   | (20030904) | 392473.28 |
| 3817329.54 | 51.75347   | (20030904) |            |           |
| 392465.12  | 3817308.06 | 61.99651   | (16012724) | 392456.96 |
| 3817286.58 | 75.19599   | (16012724) |            |           |
| 392448.80  | 3817265.10 | 85.23600   | (17013018) | 392440.64 |
| 3817243.62 | 99.86909   | (17013018) |            |           |
| 392432.48  | 3817222.14 | 124.61159  | (18102822) | 392424.32 |
| 3817200.66 | 156.11408  | (18102822) |            |           |
| 392416.16  | 3817179.18 | 157.32415  | (18102822) | 392408.00 |
| 3817157.70 | 142.46557  | (17111117) |            |           |
| 392399.84  | 3817136.22 | 151.50076  | (17111117) | 392391.68 |
| 3817114.74 | 151.14048  | (19120417) |            |           |
| 392383.52  | 3817093.26 | 160.30729  | (19120417) | 392375.36 |
| 3817071.78 | 166.04381  | (16012605) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 779

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392367.20   | 3817050.30  | 175.42236  | (16012605) | 392359.04   |
| 3817028.82  | 149.61140   | (16012605) |            |             |
| 392350.88   | 3817007.34  | 126.53694  | (16123017) | 392342.72   |
| 3816985.86  | 113.01126   | (16123017) |            |             |
| 392334.56   | 3816964.38  | 102.03078  | (16111417) | 392326.40   |
| 3816942.91  | 82.40156    | (17030401) |            |             |
| 392318.24   | 3816921.43  | 62.92447   | (19082401) | 392310.08   |
| 3816899.95  | 51.70873    | (17011704) |            |             |
| 392301.92   | 3816878.47  | 49.25588   | (17011704) | 392293.76   |
| 3816856.99  | 48.46639    | (17011704) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816814.03 | 392285.60 | 3816835.51 | 51.76106   | (18030604) | 392277.44 |
|            |           | 53.83240   | (18030604) |            |           |
| 3816771.07 | 392269.28 | 3816792.55 | 53.80409   | (17030222) | 392261.12 |
|            |           | 51.77639   | (17030222) |            |           |
| 3816728.11 | 392252.96 | 3816749.59 | 53.07212   | (20031803) | 392244.80 |
|            |           | 53.71366   | (20031803) |            |           |
| 3816685.15 | 392236.64 | 3816706.63 | 51.68870   | (19120324) | 392228.48 |
|            |           | 52.07867   | (19120324) |            |           |
| 3816642.19 | 392220.32 | 3816663.67 | 55.22143   | (16111707) | 392212.16 |
|            |           | 59.12928   | (16111707) |            |           |
| 3816599.23 | 392204.00 | 3816620.71 | 62.27777   | (18111703) | 392195.84 |
|            |           | 67.76352   | (18111703) |            |           |
| 3816556.27 | 392187.68 | 3816577.75 | 69.31169   | (18111701) | 392179.52 |
|            |           | 76.52655   | (18111701) |            |           |
| 3816513.31 | 392171.36 | 3816534.79 | 86.84956   | (19120217) | 392163.20 |
|            |           | 111.31603  | (19120217) |            |           |
| 3816470.35 | 392155.04 | 3816491.83 | 135.21601  | (19120217) | 392146.88 |
|            |           | 159.44820  | (17011306) |            |           |
| 3816427.40 | 392138.72 | 3816448.88 | 156.10391  | (17011306) | 392130.56 |
|            |           | 161.41609  | (19110706) |            |           |
| 3816384.44 | 392122.40 | 3816405.92 | 160.35291  | (19110706) | 392114.24 |
|            |           | 149.55739  | (19110706) |            |           |
| 3816341.48 | 392106.08 | 3816362.96 | 135.26311  | (18010804) | 392097.92 |
|            |           | 147.61370  | (18010804) |            |           |
| 3816298.52 | 392089.76 | 3816320.00 | 151.50328  | (18010804) | 392081.60 |
|            |           | 150.43695  | (17122717) |            |           |
| 3818706.54 | 394425.55 | 3818706.12 | 157.25788  | (16083102) | 394448.61 |
|            |           | 184.23616  | (17111118) |            |           |
| 3818707.38 | 394471.67 | 3818706.96 | 199.69046  | (17111118) | 394494.72 |
|            |           | 196.79101  | (17111118) |            |           |
| 3818708.21 | 394517.78 | 3818707.80 | 199.22455  | (16102921) | 394540.84 |
|            |           | 192.06966  | (16102921) |            |           |
| 3818709.05 | 394563.90 | 3818708.63 | 178.01872  | (19120218) | 394586.95 |
|            |           | 199.06961  | (19120218) |            |           |
| 3818807.91 | 393488.86 | 3818817.15 | 162.80822  | (17031323) | 393467.87 |
|            |           | 160.23001  | (16121406) |            |           |
| 3818789.43 | 393446.89 | 3818798.67 | 163.33762  | (16121406) | 393425.90 |
|            |           | 155.40194  | (16121406) |            |           |
| 3818770.96 | 393404.91 | 3818780.20 | 142.67119  | (20020718) | 393383.92 |
|            |           | 139.71310  | (17091023) |            |           |
| 3818752.48 | 393362.94 | 3818761.72 | 145.11853  | (17091023) | 393341.95 |
|            |           | 140.85031  | (17091023) |            |           |
| 3818734.00 | 393320.96 | 3818743.24 | 134.00341  | (20111107) | 393299.97 |
|            |           | 152.00685  | (20111107) |            |           |
| 3818715.52 | 393278.98 | 3818724.76 | 161.25441  | (20111107) | 393258.00 |
|            |           | 160.07216  | (20111107) |            |           |
| 3818697.04 | 393237.01 | 3818706.28 | 148.77060  | (20111107) | 393216.02 |
|            |           | 138.88687  | (18011717) |            |           |
| 3818678.56 | 393195.03 | 3818687.80 | 150.87682  | (18011717) | 393174.04 |
|            |           | 153.61079  | (18011717) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393153.06  | 3818669.32 | 146.67321  | (18011717) | 393132.07 |
| 3818660.09 | 131.42717  | (18011717) |            |           |
| 393111.08  | 3818650.85 | 119.46216  | (16031907) | 393090.09 |
| 3818641.61 | 125.11940  | (16031907) |            |           |
| 393069.11  | 3818632.37 | 123.12002  | (16031907) | 393048.12 |
| 3818623.13 | 114.09837  | (19062704) |            |           |
| 393027.13  | 3818613.89 | 131.12334  | (19062704) | 393006.14 |
| 3818604.65 | 141.73579  | (19062704) |            |           |
| 392985.15  | 3818595.41 | 144.21569  | (19062704) | 392964.17 |
| 3818586.17 | 138.23582  | (19062704) |            |           |
| 392943.18  | 3818576.93 | 124.91855  | (19062704) | 392922.19 |
| 3818567.69 | 127.17195  | (20010717) |            |           |
| 392901.20  | 3818558.45 | 134.24572  | (20010717) | 392880.21 |
| 3818549.21 | 133.77003  | (20010717) |            |           |
| 392859.23  | 3818539.98 | 125.93215  | (20010717) | 392838.24 |
| 3818530.74 | 127.03867  | (18122218) |            |           |
| 392817.25  | 3818521.50 | 122.20601  | (18122218) | 392796.26 |
| 3818512.26 | 125.23677  | (17010720) |            |           |
| 392775.28  | 3818503.02 | 140.51898  | (17010720) | 392754.29 |
| 3818493.78 | 149.30012  | (17010720) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 780

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392733.30   | 3818484.54  | 150.33356  | (17010720) | 392712.31   |
| 3818475.30  | 143.57697   | (17010720) |            |             |
| 392691.32   | 3818466.06  | 130.16770  | (17010720) | 392670.34   |
| 3818456.82  | 121.25622   | (18091303) |            |             |
| 392649.35   | 3818447.58  | 116.32738  | (18111302) | 392628.36   |
| 3818438.34  | 116.86687   | (18111302) |            |             |
| 392565.40   | 3818410.63  | 125.74933  | (18070504) | 392544.41   |
| 3818401.39  | 128.21187   | (19111222) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392523.42  | 3818392.15 | 129.52579  | (19111222) | 392502.43 |
| 3818382.91 | 124.84619  | (19111222) |            |           |
| 392481.45  | 3818373.67 | 114.91022  | (19111222) | 392460.46 |
| 3818364.43 | 115.54328  | (19112123) |            |           |
| 392439.47  | 3818355.19 | 123.65437  | (19112123) | 392418.48 |
| 3818345.95 | 126.51508  | (19112123) |            |           |
| 392397.49  | 3818336.71 | 131.78367  | (16022104) | 392376.51 |
| 3818327.47 | 139.01854  | (16022104) |            |           |
| 392347.37  | 3818296.80 | 133.76585  | (16022104) | 392339.23 |
| 3818275.36 | 133.03283  | (17010803) |            |           |
| 392331.09  | 3818253.92 | 129.18784  | (17010803) | 392322.94 |
| 3818232.49 | 123.52255  | (18111920) |            |           |
| 392314.80  | 3818211.05 | 122.35746  | (18111920) | 392306.66 |
| 3818189.61 | 116.70179  | (19112102) |            |           |
| 392298.51  | 3818168.18 | 117.88704  | (19112102) | 392290.37 |
| 3818146.74 | 112.77263  | (19112102) |            |           |
| 392282.22  | 3818125.30 | 110.15235  | (20021308) | 392274.08 |
| 3818103.87 | 107.38127  | (20021308) |            |           |
| 392265.94  | 3818082.43 | 100.41677  | (18022807) | 392257.79 |
| 3818060.99 | 100.33399  | (18022807) |            |           |
| 392249.65  | 3818039.56 | 94.23045   | (18022807) | 392241.51 |
| 3818018.12 | 83.51854   | (19022323) |            |           |
| 392233.36  | 3817996.68 | 81.11399   | (19022323) | 392225.22 |
| 3817975.25 | 80.30098   | (19122817) |            |           |
| 392217.07  | 3817953.81 | 78.85134   | (19122817) | 392208.93 |
| 3817932.37 | 71.24105   | (19122817) |            |           |
| 392200.79  | 3817910.94 | 69.87463   | (18120617) | 392192.64 |
| 3817889.50 | 65.11029   | (18120617) |            |           |
| 392184.50  | 3817868.06 | 60.23129   | (20120617) | 392176.35 |
| 3817846.63 | 58.78826   | (20120617) |            |           |
| 392168.21  | 3817825.19 | 54.96222   | (19010818) | 392160.07 |
| 3817803.75 | 53.58525   | (19010818) |            |           |
| 392151.92  | 3817782.32 | 49.89597   | (19010818) | 392143.78 |
| 3817760.88 | 48.50903   | (18111704) |            |           |
| 392135.64  | 3817739.44 | 45.35806   | (18111704) | 392127.49 |
| 3817718.01 | 43.80878   | (19110606) |            |           |
| 392119.35  | 3817696.57 | 42.09693   | (19110606) | 392111.20 |
| 3817675.13 | 37.95950   | (19110606) |            |           |
| 392103.06  | 3817653.70 | 36.74729   | (20021207) | 392094.92 |
| 3817632.26 | 34.75168   | (16021907) |            |           |
| 392086.77  | 3817610.82 | 35.51738   | (16021907) | 392078.63 |
| 3817589.39 | 34.67241   | (16021907) |            |           |
| 392070.49  | 3817567.95 | 34.85668   | (19122805) | 392062.34 |
| 3817546.51 | 34.83404   | (19122805) |            |           |
| 392054.20  | 3817525.07 | 33.84604   | (20030904) | 392046.05 |
| 3817503.64 | 35.34632   | (20030904) |            |           |
| 392037.91  | 3817482.20 | 36.69249   | (20030904) | 392029.77 |
| 3817460.76 | 39.34885   | (16012724) |            |           |
| 392021.62  | 3817439.33 | 38.37954   | (16012724) | 392013.48 |
| 3817417.89 | 40.63911   | (17022105) |            |           |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 392005.34  | 3817396.45           | 53.59769  | (17013018) | 391997.19 |
| 3817375.02 | 73.08441 (18102822)  |           |            |           |
| 391989.05  | 3817353.58           | 82.79405  | (18102822) | 391980.90 |
| 3817332.14 | 86.72075 (18102822)  |           |            |           |
| 391972.76  | 3817310.71           | 90.48964  | (20011502) | 391964.62 |
| 3817289.27 | 96.67841 (20011502)  |           |            |           |
| 391956.47  | 3817267.83           | 111.76587 | (17111117) | 391948.33 |
| 3817246.40 | 118.17172 (17111117) |           |            |           |
| 391940.19  | 3817224.96           | 121.34797 | (19120417) | 391932.04 |
| 3817203.52 | 115.52204 (19120417) |           |            |           |
| 391923.90  | 3817182.09           | 116.01846 | (16012605) | 391915.75 |
| 3817160.65 | 129.19024 (16012605) |           |            |           |
| 391907.61  | 3817139.21           | 140.61746 | (16012605) | 391899.47 |
| 3817117.78 | 135.36825 (17121517) |           |            |           |
| 391891.32  | 3817096.34           | 135.07393 | (17121517) | 391883.18 |
| 3817074.90 | 139.73184 (16111417) |           |            |           |
| 391875.04  | 3817053.47           | 142.36202 | (16111417) | 391866.89 |
| 3817032.03 | 136.88205 (16111417) |           |            |           |
| 391858.75  | 3817010.59           | 124.25213 | (16111417) | 391850.60 |
| 3816989.16 | 133.11862 (17011704) |           |            |           |
| 391842.46  | 3816967.72           | 141.54648 | (17011704) | 391834.32 |
| 3816946.28 | 142.17469 (17011704) |           |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 781

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 391826.17   | 3816924.85           | 134.95972  | (17011704) | 391818.03   |
| 3816903.41  | 126.50677 (18030604) |            |            |             |
| 391809.89   | 3816881.97           | 117.89567  | (18030604) | 391801.74   |
| 3816860.54  | 125.91882 (17030222) |            |            |             |
| 391793.60   | 3816839.10           | 120.01310  | (17030222) | 391785.45   |
| 3816817.66  | 115.88122 (19011117) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391777.31  | 3816796.23 | 116.88592  | (19011117) | 391769.17 |
| 3816774.79 | 125.20769  | (19011117) |            |           |
| 391761.02  | 3816753.35 | 122.84227  | (19011117) | 391752.88 |
| 3816731.92 | 106.93709  | (19011117) |            |           |
| 391744.74  | 3816710.48 | 104.80071  | (16111707) | 391736.59 |
| 3816689.04 | 106.33564  | (16111707) |            |           |
| 391728.45  | 3816667.61 | 110.04433  | (18111703) | 391720.30 |
| 3816646.17 | 117.51889  | (18111703) |            |           |
| 391712.16  | 3816624.73 | 124.18206  | (16062705) | 391704.02 |
| 3816603.30 | 133.72571  | (16062705) |            |           |
| 391695.87  | 3816581.86 | 135.88970  | (16062705) | 391687.73 |
| 3816560.42 | 131.30403  | (16062705) |            |           |
| 391679.58  | 3816538.99 | 135.22784  | (19120217) | 391671.44 |
| 3816517.55 | 134.41951  | (19120217) |            |           |
| 391663.30  | 3816496.11 | 128.61192  | (17011306) | 391655.15 |
| 3816474.68 | 131.57100  | (17011306) |            |           |
| 391647.01  | 3816453.24 | 128.25906  | (17011306) | 391638.87 |
| 3816431.80 | 132.74403  | (19110706) |            |           |
| 391630.72  | 3816410.37 | 133.33738  | (19110706) | 391622.58 |
| 3816388.93 | 127.80343  | (19110706) |            |           |
| 391614.43  | 3816367.49 | 116.96395  | (19110706) | 391606.29 |
| 3816346.06 | 111.26645  | (18010804) |            |           |
| 391598.15  | 3816324.62 | 108.68250  | (18010804) | 391590.00 |
| 3816303.18 | 100.22274  | (18010804) |            |           |
| 391581.86  | 3816281.75 | 82.35756   | (18010804) | 394416.47 |
| 3819206.04 | 153.40494  | (17111118) |            |           |
| 394439.53  | 3819206.46 | 158.20542  | (16102921) | 394462.58 |
| 3819206.88 | 153.90388  | (16102921) |            |           |
| 394485.64  | 3819207.29 | 139.86152  | (16102921) | 394508.70 |
| 3819207.71 | 150.91207  | (19120218) |            |           |
| 394531.76  | 3819208.13 | 160.36589  | (19120218) | 394554.82 |
| 3819208.55 | 159.09300  | (19120218) |            |           |
| 394577.87  | 3819208.97 | 160.41541  | (17010802) | 393543.89 |
| 3819345.29 | 134.04337  | (20022707) |            |           |
| 393522.93  | 3819336.06 | 137.92325  | (20022707) | 393501.97 |
| 3819326.84 | 134.48181  | (20022707) |            |           |
| 393481.01  | 3819317.61 | 124.26291  | (20022707) | 393460.05 |
| 3819308.39 | 124.68159  | (20011802) |            |           |
| 393439.10  | 3819299.16 | 134.68087  | (20011802) | 393418.14 |
| 3819289.93 | 137.88952  | (20011802) |            |           |
| 393397.18  | 3819280.71 | 133.81809  | (20011802) | 393376.22 |
| 3819271.48 | 136.93527  | (19120105) |            |           |
| 393355.26  | 3819262.25 | 136.21237  | (19120105) | 393334.30 |
| 3819253.03 | 130.87394  | (19120504) |            |           |
| 393313.34  | 3819243.80 | 133.45420  | (19120504) | 393292.39 |
| 3819234.57 | 129.91463  | (17031323) |            |           |
| 393271.43  | 3819225.35 | 135.82578  | (17031323) | 393250.47 |
| 3819216.12 | 134.71373  | (17031323) |            |           |
| 393229.51  | 3819206.90 | 133.86978  | (16121406) | 393208.55 |
| 3819197.67 | 136.18953  | (16121406) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393187.59  | 3819188.44 | 131.50154  | (16121406) | 393166.63 |
| 3819179.22 | 120.54846  | (16121406) |            |           |
| 393145.68  | 3819169.99 | 117.25636  | (20020718) | 393124.72 |
| 3819160.76 | 118.64427  | (17091023) |            |           |
| 393103.76  | 3819151.54 | 120.68651  | (17091023) | 393082.80 |
| 3819142.31 | 116.63684  | (17091023) |            |           |
| 393061.84  | 3819133.09 | 109.27940  | (20111107) | 393040.88 |
| 3819123.86 | 123.32024  | (20111107) |            |           |
| 393019.92  | 3819114.63 | 132.27825  | (20111107) | 392998.97 |
| 3819105.41 | 134.91540  | (20111107) |            |           |
| 392978.01  | 3819096.18 | 130.89561  | (20111107) | 392957.05 |
| 3819086.95 | 120.84376  | (20111107) |            |           |
| 392936.09  | 3819077.73 | 115.95852  | (18011717) | 392915.13 |
| 3819068.50 | 124.95296  | (18011717) |            |           |
| 392894.17  | 3819059.27 | 128.19737  | (18011717) | 392873.21 |
| 3819050.05 | 125.28099  | (18011717) |            |           |
| 392852.26  | 3819040.82 | 116.66936  | (18011717) | 392831.30 |
| 3819031.60 | 103.57676  | (18011717) |            |           |
| 392810.34  | 3819022.37 | 100.34674  | (16031907) | 392789.38 |
| 3819013.14 | 103.92218  | (16031907) |            |           |
| 392768.42  | 3819003.92 | 102.66863  | (16031907) | 392747.46 |
| 3818994.69 | 96.80309   | (16031907) |            |           |
| 392726.50  | 3818985.46 | 103.57767  | (19062704) | 392705.55 |
| 3818976.24 | 113.80515  | (19062704) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 782

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392684.59   | 3818967.01  | 119.42537  | (19062704) | 392663.63   |
| 3818957.79  | 119.74375   | (19062704) |            |             |
| 392642.67   | 3818948.56  | 114.77496  | (19062704) | 392621.71   |
| 3818939.33  | 105.21679   | (19062704) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392600.75  | 3818930.11 | 102.98812  | (20010717) | 392579.80 |
| 3818920.88 | 109.92343  | (20010717) |            |           |
| 392558.84  | 3818911.65 | 112.29451  | (20010717) | 392537.88 |
| 3818902.43 | 109.85233  | (20010717) |            |           |
| 392516.92  | 3818893.20 | 104.42345  | (18122218) | 392495.96 |
| 3818883.97 | 105.56149  | (18122218) |            |           |
| 392475.00  | 3818874.75 | 102.30353  | (18122218) | 392454.04 |
| 3818865.52 | 99.33135   | (17010720) |            |           |
| 392433.09  | 3818856.30 | 111.84743  | (17010720) | 392412.13 |
| 3818847.07 | 120.82919  | (17010720) |            |           |
| 392391.17  | 3818837.84 | 125.29192  | (17010720) | 392370.21 |
| 3818828.62 | 124.77236  | (17010720) |            |           |
| 392349.25  | 3818819.39 | 119.39691  | (17010720) | 392202.54 |
| 3818754.81 | 106.40761  | (18070504) |            |           |
| 392181.58  | 3818745.58 | 105.11564  | (18070504) | 392160.62 |
| 3818736.35 | 105.21857  | (19111222) |            |           |
| 392139.67  | 3818727.13 | 107.83951  | (19111222) | 392118.71 |
| 3818717.90 | 106.64109  | (19111222) |            |           |
| 392097.75  | 3818708.67 | 101.80116  | (19111222) | 392076.79 |
| 3818699.45 | 93.86579   | (19111222) |            |           |
| 392055.83  | 3818690.22 | 95.49387   | (19112123) | 392034.87 |
| 3818681.00 | 101.77516  | (19112123) |            |           |
| 392013.91  | 3818671.77 | 104.83585  | (19112123) | 391984.82 |
| 3818641.14 | 113.66472  | (16022104) |            |           |
| 391976.69  | 3818619.73 | 118.20116  | (16022104) | 391968.56 |
| 3818598.32 | 118.14451  | (16022104) |            |           |
| 391960.43  | 3818576.92 | 113.46114  | (16022104) | 391952.29 |
| 3818555.51 | 116.06306  | (17010803) |            |           |
| 391944.16  | 3818534.10 | 115.41307  | (17010803) | 391936.03 |
| 3818512.70 | 115.54948  | (16102117) |            |           |
| 391927.90  | 3818491.29 | 118.96294  | (16102117) | 391919.76 |
| 3818469.88 | 117.53487  | (16102117) |            |           |
| 391911.63  | 3818448.48 | 117.93193  | (19112102) | 391903.50 |
| 3818427.07 | 120.57400  | (19112102) |            |           |
| 391895.37  | 3818405.66 | 118.21560  | (19112102) | 391887.23 |
| 3818384.25 | 119.53416  | (20021308) |            |           |
| 391879.10  | 3818362.85 | 121.21168  | (20021308) | 391870.97 |
| 3818341.44 | 117.78807  | (20021308) |            |           |
| 391862.84  | 3818320.03 | 121.10958  | (18022807) | 391854.71 |
| 3818298.63 | 121.66422  | (18022807) |            |           |
| 391846.57  | 3818277.22 | 117.04460  | (18022807) | 391838.44 |
| 3818255.81 | 107.80114  | (18022807) |            |           |
| 391830.31  | 3818234.41 | 110.97477  | (19122817) | 391822.18 |
| 3818213.00 | 119.10846  | (19122817) |            |           |
| 391814.04  | 3818191.59 | 122.33823  | (19122817) | 391805.91 |
| 3818170.19 | 120.22099  | (19122817) |            |           |
| 391797.78  | 3818148.78 | 116.76293  | (18120617) | 391789.65 |
| 3818127.37 | 118.50685  | (18120617) |            |           |
| 391781.51  | 3818105.97 | 115.01284  | (18120617) | 391773.38 |
| 3818084.56 | 118.72724  | (20120617) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391537.54  | 3817463.76 | 23.83240   | (20011502) | 391529.41 |
| 3817442.36 | 20.92109   | (20011502) |            |           |
| 391521.28  | 3817420.95 | 18.34080   | (20011502) | 391513.14 |
| 3817399.54 | 16.69095   | (19010524) |            |           |
| 391505.01  | 3817378.14 | 16.35566   | (19010524) | 391496.88 |
| 3817356.73 | 16.31571   | (19010524) |            |           |
| 391488.75  | 3817335.32 | 18.32560   | (19120417) | 391480.62 |
| 3817313.92 | 19.63511   | (19120417) |            |           |
| 391472.48  | 3817292.51 | 18.55012   | (16012605) | 391464.35 |
| 3817271.10 | 15.54749   | (17020105) |            |           |
| 391456.22  | 3817249.70 | 11.99671   | (17011305) | 391448.09 |
| 3817228.29 | 11.21086   | (19120608) |            |           |
| 391439.95  | 3817206.88 | 10.61116   | (19120608) | 391431.82 |
| 3817185.48 | 9.84609    | (19120608) |            |           |
| 391423.69  | 3817164.07 | 9.20489    | (17042306) | 391415.56 |
| 3817142.66 | 9.01241    | (17042306) |            |           |
| 391407.42  | 3817121.26 | 8.74264    | (17042306) | 391399.29 |
| 3817099.85 | 8.45518    | (17042306) |            |           |
| 391391.16  | 3817078.44 | 8.75150    | (19112604) | 391383.03 |
| 3817057.04 | 9.53046    | (19112604) |            |           |
| 391374.89  | 3817035.63 | 10.09536   | (19112604) | 391366.76 |
| 3817014.22 | 10.36513   | (19112604) |            |           |
| 391358.63  | 3816992.82 | 10.37138   | (19112604) | 391350.50 |
| 3816971.41 | 10.74930   | (18030604) |            |           |
| 391342.36  | 3816950.00 | 11.05464   | (18010904) | 391334.23 |
| 3816928.59 | 11.86442   | (16020421) |            |           |
| 391326.10  | 3816907.19 | 11.35026   | (16020421) | 391317.97 |
| 3816885.78 | 10.82937   | (19112321) |            |           |
| 391309.84  | 3816864.37 | 10.57659   | (19112321) | 391301.70 |
| 3816842.97 | 10.09678   | (19112321) |            |           |
| 391293.57  | 3816821.56 | 9.55168    | (19112321) | 391285.44 |
| 3816800.15 | 8.92683    | (19112321) |            |           |
| 391277.31  | 3816778.75 | 8.68390    | (20011720) | 391269.17 |
| 3816757.34 | 8.58032    | (20091923) |            |           |
| 391261.04  | 3816735.93 | 8.50477    | (20091923) | 391252.91 |
| 3816714.53 | 8.18588    | (20091923) |            |           |
| 391244.78  | 3816693.12 | 7.99859    | (17031023) | 391236.64 |
| 3816671.71 | 7.68921    | (17031023) |            |           |
| 391228.51  | 3816650.31 | 7.24715    | (17031023) | 391220.38 |
| 3816628.90 | 6.93051    | (20011301) |            |           |
| 391212.25  | 3816607.49 | 6.66951    | (20011301) | 391204.11 |
| 3816586.09 | 6.21548    | (20011301) |            |           |
| 391195.98  | 3816564.68 | 6.05732    | (19122218) | 391187.85 |
| 3816543.27 | 5.89757    | (19122218) |            |           |
| 391179.72  | 3816521.87 | 5.69013    | (19122218) | 391171.58 |
| 3816500.46 | 5.66572    | (19122218) |            |           |
| 391163.45  | 3816479.05 | 5.70811    | (17112918) | 391155.32 |
| 3816457.65 | 5.95388    | (16011102) |            |           |
| 391147.19  | 3816436.24 | 6.10424    | (16011102) | 391139.05 |
| 3816414.83 | 5.86485    | (16011102) |            |           |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 391130.92  | 3816393.43           | 5.51902   | (19021301) | 391122.79 |
| 3816372.02 | 5.51454 (18091707)   |           |            |           |
| 391114.66  | 3816350.61           | 5.64746   | (18091707) | 391106.53 |
| 3816329.21 | 5.80068 (18091707)   |           |            |           |
| 391098.39  | 3816307.80           | 5.99551   | (18091707) | 391090.26 |
| 3816286.39 | 6.89060 (19120108)   |           |            |           |
| 391082.13  | 3816264.99           | 8.32983   | (19120108) | 394407.39 |
| 3819705.96 | 118.62345 (16102921) |           |            |           |
| 394430.44  | 3819706.37           | 118.30846 | (19120218) | 394453.50 |
| 3819706.79 | 128.54324 (19120218) |           |            |           |
| 394476.56  | 3819707.21           | 132.71169 | (19120218) | 394499.62 |
| 3819707.63 | 130.16957 (19120218) |           |            |           |
| 394522.68  | 3819708.05           | 131.92132 | (17010802) | 394545.73 |
| 3819708.47 | 132.86210 (17010802) |           |            |           |
| 394568.79  | 3819708.89           | 128.35104 | (16050324) | 393381.63 |
| 3819777.78 | 101.99569 (20022707) |           |            |           |
| 393360.53  | 3819768.49           | 111.48782 | (20022707) | 393339.43 |
| 3819759.20 | 116.74022 (20022707) |           |            |           |
| 393318.33  | 3819749.91           | 117.10477 | (20022707) | 393297.23 |
| 3819740.62 | 112.53903 (20022707) |           |            |           |
| 393276.13  | 3819731.33           | 103.61429 | (20022707) | 393255.03 |
| 3819722.05 | 106.49000 (20011802) |           |            |           |
| 393233.93  | 3819712.76           | 114.26157 | (20011802) | 393212.83 |
| 3819703.47 | 117.46696 (20011802) |           |            |           |
| 393191.73  | 3819694.18           | 115.71525 | (20011802) | 393170.63 |
| 3819684.89 | 115.01981 (19120105) |           |            |           |
| 393149.54  | 3819675.61           | 117.20557 | (19120105) | 393128.44 |
| 3819666.32 | 114.46734 (19120105) |           |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 784

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393107.34  | 3819657.03 | 112.44508  | (19120504) | 393086.24 |
| 3819647.74 | 113.61792  | (19120504) |            |           |
| 393065.14  | 3819638.45 | 110.42269  | (17031323) | 393044.04 |
| 3819629.16 | 115.44119  | (17031323) |            |           |
| 393022.94  | 3819619.88 | 115.71585  | (17031323) | 393001.84 |
| 3819610.59 | 111.67475  | (16121406) |            |           |
| 392980.74  | 3819601.30 | 115.84549  | (16121406) | 392959.64 |
| 3819592.01 | 115.26091  | (16121406) |            |           |
| 392938.54  | 3819582.72 | 110.01194  | (16121406) | 392917.44 |
| 3819573.43 | 100.90566  | (20020718) |            |           |
| 392896.35  | 3819564.15 | 99.71790   | (20020718) | 392875.25 |
| 3819554.86 | 100.51765  | (17091023) |            |           |
| 392854.15  | 3819545.57 | 102.85615  | (17091023) | 392833.05 |
| 3819536.28 | 101.03277  | (17091023) |            |           |
| 392811.95  | 3819526.99 | 95.28679   | (17091023) | 392790.85 |
| 3819517.71 | 98.12779   | (20111107) |            |           |
| 392769.75  | 3819508.42 | 107.67718  | (20111107) | 392748.65 |
| 3819499.13 | 113.48026  | (20111107) |            |           |
| 392727.55  | 3819489.84 | 114.89324  | (20111107) | 392706.45 |
| 3819480.55 | 111.77835  | (20111107) |            |           |
| 392685.35  | 3819471.26 | 104.52519  | (20111107) | 392664.25 |
| 3819461.98 | 95.37511   | (18011717) |            |           |
| 392643.16  | 3819452.69 | 103.68641  | (18011717) | 392622.06 |
| 3819443.40 | 108.38591  | (18011717) |            |           |
| 392600.96  | 3819434.11 | 108.96825  | (18011717) | 392579.86 |
| 3819424.82 | 105.39733  | (18011717) |            |           |
| 392558.76  | 3819415.53 | 98.10412   | (18011717) | 392537.66 |
| 3819406.25 | 87.90457   | (18011717) |            |           |
| 392516.56  | 3819396.96 | 84.44448   | (16031907) | 392495.46 |
| 3819387.67 | 87.88966   | (16031907) |            |           |
| 392474.36  | 3819378.38 | 88.09221   | (16031907) | 392453.26 |
| 3819369.09 | 85.05688   | (16031907) |            |           |
| 392432.16  | 3819359.81 | 80.82600   | (19062704) | 392411.06 |
| 3819350.52 | 90.54393   | (19062704) |            |           |
| 392389.96  | 3819341.23 | 97.74625   | (19062704) | 392368.87 |
| 3819331.94 | 101.72392  | (19062704) |            |           |
| 392347.77  | 3819322.65 | 102.09155  | (19062704) | 392326.67 |
| 3819313.36 | 98.84200   | (19062704) |            |           |
| 392305.57  | 3819304.08 | 92.34984   | (19062704) | 392284.47 |
| 3819294.79 | 83.54307   | (20010717) |            |           |
| 392263.37  | 3819285.50 | 90.44181   | (20010717) | 392242.27 |
| 3819276.21 | 94.52350   | (20010717) |            |           |
| 392221.17  | 3819266.92 | 95.40724   | (20010717) | 392200.07 |
| 3819257.63 | 93.03605   | (20010717) |            |           |
| 392178.97  | 3819248.35 | 88.57013   | (18122218) | 392157.87 |
| 3819239.06 | 89.80403   | (18122218) |            |           |
| 392136.77  | 3819229.77 | 88.03637   | (18122218) | 392115.68 |
| 3819220.48 | 83.47486   | (18122218) |            |           |
| 392094.58  | 3819211.19 | 89.51138   | (17010720) | 392073.48 |
| 3819201.91 | 98.11106   | (17010720) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392052.38  | 3819192.62 | 104.05547  | (17010720) | 392031.28 |
| 3819183.33 | 106.82429  | (17010720) |            |           |
| 392010.18  | 3819174.04 | 106.19376  | (17010720) | 391989.08 |
| 3819164.75 | 102.26232  | (17010720) |            |           |
| 391967.98  | 3819155.46 | 95.42927   | (17010720) | 391946.88 |
| 3819146.18 | 87.20243   | (18091303) |            |           |
| 391925.78  | 3819136.89 | 84.76169   | (18091303) | 391841.39 |
| 3819099.73 | 88.33805   | (18070504) |            |           |
| 391820.29  | 3819090.45 | 90.38657   | (18070504) | 391799.19 |
| 3819081.16 | 89.79610   | (18070504) |            |           |
| 391778.09  | 3819071.87 | 87.98852   | (19111222) | 391756.99 |
| 3819062.58 | 91.08280   | (19111222) |            |           |
| 391735.89  | 3819053.29 | 91.61477   | (19111222) | 391714.79 |
| 3819044.01 | 89.57427   | (19111222) |            |           |
| 391693.69  | 3819034.72 | 85.16248   | (19111222) | 391672.59 |
| 3819025.43 | 78.76286   | (19111222) |            |           |
| 391651.49  | 3819016.14 | 80.67965   | (19112123) | 391622.21 |
| 3818985.30 | 89.24018   | (19112123) |            |           |
| 391614.02  | 3818963.75 | 90.03271   | (19112123) | 391605.83 |
| 3818942.20 | 95.63965   | (16022104) |            |           |
| 391597.65  | 3818920.65 | 100.49388  | (16022104) | 391589.46 |
| 3818899.10 | 102.26709  | (16022104) |            |           |
| 391581.27  | 3818877.55 | 100.76350  | (16022104) | 391573.09 |
| 3818856.00 | 97.55244   | (17010803) |            |           |
| 391564.90  | 3818834.45 | 100.06014  | (17010803) | 391556.71 |
| 3818812.90 | 99.31583   | (17010803) |            |           |
| 391548.52  | 3818791.35 | 98.99380   | (16102117) | 391540.34 |
| 3818769.80 | 101.30639  | (16102117) |            |           |
| 391532.15  | 3818748.25 | 98.88569   | (16102117) | 391523.96 |
| 3818726.70 | 95.61383   | (19112102) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 785

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391515.78  | 3818705.15          | 97.06823 | (19112102) | 391507.59 |
| 3818683.60 | 95.15163 (19112102) |          |            |           |
| 391499.40  | 3818662.05          | 90.46332 | (19112102) | 391491.22 |
| 3818640.50 | 91.41726 (20021308) |          |            |           |
| 391483.03  | 3818618.94          | 90.70979 | (20021308) | 391474.84 |
| 3818597.39 | 88.77124 (20021308) |          |            |           |
| 391466.65  | 3818575.84          | 91.01209 | (18022807) | 391458.47 |
| 3818554.29 | 92.31668 (18022807) |          |            |           |
| 391450.28  | 3818532.74          | 91.67692 | (18022807) | 391442.09 |
| 3818511.19 | 87.00290 (18022807) |          |            |           |
| 391433.91  | 3818489.64          | 83.63291 | (19022323) | 391425.72 |
| 3818468.09 | 82.37727 (19122817) |          |            |           |
| 391417.53  | 3818446.54          | 84.77095 | (19122817) | 391409.35 |
| 3818424.99 | 83.77156 (19122817) |          |            |           |
| 391401.16  | 3818403.44          | 79.95541 | (19122817) | 391392.97 |
| 3818381.89 | 76.01345 (18120617) |          |            |           |
| 391384.79  | 3818360.34          | 75.53816 | (18120617) | 391376.60 |
| 3818338.79 | 71.73712 (18120617) |          |            |           |
| 391368.41  | 3818317.24          | 66.25398 | (20120617) | 391360.22 |
| 3818295.69 | 64.41327 (20120617) |          |            |           |
| 391352.04  | 3818274.14          | 59.80989 | (20120617) | 391343.85 |
| 3818252.59 | 56.25581 (19010818) |          |            |           |
| 391335.66  | 3818231.04          | 55.51975 | (19010818) | 391327.48 |
| 3818209.49 | 52.85931 (19010818) |          |            |           |
| 391319.29  | 3818187.94          | 49.40853 | (17061502) | 391311.10 |
| 3818166.39 | 49.22823 (17061502) |          |            |           |
| 391302.92  | 3818144.84          | 47.29018 | (17061502) | 391294.73 |
| 3818123.29 | 46.04352 (19110606) |          |            |           |
| 391286.54  | 3818101.73          | 45.72030 | (19110606) | 391278.35 |
| 3818080.18 | 43.80169 (19110606) |          |            |           |
| 391270.17  | 3818058.63          | 40.34180 | (19110606) | 391261.98 |
| 3818037.08 | 35.74925 (19110606) |          |            |           |
| 391253.79  | 3818015.53          | 33.89815 | (20100724) | 391245.61 |
| 3817993.98 | 32.47590 (16021907) |          |            |           |
| 391237.42  | 3817972.43          | 30.57840 | (16021907) | 391229.23 |
| 3817950.88 | 28.63187 (16021907) |          |            |           |
| 391221.05  | 3817929.33          | 28.41796 | (18121622) | 391212.86 |
| 3817907.78 | 29.95945 (18121622) |          |            |           |
| 391204.67  | 3817886.23          | 29.05319 | (18121622) | 391196.49 |
| 3817864.68 | 28.71320 (16122217) |          |            |           |
| 391188.30  | 3817843.13          | 31.40280 | (16122217) | 391180.11 |
| 3817821.58 | 34.45044 (16122217) |          |            |           |
| 391171.92  | 3817800.03          | 37.94107 | (16012724) | 391163.74 |
| 3817778.48 | 45.07097 (16012724) |          |            |           |
| 391155.55  | 3817756.93          | 52.54751 | (16012724) | 391147.36 |
| 3817735.38 | 57.74208 (17013018) |          |            |           |
| 391139.18  | 3817713.83          | 58.92229 | (17013018) | 391130.99 |
| 3817692.28 | 51.13888 (17013018) |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391122.80  | 3817670.73 | 39.58515   | (18102822) | 391114.62 |
| 3817649.18 | 33.62304   | (18102822) |            |           |
| 391106.43  | 3817627.63 | 28.90018   | (18102822) | 391098.24 |
| 3817606.08 | 26.10074   | (20011502) |            |           |
| 391090.05  | 3817584.52 | 23.68201   | (20011502) | 391081.87 |
| 3817562.97 | 20.59313   | (20011502) |            |           |
| 391073.68  | 3817541.42 | 17.42977   | (20011502) | 391065.49 |
| 3817519.87 | 15.79465   | (19010524) |            |           |
| 391057.31  | 3817498.32 | 14.83170   | (19010524) | 391049.12 |
| 3817476.77 | 13.69383   | (19120417) |            |           |
| 391040.93  | 3817455.22 | 12.98145   | (19120417) | 391032.75 |
| 3817433.67 | 13.06148   | (19120417) |            |           |
| 391024.56  | 3817412.12 | 13.51647   | (16012605) | 391016.37 |
| 3817390.57 | 13.90775   | (16012605) |            |           |
| 391008.18  | 3817369.02 | 13.33731   | (16012605) | 391000.00 |
| 3817347.47 | 12.05380   | (20031801) |            |           |
| 390991.81  | 3817325.92 | 11.52908   | (20031801) | 390983.62 |
| 3817304.37 | 10.74091   | (19120608) |            |           |
| 390975.44  | 3817282.82 | 10.26375   | (19120608) | 390967.25 |
| 3817261.27 | 9.80654    | (17042306) |            |           |
| 390959.06  | 3817239.72 | 9.39450    | (17042306) | 390950.88 |
| 3817218.17 | 9.10407    | (17042306) |            |           |
| 390942.69  | 3817196.62 | 8.68376    | (17042306) | 390934.50 |
| 3817175.07 | 8.08982    | (19112604) |            |           |
| 390926.32  | 3817153.52 | 7.98439    | (19112604) | 390918.13 |
| 3817131.97 | 7.66823    | (19112604) |            |           |
| 390909.94  | 3817110.42 | 7.24713    | (19112604) | 390901.75 |
| 3817088.87 | 6.78198    | (19112604) |            |           |
| 390893.57  | 3817067.31 | 6.19928    | (19112604) | 390885.38 |
| 3817045.76 | 5.82072    | (19100422) |            |           |
| 390877.19  | 3817024.21 | 5.83142    | (18010904) | 390869.01 |
| 3817002.66 | 5.78609    | (18010904) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 786

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC  | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|----------------------|--------------------|------------|-------------|
| 390860.82                  | 3816981.11           | 5.59910            | (18010904) | 390852.63   |
| 3816959.56                 | 5.30102 (18010904)   |                    |            |             |
| 390844.45                  | 3816938.01           | 5.13480            | (19112321) | 390836.26   |
| 3816916.46                 | 4.99563 (19112321)   |                    |            |             |
| 390828.07                  | 3816894.91           | 4.87165            | (19112321) | 390819.88   |
| 3816873.36                 | 4.68573 (19112321)   |                    |            |             |
| 390811.70                  | 3816851.81           | 4.47647            | (19112321) | 390803.51   |
| 3816830.26                 | 4.42679 (20011720)   |                    |            |             |
| 390795.32                  | 3816808.71           | 4.35250            | (20091923) | 390787.14   |
| 3816787.16                 | 4.48580 (20091923)   |                    |            |             |
| 390778.95                  | 3816765.61           | 4.42572            | (20091923) | 390770.76   |
| 3816744.06                 | 4.12100 (17031023)   |                    |            |             |
| 390762.58                  | 3816722.51           | 4.00209            | (17031023) | 390754.39   |
| 3816700.96                 | 3.88427 (17031023)   |                    |            |             |
| 390746.20                  | 3816679.41           | 3.78538            | (17031023) | 390738.02   |
| 3816657.86                 | 3.74737 (20011301)   |                    |            |             |
| 390729.83                  | 3816636.31           | 3.78749            | (20011301) | 390721.64   |
| 3816614.76                 | 3.79047 (20011301)   |                    |            |             |
| 390713.45                  | 3816593.21           | 3.83469            | (19122218) | 390705.27   |
| 3816571.66                 | 3.81961 (19122218)   |                    |            |             |
| 390697.08                  | 3816550.10           | 3.75855            | (19122218) | 390688.89   |
| 3816528.55                 | 3.63864 (19122218)   |                    |            |             |
| 390680.71                  | 3816507.00           | 3.63662            | (18091707) | 390672.52   |
| 3816485.45                 | 3.92581 (18091707)   |                    |            |             |
| 390664.33                  | 3816463.90           | 4.20561            | (18091707) | 390656.15   |
| 3816442.35                 | 4.47093 (18091707)   |                    |            |             |
| 390647.96                  | 3816420.80           | 4.71711            | (18091707) | 390639.77   |
| 3816399.25                 | 4.93969 (18091707)   |                    |            |             |
| 390631.58                  | 3816377.70           | 5.13511            | (18091707) | 390623.40   |
| 3816356.15                 | 5.29967 (18091707)   |                    |            |             |
| 390615.21                  | 3816334.60           | 5.43130            | (18091707) | 390607.02   |
| 3816313.05                 | 5.52666 (18091707)   |                    |            |             |
| 390598.84                  | 3816291.50           | 5.58303            | (18091707) | 390590.65   |
| 3816269.95                 | 5.60045 (18091707)   |                    |            |             |
| 390582.46                  | 3816248.40           | 5.57926            | (18091707) | 394398.30   |
| 3820205.87                 | 110.50970 (19120218) |                    |            |             |
| 394421.36                  | 3820206.29           | 112.11496          | (19120218) | 394444.42   |
| 3820206.71                 | 109.30109 (19120218) |                    |            |             |
| 394467.48                  | 3820207.13           | 111.30606          | (17010802) | 394490.54   |
| 3820207.55                 | 112.46370 (17010802) |                    |            |             |
| 394513.59                  | 3820207.97           | 109.16913          | (17010802) | 394536.65   |
| 3820208.39                 | 111.28990 (16050324) |                    |            |             |
| 394559.71                  | 3820208.80           | 111.94589          | (16050324) | 393232.86   |
| 3821056.06                 | 62.63335 (17011408)  |                    |            |             |
| 393211.80                  | 3821046.79           | 64.98799           | (20122117) | 393190.74   |
| 3821037.52                 | 71.57887 (20122117)  |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393169.68  | 3821028.25 | 76.86713   | (20122117) | 393148.62 |
| 3821018.98 | 80.47988   | (20122117) |            |           |
| 393127.56  | 3821009.71 | 82.15074   | (20122117) | 393106.50 |
| 3821000.44 | 81.75226   | (20122117) |            |           |
| 393085.44  | 3820991.16 | 79.31164   | (20122117) | 393064.38 |
| 3820981.89 | 75.00870   | (20122117) |            |           |
| 393043.32  | 3820972.62 | 72.84231   | (20091423) | 393022.26 |
| 3820963.35 | 71.98371   | (20091423) |            |           |
| 393001.20  | 3820954.08 | 73.83222   | (18100905) | 392980.14 |
| 3820944.81 | 76.23905   | (18100905) |            |           |
| 392959.08  | 3820935.54 | 76.74091   | (18100905) | 392938.02 |
| 3820926.27 | 75.29927   | (18100905) |            |           |
| 392916.96  | 3820917.00 | 72.02199   | (18100905) | 392895.90 |
| 3820907.73 | 67.15006   | (18100905) |            |           |
| 392874.84  | 3820898.46 | 72.56545   | (20022707) | 392853.78 |
| 3820889.18 | 77.74184   | (20022707) |            |           |
| 392832.72  | 3820879.91 | 81.18588   | (20022707) | 392811.66 |
| 3820870.64 | 82.64570   | (20022707) |            |           |
| 392790.60  | 3820861.37 | 82.01251   | (20022707) | 392769.54 |
| 3820852.10 | 79.33523   | (20022707) |            |           |
| 392622.13  | 3820787.20 | 80.74531   | (20011802) | 392601.07 |
| 3820777.93 | 80.44983   | (19120105) |            |           |
| 392580.01  | 3820768.66 | 82.27656   | (19120105) | 392558.95 |
| 3820759.39 | 82.04364   | (19120105) |            |           |
| 392537.89  | 3820750.12 | 79.77226   | (19120105) | 392516.83 |
| 3820740.85 | 78.69952   | (19120504) |            |           |
| 392495.77  | 3820731.58 | 79.96390   | (19120504) | 392474.71 |
| 3820722.31 | 79.23155   | (19120504) |            |           |
| 392453.65  | 3820713.04 | 78.21963   | (17031323) | 392432.59 |
| 3820703.77 | 80.99054   | (17031323) |            |           |
| 392411.53  | 3820694.50 | 81.78700   | (17031323) | 392390.47 |
| 3820685.22 | 80.55518   | (17031323) |            |           |
| 392369.41  | 3820675.95 | 78.98561   | (16121406) | 392348.35 |
| 3820666.68 | 81.30011   | (16121406) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 787

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392327.29   | 3820657.41          | 81.63072   | (16121406) | 392306.23   |
| 3820648.14  | 79.95938 (16121406) |            |            |             |
| 392285.17   | 3820638.87          | 76.41386   | (16121406) | 392264.11   |
| 3820629.60  | 71.25172 (16121406) |            |            |             |
| 392243.05   | 3820620.33          | 70.60858   | (20020718) | 392221.99   |
| 3820611.06  | 68.81932 (20020718) |            |            |             |
| 392200.93   | 3820601.79          | 70.86422   | (17091023) | 392179.87   |
| 3820592.52  | 72.18865 (17091023) |            |            |             |
| 392158.81   | 3820583.24          | 71.77025   | (17091023) | 392137.75   |
| 3820573.97  | 69.64576 (17091023) |            |            |             |
| 392116.69   | 3820564.70          | 65.97255   | (17091023) | 392095.63   |
| 3820555.43  | 67.10294 (20111107) |            |            |             |
| 392074.57   | 3820546.16          | 72.86755   | (20111107) | 392053.51   |
| 3820536.89  | 77.24562 (20111107) |            |            |             |
| 392032.45   | 3820527.62          | 79.94856   | (20111107) | 392011.39   |
| 3820518.35  | 80.79687 (20111107) |            |            |             |
| 391990.33   | 3820509.08          | 79.73979   | (20111107) | 391969.27   |
| 3820499.81  | 76.86024 (20111107) |            |            |             |
| 391948.21   | 3820490.54          | 72.36417   | (20111107) | 391927.15   |
| 3820481.26  | 66.55486 (20111107) |            |            |             |
| 391906.09   | 3820471.99          | 70.42592   | (18011717) | 391885.03   |
| 3820462.72  | 74.17480 (18011717) |            |            |             |
| 391863.97   | 3820453.45          | 76.32502   | (18011717) | 391842.91   |
| 3820444.18  | 76.73982 (18011717) |            |            |             |
| 391821.85   | 3820434.91          | 75.40049   | (18011717) | 391800.79   |
| 3820425.64  | 72.40739 (18011717) |            |            |             |
| 391779.73   | 3820416.37          | 67.96769   | (18011717) | 391758.67   |
| 3820407.10  | 62.37181 (18011717) |            |            |             |
| 391737.61   | 3820397.83          | 57.12614   | (16031907) | 391716.55   |
| 3820388.56  | 59.95655 (16031907) |            |            |             |
| 391695.49   | 3820379.28          | 61.52518   | (16031907) | 391674.43   |
| 3820370.01  | 61.73584 (16031907) |            |            |             |
| 391653.37   | 3820360.74          | 60.58394   | (16031907) | 391632.31   |
| 3820351.47  | 58.15335 (16031907) |            |            |             |
| 391611.25   | 3820342.20          | 56.39298   | (19062704) | 391590.19   |
| 3820332.93  | 61.83044 (19062704) |            |            |             |
| 391569.13   | 3820323.66          | 66.31449   | (19062704) | 391548.07   |
| 3820314.39  | 69.58431 (19062704) |            |            |             |
| 391527.02   | 3820305.12          | 71.44576   | (19062704) | 391505.96   |
| 3820295.85  | 71.79230 (19062704) |            |            |             |
| 391484.90   | 3820286.58          | 70.61170   | (19062704) | 391463.84   |
| 3820277.31  | 67.98905 (19062704) |            |            |             |
| 391442.78   | 3820268.03          | 64.09467   | (19062704) | 391421.72   |
| 3820258.76  | 59.17034 (19062704) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391400.66  | 3820249.49 | 61.04427   | (20010717) | 391379.60 |
| 3820240.22 | 64.25699   | (20010717) |            |           |
| 391358.54  | 3820230.95 | 66.24191   | (20010717) | 391337.48 |
| 3820221.68 | 66.88871   | (20010717) |            |           |
| 391316.42  | 3820212.41 | 66.16836   | (20010717) | 391295.36 |
| 3820203.14 | 64.13498   | (20010717) |            |           |
| 391274.30  | 3820193.87 | 61.96930   | (18122218) | 391253.24 |
| 3820184.60 | 62.81010   | (18122218) |            |           |
| 391232.18  | 3820175.33 | 62.39568   | (18122218) | 391211.12 |
| 3820166.05 | 60.76012   | (18122218) |            |           |
| 391190.06  | 3820156.78 | 58.00927   | (18122218) | 391169.00 |
| 3820147.51 | 60.46639   | (17010720) |            |           |
| 391147.94  | 3820138.24 | 65.64812   | (17010720) | 391126.88 |
| 3820128.97 | 69.88331   | (17010720) |            |           |
| 391105.82  | 3820119.70 | 72.95291   | (17010720) | 391084.76 |
| 3820110.43 | 74.69717   | (17010720) |            |           |
| 391063.70  | 3820101.16 | 75.02945   | (17010720) | 391042.64 |
| 3820091.89 | 73.94326   | (17010720) |            |           |
| 391021.58  | 3820082.62 | 71.51168   | (17010720) | 391000.52 |
| 3820073.35 | 67.87950   | (17010720) |            |           |
| 390979.46  | 3820064.07 | 63.24755   | (17010720) | 390895.22 |
| 3820026.99 | 57.50537   | (18111302) |            |           |
| 390874.16  | 3820017.72 | 57.54709   | (18111302) | 390853.10 |
| 3820008.45 | 58.33631   | (18070504) |            |           |
| 390832.04  | 3819999.18 | 61.02773   | (18070504) | 390810.98 |
| 3819989.91 | 62.71518   | (18070504) |            |           |
| 390789.92  | 3819980.64 | 63.32133   | (18070504) | 390768.86 |
| 3819971.37 | 62.82511   | (18070504) |            |           |
| 390747.80  | 3819962.09 | 61.26201   | (18070504) | 390726.74 |
| 3819952.82 | 62.77252   | (19111222) |            |           |
| 390705.68  | 3819943.55 | 63.99301   | (19111222) | 390684.62 |
| 3819934.28 | 64.13513   | (19111222) |            |           |
| 390655.39  | 3819903.50 | 61.36121   | (19111222) | 390647.22 |
| 3819881.99 | 58.45743   | (19111222) |            |           |
| 390639.05  | 3819860.48 | 54.63986   | (19111222) | 390630.88 |
| 3819838.97 | 56.71021   | (19112123) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 788

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL                      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |           | Y-COORD (M)<br>CONC | CONC     | (YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------|---------------------|----------|------------|-------------|
| -----                      |           |                     |          |            |             |
|                            | 390622.70 | 3819817.46          | 60.23969 | (19112123) | 390614.53   |
| 3819795.95                 |           | 62.77640 (19112123) |          |            |             |
|                            | 390606.36 | 3819774.44          | 64.17328 | (19112123) | 390598.19   |
| 3819752.93                 |           | 64.34277 (19112123) |          |            |             |
|                            | 390590.02 | 3819731.42          | 67.39462 | (16022104) | 390581.85   |
| 3819709.91                 |           | 70.68452 (16022104) |          |            |             |
|                            | 390573.67 | 3819688.40          | 72.69631 | (16022104) | 390565.50   |
| 3819666.89                 |           | 73.30443 (16022104) |          |            |             |
|                            | 390557.33 | 3819645.38          | 72.46475 | (16022104) | 390549.16   |
| 3819623.87                 |           | 70.21775 (16022104) |          |            |             |
|                            | 390540.99 | 3819602.36          | 70.80449 | (17010803) | 390532.82   |
| 3819580.85                 |           | 71.75772 (17010803) |          |            |             |
|                            | 390524.64 | 3819559.34          | 71.26954 | (17010803) | 390516.47   |
| 3819537.83                 |           | 69.62250 (16102117) |          |            |             |
|                            | 390508.30 | 3819516.32          | 72.32973 | (16102117) | 390500.13   |
| 3819494.81                 |           | 73.62434 (16102117) |          |            |             |
|                            | 390491.96 | 3819473.30          | 73.41978 | (16102117) | 390483.79   |
| 3819451.79                 |           | 71.72017 (16102117) |          |            |             |
|                            | 390475.61 | 3819430.28          | 72.70786 | (19112102) | 390467.44   |
| 3819408.77                 |           | 74.28614 (19112102) |          |            |             |
|                            | 390459.27 | 3819387.26          | 74.33334 | (19112102) | 390451.10   |
| 3819365.75                 |           | 72.83848 (19112102) |          |            |             |
|                            | 390442.93 | 3819344.24          | 72.77313 | (20021308) | 390434.76   |
| 3819322.72                 |           | 74.58466 (20021308) |          |            |             |
|                            | 390426.58 | 3819301.21          | 74.84072 | (20021308) | 390418.41   |
| 3819279.70                 |           | 73.44952 (20021308) |          |            |             |
|                            | 390410.24 | 3819258.19          | 72.34799 | (18022807) | 390402.07   |
| 3819236.68                 |           | 73.41750 (18022807) |          |            |             |
|                            | 390393.90 | 3819215.17          | 72.81510 | (18022807) | 390385.73   |
| 3819193.66                 |           | 70.71834 (18022807) |          |            |             |
|                            | 390377.55 | 3819172.15          | 67.11650 | (18022807) | 390369.38   |
| 3819150.64                 |           | 62.28089 (18022807) |          |            |             |
|                            | 390361.21 | 3819129.13          | 61.28175 | (19022323) | 390353.04   |
| 3819107.62                 |           | 60.97211 (19122817) |          |            |             |
|                            | 390344.87 | 3819086.11          | 63.20178 | (19122817) | 390336.70   |
| 3819064.60                 |           | 64.05037 (19122817) |          |            |             |
|                            | 390328.52 | 3819043.09          | 63.54228 | (19122817) | 390320.35   |
| 3819021.58                 |           | 61.61405 (19122817) |          |            |             |
|                            | 390312.18 | 3819000.07          | 58.44493 | (19122817) | 390304.01   |
| 3818978.56                 |           | 58.84542 (18120617) |          |            |             |
|                            | 390295.84 | 3818957.05          | 58.73913 | (18120617) | 390287.67   |
| 3818935.54                 |           | 57.59761 (18120617) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390279.49  | 3818914.03 | 55.83378   | (20120617) | 390271.32 |
| 3818892.52 | 56.81825   | (20120617) |            |           |
| 390263.15  | 3818871.01 | 55.55353   | (20120617) | 390254.98 |
| 3818849.50 | 53.36761   | (20120617) |            |           |
| 390246.81  | 3818827.99 | 52.10778   | (19010818) | 390238.64 |
| 3818806.48 | 53.08039   | (19010818) |            |           |
| 390230.46  | 3818784.97 | 53.26988   | (19010818) | 390222.29 |
| 3818763.46 | 52.15657   | (19010818) |            |           |
| 390214.12  | 3818741.95 | 49.98538   | (19010818) | 390205.95 |
| 3818720.44 | 50.75251   | (17061502) |            |           |
| 390197.78  | 3818698.93 | 50.52405   | (17061502) | 390189.60 |
| 3818677.42 | 49.11169   | (17061502) |            |           |
| 390181.43  | 3818655.91 | 48.07697   | (19110606) | 390173.26 |
| 3818634.40 | 47.81038   | (19110606) |            |           |
| 390165.09  | 3818612.89 | 47.12155   | (19110606) | 390156.92 |
| 3818591.38 | 45.73743   | (19110606) |            |           |
| 390148.75  | 3818569.87 | 43.16114   | (19110606) | 390140.57 |
| 3818548.36 | 39.20317   | (19110606) |            |           |
| 390132.40  | 3818526.85 | 35.19721   | (19110606) | 390124.23 |
| 3818505.34 | 33.81064   | (17090904) |            |           |
| 390116.06  | 3818483.83 | 34.42390   | (17090904) | 390107.89 |
| 3818462.32 | 34.36515   | (17090904) |            |           |
| 390099.72  | 3818440.81 | 33.57328   | (17090904) | 390091.54 |
| 3818419.30 | 32.26015   | (17090904) |            |           |
| 390083.37  | 3818397.79 | 32.41967   | (18121622) | 390075.20 |
| 3818376.28 | 32.27836   | (18121622) |            |           |
| 390067.03  | 3818354.77 | 31.25885   | (18121622) | 390058.86 |
| 3818333.26 | 29.90452   | (18121622) |            |           |
| 390050.69  | 3818311.75 | 29.98121   | (16122217) | 390042.51 |
| 3818290.24 | 29.73490   | (16122217) |            |           |
| 390034.34  | 3818268.72 | 28.90126   | (16122217) | 390026.17 |
| 3818247.21 | 27.62507   | (16122217) |            |           |
| 390018.00  | 3818225.70 | 26.72725   | (16012724) | 390009.83 |
| 3818204.19 | 26.86596   | (16012724) |            |           |
| 390001.66  | 3818182.68 | 26.42846   | (16012724) | 389993.48 |
| 3818161.17 | 25.38272   | (16012724) |            |           |
| 389985.31  | 3818139.66 | 24.47531   | (17013018) | 389977.14 |
| 3818118.15 | 24.58560   | (17013018) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 789

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            |             | IN MICROGRAMS/M**3 |
|-------------|---------------------|----------------|------------|-------------|--------------------|
|             |                     | **             |            |             |                    |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) | X-COORD (M) |                    |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |             |                    |
| -----       |                     |                |            |             |                    |
| 389968.97   | 3818096.64          | 24.10379       | (17013018) | 389960.80   |                    |
| 3818075.13  | 23.07922 (17013018) |                |            |             |                    |
| 389952.63   | 3818053.62          | 22.37625       | (18102822) | 389944.45   |                    |
| 3818032.11  | 21.85197 (18102822) |                |            |             |                    |
| 389936.28   | 3818010.60          | 20.75911       | (18102822) | 389928.11   |                    |
| 3817989.09  | 19.76986 (18102822) |                |            |             |                    |
| 389919.94   | 3817967.58          | 18.59322       | (20011502) | 389911.77   |                    |
| 3817946.07  | 18.44009 (20011502) |                |            |             |                    |
| 389903.60   | 3817924.56          | 17.88887       | (20011502) | 389895.42   |                    |
| 3817903.05  | 16.75625 (20011502) |                |            |             |                    |
| 389887.25   | 3817881.54          | 15.81769       | (17111117) | 389879.08   |                    |
| 3817860.03  | 15.55989 (17111117) |                |            |             |                    |
| 389870.91   | 3817838.52          | 15.06024       | (17111117) | 389862.74   |                    |
| 3817817.01  | 14.51694 (19120417) |                |            |             |                    |
| 389854.57   | 3817795.50          | 14.78106       | (19120417) | 389846.39   |                    |
| 3817773.99  | 14.55717 (19120417) |                |            |             |                    |
| 389838.22   | 3817752.48          | 13.95684       | (19120417) | 389830.05   |                    |
| 3817730.97  | 13.18284 (16012605) |                |            |             |                    |
| 389821.88   | 3817709.46          | 13.16218       | (16012605) | 389813.71   |                    |
| 3817687.95  | 12.86061 (16012605) |                |            |             |                    |
| 389805.54   | 3817666.44          | 12.41069       | (16012605) | 389797.36   |                    |
| 3817644.93  | 11.68301 (16012605) |                |            |             |                    |
| 389789.19   | 3817623.42          | 10.81979       | (16123017) | 389781.02   |                    |
| 3817601.91  | 10.61845 (16123017) |                |            |             |                    |
| 389772.85   | 3817580.40          | 10.09562       | (16123017) | 389764.68   |                    |
| 3817558.89  | 9.35834 (16123017)  |                |            |             |                    |
| 389756.51   | 3817537.38          | 8.92156        | (16032305) | 389748.33   |                    |
| 3817515.87  | 8.59995 (16032305)  |                |            |             |                    |
| 389740.16   | 3817494.36          | 8.11111        | (16032305) | 389731.99   |                    |
| 3817472.85  | 7.50110 (16032305)  |                |            |             |                    |
| 389723.82   | 3817451.34          | 7.18182        | (17042306) | 389715.65   |                    |
| 3817429.83  | 6.84567 (17042306)  |                |            |             |                    |
| 389707.48   | 3817408.32          | 6.57723        | (16012306) | 389699.30   |                    |
| 3817386.81  | 6.58616 (19112604)  |                |            |             |                    |
| 389691.13   | 3817365.30          | 6.59402        | (19112604) | 389682.96   |                    |
| 3817343.79  | 6.54501 (19112604)  |                |            |             |                    |
| 389674.79   | 3817322.28          | 6.39609        | (19112604) | 389666.62   |                    |
| 3817300.77  | 6.21714 (19112604)  |                |            |             |                    |
| 389658.45   | 3817279.26          | 6.01177        | (19112604) | 389650.27   |                    |
| 3817257.75  | 5.79066 (19112604)  |                |            |             |                    |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389642.10  | 3817236.23 | 5.67062    | (18010904) | 389633.93 |
| 3817214.72 | 5.69924    | (18010904) |            |           |
| 389625.76  | 3817193.21 | 5.65510    | (18010904) | 389617.59 |
| 3817171.70 | 5.59441    | (18010904) |            |           |
| 389609.42  | 3817150.19 | 5.48968    | (18010904) | 389601.24 |
| 3817128.68 | 5.33002    | (18010904) |            |           |
| 389593.07  | 3817107.17 | 5.26147    | (19112321) | 389584.90 |
| 3817085.66 | 5.21667    | (19112321) |            |           |
| 389576.73  | 3817064.15 | 5.12576    | (19112321) | 389568.56 |
| 3817042.64 | 4.98570    | (19112321) |            |           |
| 389560.38  | 3817021.13 | 4.79801    | (19112321) | 389552.21 |
| 3816999.62 | 4.57651    | (19112321) |            |           |
| 389544.04  | 3816978.11 | 4.32854    | (19112321) | 389535.87 |
| 3816956.60 | 4.21400    | (20011720) |            |           |
| 389527.70  | 3816935.09 | 4.12117    | (20091923) | 389519.53 |
| 3816913.58 | 4.09626    | (20091923) |            |           |
| 389511.35  | 3816892.07 | 4.05482    | (20091923) | 389503.18 |
| 3816870.56 | 3.96985    | (20091923) |            |           |
| 389495.01  | 3816849.05 | 3.89687    | (17031023) | 389486.84 |
| 3816827.54 | 3.89799    | (17031023) |            |           |
| 389478.67  | 3816806.03 | 3.86851    | (17031023) | 389470.50 |
| 3816784.52 | 3.80077    | (17031023) |            |           |
| 389462.32  | 3816763.01 | 3.69769    | (17031023) | 389454.15 |
| 3816741.50 | 3.57733    | (20011301) |            |           |
| 389445.98  | 3816719.99 | 3.54533    | (20011301) | 389437.81 |
| 3816698.48 | 3.48964    | (20011301) |            |           |
| 389429.64  | 3816676.97 | 3.41811    | (20011301) | 389421.47 |
| 3816655.46 | 3.39255    | (19122218) |            |           |
| 389413.29  | 3816633.95 | 3.35801    | (19122218) | 389405.12 |
| 3816612.44 | 3.29897    | (19122218) |            |           |
| 389396.95  | 3816590.93 | 3.20858    | (19122218) | 389388.78 |
| 3816569.42 | 3.10417    | (18091707) |            |           |
| 389380.61  | 3816547.91 | 3.32895    | (18091707) | 389372.44 |
| 3816526.40 | 3.55341    | (18091707) |            |           |
| 389364.26  | 3816504.89 | 3.77548    | (18091707) | 389356.09 |
| 3816483.38 | 3.99178    | (18091707) |            |           |
| 389347.92  | 3816461.87 | 4.20293    | (18091707) | 389339.75 |
| 3816440.36 | 4.40634    | (18091707) |            |           |
| 389331.58  | 3816418.85 | 4.59986    | (18091707) | 389323.41 |
| 3816397.34 | 4.77750    | (18091707) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 790

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389315.23   | 3816375.83  | 4.93800    | (18091707) | 389307.06   |
| 3816354.32  | 5.08163     | (18091707) |            |             |
| 389298.89   | 3816332.81  | 5.20606    | (18091707) | 389290.72   |
| 3816311.30  | 5.30607     | (18091707) |            |             |
| 389282.55   | 3816289.79  | 5.38580    | (18091707) | 389274.38   |
| 3816268.28  | 5.44713     | (18091707) |            |             |
| 389266.20   | 3816246.77  | 5.48550    | (18091707) | 389258.03   |
| 3816225.26  | 5.49708     | (18091707) |            |             |
| 389249.86   | 3816203.75  | 5.48679    | (18091707) | 394397.14   |
| 3821539.40  | 75.29279    | (16050324) |            |             |
| 394420.20   | 3821539.82  | 77.35073   | (16050324) | 394443.26   |
| 3821540.24  | 77.62059    | (16050324) |            |             |
| 394466.32   | 3821540.66  | 76.08063   | (16050324) | 394489.37   |
| 3821541.08  | 75.81857    | (18010220) |            |             |
| 394512.43   | 3821541.50  | 77.70243   | (18010220) | 394535.49   |
| 3821541.92  | 77.77685    | (18010220) |            |             |
| 393083.63   | 3822334.14  | 61.81505   | (16032003) | 393062.59   |
| 3822324.88  | 61.74549    | (16032003) |            |             |
| 393041.55   | 3822315.62  | 60.65643   | (16032003) | 393020.52   |
| 3822306.36  | 59.80721    | (19122402) |            |             |
| 392999.48   | 3822297.10  | 61.47778   | (19122402) | 392978.44   |
| 3822287.84  | 62.14659    | (19122402) |            |             |
| 392957.41   | 3822278.58  | 61.77875   | (19122402) | 392936.37   |
| 3822269.32  | 60.39017    | (19122402) |            |             |
| 392915.33   | 3822260.06  | 58.04757   | (19122402) | 392894.30   |
| 3822250.79  | 54.86390    | (19122402) |            |             |
| 392873.26   | 3822241.53  | 50.98514   | (19122402) | 392852.22   |
| 3822232.27  | 49.55404    | (17011408) |            |             |
| 392831.19   | 3822223.01  | 48.18687   | (17011408) | 392810.15   |
| 3822213.75  | 47.77670    | (16022306) |            |             |
| 392789.11   | 3822204.49  | 49.50428   | (20122117) | 392768.08   |
| 3822195.23  | 53.61313    | (20122117) |            |             |
| 392747.04   | 3822185.97  | 57.08926   | (20122117) | 392726.01   |
| 3822176.71  | 59.76732    | (20122117) |            |             |
| 392704.97   | 3822167.45  | 61.51880   | (20122117) | 392683.93   |
| 3822158.19  | 62.25440    | (20122117) |            |             |
| 392662.90   | 3822148.93  | 61.93642   | (20122117) | 392641.86   |
| 3822139.67  | 60.57959    | (20122117) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392620.82  | 3822130.41 | 58.25101   | (20122117) | 392599.79 |
| 3822121.15 | 55.06580   | (20122117) |            |           |
| 392578.75  | 3822111.88 | 55.05628   | (20091423) | 392557.71 |
| 3822102.62 | 54.46169   | (20091423) |            |           |
| 392536.68  | 3822093.36 | 54.99942   | (18100905) | 392515.64 |
| 3822084.10 | 56.93348   | (18100905) |            |           |
| 392494.60  | 3822074.84 | 57.93754   | (18100905) | 392473.57 |
| 3822065.58 | 57.96087   | (18100905) |            |           |
| 392452.53  | 3822056.32 | 57.00195   | (18100905) | 392431.49 |
| 3822047.06 | 55.10885   | (18100905) |            |           |
| 392410.46  | 3822037.80 | 52.37673   | (18100905) | 392389.42 |
| 3822028.54 | 51.21547   | (20022707) |            |           |
| 392368.38  | 3822019.28 | 55.15825   | (20022707) | 392347.35 |
| 3822010.02 | 58.39603   | (20022707) |            |           |
| 392326.31  | 3822000.76 | 60.77735   | (20022707) | 392305.27 |
| 3821991.50 | 62.18392   | (20022707) |            |           |
| 392284.24  | 3821982.23 | 62.54563   | (20022707) | 392263.20 |
| 3821972.97 | 61.84440   | (20022707) |            |           |
| 392242.16  | 3821963.71 | 60.11617   | (20022707) | 392221.13 |
| 3821954.45 | 57.44901   | (20022707) |            |           |
| 392200.09  | 3821945.19 | 53.97109   | (20022707) | 392179.05 |
| 3821935.93 | 53.91093   | (20011802) |            |           |
| 392158.02  | 3821926.67 | 57.38446   | (20011802) | 392136.98 |
| 3821917.41 | 60.05082   | (20011802) |            |           |
| 392115.94  | 3821908.15 | 61.77994   | (20011802) | 392094.91 |
| 3821898.89 | 62.48678   | (20011802) |            |           |
| 392073.87  | 3821889.63 | 62.13730   | (20011802) | 392052.83 |
| 3821880.37 | 60.74990   | (20011802) |            |           |
| 392031.80  | 3821871.11 | 60.58806   | (19120105) | 392010.76 |
| 3821861.85 | 61.98591   | (19120105) |            |           |
| 391863.50  | 3821797.02 | 59.41516   | (19120504) | 391842.47 |
| 3821787.76 | 59.37389   | (17031323) |            |           |
| 391821.43  | 3821778.50 | 61.13022   | (17031323) | 391800.39 |
| 3821769.24 | 61.89262   | (17031323) |            |           |
| 391779.36  | 3821759.98 | 61.62578   | (17031323) | 391758.32 |
| 3821750.72 | 60.34487   | (17031323) |            |           |
| 391737.28  | 3821741.46 | 59.90883   | (16121406) | 391716.25 |
| 3821732.20 | 61.38275   | (16121406) |            |           |
| 391695.21  | 3821722.94 | 61.85685   | (16121406) | 391674.17 |
| 3821713.67 | 61.30946   | (16121406) |            |           |
| 391653.14  | 3821704.41 | 59.77083   | (16121406) | 391632.10 |
| 3821695.15 | 57.31693   | (16121406) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

| ** CONC OF ALL |             | IN MICROGRAMS/M**3 |            |             |
|----------------|-------------|--------------------|------------|-------------|
| **             |             |                    |            |             |
| X-COORD (M)    | Y-COORD (M) | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC        | (YYMMDDHH)         |            |             |
| -----          |             |                    |            |             |
| 391611.06      | 3821685.89  | 54.06667           | (16121406) | 391590.03   |
| 3821676.63     | 53.50206    | (20020718)         |            |             |
| 391568.99      | 3821667.37  | 52.81000           | (20020718) | 391547.95   |
| 3821658.11     | 51.95658    | (17091023)         |            |             |
| 391526.92      | 3821648.85  | 53.65703           | (17091023) | 391505.88   |
| 3821639.59     | 54.51553    | (17091023)         |            |             |
| 391484.84      | 3821630.33  | 54.49264           | (17091023) | 391463.81   |
| 3821621.07     | 53.59276    | (17091023)         |            |             |
| 391442.77      | 3821611.81  | 51.86106           | (17091023) | 391421.73   |
| 3821602.55     | 49.38190    | (17091023)         |            |             |
| 391400.70      | 3821593.29  | 49.65754           | (20111107) | 391379.66   |
| 3821584.02     | 53.45175    | (20111107)         |            |             |
| 391358.62      | 3821574.76  | 56.61360           | (20111107) | 391337.59   |
| 3821565.50     | 59.00560    | (20111107)         |            |             |
| 391316.55      | 3821556.24  | 60.52272           | (20111107) | 391295.51   |
| 3821546.98     | 61.09639    | (20111107)         |            |             |
| 391274.48      | 3821537.72  | 60.70349           | (20111107) | 391253.44   |
| 3821528.46     | 59.36582    | (20111107)         |            |             |
| 391232.40      | 3821519.20  | 57.14922           | (20111107) | 391211.37   |
| 3821509.94     | 54.15912    | (20111107)         |            |             |
| 391190.33      | 3821500.68  | 50.52759           | (20111107) | 391169.29   |
| 3821491.42     | 51.78946    | (18011717)         |            |             |
| 391148.26      | 3821482.16  | 54.55543           | (18011717) | 391127.22   |
| 3821472.90     | 56.57871    | (18011717)         |            |             |
| 391106.19      | 3821463.64  | 57.77051           | (18011717) | 391085.15   |
| 3821454.37     | 58.08098    | (18011717)         |            |             |
| 391064.11      | 3821445.11  | 57.49887           | (18011717) | 391043.08   |
| 3821435.85     | 56.05573    | (18011717)         |            |             |
| 391022.04      | 3821426.59  | 53.81920           | (18011717) | 391001.00   |
| 3821417.33     | 50.89131    | (18011717)         |            |             |
| 390979.97      | 3821408.07  | 47.40030           | (18011717) | 390958.93   |
| 3821398.81     | 43.48670    | (18011717)         |            |             |
| 390937.89      | 3821389.55  | 44.01549           | (16031907) | 390916.86   |
| 3821380.29     | 45.53428    | (16031907)         |            |             |
| 390895.82      | 3821371.03  | 46.40183           | (16031907) | 390874.78   |
| 3821361.77     | 46.58247    | (16031907)         |            |             |

|                                                                              |            |            |            |           |
|------------------------------------------------------------------------------|------------|------------|------------|-----------|
| 390853.75                                                                    | 3821352.51 | 46.07199   | (16031907) | 390832.71 |
| 3821343.25                                                                   | 44.89595   | (16031907) |            |           |
| 390811.67                                                                    | 3821333.99 | 43.10888   | (16031907) | 390790.64 |
| 3821324.73                                                                   | 42.28578   | (19062704) |            |           |
| 390769.60                                                                    | 3821315.46 | 45.72912   | (19062704) | 390748.56 |
| 3821306.20                                                                   | 48.72647   | (19062704) |            |           |
| 390727.53                                                                    | 3821296.94 | 51.16265   | (19062704) | 390706.49 |
| 3821287.68                                                                   | 52.94282   | (19062704) |            |           |
| 390685.45                                                                    | 3821278.42 | 53.99516   | (19062704) | 390664.42 |
| 3821269.16                                                                   | 54.27912   | (19062704) |            |           |
| 390643.38                                                                    | 3821259.90 | 53.78698   | (19062704) | 390622.34 |
| 3821250.64                                                                   | 52.54384   | (19062704) |            |           |
| 390601.31                                                                    | 3821241.38 | 50.60679   | (19062704) | 390580.27 |
| 3821232.12                                                                   | 48.05748   | (19062704) |            |           |
| 390559.23                                                                    | 3821222.86 | 45.00058   | (19062704) | 390538.20 |
| 3821213.60                                                                   | 44.69306   | (20010717) |            |           |
| 390517.16                                                                    | 3821204.34 | 47.04752   | (20010717) | 390496.12 |
| 3821195.08                                                                   | 48.83584   | (20010717) |            |           |
| 390475.09                                                                    | 3821185.81 | 49.99019   | (20010717) | 390454.05 |
| 3821176.55                                                                   | 50.46741   | (20010717) |            |           |
| 390433.01                                                                    | 3821167.29 | 50.25226   | (20010717) | 390411.98 |
| 3821158.03                                                                   | 49.35824   | (20010717) |            |           |
| 390390.94                                                                    | 3821148.77 | 47.82492   | (20010717) | 390369.90 |
| 3821139.51                                                                   | 46.71541   | (18122218) |            |           |
| 390348.87                                                                    | 3821130.25 | 47.31359   | (18122218) | 390327.83 |
| 3821120.99                                                                   | 47.27833   | (18122218) |            |           |
| 390306.79                                                                    | 3821111.73 | 46.61487   | (18122218) | 390285.76 |
| 3821102.47                                                                   | 45.35402   | (18122218) |            |           |
| 390264.72                                                                    | 3821093.21 | 43.54767   | (18122218) | 390243.68 |
| 3821083.95                                                                   | 44.35523   | (17010720) |            |           |
| 390222.65                                                                    | 3821074.69 | 47.74932   | (17010720) | 390201.61 |
| 3821065.43                                                                   | 50.72852   | (17010720) |            |           |
| 390180.57                                                                    | 3821056.17 | 53.18986   | (17010720) | 390159.54 |
| 3821046.90                                                                   | 55.04762   | (17010720) |            |           |
| 390138.50                                                                    | 3821037.64 | 56.23651   | (17010720) | 390117.46 |
| 3821028.38                                                                   | 56.71644   | (17010720) |            |           |
| 390096.43                                                                    | 3821019.12 | 56.47437   | (17010720) | 390075.39 |
| 3821009.86                                                                   | 55.52423   | (17010720) |            |           |
| 390054.35                                                                    | 3821000.60 | 53.90649   | (17010720) | 390033.32 |
| 3820991.34                                                                   | 51.68592   | (17010720) |            |           |
| 389949.17                                                                    | 3820954.30 | 44.53599   | (18091303) | 389928.13 |
| 3820945.04                                                                   | 42.99629   | (18091303) |            |           |
| 389907.10                                                                    | 3820935.78 | 43.04159   | (18111302) | 389886.06 |
| 3820926.52                                                                   | 43.40318   | (18111302) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                        | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                              | ***        | 17:54:19   |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 389865.02   | 3820917.25          | 43.24221   | (18111302) | 389843.99   |
| 3820907.99  | 43.78591 (18070504) |            |            |             |
| 389822.95   | 3820898.73          | 45.55179   | (18070504) | 389801.91   |
| 3820889.47  | 46.82542 (18070504) |            |            |             |
| 389780.88   | 3820880.21          | 47.56661   | (18070504) | 389759.84   |
| 3820870.95  | 47.75405 (18070504) |            |            |             |
| 389738.80   | 3820861.69          | 47.38519   | (18070504) | 389717.77   |
| 3820852.43  | 46.47745 (18070504) |            |            |             |
| 389688.57   | 3820821.68          | 47.96592   | (19111222) | 389680.41   |
| 3820800.20  | 48.70781 (19111222) |            |            |             |
| 389672.24   | 3820778.71          | 48.83910   | (19111222) | 389664.08   |
| 3820757.22  | 48.35086 (19111222) |            |            |             |
| 389655.92   | 3820735.74          | 47.25850   | (19111222) | 389647.76   |
| 3820714.25  | 45.59897 (19111222) |            |            |             |
| 389639.59   | 3820692.76          | 43.43008   | (19111222) | 389631.43   |
| 3820671.28  | 40.82978 (19111222) |            |            |             |
| 389623.27   | 3820649.79          | 43.10282   | (19112123) | 389615.10   |
| 3820628.30  | 45.43006 (19112123) |            |            |             |
| 389606.94   | 3820606.82          | 47.26179   | (19112123) | 389598.78   |
| 3820585.33  | 48.52829 (19112123) |            |            |             |
| 389590.62   | 3820563.84          | 49.17670   | (19112123) | 389582.45   |
| 3820542.36  | 49.17807 (19112123) |            |            |             |
| 389574.29   | 3820520.87          | 50.91934   | (16022104) | 389566.13   |
| 3820499.38  | 53.23282 (16022104) |            |            |             |
| 389557.97   | 3820477.90          | 54.91286   | (16022104) | 389549.80   |
| 3820456.41  | 55.89171 (16022104) |            |            |             |
| 389541.64   | 3820434.93          | 56.12559   | (16022104) | 389533.48   |
| 3820413.44  | 55.60174 (16022104) |            |            |             |
| 389525.31   | 3820391.95          | 54.33668   | (16022104) | 389517.15   |
| 3820370.47  | 53.36463 (17010803) |            |            |             |
| 389508.99   | 3820348.98          | 54.52299   | (17010803) | 389500.83   |
| 3820327.49  | 54.94705 (17010803) |            |            |             |
| 389492.66   | 3820306.01          | 54.61578   | (17010803) | 389484.50   |
| 3820284.52  | 53.53939 (17010803) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389476.34  | 3820263.03 | 54.53518   | (16102117) | 389468.18 |
| 3820241.55 | 55.89791   | (16102117) |            |           |
| 389460.01  | 3820220.06 | 56.50120   | (16102117) | 389451.85 |
| 3820198.57 | 56.31567   | (16102117) |            |           |
| 389443.69  | 3820177.09 | 55.34612   | (16102117) | 389435.53 |
| 3820155.60 | 54.74271   | (19112102) |            |           |
| 389427.36  | 3820134.11 | 56.26034   | (19112102) | 389419.20 |
| 3820112.63 | 57.00543   | (19112102) |            |           |
| 389411.04  | 3820091.14 | 56.94418   | (19112102) | 389402.87 |
| 3820069.65 | 56.07490   | (19112102) |            |           |
| 389394.71  | 3820048.17 | 54.78859   | (20021308) | 389386.55 |
| 3820026.68 | 56.42513   | (20021308) |            |           |
| 389378.39  | 3820005.19 | 57.28026   | (20021308) | 389370.22 |
| 3819983.71 | 57.31415   | (20021308) |            |           |
| 389362.06  | 3819962.22 | 56.52238   | (20021308) | 389353.90 |
| 3819940.74 | 54.93634   | (20021308) |            |           |
| 389345.74  | 3819919.25 | 56.63725   | (18022807) | 389337.57 |
| 3819897.76 | 57.57382   | (18022807) |            |           |
| 389329.41  | 3819876.28 | 57.67460   | (18022807) | 389321.25 |
| 3819854.79 | 56.93252   | (18022807) |            |           |
| 389313.08  | 3819833.30 | 55.37617   | (18022807) | 389304.92 |
| 3819811.82 | 53.07179   | (18022807) |            |           |
| 389296.76  | 3819790.33 | 50.12617   | (19022323) | 389288.60 |
| 3819768.84 | 50.24754   | (19022323) |            |           |
| 389280.43  | 3819747.36 | 52.44578   | (19122817) | 389272.27 |
| 3819725.87 | 54.99819   | (19122817) |            |           |
| 389264.11  | 3819704.38 | 56.82053   | (19122817) | 389255.95 |
| 3819682.90 | 57.83084   | (19122817) |            |           |
| 389247.78  | 3819661.41 | 57.98244   | (19122817) | 389239.62 |
| 3819639.92 | 57.26552   | (19122817) |            |           |
| 389231.46  | 3819618.44 | 55.71029   | (19122817) | 389223.30 |
| 3819596.95 | 54.97601   | (18120617) |            |           |
| 389215.13  | 3819575.46 | 55.95058   | (18120617) | 389206.97 |
| 3819553.98 | 56.08475   | (18120617) |            |           |
| 389198.81  | 3819532.49 | 55.37056   | (18120617) | 389190.64 |
| 3819511.00 | 53.83726   | (18120617) |            |           |
| 389182.48  | 3819489.52 | 55.57757   | (20120617) | 389174.32 |
| 3819468.03 | 56.53630   | (20120617) |            |           |
| 389166.16  | 3819446.55 | 56.63732   | (20120617) | 389157.99 |
| 3819425.06 | 55.87378   | (20120617) |            |           |
| 389149.83  | 3819403.57 | 55.60411   | (19010818) | 389141.67 |
| 3819382.09 | 57.39349   | (19010818) |            |           |
| 389133.51  | 3819360.60 | 58.33511   | (19010818) | 389125.34 |
| 3819339.11 | 58.38305   | (19010818) |            |           |
| 389117.18  | 3819317.63 | 57.53394   | (19010818) | 389109.02 |
| 3819296.14 | 55.82434   | (19010818) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389100.86   | 3819274.65  | 57.51140   | (17061502) | 389092.69   |
| 3819253.17  | 58.38701    | (17061502) |            |             |
| 389084.53   | 3819231.68  | 58.36116   | (17061502) | 389076.37   |
| 3819210.19  | 57.43310    | (17061502) |            |             |
| 389068.20   | 3819188.71  | 56.21068   | (19110606) | 389060.04   |
| 3819167.22  | 57.88284    | (19110606) |            |             |
| 389051.88   | 3819145.73  | 58.68026   | (19110606) | 389043.72   |
| 3819124.25  | 58.56487    | (19110606) |            |             |
| 389035.55   | 3819102.76  | 57.54042   | (19110606) | 389027.39   |
| 3819081.27  | 55.65356    | (19110606) |            |             |
| 389019.23   | 3819059.79  | 52.99018   | (19110606) | 389011.07   |
| 3819038.30  | 49.66545    | (19110606) |            |             |
| 389002.90   | 3819016.81  | 45.82046   | (19110606) | 388994.74   |
| 3818995.33  | 44.00724    | (17090904) |            |             |
| 388986.58   | 3818973.84  | 45.88194   | (17090904) | 388978.41   |
| 3818952.36  | 47.08810    | (17090904) |            |             |
| 388970.25   | 3818930.87  | 47.57017   | (17090904) | 388962.09   |
| 3818909.38  | 47.30453    | (17090904) |            |             |
| 388953.93   | 3818887.90  | 46.86644   | (18121622) | 388945.76   |
| 3818866.41  | 48.77161    | (18121622) |            |             |
| 388937.60   | 3818844.92  | 49.95785   | (18121622) | 388929.44   |
| 3818823.44  | 50.36993    | (18121622) |            |             |
| 388921.28   | 3818801.95  | 52.19584   | (16122217) | 388913.11   |
| 3818780.46  | 55.07495    | (16122217) |            |             |
| 388904.95   | 3818758.98  | 57.19864   | (16122217) | 388896.79   |
| 3818737.49  | 58.47197    | (16122217) |            |             |
| 388888.63   | 3818716.00  | 58.83439   | (16122217) | 388880.46   |
| 3818694.52  | 58.26888    | (16122217) |            |             |
| 388872.30   | 3818673.03  | 56.80199   | (16122217) | 388864.14   |
| 3818651.54  | 55.29311    | (18121517) |            |             |
| 388855.97   | 3818630.06  | 56.40746   | (18121517) | 388847.81   |
| 3818608.57  | 56.64042    | (18121517) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388839.65  | 3818587.08          | 55.98073 | (18121517) | 388831.49 |
| 3818565.60 | 55.57679 (17013018) |          |            |           |
| 388823.32  | 3818544.11          | 57.48498 | (17013018) | 388815.16 |
| 3818522.62 | 58.52439 (17013018) |          |            |           |
| 388807.00  | 3818501.14          | 58.64727 | (17013018) | 388798.84 |
| 3818479.65 | 57.84854 (17013018) |          |            |           |
| 388790.67  | 3818458.17          | 56.16635 | (17013018) | 388782.51 |
| 3818436.68 | 57.58379 (18102822) |          |            |           |
| 388774.35  | 3818415.19          | 58.50980 | (18102822) | 388766.18 |
| 3818393.71 | 58.51944 (18102822) |          |            |           |
| 388758.02  | 3818372.22          | 57.61341 | (18102822) | 388749.86 |
| 3818350.73 | 55.83457 (18102822) |          |            |           |
| 388741.70  | 3818329.25          | 53.26660 | (18102822) | 388733.53 |
| 3818307.76 | 50.00224 (18102822) |          |            |           |
| 388725.37  | 3818286.27          | 44.74972 | (20011502) | 388717.21 |
| 3818264.79 | 42.64299 (17111117) |          |            |           |
| 388709.05  | 3818243.30          | 42.22120 | (17111117) | 388700.88 |
| 3818221.81 | 41.50654 (17111117) |          |            |           |
| 388692.72  | 3818200.33          | 40.76900 | (17111117) | 388684.56 |
| 3818178.84 | 39.65347 (17111117) |          |            |           |
| 388676.40  | 3818157.35          | 37.88241 | (17111117) | 388668.23 |
| 3818135.87 | 37.71071 (19120417) |          |            |           |
| 388660.07  | 3818114.38          | 37.51206 | (19120417) | 388651.91 |
| 3818092.89 | 37.08047 (19120417) |          |            |           |
| 388643.74  | 3818071.41          | 35.73342 | (19120417) | 388635.58 |
| 3818049.92 | 33.84298 (16012605) |          |            |           |
| 388627.42  | 3818028.44          | 33.46011 | (16012605) | 388619.26 |
| 3818006.95 | 32.62416 (16012605) |          |            |           |
| 388611.09  | 3817985.46          | 31.14323 | (16012605) | 388602.93 |
| 3817963.98 | 29.14244 (16012605) |          |            |           |
| 388594.77  | 3817942.49          | 26.58573 | (16012605) | 388586.61 |
| 3817921.00 | 24.57530 (16012605) |          |            |           |
| 388578.44  | 3817899.52          | 23.03342 | (16123017) | 388570.28 |
| 3817878.03 | 21.74838 (16123017) |          |            |           |
| 388562.12  | 3817856.54          | 20.26430 | (16123017) | 388553.95 |
| 3817835.06 | 18.49818 (16123017) |          |            |           |
| 388545.79  | 3817813.57          | 17.00700 | (16111417) | 388537.63 |
| 3817792.08 | 16.43080 (16111417) |          |            |           |
| 388529.47  | 3817770.60          | 15.48195 | (16111417) | 388521.30 |
| 3817749.11 | 14.34948 (16111417) |          |            |           |
| 388513.14  | 3817727.62          | 12.99131 | (16111417) | 388504.98 |
| 3817706.14 | 11.43850 (16111417) |          |            |           |
| 388496.82  | 3817684.65          | 10.80190 | (19082401) | 388488.65 |
| 3817663.16 | 10.53196 (19082401) |          |            |           |
| 388480.49  | 3817641.68          | 9.86167  | (19082401) | 388472.33 |
| 3817620.19 | 9.59398 (17011704)  |          |            |           |
| 388464.17  | 3817598.70          | 9.39206  | (17011704) | 388456.00 |
| 3817577.22 | 9.36317 (17011704)  |          |            |           |

|            | X-COORD (M) | Y-COORD (M)        | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|--------------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC               |         | (YYMMDDHH) |             |
|            | 388447.84   | 3817555.73         | 9.11660 | (17011704) | 388439.68   |
| 3817534.25 |             | 8.75571 (17011704) |         |            |             |
|            | 388431.51   | 3817512.76         | 8.28031 | (17011704) | 388423.35   |
| 3817491.27 |             | 7.78754 (17011704) |         |            |             |
|            | 388415.19   | 3817469.79         | 7.71087 | (18030604) | 388407.03   |
| 3817448.30 |             | 7.47008 (18030604) |         |            |             |
|            | 388398.86   | 3817426.81         | 6.88650 | (18030604) | 388390.70   |
| 3817405.33 |             | 6.53234 (18030604) |         |            |             |
|            | 388382.54   | 3817383.84         | 6.24622 | (18030604) | 388374.38   |
| 3817362.35 |             | 6.37152 (17030222) |         |            |             |
|            | 388366.21   | 3817340.87         | 6.41462 | (17030222) | 388358.05   |
| 3817319.38 |             | 6.29582 (17030222) |         |            |             |
|            | 388349.89   | 3817297.89         | 5.98710 | (17030222) | 388341.72   |
| 3817276.41 |             | 5.41762 (20031803) |         |            |             |
|            | 388333.56   | 3817254.92         | 5.20141 | (19112321) | 388325.40   |
| 3817233.43 |             | 4.93515 (19112321) |         |            |             |
|            | 388317.24   | 3817211.95         | 4.75122 | (19112321) | 388309.07   |
| 3817190.46 |             | 4.69932 (19112321) |         |            |             |
|            | 388300.91   | 3817168.97         | 4.67221 | (19112321) | 388292.75   |
| 3817147.49 |             | 4.57520 (19112321) |         |            |             |
|            | 388284.59   | 3817126.00         | 4.45179 | (19112321) | 388276.42   |
| 3817104.51 |             | 4.32433 (19112321) |         |            |             |
|            | 388268.26   | 3817083.03         | 4.32360 | (20011720) | 388260.10   |
| 3817061.54 |             | 4.52932 (20091923) |         |            |             |
|            | 388251.94   | 3817040.06         | 4.75025 | (20091923) | 388243.77   |
| 3817018.57 |             | 4.98760 (16111707) |         |            |             |
|            | 388235.61   | 3816997.08         | 5.33418 | (16111707) | 388227.45   |
| 3816975.60 |             | 6.24099 (16111707) |         |            |             |
|            | 388219.28   | 3816954.11         | 7.25737 | (16111707) | 388211.12   |
| 3816932.62 |             | 8.38278 (18111703) |         |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388202.96  | 3816911.14          | 8.30231  | (18111703) | 388194.80 |
| 3816889.65 | 7.52218 (18111703)  |          |            |           |
| 388186.63  | 3816868.16          | 6.81739  | (18111703) | 388178.47 |
| 3816846.68 | 7.73541 (18111703)  |          |            |           |
| 388170.31  | 3816825.19          | 8.33774  | (18111701) | 388162.15 |
| 3816803.70 | 8.79989 (18111701)  |          |            |           |
| 388153.98  | 3816782.22          | 8.36438  | (18111701) | 388145.82 |
| 3816760.73 | 9.13942 (18111701)  |          |            |           |
| 388137.66  | 3816739.24          | 9.97388  | (16062705) | 388129.49 |
| 3816717.76 | 9.73293 (19120217)  |          |            |           |
| 388121.33  | 3816696.27          | 8.80317  | (19120217) | 388113.17 |
| 3816674.78 | 7.82095 (19120217)  |          |            |           |
| 388105.01  | 3816653.30          | 7.03326  | (19120217) | 388096.84 |
| 3816631.81 | 6.47360 (16120319)  |          |            |           |
| 388088.68  | 3816610.32          | 5.95458  | (16120319) | 388080.52 |
| 3816588.84 | 5.68748 (17011306)  |          |            |           |
| 388072.36  | 3816567.35          | 5.63192  | (17011306) | 388064.19 |
| 3816545.87 | 5.53078 (17011306)  |          |            |           |
| 388056.03  | 3816524.38          | 5.17618  | (17011306) | 388047.87 |
| 3816502.89 | 4.62176 (17011306)  |          |            |           |
| 388039.71  | 3816481.41          | 4.41025  | (16092619) | 388031.54 |
| 3816459.92 | 4.37992 (16092619)  |          |            |           |
| 388023.38  | 3816438.43          | 4.45953  | (16092619) | 388015.22 |
| 3816416.95 | 4.73680 (16092619)  |          |            |           |
| 388007.05  | 3816395.46          | 5.85756  | (19110706) | 387998.89 |
| 3816373.97 | 7.30991 (19110706)  |          |            |           |
| 387990.73  | 3816352.49          | 8.75307  | (19110706) | 387982.57 |
| 3816331.00 | 9.99019 (19110706)  |          |            |           |
| 387974.40  | 3816309.51          | 11.71612 | (18010218) | 387966.24 |
| 3816288.03 | 13.67451 (18010218) |          |            |           |
| 387958.08  | 3816266.54          | 14.71732 | (18010218) | 387949.92 |
| 3816245.05 | 15.95546 (18010804) |          |            |           |
| 387941.75  | 3816223.57          | 16.85772 | (18010804) | 387933.59 |
| 3816202.08 | 16.26769 (18010804) |          |            |           |
| 387925.43  | 3816180.59          | 15.21955 | (18010804) | 387917.27 |
| 3816159.11 | 14.12583 (18010804) |          |            |           |
| 394372.93  | 3822872.52          | 55.80341 | (16050324) | 394395.98 |
| 3822872.94 | 57.32328 (18010220) |          |            |           |
| 394419.04  | 3822873.36          | 58.27474 | (18010220) | 394442.10 |
| 3822873.77 | 58.32439 (18010220) |          |            |           |
| 394465.16  | 3822874.19          | 57.46883 | (18010220) | 394488.21 |
| 3822874.61 | 55.74781 (18010220) |          |            |           |
| 394511.27  | 3822875.03          | 57.35794 | (16060402) | 392950.15 |
| 3823619.16 | 43.27349 (18012218) |          |            |           |
| 392929.05  | 3823609.87          | 43.33452 | (19110502) | 392907.95 |
| 3823600.58 | 45.51073 (19110502) |          |            |           |
| 392886.85  | 3823591.29          | 47.23123 | (19110502) | 392865.75 |
| 3823582.00 | 48.43604 (19110502) |          |            |           |
| 392844.65  | 3823572.71          | 49.08178 | (19110502) | 392823.55 |
| 3823563.42 | 49.14426 (19110502) |          |            |           |

| X-COORD (M) | Y-COORD (M)         | CONC (YYMMDDHH)     | X-COORD (M) |
|-------------|---------------------|---------------------|-------------|
| 392802.44   | 3823554.13          | 48.61956 (19110502) | 392781.34   |
| 3823544.84  | 47.52562 (19110502) |                     |             |
| 392760.24   | 3823535.56          | 47.78566 (16032003) | 392739.14   |
| 3823526.27  | 48.81739 (16032003) |                     |             |
| 392718.04   | 3823516.98          | 49.27361 (16032003) | 392696.94   |
| 3823507.69  | 49.13679 (16032003) |                     |             |
| 392675.84   | 3823498.40          | 48.41071 (16032003) | 392654.74   |
| 3823489.11  | 47.12031 (16032003) |                     |             |
| 392633.63   | 3823479.82          | 48.39112 (19122402) | 392612.53   |
| 3823470.53  | 49.22846 (19122402) |                     |             |
| 392591.43   | 3823461.24          | 49.47509 (19122402) | 392570.33   |
| 3823451.95  | 49.12108 (19122402) |                     |             |
| 392549.23   | 3823442.66          | 48.17827 (19122402) | 392528.13   |
| 3823433.38  | 46.67984 (19122402) |                     |             |
| 392507.03   | 3823424.09          | 44.67771 (19122402) | 392485.93   |
| 3823414.80  | 42.24040 (19122402) |                     |             |
| 392464.82   | 3823405.51          | 39.75644 (17011408) | 392443.72   |
| 3823396.22  | 39.28724 (17011408) |                     |             |
| 392422.62   | 3823386.93          | 38.34991 (17011408) | 392401.52   |
| 3823377.64  | 37.62565 (16022306) |                     |             |
| 392380.42   | 3823368.35          | 38.39064 (16022306) | 392359.32   |
| 3823359.06  | 40.50085 (20122117) |                     |             |
| 392338.22   | 3823349.77          | 43.19800 (20122117) | 392317.12   |
| 3823340.48  | 45.51104 (20122117) |                     |             |
| 392296.01   | 3823331.19          | 47.36144 (20122117) | 392274.91   |
| 3823321.91  | 48.68197 (20122117) |                     |             |
| 392253.81   | 3823312.62          | 49.42594 (20122117) | 392232.71   |
| 3823303.33  | 49.56535 (20122117) |                     |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392211.61  | 3823294.04 | 49.09457   | (20122117) | 392190.51 |
| 3823284.75 | 48.03042   | (20122117) |            |           |
| 392169.41  | 3823275.46 | 46.41120   | (20122117) | 392148.31 |
| 3823266.17 | 44.29434   | (20122117) |            |           |
| 392127.20  | 3823256.88 | 43.77338   | (20091423) | 392106.10 |
| 3823247.59 | 43.67057   | (20091423) |            |           |
| 392085.00  | 3823238.30 | 43.03135   | (20091423) | 392063.90 |
| 3823229.01 | 43.87369   | (18100905) |            |           |
| 392042.80  | 3823219.72 | 45.19210   | (18100905) | 392021.70 |
| 3823210.44 | 45.97619   | (18100905) |            |           |
| 392000.60  | 3823201.15 | 46.19749   | (18100905) | 391979.50 |
| 3823191.86 | 45.84744   | (18100905) |            |           |
| 391958.39  | 3823182.57 | 44.93835   | (18100905) | 391937.29 |
| 3823173.28 | 43.50415   | (18100905) |            |           |
| 391916.19  | 3823163.99 | 41.59603   | (18100905) | 391895.09 |
| 3823154.70 | 39.71537   | (20022707) |            |           |
| 391873.99  | 3823145.41 | 42.54034   | (20022707) | 391852.89 |
| 3823136.12 | 45.00366   | (20022707) |            |           |
| 391831.79  | 3823126.83 | 47.02202   | (20022707) | 391810.68 |
| 3823117.54 | 48.52519   | (20022707) |            |           |
| 391789.58  | 3823108.25 | 49.45811   | (20022707) | 391768.48 |
| 3823098.97 | 49.78739   | (20022707) |            |           |
| 391747.38  | 3823089.68 | 49.50137   | (20022707) | 391726.28 |
| 3823080.39 | 48.61064   | (20022707) |            |           |
| 391705.18  | 3823071.10 | 47.14804   | (20022707) | 391684.08 |
| 3823061.81 | 45.16647   | (20022707) |            |           |
| 391662.98  | 3823052.52 | 42.73568   | (20022707) | 391641.87 |
| 3823043.23 | 42.08363   | (20011802) |            |           |
| 391620.77  | 3823033.94 | 44.60211   | (20011802) | 391599.67 |
| 3823024.65 | 46.68941   | (20011802) |            |           |
| 391578.57  | 3823015.36 | 48.27333   | (20011802) | 391557.47 |
| 3823006.07 | 49.29774   | (20011802) |            |           |
| 391536.37  | 3822996.78 | 49.72590   | (20011802) | 391515.27 |
| 3822987.50 | 49.54269   | (20011802) |            |           |
| 391494.17  | 3822978.21 | 48.75548   | (20011802) | 391473.06 |
| 3822968.92 | 47.39280   | (20011802) |            |           |
| 391451.96  | 3822959.63 | 48.65844   | (19120105) | 391430.86 |
| 3822950.34 | 49.44129   | (19120105) |            |           |
| 391409.76  | 3822941.05 | 49.62279   | (19120105) | 391388.66 |
| 3822931.76 | 49.19703   | (19120105) |            |           |
| 391367.56  | 3822922.47 | 48.18031   | (19120105) | 391346.46 |
| 3822913.18 | 46.61007   | (19120105) |            |           |
| 391325.36  | 3822903.89 | 47.56092   | (19120504) | 391304.25 |
| 3822894.60 | 48.09329   | (19120504) |            |           |
| 391283.15  | 3822885.32 | 48.04044   | (19120504) | 391262.05 |
| 3822876.03 | 47.40557   | (19120504) |            |           |
| 391093.24  | 3822801.71 | 48.40868   | (16121406) | 391072.14 |
| 3822792.42 | 49.10920   | (16121406) |            |           |
| 391051.04  | 3822783.13 | 49.22264   | (16121406) | 391029.94 |
| 3822773.85 | 48.74624   | (16121406) |            |           |

391008.84 3822764.56 47.69819 (16121406) 390987.74  
 3822755.27 46.11666 (16121406)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 796

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390966.63   | 3822745.98  | 44.05661   | (16121406) | 390945.53   |
| 3822736.69  | 42.55259    | (20020718) |            |             |
| 390924.43   | 3822727.40  | 42.48553   | (20020718) | 390903.33   |
| 3822718.11  | 41.91605    | (20020718) |            |             |
| 390882.23   | 3822708.82  | 41.09987   | (17091023) | 390861.13   |
| 3822699.53  | 42.37301    | (17091023) |            |             |
| 390840.03   | 3822690.24  | 43.16966   | (17091023) | 390818.93   |
| 3822680.95  | 43.46324    | (17091023) |            |             |
| 390797.82   | 3822671.66  | 43.24454   | (17091023) | 390776.72   |
| 3822662.38  | 42.52299    | (17091023) |            |             |
| 390755.62   | 3822653.09  | 41.32479   | (17091023) | 390734.52   |
| 3822643.80  | 39.69227    | (17091023) |            |             |
| 390713.42   | 3822634.51  | 37.81700   | (20111107) | 390692.32   |
| 3822625.22  | 40.59512    | (20111107) |            |             |
| 390671.22   | 3822615.93  | 43.06848   | (20111107) | 390650.12   |
| 3822606.64  | 45.16071    | (20111107) |            |             |
| 390629.01   | 3822597.35  | 46.80562   | (20111107) | 390607.91   |
| 3822588.06  | 47.94870    | (20111107) |            |             |
| 390586.81   | 3822578.77  | 48.55340   | (20111107) | 390565.71   |
| 3822569.48  | 48.60069    | (20111107) |            |             |
| 390544.61   | 3822560.19  | 48.09073   | (20111107) | 390523.51   |
| 3822550.91  | 47.04297    | (20111107) |            |             |
| 390502.41   | 3822541.62  | 45.49408   | (20111107) | 390481.31   |
| 3822532.33  | 43.49696    | (20111107) |            |             |
| 390460.20   | 3822523.04  | 41.11617   | (20111107) | 390439.10   |
| 3822513.75  | 39.59480    | (18011717) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390418.00  | 3822504.46          | 41.78358 | (18011717) | 390396.90 |
| 3822495.17 | 43.59390 (18011717) |          |            |           |
| 390375.80  | 3822485.88          | 44.96938 | (18011717) | 390354.70 |
| 3822476.59 | 45.86670 (18011717) |          |            |           |
| 390333.60  | 3822467.30          | 46.25788 | (18011717) | 390312.49 |
| 3822458.01 | 46.13158 (18011717) |          |            |           |
| 390291.39  | 3822448.72          | 45.49408 | (18011717) | 390270.29 |
| 3822439.44 | 44.36867 (18011717) |          |            |           |
| 390249.19  | 3822430.15          | 42.79336 | (18011717) | 390228.09 |
| 3822420.86 | 40.82014 (18011717) |          |            |           |
| 390206.99  | 3822411.57          | 38.51133 | (18011717) | 390185.89 |
| 3822402.28 | 35.93654 (18011717) |          |            |           |
| 390164.79  | 3822392.99          | 34.13417 | (18121508) | 390143.68 |
| 3822383.70 | 35.14368 (16031907) |          |            |           |
| 390122.58  | 3822374.41          | 36.16220 | (16031907) | 390101.48 |
| 3822365.12 | 36.80532 (16031907) |          |            |           |
| 390080.38  | 3822355.83          | 37.05395 | (16031907) | 390059.28 |
| 3822346.54 | 36.90173 (16031907) |          |            |           |
| 390038.18  | 3822337.25          | 36.35524 | (16031907) | 390017.08 |
| 3822327.97 | 35.43387 (16031907) |          |            |           |
| 389995.98  | 3822318.68          | 34.16772 | (16031907) | 389974.87 |
| 3822309.39 | 32.86417 (19062704) |          |            |           |
| 389953.77  | 3822300.10          | 35.28856 | (19062704) | 389932.67 |
| 3822290.81 | 37.48674 (19062704) |          |            |           |
| 389911.57  | 3822281.52          | 39.39817 | (19062704) | 389890.47 |
| 3822272.23 | 40.96859 (19062704) |          |            |           |
| 389869.37  | 3822262.94          | 42.15260 | (19062704) | 389848.27 |
| 3822253.65 | 42.91586 (19062704) |          |            |           |
| 389827.17  | 3822244.36          | 43.23675 | (19062704) | 389806.06 |
| 3822235.07 | 43.10723 (19062704) |          |            |           |
| 389784.96  | 3822225.79          | 42.53374 | (19062704) | 389763.86 |
| 3822216.50 | 41.53582 (19062704) |          |            |           |
| 389742.76  | 3822207.21          | 40.14572 | (19062704) | 389721.66 |
| 3822197.92 | 38.40644 (19062704) |          |            |           |
| 389700.56  | 3822188.63          | 36.36957 | (19062704) | 389679.46 |
| 3822179.34 | 34.38279 (20010717) |          |            |           |
| 389658.36  | 3822170.05          | 36.19341 | (20010717) | 389637.25 |
| 3822160.76 | 37.71194 (20010717) |          |            |           |
| 389616.15  | 3822151.47          | 38.89562 | (20010717) | 389595.05 |
| 3822142.18 | 39.71225 (20010717) |          |            |           |
| 389573.95  | 3822132.89          | 40.13960 | (20010717) | 389552.85 |
| 3822123.60 | 40.16698 (20010717) |          |            |           |
| 389531.75  | 3822114.32          | 39.79575 | (20010717) | 389510.65 |
| 3822105.03 | 39.03883 (20010717) |          |            |           |
| 389489.55  | 3822095.74          | 37.92030 | (20010717) | 389468.44 |
| 3822086.45 | 37.09149 (18122218) |          |            |           |
| 389447.34  | 3822077.16          | 37.58796 | (18122218) | 389426.24 |
| 3822067.87 | 37.71944 (18122218) |          |            |           |
| 389405.14  | 3822058.58          | 37.48406 | (18122218) | 389384.04 |
| 3822049.29 | 36.89061 (18122218) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389362.94  | 3822040.00 | 35.95802   | (18122218) | 389341.84 |
| 3822030.71 | 34.71435   | (18122218) |            |           |
| 389320.74  | 3822021.42 | 34.99898   | (16112518) | 389299.63 |
| 3822012.13 | 36.67946   | (17010720) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 797

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 389278.53   | 3822002.85  | 38.88500   | (17010720) | 389257.43   |
| 3821993.56  | 40.83078    | (17010720) |            |             |
| 389236.33   | 3821984.27  | 42.46726   | (17010720) | 389215.23   |
| 3821974.98  | 43.75281    | (17010720) |            |             |
| 389194.13   | 3821965.69  | 44.65468   | (17010720) | 389173.03   |
| 3821956.40  | 45.15035    | (17010720) |            |             |
| 389151.93   | 3821947.11  | 45.22850   | (17010720) | 389130.82   |
| 3821937.82  | 44.88919    | (17010720) |            |             |
| 389109.72   | 3821928.53  | 44.14445   | (17010720) | 389088.62   |
| 3821919.24  | 43.01676    | (17010720) |            |             |
| 389004.22   | 3821882.09  | 36.63710   | (18091303) | 388983.12   |
| 3821872.80  | 36.22325    | (18091303) |            |             |
| 388962.01   | 3821863.51  | 35.49558   | (18091303) | 388940.91   |
| 3821854.22  | 34.47557    | (18091303) |            |             |
| 388919.81   | 3821844.93  | 34.04200   | (18111302) | 388898.71   |
| 3821835.64  | 34.45902    | (18111302) |            |             |
| 388877.61   | 3821826.35  | 34.57516   | (18111302) | 388856.51   |
| 3821817.06  | 34.38925    | (18111302) |            |             |
| 388835.41   | 3821807.77  | 34.73485   | (18070504) | 388814.31   |
| 3821798.48  | 35.99547    | (18070504) |            |             |
| 388793.20   | 3821789.19  | 36.97886   | (18070504) | 388772.10   |
| 3821779.91  | 37.66145    | (18070504) |            |             |
| 388751.00   | 3821770.62  | 38.02891   | (18070504) | 388721.71   |
| 3821739.77  | 37.88315    | (18070504) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388713.52  | 3821718.22          | 37.34881 | (18070504) | 388705.34 |
| 3821696.67 | 37.18623 (19111222) |          |            |           |
| 388697.15  | 3821675.12          | 38.22918 | (19111222) | 388688.96 |
| 3821653.56 | 38.93997 (19111222) |          |            |           |
| 388680.77  | 3821632.01          | 39.29684 | (19111222) | 388672.59 |
| 3821610.46 | 39.28855 (19111222) |          |            |           |
| 388664.40  | 3821588.91          | 38.91338 | (19111222) | 388656.21 |
| 3821567.35 | 38.17973 (19111222) |          |            |           |
| 388648.02  | 3821545.80          | 37.10670 | (19111222) | 388639.83 |
| 3821524.25 | 35.72193 (19111222) |          |            |           |
| 388631.65  | 3821502.70          | 34.06175 | (19111222) | 388623.46 |
| 3821481.14 | 32.70903 (19112123) |          |            |           |
| 388615.27  | 3821459.59          | 34.58996 | (19112123) | 388607.08 |
| 3821438.04 | 36.23173 (19112123) |          |            |           |
| 388598.90  | 3821416.49          | 37.58914 | (19112123) | 388590.71 |
| 3821394.93 | 38.62448 (19112123) |          |            |           |
| 388582.52  | 3821373.38          | 39.30585 | (19112123) | 388574.33 |
| 3821351.83 | 39.61251 (19112123) |          |            |           |
| 388566.14  | 3821330.28          | 39.53382 | (19112123) | 388557.96 |
| 3821308.72 | 40.70215 (16022104) |          |            |           |
| 388549.77  | 3821287.17          | 42.38525 | (16022104) | 388541.58 |
| 3821265.62 | 43.70688 (16022104) |          |            |           |
| 388533.39  | 3821244.07          | 44.62766 | (16022104) | 388525.21 |
| 3821222.51 | 45.11907 (16022104) |          |            |           |
| 388517.02  | 3821200.96          | 45.16446 | (16022104) | 388508.83 |
| 3821179.41 | 44.76071 (16022104) |          |            |           |
| 388500.64  | 3821157.86          | 43.91792 | (16022104) | 388492.45 |
| 3821136.30 | 42.65866 (16022104) |          |            |           |
| 388484.27  | 3821114.75          | 43.46946 | (17010803) | 388476.08 |
| 3821093.20 | 44.06438 (17010803) |          |            |           |
| 388467.89  | 3821071.65          | 44.21770 | (17010803) | 388459.70 |
| 3821050.09 | 43.92283 (17010803) |          |            |           |
| 388451.52  | 3821028.54          | 43.18738 | (17010803) | 388443.33 |
| 3821006.99 | 43.43898 (16102117) |          |            |           |
| 388435.14  | 3820985.44          | 44.58124 | (16102117) | 388426.95 |
| 3820963.88 | 45.28709 (16102117) |          |            |           |
| 388418.76  | 3820942.33          | 45.53276 | (16102117) | 388410.58 |
| 3820920.78 | 45.30946 (16102117) |          |            |           |
| 388402.39  | 3820899.23          | 44.62207 | (16102117) | 388394.20 |
| 3820877.67 | 43.61524 (19112102) |          |            |           |
| 388386.01  | 3820856.12          | 44.84107 | (19112102) | 388377.83 |
| 3820834.57 | 45.62350 (19112102) |          |            |           |
| 388369.64  | 3820813.02          | 45.93698 | (19112102) | 388361.45 |
| 3820791.46 | 45.76972 (19112102) |          |            |           |
| 388353.26  | 3820769.91          | 45.12533 | (19112102) | 388345.07 |
| 3820748.36 | 44.02232 (19112102) |          |            |           |
| 388336.89  | 3820726.81          | 44.98608 | (20021308) | 388328.70 |
| 3820705.25 | 45.82162 (20021308) |          |            |           |
| 388320.51  | 3820683.70          | 46.17959 | (20021308) | 388312.32 |
| 3820662.15 | 46.04747 (20021308) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388304.14  | 3820640.59 | 45.42781   | (20021308) | 388295.95 |
| 3820619.04 | 44.33866   | (20021308) |            |           |
| 388287.76  | 3820597.49 | 45.18161   | (18022807) | 388279.57 |
| 3820575.94 | 46.04872   | (18022807) |            |           |
| 388271.38  | 3820554.38 | 46.43014   | (18022807) | 388263.20 |
| 3820532.83 | 46.31194   | (18022807) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 798

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 388255.01   | 3820511.28  | 45.69647   | (18022807) | 388246.82   |
| 3820489.73  | 44.60207    | (18022807) |            |             |
| 388238.63   | 3820468.17  | 43.06151   | (18022807) | 388230.45   |
| 3820446.62  | 41.12325    | (18022807) |            |             |
| 388222.26   | 3820425.07  | 40.40333   | (19022323) | 388214.07   |
| 3820403.52  | 40.29547    | (19022323) |            |             |
| 388205.88   | 3820381.96  | 42.34391   | (19122817) | 388197.69   |
| 3820360.41  | 44.11018    | (19122817) |            |             |
| 388189.51   | 3820338.86  | 45.44822   | (19122817) | 388181.32   |
| 3820317.31  | 46.31456    | (19122817) |            |             |
| 388173.13   | 3820295.75  | 46.67951   | (19122817) | 388164.94   |
| 3820274.20  | 46.52946    | (19122817) |            |             |
| 388156.76   | 3820252.65  | 45.86859   | (19122817) | 388148.57   |
| 3820231.10  | 44.71696    | (19122817) |            |             |
| 388140.38   | 3820209.54  | 44.01614   | (18120617) | 388132.19   |
| 3820187.99  | 44.82436    | (18120617) |            |             |
| 388124.00   | 3820166.44  | 45.14105   | (18120617) | 388115.82   |
| 3820144.89  | 44.95470    | (18120617) |            |             |
| 388107.63   | 3820123.33  | 44.26986   | (18120617) | 388099.44   |
| 3820101.78  | 43.32794    | (20120617) |            |             |
| 388091.25   | 3820080.23  | 44.57524   | (20120617) | 388083.07   |
| 3820058.68  | 45.34580    | (20120617) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388074.88  | 3820037.12 | 45.61319   | (20120617) | 388066.69 |
| 3820015.57 | 45.36701   | (20120617) |            |           |
| 388058.50  | 3819994.02 | 44.61476   | (20120617) | 388050.31 |
| 3819972.47 | 44.87024   | (19010818) |            |           |
| 388042.13  | 3819950.91 | 46.10270   | (19010818) | 388033.94 |
| 3819929.36 | 46.83450   | (19010818) |            |           |
| 388025.75  | 3819907.81 | 47.04051   | (19010818) | 388017.56 |
| 3819886.26 | 46.71284   | (19010818) |            |           |
| 388009.38  | 3819864.70 | 45.86156   | (19010818) | 388001.19 |
| 3819843.15 | 45.10256   | (17061502) |            |           |
| 387993.00  | 3819821.60 | 46.26704   | (17061502) | 387984.81 |
| 3819800.05 | 46.92237   | (17061502) |            |           |
| 387976.62  | 3819778.49 | 47.04553   | (17061502) | 387968.44 |
| 3819756.94 | 46.63160   | (17061502) |            |           |
| 387960.25  | 3819735.39 | 45.69382   | (17061502) | 387952.06 |
| 3819713.84 | 45.51144   | (19110606) |            |           |
| 387943.87  | 3819692.28 | 46.59995   | (19110606) | 387935.69 |
| 3819670.73 | 47.16842   | (19110606) |            |           |
| 387927.50  | 3819649.18 | 47.19743   | (19110606) | 387919.31 |
| 3819627.63 | 46.68526   | (19110606) |            |           |
| 387911.12  | 3819606.07 | 45.64836   | (19110606) | 387902.93 |
| 3819584.52 | 44.12206   | (19110606) |            |           |
| 387894.75  | 3819562.97 | 42.15681   | (19110606) | 387886.56 |
| 3819541.42 | 39.81501   | (19110606) |            |           |
| 387878.37  | 3819519.86 | 37.16876   | (19110606) | 387870.18 |
| 3819498.31 | 34.56097   | (17090904) |            |           |
| 387862.00  | 3819476.76 | 36.05991   | (17090904) | 387853.81 |
| 3819455.20 | 37.19107   | (17090904) |            |           |
| 387845.62  | 3819433.65 | 37.91495   | (17090904) | 387837.43 |
| 3819412.10 | 38.20707   | (17090904) |            |           |
| 387829.24  | 3819390.55 | 38.05706   | (17090904) | 387821.06 |
| 3819368.99 | 37.46973   | (17090904) |            |           |
| 387812.87  | 3819347.44 | 38.46155   | (18121622) | 387804.68 |
| 3819325.89 | 39.57415   | (18121622) |            |           |
| 387796.49  | 3819304.34 | 40.24819   | (18121622) | 387788.31 |
| 3819282.78 | 40.46043   | (18121622) |            |           |
| 387780.12  | 3819261.23 | 41.53162   | (16122217) | 387771.93 |
| 3819239.68 | 43.63305   | (16122217) |            |           |
| 387763.74  | 3819218.13 | 45.31009   | (16122217) | 387755.55 |
| 3819196.57 | 46.50723   | (16122217) |            |           |
| 387747.37  | 3819175.02 | 47.18265   | (16122217) | 387739.18 |
| 3819153.47 | 47.31368   | (16122217) |            |           |
| 387730.99  | 3819131.92 | 46.89565   | (16122217) | 387722.80 |
| 3819110.36 | 45.94257   | (16122217) |            |           |
| 387714.62  | 3819088.81 | 44.48816   | (16122217) | 387706.43 |
| 3819067.26 | 44.96011   | (18121517) |            |           |
| 387698.24  | 3819045.71 | 45.49949   | (18121517) | 387690.05 |
| 3819024.15 | 45.51207   | (18121517) |            |           |
| 387681.86  | 3819002.60 | 44.99748   | (18121517) | 387673.68 |
| 3818981.05 | 44.31568   | (17013018) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387665.49  | 3818959.50 | 45.79039   | (17013018) | 387657.30 |
| 3818937.94 | 46.76674   | (17013018) |            |           |
| 387649.11  | 3818916.39 | 47.21067   | (17013018) | 387640.93 |
| 3818894.84 | 47.10775   | (17013018) |            |           |
| 387632.74  | 3818873.29 | 46.46165   | (17013018) | 387624.55 |
| 3818851.73 | 45.29442   | (17013018) |            |           |
| 387616.36  | 3818830.18 | 45.97631   | (18102822) | 387608.18 |
| 3818808.63 | 46.84219   | (18102822) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 799

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 387599.99   | 3818787.08  | 46.30873   | (18102822) | 387591.80   |
| 3818765.52  | 44.81404    | (18102822) |            |             |
| 387583.61   | 3818743.97  | 42.65318   | (18102822) | 387575.42   |
| 3818722.42  | 40.22855    | (18102822) |            |             |
| 387567.24   | 3818700.87  | 37.44261   | (18102822) | 387559.05   |
| 3818679.31  | 34.35774    | (18102822) |            |             |
| 387550.86   | 3818657.76  | 31.37976   | (20011502) | 387542.67   |
| 3818636.21  | 30.15470    | (20011502) |            |             |
| 387534.49   | 3818614.66  | 28.68139   | (17111117) | 387526.30   |
| 3818593.10  | 28.59477    | (17111117) |            |             |
| 387518.11   | 3818571.55  | 28.14879   | (17111117) | 387509.92   |
| 3818550.00  | 27.32553    | (17111117) |            |             |
| 387501.73   | 3818528.45  | 26.25159   | (17111117) | 387493.55   |
| 3818506.89  | 25.00462    | (17111117) |            |             |
| 387485.36   | 3818485.34  | 23.64477   | (19120417) | 387477.17   |
| 3818463.79  | 23.55595    | (19120417) |            |             |
| 387468.98   | 3818442.24  | 23.18525   | (19120417) | 387460.80   |
| 3818420.68  | 22.59777    | (19120417) |            |             |
| 387452.61   | 3818399.13  | 21.84697   | (19120417) | 387444.42   |
| 3818377.58  | 20.92616    | (19120417) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387436.23  | 3818356.03 | 20.45540   | (16012605) | 387428.04 |
| 3818334.47 | 19.94418   | (16012605) |            |           |
| 387419.86  | 3818312.92 | 19.35044   | (16012605) | 387411.67 |
| 3818291.37 | 18.90211   | (16012605) |            |           |
| 387403.48  | 3818269.81 | 18.98015   | (16012605) | 387395.29 |
| 3818248.26 | 19.02633   | (16012605) |            |           |
| 387387.11  | 3818226.71 | 18.72834   | (16012605) | 387378.92 |
| 3818205.16 | 18.07862   | (16012605) |            |           |
| 387370.73  | 3818183.60 | 17.88790   | (16123017) | 387362.54 |
| 3818162.05 | 17.51141   | (16123017) |            |           |
| 387354.35  | 3818140.50 | 16.19302   | (16123017) | 387346.17 |
| 3818118.95 | 14.07892   | (16123017) |            |           |
| 387337.98  | 3818097.39 | 12.89882   | (16123017) | 387329.79 |
| 3818075.84 | 12.92085   | (16111417) |            |           |
| 387321.60  | 3818054.29 | 13.68344   | (16111417) | 387313.42 |
| 3818032.74 | 14.85266   | (16111417) |            |           |
| 387305.23  | 3818011.18 | 16.42579   | (16111417) | 387297.04 |
| 3817989.63 | 18.49948   | (16111417) |            |           |
| 387288.85  | 3817968.08 | 20.91098   | (16111417) | 387280.66 |
| 3817946.53 | 22.74411   | (16111417) |            |           |
| 387272.48  | 3817924.97 | 23.66759   | (16111417) | 387264.29 |
| 3817903.42 | 24.70770   | (19082401) |            |           |
| 387256.10  | 3817881.87 | 26.38701   | (17011704) | 387247.91 |
| 3817860.32 | 28.20086   | (17011704) |            |           |
| 387239.73  | 3817838.76 | 29.39025   | (17011704) | 387231.54 |
| 3817817.21 | 30.42970   | (17011704) |            |           |
| 387223.35  | 3817795.66 | 31.62159   | (17011704) | 387215.16 |
| 3817774.11 | 32.62644   | (17011704) |            |           |
| 387206.97  | 3817752.55 | 33.20918   | (17011704) | 387198.79 |
| 3817731.00 | 32.71108   | (17011704) |            |           |
| 387190.60  | 3817709.45 | 31.51999   | (17011704) | 387182.41 |
| 3817687.90 | 30.09331   | (17011704) |            |           |
| 387174.22  | 3817666.34 | 29.63554   | (18030604) | 387166.04 |
| 3817644.79 | 29.85504   | (18030604) |            |           |
| 387157.85  | 3817623.24 | 29.65541   | (18030604) | 387149.66 |
| 3817601.69 | 29.30548   | (18030604) |            |           |
| 387141.47  | 3817580.13 | 28.74085   | (18030604) | 387133.28 |
| 3817558.58 | 29.55794   | (17030222) |            |           |
| 387125.10  | 3817537.03 | 30.00700   | (17030222) | 387116.91 |
| 3817515.48 | 29.09582   | (17030222) |            |           |
| 387108.72  | 3817493.92 | 27.68700   | (17030222) | 387100.53 |
| 3817472.37 | 26.96597   | (17030222) |            |           |
| 387092.35  | 3817450.82 | 27.18104   | (19011117) | 387084.16 |
| 3817429.27 | 28.74090   | (19011117) |            |           |
| 387075.97  | 3817407.71 | 30.36823   | (19011117) | 387067.78 |
| 3817386.16 | 32.41192   | (19011117) |            |           |
| 387059.59  | 3817364.61 | 33.99917   | (19011117) | 387051.41 |
| 3817343.06 | 35.95367   | (19011117) |            |           |
| 387043.22  | 3817321.50 | 38.11111   | (19011117) | 387035.03 |
| 3817299.95 | 39.76201   | (19011117) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387026.84  | 3817278.40 | 40.48749   | (19011117) | 387018.66 |
| 3817256.85 | 38.46878   | (19011117) |            |           |
| 387010.47  | 3817235.29 | 36.08431   | (19011117) | 387002.28 |
| 3817213.74 | 34.10234   | (19120324) |            |           |
| 386994.09  | 3817192.19 | 33.40077   | (19120324) | 386985.90 |
| 3817170.64 | 32.65021   | (16111707) |            |           |
| 386977.72  | 3817149.08 | 33.38307   | (16111707) | 386969.53 |
| 3817127.53 | 33.15312   | (16111707) |            |           |
| 386961.34  | 3817105.98 | 32.11786   | (16111707) | 386953.15 |
| 3817084.42 | 31.89475   | (16111707) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 800

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 386944.97   | 3817062.87  | 34.10784   | (18111703) | 386936.78   |
| 3817041.32  | 36.97450    | (18111703) |            |             |
| 386928.59   | 3817019.77  | 37.56907   | (18111703) | 386920.40   |
| 3816998.21  | 36.49565    | (18111703) |            |             |
| 386912.21   | 3816976.66  | 34.01301   | (18111703) | 386904.03   |
| 3816955.11  | 31.07968    | (18111703) |            |             |
| 386895.84   | 3816933.56  | 28.12584   | (18111703) | 386887.65   |
| 3816912.00  | 27.01817    | (16062705) |            |             |
| 386879.46   | 3816890.45  | 26.99404   | (16062705) | 386871.28   |
| 3816868.90  | 26.67827    | (16062705) |            |             |
| 386773.02   | 3816610.27  | 33.76132   | (17011306) | 386764.83   |
| 3816588.72  | 32.77188    | (17011306) |            |             |
| 386756.65   | 3816567.16  | 30.57124   | (17011306) | 386748.46   |
| 3816545.61  | 28.10469    | (17011306) |            |             |
| 386740.27   | 3816524.06  | 26.61027   | (17011306) | 386732.08   |
| 3816502.51  | 27.18772    | (17011306) |            |             |
| 386723.90   | 3816480.95  | 29.56389   | (19110706) | 386715.71   |
| 3816459.40  | 32.31543    | (19110706) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 386707.52  | 3816437.85          | 34.62518 | (19110706) | 386699.33 |
| 3816416.30 | 35.78132 (19110706) |          |            |           |
| 386691.14  | 3816394.74          | 35.23675 | (19110706) | 386682.96 |
| 3816373.19 | 33.92101 (19110706) |          |            |           |
| 386674.77  | 3816351.64          | 32.93926 | (19110706) | 386666.58 |
| 3816330.09 | 31.54118 (19110706) |          |            |           |
| 386658.39  | 3816308.53          | 28.59433 | (19110706) | 386650.21 |
| 3816286.98 | 25.28184 (18010218) |          |            |           |
| 386642.02  | 3816265.43          | 23.77678 | (18010218) | 386633.83 |
| 3816243.88 | 23.05270 (18010218) |          |            |           |
| 386625.64  | 3816222.32          | 25.01891 | (18010804) | 386617.45 |
| 3816200.77 | 26.84398 (18010804) |          |            |           |
| 386609.27  | 3816179.22          | 28.29360 | (18010804) | 386601.08 |
| 3816157.67 | 29.89372 (18010804) |          |            |           |
| 386592.89  | 3816136.11          | 31.24009 | (18010804) | 386584.70 |
| 3816114.56 | 32.40623 (18010804) |          |            |           |
| 394348.71  | 3824205.63          | 19.64517 | (18010220) | 394371.76 |
| 3824206.05 | 18.98511 (18010220) |          |            |           |
| 394394.82  | 3824206.47          | 18.15875 | (18010220) | 394417.88 |
| 3824206.89 | 17.61834 (19122906) |          |            |           |
| 394440.94  | 3824207.31          | 17.61849 | (19122906) | 394464.00 |
| 3824207.73 | 17.39345 (19122906) |          |            |           |
| 394487.05  | 3824208.14          | 17.00311 | (19122906) | 392821.96 |
| 3824906.50 | 22.18607 (17112921) |          |            |           |
| 392800.88  | 3824897.22          | 24.19255 | (17112921) | 392779.80 |
| 3824887.94 | 25.01820 (17112921) |          |            |           |
| 392758.73  | 3824878.66          | 24.90298 | (17112921) | 392737.65 |
| 3824869.38 | 24.56428 (17112921) |          |            |           |
| 392716.57  | 3824860.10          | 24.14621 | (17112921) | 392695.49 |
| 3824850.83 | 24.88533 (18012218) |          |            |           |
| 392674.41  | 3824841.55          | 25.46409 | (18012218) | 392653.33 |
| 3824832.27 | 25.92536 (18012218) |          |            |           |
| 392632.25  | 3824822.99          | 26.38049 | (18012218) | 392611.17 |
| 3824813.71 | 26.38532 (18012218) |          |            |           |
| 392590.10  | 3824804.43          | 26.04918 | (19110502) | 392569.02 |
| 3824795.15 | 26.81195 (19110502) |          |            |           |
| 392547.94  | 3824785.87          | 27.72045 | (19110502) | 392526.86 |
| 3824776.59 | 28.74112 (19110502) |          |            |           |
| 392505.78  | 3824767.31          | 28.86136 | (19110502) | 392484.70 |
| 3824758.03 | 28.80671 (19110502) |          |            |           |
| 392463.62  | 3824748.75          | 29.02995 | (19110502) | 392442.54 |
| 3824739.47 | 29.54917 (19110502) |          |            |           |
| 392421.47  | 3824730.20          | 29.51909 | (19110502) | 392400.39 |
| 3824720.92 | 30.12675 (16032003) |          |            |           |
| 392379.31  | 3824711.64          | 30.73869 | (16032003) | 392358.23 |
| 3824702.36 | 31.52562 (16032003) |          |            |           |
| 392337.15  | 3824693.08          | 32.42048 | (16032003) | 392316.07 |
| 3824683.80 | 32.25955 (16032003) |          |            |           |
| 392294.99  | 3824674.52          | 31.47695 | (16032003) | 392273.91 |
| 3824665.24 | 31.29172 (19122402) |          |            |           |





|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391662.63  | 3824396.14 | 36.18342   | (20091423) | 391641.55 |
| 3824386.86 | 36.06108   | (20091423) |            |           |
| 391620.47  | 3824377.58 | 35.60303   | (20091423) | 391599.40 |
| 3824368.31 | 35.85347   | (18100905) |            |           |
| 391578.32  | 3824359.03 | 36.93271   | (18100905) | 391557.24 |
| 3824349.75 | 37.68843   | (18100905) |            |           |
| 391536.16  | 3824340.47 | 38.09964   | (18100905) | 391515.08 |
| 3824331.19 | 38.15479   | (18100905) |            |           |
| 391494.00  | 3824321.91 | 37.85226   | (18100905) | 391472.92 |
| 3824312.63 | 37.20045   | (18100905) |            |           |
| 391451.84  | 3824303.35 | 36.21742   | (18100905) | 391430.77 |
| 3824294.07 | 34.93063   | (18100905) |            |           |
| 391409.69  | 3824284.79 | 33.37344   | (18100905) | 391388.61 |
| 3824275.51 | 33.36578   | (20022707) |            |           |
| 391367.53  | 3824266.23 | 35.36262   | (20022707) | 391346.45 |
| 3824256.95 | 37.12765   | (20022707) |            |           |
| 391325.37  | 3824247.68 | 38.61521   | (20022707) | 391304.29 |
| 3824238.40 | 39.78649   | (20022707) |            |           |
| 391283.21  | 3824229.12 | 40.60939   | (20022707) | 391262.14 |
| 3824219.84 | 41.06118   | (20022707) |            |           |
| 391241.06  | 3824210.56 | 41.12965   | (20022707) | 391219.98 |
| 3824201.28 | 40.81276   | (20022707) |            |           |
| 391198.90  | 3824192.00 | 40.11951   | (20022707) | 391177.82 |
| 3824182.72 | 39.06926   | (20022707) |            |           |
| 391156.74  | 3824173.44 | 37.69086   | (20022707) | 391135.66 |
| 3824164.16 | 36.02129   | (20022707) |            |           |
| 391114.59  | 3824154.88 | 34.10489   | (20022707) | 391093.51 |
| 3824145.60 | 35.26545   | (20011802) |            |           |
| 391072.43  | 3824136.32 | 37.03366   | (20011802) | 391051.35 |
| 3824127.05 | 38.52679   | (20011802) |            |           |
| 391030.27  | 3824117.77 | 39.70627   | (20011802) | 391009.19 |
| 3824108.49 | 40.54007   | (20011802) |            |           |
| 390988.11  | 3824099.21 | 41.00550   | (20011802) | 390967.03 |
| 3824089.93 | 41.08993   | (20011802) |            |           |
| 390945.96  | 3824080.65 | 40.79152   | (20011802) | 390924.88 |
| 3824071.37 | 40.11860   | (20011802) |            |           |
| 390903.80  | 3824062.09 | 39.09014   | (20011802) | 390882.72 |
| 3824052.81 | 40.05907   | (19120105) |            |           |
| 390861.64  | 3824043.53 | 40.72120   | (19120105) | 390840.56 |
| 3824034.25 | 41.01004   | (19120105) |            |           |
| 390819.48  | 3824024.97 | 40.91798   | (19120105) | 390798.40 |
| 3824015.69 | 40.44798   | (19120105) |            |           |
| 390777.33  | 3824006.42 | 39.61398   | (19120105) | 390756.25 |
| 3823997.14 | 38.43823   | (19120105) |            |           |
| 390735.17  | 3823987.86 | 39.18251   | (19120504) | 390714.09 |
| 3823978.58 | 39.66290   | (19120504) |            |           |
| 390693.01  | 3823969.30 | 39.77863   | (19120504) | 390671.93 |
| 3823960.02 | 39.52698   | (19120504) |            |           |
| 390650.85  | 3823950.74 | 38.91536   | (19120504) | 390629.77 |
| 3823941.46 | 38.66277   | (17031323) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390608.70  | 3823932.18 | 39.70701   | (17031323) | 390587.62 |
| 3823922.90 | 40.40504   | (17031323) |            |           |
| 390566.54  | 3823913.62 | 40.73796   | (17031323) | 390545.46 |
| 3823904.34 | 40.69720   | (17031323) |            |           |
| 390524.38  | 3823895.06 | 40.28445   | (17031323) | 390503.30 |
| 3823885.79 | 39.51173   | (17031323) |            |           |
| 390482.22  | 3823876.51 | 39.07609   | (16121406) | 390334.67 |
| 3823811.55 | 37.83928   | (16121406) |            |           |
| 390313.59  | 3823802.27 | 36.31989   | (16121406) | 390292.52 |
| 3823792.99 | 35.11409   | (20020718) |            |           |
| 390271.44  | 3823783.71 | 35.15347   | (20020718) | 390250.36 |
| 3823774.43 | 34.87613   | (20020718) |            |           |
| 390229.28  | 3823765.16 | 34.29029   | (20020718) | 390208.20 |
| 3823755.88 | 34.20912   | (17091023) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 802

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390187.12   | 3823746.60  | 35.07706   | (17091023) | 390166.04   |
| 3823737.32  | 35.64462    | (17091023) |            |             |
| 390144.96   | 3823728.04  | 35.89742   | (17091023) | 390123.89   |
| 3823718.76  | 35.82952    | (17091023) |            |             |
| 390102.81   | 3823709.48  | 35.44337   | (17091023) | 390081.73   |
| 3823700.20  | 34.74993    | (17091023) |            |             |
| 390060.65   | 3823690.92  | 33.76809   | (17091023) | 390039.57   |
| 3823681.64  | 32.52381    | (17091023) |            |             |
| 390018.49   | 3823672.36  | 31.04900   | (17091023) | 389997.41   |
| 3823663.08  | 32.92710    | (20111107) |            |             |
| 389976.33   | 3823653.80  | 34.78895   | (20111107) | 389955.26   |
| 3823644.53  | 36.42999    | (20111107) |            |             |
| 389934.18   | 3823635.25  | 37.81309   | (20111107) | 389913.10   |
| 3823625.97  | 38.90340    | (20111107) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389892.02  | 3823616.69 | 39.67398   | (20111107) | 389870.94 |
| 3823607.41 | 40.10579   | (20111107) |            |           |
| 389849.86  | 3823598.13 | 40.18852   | (20111107) | 389828.78 |
| 3823588.85 | 39.92095   | (20111107) |            |           |
| 389807.70  | 3823579.57 | 39.31101   | (20111107) | 389786.63 |
| 3823570.29 | 38.37575   | (20111107) |            |           |
| 389765.55  | 3823561.01 | 37.13909   | (20111107) | 389744.47 |
| 3823551.73 | 35.63287   | (20111107) |            |           |
| 389723.39  | 3823542.45 | 33.89424   | (20111107) | 389702.31 |
| 3823533.17 | 32.14850   | (18011717) |            |           |
| 389681.23  | 3823523.90 | 33.80868   | (18011717) | 389660.15 |
| 3823514.62 | 35.24901   | (18011717) |            |           |
| 389639.07  | 3823505.34 | 36.43527   | (18011717) | 389618.00 |
| 3823496.06 | 37.33898   | (18011717) |            |           |
| 389596.92  | 3823486.78 | 37.93914   | (18011717) | 389575.84 |
| 3823477.50 | 38.22121   | (18011717) |            |           |
| 389554.76  | 3823468.22 | 38.17906   | (18011717) | 389533.68 |
| 3823458.94 | 37.81479   | (18011717) |            |           |
| 389512.60  | 3823449.66 | 37.13860   | (18011717) | 389491.52 |
| 3823440.38 | 36.16832   | (18011717) |            |           |
| 389470.44  | 3823431.10 | 34.92865   | (18011717) | 389449.37 |
| 3823421.82 | 33.45069   | (18011717) |            |           |
| 389428.29  | 3823412.54 | 31.76845   | (18011717) | 389407.21 |
| 3823403.27 | 29.92123   | (18011717) |            |           |
| 389386.13  | 3823393.99 | 28.32461   | (18121508) | 389365.05 |
| 3823384.71 | 28.40185   | (16031907) |            |           |
| 389343.97  | 3823375.43 | 29.29216   | (16031907) | 389322.89 |
| 3823366.15 | 29.96013   | (16031907) |            |           |
| 389301.82  | 3823356.87 | 30.39031   | (16031907) | 389280.74 |
| 3823347.59 | 30.57333   | (16031907) |            |           |
| 389259.66  | 3823338.31 | 30.50541   | (16031907) | 389238.58 |
| 3823329.03 | 30.18912   | (16031907) |            |           |
| 389217.50  | 3823319.75 | 29.63305   | (16031907) | 389196.42 |
| 3823310.47 | 28.85144   | (16031907) |            |           |
| 389175.34  | 3823301.19 | 27.86356   | (16031907) | 389154.26 |
| 3823291.91 | 27.02054   | (19062704) |            |           |
| 389133.19  | 3823282.64 | 28.78060   | (19062704) | 389112.11 |
| 3823273.36 | 30.40776   | (19062704) |            |           |
| 389091.03  | 3823264.08 | 31.86716   | (19062704) | 389069.95 |
| 3823254.80 | 33.12766   | (19062704) |            |           |
| 389048.87  | 3823245.52 | 34.16181   | (19062704) | 389027.79 |
| 3823236.24 | 34.94684   | (19062704) |            |           |
| 389006.71  | 3823226.96 | 35.46547   | (19062704) | 388985.63 |
| 3823217.68 | 35.70660   | (19062704) |            |           |
| 388964.56  | 3823208.40 | 35.66573   | (19062704) | 388943.48 |
| 3823199.12 | 35.34489   | (19062704) |            |           |
| 388922.40  | 3823189.84 | 34.75273   | (19062704) | 388901.32 |
| 3823180.56 | 33.90404   | (19062704) |            |           |
| 388880.24  | 3823171.28 | 32.81921   | (19062704) | 388859.16 |
| 3823162.01 | 31.52375   | (19062704) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388838.08  | 3823152.73 | 30.04587   | (19062704) | 388817.00 |
| 3823143.45 | 28.41755   | (19062704) |            |           |
| 388795.93  | 3823134.17 | 29.20577   | (20010717) | 388774.85 |
| 3823124.89 | 30.41418   | (20010717) |            |           |
| 388753.77  | 3823115.61 | 31.42842   | (20010717) | 388732.69 |
| 3823106.33 | 32.22721   | (20010717) |            |           |
| 388711.61  | 3823097.05 | 32.79377   | (20010717) | 388690.53 |
| 3823087.77 | 33.11643   | (20010717) |            |           |
| 388669.45  | 3823078.49 | 33.18897   | (20010717) | 388648.37 |
| 3823069.21 | 33.01085   | (20010717) |            |           |
| 388627.30  | 3823059.93 | 32.58740   | (20010717) | 388606.22 |
| 3823050.65 | 31.92884   | (20010717) |            |           |
| 388585.14  | 3823041.38 | 31.05107   | (20010717) | 388564.06 |
| 3823032.10 | 30.61230   | (18122218) |            |           |
| 388542.98  | 3823022.82 | 30.98647   | (18122218) | 388521.90 |
| 3823013.54 | 31.13276   | (18122218) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 803

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388500.82   | 3823004.26  | 31.04901   | (18122218) | 388479.75   |
| 3822994.98  | 30.73827    | (18122218) |            |             |
| 388458.67   | 3822985.70  | 30.20814   | (18122218) | 388437.59   |
| 3822976.42  | 29.47117    | (18122218) |            |             |
| 388416.51   | 3822967.14  | 28.54397   | (18122218) | 388395.43   |
| 3822957.86  | 28.82125    | (16112518) |            |             |
| 388374.35   | 3822948.58  | 29.55151   | (17010720) | 388353.27   |
| 3822939.30  | 31.21038    | (17010720) |            |             |
| 388332.19   | 3822930.02  | 32.72309   | (17010720) | 388311.12   |
| 3822920.75  | 34.06044    | (17010720) |            |             |
| 388290.04   | 3822911.47  | 35.19868   | (17010720) | 388268.96   |
| 3822902.19  | 36.11483    | (17010720) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388247.88  | 3822892.91 | 36.79114   | (17010720) | 388226.80 |
| 3822883.63 | 37.21475   | (17010720) |            |           |
| 388205.72  | 3822874.35 | 37.37803   | (17010720) | 388184.64 |
| 3822865.07 | 37.27886   | (17010720) |            |           |
| 388163.56  | 3822855.79 | 36.92061   | (17010720) | 388142.49 |
| 3822846.51 | 36.31228   | (17010720) |            |           |
| 388058.17  | 3822809.39 | 31.71301   | (17010720) | 388037.09 |
| 3822800.12 | 30.31121   | (18091303) |            |           |
| 388016.01  | 3822790.84 | 30.16108   | (18091303) | 387994.93 |
| 3822781.56 | 29.80843   | (18091303) |            |           |
| 387973.86  | 3822772.28 | 29.26163   | (18091303) | 387952.78 |
| 3822763.00 | 28.53215   | (18091303) |            |           |
| 387931.70  | 3822753.72 | 27.91386   | (18111302) | 387910.62 |
| 3822744.44 | 28.29664   | (18111302) |            |           |
| 387889.54  | 3822735.16 | 28.49314   | (18111302) | 387868.46 |
| 3822725.88 | 28.50046   | (18111302) |            |           |
| 387847.38  | 3822716.60 | 28.31947   | (18111302) | 387826.30 |
| 3822707.32 | 28.57086   | (18070504) |            |           |
| 387805.23  | 3822698.04 | 29.50564   | (18070504) | 387784.15 |
| 3822688.76 | 30.27073   | (18070504) |            |           |
| 387754.89  | 3822657.96 | 31.32459   | (18070504) | 387746.71 |
| 3822636.43 | 31.58422   | (18070504) |            |           |
| 387738.53  | 3822614.90 | 31.62465   | (18070504) | 387730.35 |
| 3822593.37 | 31.44405   | (18070504) |            |           |
| 387722.17  | 3822571.84 | 31.04521   | (18070504) | 387713.99 |
| 3822550.31 | 30.64286   | (19111222) |            |           |
| 387705.82  | 3822528.78 | 31.47347   | (19111222) | 387697.64 |
| 3822507.25 | 32.09931   | (19111222) |            |           |
| 387689.46  | 3822485.72 | 32.50618   | (19111222) | 387681.28 |
| 3822464.19 | 32.68452   | (19111222) |            |           |
| 387673.10  | 3822442.66 | 32.62953   | (19111222) | 387664.92 |
| 3822421.13 | 32.34140   | (19111222) |            |           |
| 387656.74  | 3822399.60 | 31.82531   | (19111222) | 387648.56 |
| 3822378.07 | 31.09128   | (19111222) |            |           |
| 387640.38  | 3822356.54 | 30.15389   | (19111222) | 387632.20 |
| 3822335.01 | 29.03175   | (19111222) |            |           |
| 387624.03  | 3822313.48 | 27.74732   | (19111222) | 387615.85 |
| 3822291.95 | 27.23013   | (19112123) |            |           |
| 387607.67  | 3822270.42 | 28.60290   | (19112123) | 387599.49 |
| 3822248.90 | 29.82587   | (19112123) |            |           |
| 387591.31  | 3822227.37 | 30.87450   | (19112123) | 387583.13 |
| 3822205.84 | 31.72566   | (19112123) |            |           |
| 387574.95  | 3822184.31 | 32.36032   | (19112123) | 387566.77 |
| 3822162.78 | 32.76376   | (19112123) |            |           |
| 387558.59  | 3822141.25 | 32.92615   | (19112123) | 387550.41 |
| 3822119.72 | 32.84292   | (19112123) |            |           |
| 387542.23  | 3822098.19 | 33.53267   | (16022104) | 387534.06 |
| 3822076.66 | 34.82069   | (16022104) |            |           |
| 387525.88  | 3822055.13 | 35.88827   | (16022104) | 387517.70 |
| 3822033.60 | 36.71107   | (16022104) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387509.52  | 3822012.07 | 37.26994   | (16022104) | 387501.34 |
| 3821990.54 | 37.55132   | (16022104) |            |           |
| 387493.16  | 3821969.01 | 37.54781   | (16022104) | 387484.98 |
| 3821947.48 | 37.25842   | (16022104) |            |           |
| 387476.80  | 3821925.95 | 36.68870   | (16022104) | 387468.62 |
| 3821904.42 | 35.85057   | (16022104) |            |           |
| 387460.44  | 3821882.89 | 35.71323   | (17010803) | 387452.27 |
| 3821861.36 | 36.33785   | (17010803) |            |           |
| 387444.09  | 3821839.83 | 36.68907   | (17010803) | 387435.91 |
| 3821818.30 | 36.75765   | (17010803) |            |           |
| 387427.73  | 3821796.78 | 36.54113   | (17010803) | 387419.55 |
| 3821775.25 | 36.04343   | (17010803) |            |           |
| 387411.37  | 3821753.72 | 35.65485   | (16102117) | 387403.19 |
| 3821732.19 | 36.62788   | (16102117) |            |           |
| 387395.01  | 3821710.66 | 37.33395   | (16102117) | 387386.83 |
| 3821689.13 | 37.75583   | (16102117) |            |           |
| 387378.65  | 3821667.60 | 37.88267   | (16102117) | 387370.48 |
| 3821646.07 | 37.71065   | (16102117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 804

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387362.30   | 3821624.54  | 37.24266   | (16102117) | 387354.12   |
| 3821603.01  | 36.48884    | (16102117) |            |             |
| 387345.94   | 3821581.48  | 36.81543   | (19112102) | 387337.76   |
| 3821559.95  | 37.57328    | (19112102) |            |             |
| 387329.58   | 3821538.42  | 38.04179   | (19112102) | 387321.40   |
| 3821516.89  | 38.20890    | (19112102) |            |             |
| 387313.22   | 3821495.36  | 38.06968   | (19112102) | 387305.04   |
| 3821473.83  | 37.62654    | (19112102) |            |             |
| 387296.86   | 3821452.30  | 36.88918   | (19112102) | 387288.69   |
| 3821430.77  | 36.93499    | (20021308) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387280.51  | 3821409.24 | 37.72637   | (20021308) | 387272.33 |
| 3821387.71 | 38.22362   | (20021308) |            |           |
| 387264.15  | 3821366.19 | 38.41385   | (20021308) | 387255.97 |
| 3821344.66 | 38.29174   | (20021308) |            |           |
| 387247.79  | 3821323.13 | 37.85924   | (20021308) | 387239.61 |
| 3821301.60 | 37.12597   | (20021308) |            |           |
| 387231.43  | 3821280.07 | 37.10431   | (18022807) | 387223.25 |
| 3821258.54 | 37.91406   | (18022807) |            |           |
| 387215.07  | 3821237.01 | 38.42423   | (18022807) | 387206.89 |
| 3821215.48 | 38.62156   | (18022807) |            |           |
| 387198.72  | 3821193.95 | 38.50046   | (18022807) | 387190.54 |
| 3821172.42 | 38.06293   | (18022807) |            |           |
| 387182.36  | 3821150.89 | 37.31899   | (18022807) | 387174.18 |
| 3821129.36 | 36.28600   | (18022807) |            |           |
| 387166.00  | 3821107.83 | 34.98811   | (18022807) | 387157.82 |
| 3821086.30 | 33.45525   | (18022807) |            |           |
| 387149.64  | 3821064.77 | 33.58891   | (19022323) | 387141.46 |
| 3821043.24 | 33.47162   | (19022323) |            |           |
| 387133.28  | 3821021.71 | 34.94907   | (19122817) | 387125.10 |
| 3821000.18 | 36.30035   | (19122817) |            |           |
| 387116.93  | 3820978.65 | 37.38846   | (19122817) | 387108.75 |
| 3820957.12 | 38.18673   | (19122817) |            |           |
| 387100.57  | 3820935.59 | 38.67451   | (19122817) | 387092.39 |
| 3820914.07 | 38.83885   | (19122817) |            |           |
| 387084.21  | 3820892.54 | 38.67506   | (19122817) | 387076.03 |
| 3820871.01 | 38.18642   | (19122817) |            |           |
| 387067.85  | 3820849.48 | 37.38456   | (19122817) | 387059.67 |
| 3820827.95 | 36.28881   | (19122817) |            |           |
| 387051.49  | 3820806.42 | 36.98048   | (18120617) | 387043.31 |
| 3820784.89 | 37.41955   | (18120617) |            |           |
| 387035.14  | 3820763.36 | 37.54180   | (18120617) | 387026.96 |
| 3820741.83 | 37.34342   | (18120617) |            |           |
| 387018.78  | 3820720.30 | 36.82887   | (18120617) | 387010.60 |
| 3820698.77 | 36.01063   | (18120617) |            |           |
| 387002.42  | 3820677.24 | 36.74673   | (20120617) | 386994.24 |
| 3820655.71 | 37.45876   | (20120617) |            |           |
| 386986.06  | 3820634.18 | 37.85721   | (20120617) | 386977.88 |
| 3820612.65 | 37.93131   | (20120617) |            |           |
| 386969.70  | 3820591.12 | 37.67859   | (20120617) | 386961.52 |
| 3820569.59 | 37.10502   | (20120617) |            |           |
| 386953.35  | 3820548.06 | 37.06330   | (19010818) | 386945.17 |
| 3820526.53 | 38.05556   | (19010818) |            |           |
| 386936.99  | 3820505.00 | 38.73698   | (19010818) | 386928.81 |
| 3820483.47 | 39.08963   | (19010818) |            |           |
| 386920.63  | 3820461.95 | 39.10392   | (19010818) | 386912.45 |
| 3820440.42 | 38.77902   | (19010818) |            |           |
| 386904.27  | 3820418.89 | 38.12279   | (19010818) | 386896.09 |
| 3820397.36 | 37.30831   | (17061502) |            |           |
| 386887.91  | 3820375.83 | 38.24413   | (17061502) | 386879.73 |
| 3820354.30 | 38.86233   | (17061502) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386871.55  | 3820332.77 | 39.14651   | (17061502) | 386863.38 |
| 3820311.24 | 39.08891   | (17061502) |            |           |
| 386855.20  | 3820289.71 | 38.69049   | (17061502) | 386847.02 |
| 3820268.18 | 37.96127   | (17061502) |            |           |
| 386838.84  | 3820246.65 | 37.68238   | (19110606) | 386830.66 |
| 3820225.12 | 38.55470   | (19110606) |            |           |
| 386822.48  | 3820203.59 | 39.10179   | (19110606) | 386814.30 |
| 3820182.06 | 39.30906   | (19110606) |            |           |
| 386806.12  | 3820160.53 | 39.17069   | (19110606) | 386797.94 |
| 3820139.00 | 38.68999   | (19110606) |            |           |
| 386789.76  | 3820117.47 | 37.87921   | (19110606) | 386781.59 |
| 3820095.94 | 36.75933   | (19110606) |            |           |
| 386773.41  | 3820074.41 | 35.35809   | (19110606) | 386765.23 |
| 3820052.88 | 33.71035   | (19110606) |            |           |
| 386757.05  | 3820031.36 | 31.85645   | (19110606) | 386748.87 |
| 3820009.83 | 29.83790   | (19110606) |            |           |
| 386740.69  | 3819988.30 | 28.92665   | (17090904) | 386732.51 |
| 3819966.77 | 29.99540   | (17090904) |            |           |
| 386724.33  | 3819945.24 | 30.82911   | (17090904) | 386716.15 |
| 3819923.71 | 31.40618   | (17090904) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 805

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 386707.97   | 3819902.18  | 31.71137   | (17090904) | 386699.80   |
| 3819880.65  | 31.73652    | (17090904) |            |             |
| 386691.62   | 3819859.12  | 31.48075   | (17090904) | 386683.44   |
| 3819837.59  | 30.95598    | (18121622) |            |             |
| 386675.26   | 3819816.06  | 32.02547   | (18121622) | 386667.08   |
| 3819794.53  | 32.83858    | (18121622) |            |             |
| 386658.90   | 3819773.00  | 33.37413   | (18121622) | 386650.72   |
| 3819751.47  | 33.61795    | (18121622) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 386642.54  | 3819729.94          | 33.56348 | (18121622) | 386634.36 |
| 3819708.41 | 35.02926 (16122217) |          |            |           |
| 386626.18  | 3819686.88          | 36.21779 | (16122217) | 386618.01 |
| 3819665.35 | 37.04396 (16122217) |          |            |           |
| 386609.83  | 3819643.82          | 37.55424 | (16122217) | 386601.65 |
| 3819622.29 | 37.73418 (16122217) |          |            |           |
| 386593.47  | 3819600.76          | 37.47170 | (16122217) | 386585.29 |
| 3819579.24 | 36.74126 (16122217) |          |            |           |
| 386577.11  | 3819557.71          | 35.72906 | (16122217) | 386568.93 |
| 3819536.18 | 34.49902 (16122217) |          |            |           |
| 386560.75  | 3819514.65          | 33.19671 | (18121517) | 386552.57 |
| 3819493.12 | 33.79970 (18121517) |          |            |           |
| 386544.39  | 3819471.59          | 34.21882 | (18121517) | 386536.21 |
| 3819450.06 | 34.09993 (18121517) |          |            |           |
| 386528.04  | 3819428.53          | 33.52781 | (18121517) | 386519.86 |
| 3819407.00 | 32.61379 (18121517) |          |            |           |
| 386511.68  | 3819385.47          | 32.33392 | (17013018) | 386503.50 |
| 3819363.94 | 33.30542 (17013018) |          |            |           |
| 386495.32  | 3819342.41          | 34.05454 | (17013018) | 386487.14 |
| 3819320.88 | 34.23467 (17013018) |          |            |           |
| 386478.96  | 3819299.35          | 33.89951 | (17013018) | 386470.78 |
| 3819277.82 | 33.29984 (17013018) |          |            |           |
| 386462.60  | 3819256.29          | 32.43387 | (17013018) | 386454.42 |
| 3819234.76 | 31.46283 (18102822) |          |            |           |
| 386446.25  | 3819213.23          | 31.93942 | (18102822) | 386438.07 |
| 3819191.70 | 32.13509 (18102822) |          |            |           |
| 386429.89  | 3819170.17          | 32.01806 | (18102822) | 386421.71 |
| 3819148.64 | 31.64862 (18102822) |          |            |           |
| 386413.53  | 3819127.12          | 31.00294 | (18102822) | 386405.35 |
| 3819105.59 | 30.09425 (18102822) |          |            |           |
| 386397.17  | 3819084.06          | 28.95403 | (18102822) | 386388.99 |
| 3819062.53 | 27.60399 (18102822) |          |            |           |
| 386380.81  | 3819041.00          | 25.91314 | (18102822) | 386372.63 |
| 3819019.47 | 24.29744 (20011502) |          |            |           |
| 386364.46  | 3818997.94          | 23.60674 | (20011502) | 386356.28 |
| 3818976.41 | 22.76916 (20011502) |          |            |           |
| 386348.10  | 3818954.88          | 22.69298 | (17111117) | 386339.92 |
| 3818933.35 | 22.79211 (17111117) |          |            |           |
| 386331.74  | 3818911.82          | 22.91305 | (17111117) | 386323.56 |
| 3818890.29 | 23.09222 (17111117) |          |            |           |
| 386315.38  | 3818868.76          | 23.13400 | (17111117) | 386307.20 |
| 3818847.23 | 23.00708 (17111117) |          |            |           |
| 386299.02  | 3818825.70          | 22.95677 | (17111117) | 386290.84 |
| 3818804.17 | 24.37536 (19120417) |          |            |           |
| 386282.67  | 3818782.64          | 25.78812 | (19120417) | 386274.49 |
| 3818761.11 | 26.51123 (19120417) |          |            |           |
| 386266.31  | 3818739.58          | 26.70953 | (19120417) | 386258.13 |
| 3818718.05 | 27.73216 (19120417) |          |            |           |
| 386249.95  | 3818696.52          | 27.93563 | (19120417) | 386241.77 |
| 3818675.00 | 28.14823 (16012605) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386233.59  | 3818653.47 | 28.91545   | (16012605) | 386225.41 |
| 3818631.94 | 30.55132   | (16012605) |            |           |
| 386217.23  | 3818610.41 | 32.54003   | (16012605) | 386209.05 |
| 3818588.88 | 34.71108   | (16012605) |            |           |
| 386200.87  | 3818567.35 | 35.60465   | (16012605) | 386192.70 |
| 3818545.82 | 35.88449   | (16012605) |            |           |
| 386184.52  | 3818524.29 | 35.97775   | (16012605) | 386176.34 |
| 3818502.76 | 35.46959   | (16012605) |            |           |
| 386168.16  | 3818481.23 | 35.04827   | (17121517) | 386159.98 |
| 3818459.70 | 36.08782   | (17121517) |            |           |
| 386151.80  | 3818438.17 | 36.70050   | (17121517) | 386143.62 |
| 3818416.64 | 36.61662   | (17121517) |            |           |
| 386135.44  | 3818395.11 | 36.19388   | (17121517) | 386127.26 |
| 3818373.58 | 36.08306   | (16111417) |            |           |
| 386119.08  | 3818352.05 | 37.18626   | (16111417) | 386110.91 |
| 3818330.52 | 37.99547   | (16111417) |            |           |
| 386102.73  | 3818308.99 | 38.49106   | (16111417) | 386094.55 |
| 3818287.46 | 38.66108   | (16111417) |            |           |
| 386086.37  | 3818265.93 | 38.50188   | (16111417) | 386078.19 |
| 3818244.41 | 38.01845   | (16111417) |            |           |
| 386070.01  | 3818222.88 | 37.22330   | (16111417) | 386061.83 |
| 3818201.35 | 36.13702   | (16111417) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 806

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 386053.65   | 3818179.82  | 34.78681   | (16111417) | 386045.47   |
| 3818158.29  | 33.20546    | (16111417) |            |             |
| 386037.29   | 3818136.76  | 31.60884   | (17011704) | 386029.12   |
| 3818115.23  | 33.34686    | (17011704) |            |             |
| 386020.94   | 3818093.70  | 34.88385   | (17011704) | 386012.76   |
| 3818072.17  | 36.18471    | (17011704) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386004.58  | 3818050.64 | 37.21912   | (17011704) | 385996.40 |
| 3818029.11 | 37.96269   | (17011704) |            |           |
| 385988.22  | 3818007.58 | 38.39785   | (17011704) | 385980.04 |
| 3817986.05 | 38.51459   | (17011704) |            |           |
| 385971.86  | 3817964.52 | 38.31081   | (17011704) | 385963.68 |
| 3817942.99 | 37.79238   | (17011704) |            |           |
| 385955.50  | 3817921.46 | 36.97289   | (17011704) | 385947.33 |
| 3817899.93 | 35.87314   | (17011704) |            |           |
| 385939.15  | 3817878.40 | 34.51983   | (17011704) | 385930.97 |
| 3817856.87 | 34.00277   | (18030604) |            |           |
| 385922.79  | 3817835.34 | 34.10214   | (18030604) | 385914.61 |
| 3817813.81 | 33.92139   | (18030604) |            |           |
| 385906.43  | 3817792.29 | 33.46598   | (18030604) | 385898.25 |
| 3817770.76 | 32.99048   | (17030222) |            |           |
| 385890.07  | 3817749.23 | 33.91764   | (17030222) | 385881.89 |
| 3817727.70 | 34.58644   | (17030222) |            |           |
| 385873.71  | 3817706.17 | 34.98162   | (17030222) | 385865.53 |
| 3817684.64 | 35.09445   | (17030222) |            |           |
| 385857.36  | 3817663.11 | 34.92311   | (17030222) | 385849.18 |
| 3817641.58 | 34.47247   | (17030222) |            |           |
| 385841.00  | 3817620.05 | 35.52266   | (19011117) | 385832.82 |
| 3817598.52 | 36.53475   | (19011117) |            |           |
| 385824.64  | 3817576.99 | 37.27359   | (19011117) | 385816.46 |
| 3817555.46 | 37.72265   | (19011117) |            |           |
| 385808.28  | 3817533.93 | 37.87216   | (19011117) | 385800.10 |
| 3817512.40 | 37.71952   | (19011117) |            |           |
| 385791.92  | 3817490.87 | 37.26933   | (19011117) | 385783.74 |
| 3817469.34 | 36.53318   | (19011117) |            |           |
| 385464.76  | 3816629.69 | 34.89200   | (17011306) | 385456.58 |
| 3816608.16 | 35.27932   | (17011306) |            |           |
| 385448.40  | 3816586.63 | 35.40007   | (17011306) | 385440.23 |
| 3816565.10 | 34.35004   | (17011306) |            |           |
| 385432.05  | 3816543.57 | 32.79569   | (17011306) | 385423.87 |
| 3816522.04 | 31.07974   | (17011306) |            |           |
| 385415.69  | 3816500.51 | 29.85304   | (19110706) | 385407.51 |
| 3816478.98 | 29.72361   | (19110706) |            |           |
| 385399.33  | 3816457.46 | 29.28063   | (19110706) | 385391.15 |
| 3816435.93 | 29.05931   | (19110706) |            |           |
| 385382.97  | 3816414.40 | 30.25107   | (19110706) | 385374.79 |
| 3816392.87 | 31.68614   | (19110706) |            |           |
| 385366.61  | 3816371.34 | 32.82497   | (19110706) | 385358.44 |
| 3816349.81 | 33.76902   | (19110706) |            |           |
| 385350.26  | 3816328.28 | 33.88780   | (19110706) | 385342.08 |
| 3816306.75 | 32.78958   | (19110706) |            |           |
| 385333.90  | 3816285.22 | 31.51321   | (19110706) | 385325.72 |
| 3816263.69 | 30.08343   | (19110706) |            |           |
| 385317.54  | 3816242.16 | 28.63830   | (18010218) | 385309.36 |
| 3816220.63 | 29.44094   | (18010804) |            |           |
| 385301.18  | 3816199.10 | 30.59813   | (18010804) | 385293.00 |
| 3816177.57 | 31.58703   | (18010804) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385284.82  | 3816156.04 | 32.38977   | (18010804) | 385276.64 |
| 3816134.51 | 32.99184   | (18010804) |            |           |
| 385268.47  | 3816112.98 | 33.38257   | (18010804) | 385260.29 |
| 3816091.45 | 33.55525   | (18010804) |            |           |
| 385252.11  | 3816069.92 | 33.50763   | (18010804) | 394324.49 |
| 3825538.74 | 6.03527    | (18021708) |            |           |
| 394347.55  | 3825539.16 | 6.12007    | (18021708) | 394370.60 |
| 3825539.58 | 6.18429    | (18021708) |            |           |
| 394393.66  | 3825540.00 | 6.15429    | (18021708) | 394416.72 |
| 3825540.42 | 6.04994    | (18021708) |            |           |
| 394439.78  | 3825540.84 | 6.00391    | (18021708) | 394462.83 |
| 3825541.26 | 5.93732    | (18021708) |            |           |
| 392672.51  | 3826184.49 | 6.85725    | (17021123) | 392651.45 |
| 3826175.21 | 7.08753    | (17021123) |            |           |
| 392630.39  | 3826165.94 | 7.21371    | (17021123) | 392609.33 |
| 3826156.67 | 7.20450    | (17021123) |            |           |
| 392588.27  | 3826147.40 | 7.10203    | (17021123) | 392567.20 |
| 3826138.13 | 7.11060    | (17112921) |            |           |
| 392546.14  | 3826128.85 | 7.43176    | (17112921) | 392525.08 |
| 3826119.58 | 7.75675    | (17112921) |            |           |
| 392504.02  | 3826110.31 | 8.05030    | (17112921) | 392482.96 |
| 3826101.04 | 8.37386    | (17112921) |            |           |
| 392461.89  | 3826091.77 | 8.79762    | (17112921) | 392440.83 |
| 3826082.50 | 8.80004    | (17112921) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 807

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392419.77   | 3826073.22  | 8.67910    | (17112921) | 392398.71   |
| 3826063.95  | 8.47969     | (17112921) |            |             |
| 392377.65   | 3826054.68  | 8.66897    | (18012218) | 392356.58   |
| 3826045.41  | 8.77103     | (18012218) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392335.52  | 3826036.14          | 8.80731  | (18012218) | 392314.46 |
| 3826026.86 | 9.17243 (18012218)  |          |            |           |
| 392293.40  | 3826017.59          | 9.47643  | (18012218) | 392272.34 |
| 3826008.32 | 9.78707 (18012218)  |          |            |           |
| 392251.28  | 3825999.05          | 9.91334  | (19110502) | 392230.21 |
| 3825989.78 | 10.20695 (19110502) |          |            |           |
| 392209.15  | 3825980.51          | 10.44702 | (19110502) | 392188.09 |
| 3825971.23 | 10.71515 (19110502) |          |            |           |
| 392167.03  | 3825961.96          | 10.92721 | (19110502) | 392145.97 |
| 3825952.69 | 11.06380 (19110502) |          |            |           |
| 392124.90  | 3825943.42          | 11.07525 | (19110502) | 392103.84 |
| 3825934.15 | 11.07944 (19110502) |          |            |           |
| 392082.78  | 3825924.87          | 10.97070 | (19110502) | 392061.72 |
| 3825915.60 | 10.84794 (16032003) |          |            |           |
| 392040.66  | 3825906.33          | 11.19048 | (16032003) | 392019.59 |
| 3825897.06 | 11.54012 (16032003) |          |            |           |
| 391998.53  | 3825887.79          | 11.88407 | (16032003) | 391977.47 |
| 3825878.52 | 12.32083 (16032003) |          |            |           |
| 391956.41  | 3825869.24          | 12.56872 | (16032003) | 391935.35 |
| 3825859.97 | 12.56179 (16032003) |          |            |           |
| 391914.28  | 3825850.70          | 12.45158 | (19122402) | 391893.22 |
| 3825841.43 | 12.95090 (19122402) |          |            |           |
| 391872.16  | 3825832.16          | 13.46368 | (19122402) | 391851.10 |
| 3825822.88 | 13.80798 (19122402) |          |            |           |
| 391830.04  | 3825813.61          | 13.77487 | (19122402) | 391808.97 |
| 3825804.34 | 13.60716 (19122402) |          |            |           |
| 391787.91  | 3825795.07          | 13.37218 | (19122402) | 391766.85 |
| 3825785.80 | 13.09332 (19122402) |          |            |           |
| 391745.79  | 3825776.53          | 12.80105 | (19122402) | 391724.73 |
| 3825767.25 | 12.50679 (19122402) |          |            |           |
| 391703.67  | 3825757.98          | 12.24258 | (17011408) | 391682.60 |
| 3825748.71 | 12.40691 (17011408) |          |            |           |
| 391661.54  | 3825739.44          | 12.44215 | (17011408) | 391640.48 |
| 3825730.17 | 12.72724 (17011408) |          |            |           |
| 391619.42  | 3825720.89          | 13.32056 | (17011408) | 391598.36 |
| 3825711.62 | 13.23865 (17011408) |          |            |           |
| 391577.29  | 3825702.35          | 13.18363 | (16022306) | 391556.23 |
| 3825693.08 | 13.57431 (16022306) |          |            |           |
| 391535.17  | 3825683.81          | 13.84576 | (16022306) | 391514.11 |
| 3825674.53 | 13.83167 (16022306) |          |            |           |
| 391493.05  | 3825665.26          | 13.88977 | (16022306) | 391471.98 |
| 3825655.99 | 14.21677 (20122117) |          |            |           |
| 391450.92  | 3825646.72          | 14.93999 | (20122117) | 391429.86 |
| 3825637.45 | 15.55628 (20122117) |          |            |           |
| 391408.80  | 3825628.18          | 16.22453 | (20122117) | 391387.74 |
| 3825618.90 | 17.22928 (20122117) |          |            |           |
| 391366.67  | 3825609.63          | 18.02663 | (20122117) | 391345.61 |
| 3825600.36 | 18.81409 (20122117) |          |            |           |
| 391324.55  | 3825591.09          | 19.58338 | (20122117) | 391303.49 |
| 3825581.82 | 19.93809 (20122117) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391282.43  | 3825572.54 | 19.57715   | (20122117) | 391261.36 |
| 3825563.27 | 18.98009   | (20122117) |            |           |
| 391240.30  | 3825554.00 | 18.61646   | (20091423) | 391219.24 |
| 3825544.73 | 19.03782   | (20091423) |            |           |
| 391198.18  | 3825535.46 | 19.36208   | (20091423) | 391177.12 |
| 3825526.19 | 19.58247   | (20091423) |            |           |
| 391156.06  | 3825516.91 | 19.80292   | (20091423) | 391134.99 |
| 3825507.64 | 20.31463   | (18100905) |            |           |
| 391113.93  | 3825498.37 | 22.02466   | (18100905) | 391092.87 |
| 3825489.10 | 24.13539   | (18100905) |            |           |
| 391071.81  | 3825479.83 | 26.09884   | (18100905) | 391050.75 |
| 3825470.55 | 27.90901   | (18100905) |            |           |
| 391029.68  | 3825461.28 | 29.14942   | (18100905) | 391008.62 |
| 3825452.01 | 29.46190   | (18100905) |            |           |
| 390987.56  | 3825442.74 | 29.42658   | (18100905) | 390966.50 |
| 3825433.47 | 28.96887   | (18100905) |            |           |
| 390945.44  | 3825424.20 | 28.33839   | (18100905) | 390924.37 |
| 3825414.92 | 27.68502   | (18100905) |            |           |
| 390903.31  | 3825405.65 | 27.30493   | (18100905) | 390882.25 |
| 3825396.38 | 28.58016   | (20022707) |            |           |
| 390861.19  | 3825387.11 | 30.06145   | (20022707) | 390840.13 |
| 3825377.84 | 31.38609   | (20022707) |            |           |
| 390819.06  | 3825368.56 | 32.52786   | (20022707) | 390798.00 |
| 3825359.29 | 33.46165   | (20022707) |            |           |
| 390776.94  | 3825350.02 | 34.16833   | (20022707) | 390755.88 |
| 3825340.75 | 34.63264   | (20022707) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 808

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390734.82   | 3825331.48  | 34.84446   | (20022707) | 390713.75   |
| 3825322.21  | 34.79910    | (20022707) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390692.69  | 3825312.93          | 34.49765 | (20022707) | 390671.63 |
| 3825303.66 | 33.94688 (20022707) |          |            |           |
| 390650.57  | 3825294.39          | 33.15889 | (20022707) | 390629.51 |
| 3825285.12 | 32.15072 (20022707) |          |            |           |
| 390608.45  | 3825275.85          | 30.94375 | (20022707) | 390587.38 |
| 3825266.57 | 29.56210 (20022707) |          |            |           |
| 390566.32  | 3825257.30          | 28.69268 | (20011802) | 390545.26 |
| 3825248.03 | 30.15648 (20011802) |          |            |           |
| 390524.20  | 3825238.76          | 31.46153 | (20011802) | 390503.14 |
| 3825229.49 | 32.58151 (20011802) |          |            |           |
| 390482.07  | 3825220.22          | 33.49352 | (20011802) | 390461.01 |
| 3825210.94 | 34.17778 (20011802) |          |            |           |
| 390439.95  | 3825201.67          | 34.61969 | (20011802) | 390418.89 |
| 3825192.40 | 34.80998 (20011802) |          |            |           |
| 390397.83  | 3825183.13          | 34.74463 | (20011802) | 390376.76 |
| 3825173.86 | 34.42507 (20011802) |          |            |           |
| 390355.70  | 3825164.58          | 33.85866 | (20011802) | 390334.64 |
| 3825155.31 | 33.05791 (20011802) |          |            |           |
| 390313.58  | 3825146.04          | 33.81651 | (19120105) | 390292.52 |
| 3825136.77 | 34.37294 (19120105) |          |            |           |
| 390271.45  | 3825127.50          | 34.68309 | (19120105) | 390250.39 |
| 3825118.22 | 34.74024 (19120105) |          |            |           |
| 390229.33  | 3825108.95          | 34.54342 | (19120105) | 390208.27 |
| 3825099.68 | 34.09725 (19120105) |          |            |           |
| 390187.21  | 3825090.41          | 33.41162 | (19120105) | 390166.14 |
| 3825081.14 | 32.50107 (19120105) |          |            |           |
| 390145.08  | 3825071.87          | 33.09604 | (19120504) | 390124.02 |
| 3825062.59 | 33.51505 (19120504) |          |            |           |
| 390102.96  | 3825053.32          | 33.69243 | (19120504) | 390081.90 |
| 3825044.05 | 33.62474 (19120504) |          |            |           |
| 390060.84  | 3825034.78          | 33.31373 | (19120504) | 390039.77 |
| 3825025.51 | 32.76616 (19120504) |          |            |           |
| 390018.71  | 3825016.23          | 32.82552 | (17031323) | 389997.65 |
| 3825006.96 | 33.60821 (17031323) |          |            |           |
| 389976.59  | 3824997.69          | 34.16043 | (17031323) | 389955.53 |
| 3824988.42 | 34.47067 (17031323) |          |            |           |
| 389934.46  | 3824979.15          | 34.53252 | (17031323) | 389913.40 |
| 3824969.88 | 34.34496 (17031323) |          |            |           |
| 389892.34  | 3824960.60          | 33.91235 | (17031323) | 389871.28 |
| 3824951.33 | 33.24440 (17031323) |          |            |           |
| 389850.22  | 3824942.06          | 33.16259 | (16121406) | 389829.15 |
| 3824932.79 | 33.83808 (16121406) |          |            |           |
| 389808.09  | 3824923.52          | 34.27901 | (16121406) | 389787.03 |
| 3824914.24 | 34.47668 (16121406) |          |            |           |
| 389765.97  | 3824904.97          | 34.42706 | (16121406) | 389744.91 |
| 3824895.70 | 34.13171 (16121406) |          |            |           |
| 389723.84  | 3824886.43          | 33.59706 | (16121406) | 389555.35 |
| 3824812.25 | 28.77338 (20020718) |          |            |           |
| 389534.29  | 3824802.98          | 29.11722 | (17091023) | 389513.23 |
| 3824793.71 | 29.74328 (17091023) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389492.16  | 3824784.44 | 30.16846   | (17091023) | 389471.10 |
| 3824775.17 | 30.38399   | (17091023) |            |           |
| 389450.04  | 3824765.90 | 30.38592   | (17091023) | 389428.98 |
| 3824756.62 | 30.17460   | (17091023) |            |           |
| 389407.92  | 3824747.35 | 29.75491   | (17091023) | 389386.85 |
| 3824738.08 | 29.13571   | (17091023) |            |           |
| 389365.79  | 3824728.81 | 28.33061   | (17091023) | 389344.73 |
| 3824719.54 | 27.35599   | (17091023) |            |           |
| 389323.67  | 3824710.26 | 26.23111   | (17091023) | 389302.61 |
| 3824700.99 | 27.44213   | (20111107) |            |           |
| 389281.54  | 3824691.72 | 28.88807   | (20111107) | 389260.48 |
| 3824682.45 | 30.19759   | (20111107) |            |           |
| 389239.42  | 3824673.18 | 31.34690   | (20111107) | 389218.36 |
| 3824663.91 | 32.31416   | (20111107) |            |           |
| 389197.30  | 3824654.63 | 33.08087   | (20111107) | 389176.23 |
| 3824645.36 | 33.63176   | (20111107) |            |           |
| 389155.17  | 3824636.09 | 33.95603   | (20111107) | 389134.11 |
| 3824626.82 | 34.04778   | (20111107) |            |           |
| 389113.05  | 3824617.55 | 33.90569   | (20111107) | 389091.99 |
| 3824608.27 | 33.53313   | (20111107) |            |           |
| 389070.92  | 3824599.00 | 32.93808   | (20111107) | 389049.86 |
| 3824589.73 | 32.13351   | (20111107) |            |           |
| 389028.80  | 3824580.46 | 31.13567   | (20111107) | 389007.74 |
| 3824571.19 | 29.96440   | (20111107) |            |           |
| 388986.68  | 3824561.91 | 28.64192   | (20111107) | 388965.62 |
| 3824552.64 | 27.19344   | (20111107) |            |           |
| 388944.55  | 3824543.37 | 28.11430   | (18011717) | 388923.49 |
| 3824534.10 | 29.27339   | (18011717) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 809

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388902.43  | 3824524.83 | 30.27394   | (18011717) | 388881.37 |
| 3824515.56 | 31.09737   | (18011717) |            |           |
| 388860.31  | 3824506.28 | 31.72835   | (18011717) | 388839.24 |
| 3824497.01 | 32.15469   | (18011717) |            |           |
| 388818.18  | 3824487.74 | 32.36845   | (18011717) | 388797.12 |
| 3824478.47 | 32.36612   | (18011717) |            |           |
| 388776.06  | 3824469.20 | 32.14835   | (18011717) | 388755.00 |
| 3824459.92 | 31.71995   | (18011717) |            |           |
| 388733.93  | 3824450.65 | 31.08984   | (18011717) | 388712.87 |
| 3824441.38 | 30.27128   | (18011717) |            |           |
| 388691.81  | 3824432.11 | 29.28022   | (18011717) | 388670.75 |
| 3824422.84 | 28.13567   | (18011717) |            |           |
| 388649.69  | 3824413.57 | 26.85886   | (18011717) | 388628.62 |
| 3824404.29 | 25.47170   | (18011717) |            |           |
| 388607.56  | 3824395.02 | 24.04854   | (18121508) | 388586.50 |
| 3824385.75 | 23.71641   | (18121508) |            |           |
| 388565.44  | 3824376.48 | 24.33450   | (16031907) | 388544.38 |
| 3824367.21 | 24.95104   | (16031907) |            |           |
| 388523.31  | 3824357.93 | 25.41674   | (16031907) | 388502.25 |
| 3824348.66 | 25.72258   | (16031907) |            |           |
| 388481.19  | 3824339.39 | 25.86352   | (16031907) | 388460.13 |
| 3824330.12 | 25.83737   | (16031907) |            |           |
| 388439.07  | 3824320.85 | 25.64515   | (16031907) | 388418.01 |
| 3824311.58 | 25.29109   | (16031907) |            |           |
| 388396.94  | 3824302.30 | 24.78207   | (16031907) | 388375.88 |
| 3824293.03 | 24.12876   | (16031907) |            |           |
| 388354.82  | 3824283.76 | 23.34339   | (16031907) | 388333.76 |
| 3824274.49 | 22.76291   | (19062704) |            |           |
| 388312.70  | 3824265.22 | 24.09713   | (19062704) | 388291.63 |
| 3824255.94 | 25.34720   | (19062704) |            |           |
| 388270.57  | 3824246.67 | 26.49128   | (19062704) | 388249.51 |
| 3824237.40 | 27.51117   | (19062704) |            |           |
| 388228.45  | 3824228.13 | 28.38954   | (19062704) | 388207.39 |
| 3824218.86 | 29.11122   | (19062704) |            |           |
| 388186.32  | 3824209.59 | 29.66381   | (19062704) | 388165.26 |
| 3824200.31 | 30.03754   | (19062704) |            |           |
| 388144.20  | 3824191.04 | 30.22603   | (19062704) | 388123.14 |
| 3824181.77 | 30.22659   | (19062704) |            |           |
| 388102.08  | 3824172.50 | 30.03987   | (19062704) | 388081.01 |
| 3824163.23 | 29.66982   | (19062704) |            |           |
| 388059.95  | 3824153.95 | 29.12399   | (19062704) | 388038.89 |
| 3824144.68 | 28.41304   | (19062704) |            |           |
| 388017.83  | 3824135.41 | 27.55012   | (19062704) | 387996.77 |
| 3824126.14 | 26.55078   | (19062704) |            |           |
| 387975.70  | 3824116.87 | 25.43206   | (19062704) | 387954.64 |
| 3824107.59 | 24.21321   | (19062704) |            |           |
| 387933.58  | 3824098.32 | 24.23089   | (20010717) | 387912.52 |
| 3824089.05 | 25.20307   | (20010717) |            |           |
| 387891.46  | 3824079.78 | 26.05477   | (20010717) | 387870.40 |
| 3824070.51 | 26.77201   | (20010717) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387849.33  | 3824061.24 | 27.34307   | (20010717) | 387828.27 |
| 3824051.96 | 27.75830   | (20010717) |            |           |
| 387807.21  | 3824042.69 | 28.01083   | (20010717) | 387786.15 |
| 3824033.42 | 28.09699   | (20010717) |            |           |
| 387765.09  | 3824024.15 | 28.01589   | (20010717) | 387744.02 |
| 3824014.88 | 27.76948   | (20010717) |            |           |
| 387722.96  | 3824005.60 | 27.36283   | (20010717) | 387701.90 |
| 3823996.33 | 26.80379   | (20010717) |            |           |
| 387680.84  | 3823987.06 | 26.10249   | (20010717) | 387659.78 |
| 3823977.79 | 25.89977   | (18122218) |            |           |
| 387638.71  | 3823968.52 | 26.19208   | (18122218) | 387617.65 |
| 3823959.25 | 26.33291   | (18122218) |            |           |
| 387596.59  | 3823949.97 | 26.32054   | (18122218) | 387575.53 |
| 3823940.70 | 26.15574   | (18122218) |            |           |
| 387554.47  | 3823931.43 | 25.84204   | (18122218) | 387533.40 |
| 3823922.16 | 25.38521   | (18122218) |            |           |
| 387512.34  | 3823912.89 | 24.79390   | (18122218) | 387491.28 |
| 3823903.61 | 24.07813   | (18122218) |            |           |
| 387470.22  | 3823894.34 | 24.34033   | (16112518) | 387449.16 |
| 3823885.07 | 24.53975   | (16112518) |            |           |
| 387428.09  | 3823875.80 | 25.77549   | (17010720) | 387407.03 |
| 3823866.53 | 26.97285   | (17010720) |            |           |
| 387385.97  | 3823857.26 | 28.06489   | (17010720) | 387364.91 |
| 3823847.98 | 29.03570   | (17010720) |            |           |
| 387343.85  | 3823838.71 | 29.86987   | (17010720) | 387322.79 |
| 3823829.44 | 30.55508   | (17010720) |            |           |
| 387301.72  | 3823820.17 | 31.08099   | (17010720) | 387280.66 |
| 3823810.90 | 31.43937   | (17010720) |            |           |
| 387259.60  | 3823801.62 | 31.62530   | (17010720) | 387238.54 |
| 3823792.35 | 31.63626   | (17010720) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 810

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |  |
|------------|---------------------|----------|------------|-----------|--|
| -----      |                     |          |            |           |  |
| 387217.48  | 3823783.08          | 31.47295 | (17010720) | 387196.41 |  |
| 3823773.81 | 31.13867 (17010720) |          |            |           |  |
| 387175.35  | 3823764.54          | 30.63986 | (17010720) | 387112.17 |  |
| 3823736.72 | 28.25414 (17010720) |          |            |           |  |
| 387091.10  | 3823727.45          | 27.20548 | (17010720) | 387070.04 |  |
| 3823718.18 | 26.05612 (17010720) |          |            |           |  |
| 387048.98  | 3823708.91          | 25.62068 | (18091303) | 387027.92 |  |
| 3823699.63 | 25.45819 (18091303) |          |            |           |  |
| 387006.86  | 3823690.36          | 25.16197 | (18091303) | 386985.79 |  |
| 3823681.09 | 24.73716 (18091303) |          |            |           |  |
| 386964.73  | 3823671.82          | 24.19126 | (18091303) | 386943.67 |  |
| 3823662.55 | 23.53307 (18091303) |          |            |           |  |
| 386922.61  | 3823653.28          | 23.81852 | (18111302) | 386901.55 |  |
| 3823644.00 | 24.03209 (18111302) |          |            |           |  |
| 386880.48  | 3823634.73          | 24.12030 | (18111302) | 386859.42 |  |
| 3823625.46 | 24.08242 (18111302) |          |            |           |  |
| 386838.36  | 3823616.19          | 23.91968 | (18111302) | 386817.30 |  |
| 3823606.92 | 24.09810 (18070504) |          |            |           |  |
| 386788.06  | 3823576.13          | 25.49817 | (18070504) | 386779.89 |  |
| 3823554.62 | 26.05373 (18070504) |          |            |           |  |
| 386771.72  | 3823533.11          | 26.47615 | (18070504) | 386763.55 |  |
| 3823511.59 | 26.75815 (18070504) |          |            |           |  |
| 386755.37  | 3823490.08          | 26.89430 | (18070504) | 386747.20 |  |
| 3823468.57 | 26.88189 (18070504) |          |            |           |  |
| 386739.03  | 3823447.06          | 26.72058 | (18070504) | 386730.86 |  |
| 3823425.55 | 26.41248 (18070504) |          |            |           |  |
| 386722.68  | 3823404.03          | 25.96174 | (18070504) | 386714.51 |  |
| 3823382.52 | 26.54706 (19111222) |          |            |           |  |
| 386706.34  | 3823361.01          | 27.08490 | (19111222) | 386698.17 |  |
| 3823339.50 | 27.47901 (19111222) |          |            |           |  |
| 386689.99  | 3823317.98          | 27.72234 | (19111222) | 386681.82 |  |
| 3823296.47 | 27.80995 (19111222) |          |            |           |  |
| 386673.65  | 3823274.96          | 27.73996 | (19111222) | 386665.48 |  |
| 3823253.45 | 27.51296 (19111222) |          |            |           |  |
| 386657.30  | 3823231.93          | 27.13190 | (19111222) | 386649.13 |  |
| 3823210.42 | 26.60319 (19111222) |          |            |           |  |
| 386640.96  | 3823188.91          | 25.93493 | (19111222) | 386632.79 |  |
| 3823167.40 | 25.13765 (19111222) |          |            |           |  |
| 386624.61  | 3823145.88          | 24.22320 | (19111222) | 386616.44 |  |
| 3823124.37 | 23.20692 (19111222) |          |            |           |  |
| 386608.27  | 3823102.86          | 23.17406 | (19112123) | 386600.10 |  |
| 3823081.35 | 24.21829 (19112123) |          |            |           |  |
| 386591.92  | 3823059.84          | 25.16377 | (19112123) | 386583.75 |  |
| 3823038.32 | 25.99480 (19112123) |          |            |           |  |
| 386575.58  | 3823016.81          | 26.69692 | (19112123) | 386567.41 |  |
| 3822995.30 | 27.25819 (19112123) |          |            |           |  |
| 386559.23  | 3822973.79          | 27.66853 | (19112123) | 386551.06 |  |
| 3822952.27 | 27.92017 (19112123) |          |            |           |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386542.89  | 3822930.76 | 28.00805   | (19112123) | 386534.72 |
| 3822909.25 | 27.93018   | (19112123) |            |           |
| 386526.54  | 3822887.74 | 28.30769   | (16022104) | 386518.37 |
| 3822866.22 | 29.32241   | (16022104) |            |           |
| 386510.20  | 3822844.71 | 30.19316   | (16022104) | 386502.03 |
| 3822823.20 | 30.90501   | (16022104) |            |           |
| 386493.85  | 3822801.69 | 31.44515   | (16022104) | 386485.68 |
| 3822780.17 | 31.80333   | (16022104) |            |           |
| 386477.51  | 3822758.66 | 31.97240   | (16022104) | 386469.34 |
| 3822737.15 | 31.94887   | (16022104) |            |           |
| 386461.16  | 3822715.64 | 31.73242   | (16022104) | 386452.99 |
| 3822694.12 | 31.32637   | (16022104) |            |           |
| 386444.82  | 3822672.61 | 30.73762   | (16022104) | 386436.65 |
| 3822651.10 | 30.03787   | (17010803) |            |           |
| 386428.47  | 3822629.59 | 30.62219   | (17010803) | 386420.30 |
| 3822608.08 | 31.02761   | (17010803) |            |           |
| 386412.13  | 3822586.56 | 31.24640   | (17010803) | 386403.96 |
| 3822565.05 | 31.27380   | (17010803) |            |           |
| 386395.78  | 3822543.54 | 31.10873   | (17010803) | 386387.61 |
| 3822522.03 | 30.75381   | (17010803) |            |           |
| 386379.44  | 3822500.51 | 30.21471   | (17010803) | 386371.27 |
| 3822479.00 | 30.81147   | (16102117) |            |           |
| 386363.09  | 3822457.49 | 31.45782   | (16102117) | 386354.92 |
| 3822435.98 | 31.91858   | (16102117) |            |           |
| 386346.75  | 3822414.46 | 32.18495   | (16102117) | 386338.58 |
| 3822392.95 | 32.25116   | (16102117) |            |           |
| 386330.40  | 3822371.44 | 32.11546   | (16102117) | 386322.23 |
| 3822349.93 | 31.77995   | (16102117) |            |           |
| 386314.06  | 3822328.41 | 31.25007   | (16102117) | 386305.89 |
| 3822306.90 | 30.95599   | (19112102) |            |           |
| 386297.71  | 3822285.39 | 31.63906   | (19112102) | 386289.54 |
| 3822263.88 | 32.13341   | (19112102) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 811

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|------------|------------|-------------|
| -----       |             |             |            |            |             |
| 3822220.85  | 386281.37   | 3822242.37  | 32.42944   | (19112102) | 386273.20   |
| 3822177.83  | 386265.02   | 3822199.34  | 32.40566   | (19112102) | 386256.85   |
| 3822134.80  | 386248.68   | 3822156.32  | 31.56523   | (19112102) | 386240.51   |
| 3822091.78  | 386232.33   | 3822113.29  | 31.76644   | (20021308) | 386224.16   |
| 3822048.75  | 386215.99   | 3822070.27  | 32.59246   | (20021308) | 386207.82   |
| 3822005.73  | 386199.64   | 3822027.24  | 32.58860   | (20021308) | 386191.47   |
| 3821962.70  | 386183.30   | 3821984.22  | 31.75109   | (20021308) | 386175.13   |
| 3821919.68  | 386166.95   | 3821941.19  | 31.93055   | (18022807) | 386158.78   |
| 3821876.66  | 386150.61   | 3821898.17  | 32.76760   | (18022807) | 386142.44   |
| 3821833.63  | 386134.26   | 3821855.14  | 32.75854   | (18022807) | 386126.09   |
| 3821790.61  | 386117.92   | 3821812.12  | 31.90025   | (18022807) | 386109.75   |
| 3821747.58  | 386101.57   | 3821769.09  | 30.25471   | (18022807) | 386093.40   |
| 3821704.56  | 386085.23   | 3821726.07  | 28.49454   | (19022323) | 386077.06   |
| 3821661.53  | 386068.88   | 3821683.04  | 28.46135   | (19022323) | 386060.71   |
| 3821618.51  | 386052.54   | 3821640.02  | 30.61251   | (19122817) | 386044.37   |
| 3821575.48  | 386036.19   | 3821596.99  | 32.20734   | (19122817) | 386028.02   |
| 3821532.46  | 386019.85   | 3821553.97  | 32.99180   | (19122817) | 386011.68   |
| 3821489.43  | 386003.50   | 3821510.95  | 32.90142   | (19122817) | 385995.33   |
| 3821446.41  | 385987.16   | 3821467.92  | 31.93992   | (19122817) | 385978.99   |
| 3821403.38  | 385970.81   | 3821424.90  | 31.21088   | (18120617) | 385962.64   |
| 3821360.36  | 385954.47   | 3821381.87  | 31.90997   | (18120617) | 385946.30   |
| 3821317.33  | 385938.12   | 3821338.85  | 31.75235   | (18120617) | 385929.95   |
| 3821274.31  | 385921.78   | 3821295.82  | 30.74786   | (18120617) | 385913.61   |
|             |             | 31.02407    | (20120617) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385905.43  | 3821252.80 | 31.65229   | (20120617) | 385897.26 |
| 3821231.28 | 32.07385   | (20120617) |            |           |
| 385889.09  | 3821209.77 | 32.27964   | (20120617) | 385880.92 |
| 3821188.26 | 32.26536   | (20120617) |            |           |
| 385872.74  | 3821166.75 | 32.03087   | (20120617) | 385864.57 |
| 3821145.23 | 31.58059   | (20120617) |            |           |
| 385856.40  | 3821123.72 | 31.35790   | (19010818) | 385848.23 |
| 3821102.21 | 32.16680   | (19010818) |            |           |
| 385840.05  | 3821080.70 | 32.77078   | (19010818) | 385831.88 |
| 3821059.19 | 33.15718   | (19010818) |            |           |
| 385823.71  | 3821037.67 | 33.31795   | (19010818) | 385815.54 |
| 3821016.16 | 33.24932   | (19010818) |            |           |
| 385807.36  | 3820994.65 | 32.95242   | (19010818) | 385799.19 |
| 3820973.14 | 32.43324   | (19010818) |            |           |
| 385791.02  | 3820951.62 | 31.70173   | (19010818) | 385782.85 |
| 3820930.11 | 32.36623   | (17061502) |            |           |
| 385774.67  | 3820908.60 | 32.91813   | (17061502) | 385766.50 |
| 3820887.09 | 33.24818   | (17061502) |            |           |
| 385758.33  | 3820865.57 | 33.34942   | (17061502) | 385750.16 |
| 3820844.06 | 33.21938   | (17061502) |            |           |
| 385741.98  | 3820822.55 | 32.86049   | (17061502) | 385733.81 |
| 3820801.04 | 32.28012   | (17061502) |            |           |
| 385725.64  | 3820779.52 | 31.94777   | (19110606) | 385717.47 |
| 3820758.01 | 32.65728   | (19110606) |            |           |
| 385709.29  | 3820736.50 | 33.15083   | (19110606) | 385701.12 |
| 3820714.99 | 33.41795   | (19110606) |            |           |
| 385692.95  | 3820693.48 | 33.45296   | (19110606) | 385684.78 |
| 3820671.96 | 33.25480   | (19110606) |            |           |
| 385676.60  | 3820650.45 | 32.82739   | (19110606) | 385668.43 |
| 3820628.94 | 32.17961   | (19110606) |            |           |
| 385660.26  | 3820607.43 | 31.32447   | (19110606) | 385652.09 |
| 3820585.91 | 30.27862   | (19110606) |            |           |
| 385643.91  | 3820564.40 | 29.06315   | (19110606) | 385635.74 |
| 3820542.89 | 27.70148   | (19110606) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 812

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 385627.57   | 3820521.38          | 26.21869   | (19110606) | 385619.40   |
| 3820499.86  | 24.64068 (19110606) |            |            |             |
| 385611.22   | 3820478.35          | 24.72794   | (17090904) | 385603.05   |
| 3820456.84  | 25.52625 (17090904) |            |            |             |
| 385594.88   | 3820435.33          | 26.16592   | (17090904) | 385586.71   |
| 3820413.81  | 26.63396 (17090904) |            |            |             |
| 385578.53   | 3820392.30          | 26.92023   | (17090904) | 385570.36   |
| 3820370.79  | 27.01883 (17090904) |            |            |             |
| 385562.19   | 3820349.28          | 26.92764   | (17090904) | 385554.02   |
| 3820327.77  | 26.64850 (17090904) |            |            |             |
| 385545.84   | 3820306.25          | 26.48279   | (18121622) | 385537.67   |
| 3820284.74  | 27.27598 (18121622) |            |            |             |
| 385529.50   | 3820263.23          | 27.89571   | (18121622) | 385521.33   |
| 3820241.72  | 28.32918 (18121622) |            |            |             |
| 385513.15   | 3820220.20          | 28.56737   | (18121622) | 385504.98   |
| 3820198.69  | 28.60500 (18121622) |            |            |             |
| 385496.81   | 3820177.18          | 29.08890   | (16122217) | 385488.64   |
| 3820155.67  | 30.31489 (16122217) |            |            |             |
| 385480.46   | 3820134.15          | 31.37090   | (16122217) | 385472.29   |
| 3820112.64  | 32.23475 (16122217) |            |            |             |
| 385464.12   | 3820091.13          | 32.88944   | (16122217) | 385455.95   |
| 3820069.62  | 33.32141 (16122217) |            |            |             |
| 385447.77   | 3820048.10          | 33.52165   | (16122217) | 385439.60   |
| 3820026.59  | 33.48574 (16122217) |            |            |             |
| 385431.43   | 3820005.08          | 33.21459   | (16122217) | 385423.26   |
| 3819983.57  | 32.71389 (16122217) |            |            |             |
| 385415.08   | 3819962.06          | 31.99392   | (16122217) | 385406.91   |
| 3819940.54  | 31.26377 (18121517) |            |            |             |
| 385398.74   | 3819919.03          | 31.82247   | (18121517) | 385390.57   |
| 3819897.52  | 32.16328 (18121517) |            |            |             |
| 385382.39   | 3819876.01          | 32.27906   | (18121517) | 385374.22   |
| 3819854.49  | 32.16737 (18121517) |            |            |             |
| 385366.05   | 3819832.98          | 31.83065   | (18121517) | 385357.88   |
| 3819811.47  | 31.27603 (18121517) |            |            |             |
| 385349.70   | 3819789.96          | 31.92191   | (17013018) | 385341.53   |
| 3819768.44  | 32.64477 (17013018) |            |            |             |
| 385333.36   | 3819746.93          | 33.14893   | (17013018) | 385325.19   |
| 3819725.42  | 33.42433 (17013018) |            |            |             |
| 385317.01   | 3819703.91          | 33.46521   | (17013018) | 385308.84   |
| 3819682.39  | 33.27076 (17013018) |            |            |             |
| 385300.67   | 3819660.88          | 32.84526   | (17013018) | 385292.50   |
| 3819639.37  | 32.19769 (17013018) |            |            |             |
| 385284.32   | 3819617.86          | 32.14540   | (18102822) | 385276.15   |
| 3819596.34  | 32.79603 (18102822) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385267.98  | 3819574.83 | 33.22476   | (18102822) | 385259.81 |
| 3819553.32 | 33.42309   | (18102822) |            |           |
| 385251.63  | 3819531.81 | 33.38696   | (18102822) | 385243.46 |
| 3819510.30 | 33.11733   | (18102822) |            |           |
| 385235.29  | 3819488.78 | 32.61973   | (18102822) | 385227.12 |
| 3819467.27 | 31.90502   | (18102822) |            |           |
| 385218.94  | 3819445.76 | 30.98764   | (18102822) | 385210.77 |
| 3819424.25 | 29.88651   | (18102822) |            |           |
| 385202.60  | 3819402.73 | 28.62270   | (18102822) | 385194.43 |
| 3819381.22 | 27.22148   | (18102822) |            |           |
| 385186.25  | 3819359.71 | 25.70808   | (18102822) | 385178.08 |
| 3819338.20 | 25.33697   | (17111117) |            |           |
| 385169.91  | 3819316.68 | 26.28193   | (17111117) | 385161.74 |
| 3819295.17 | 27.07138   | (17111117) |            |           |
| 385153.56  | 3819273.66 | 27.69012   | (17111117) | 385145.39 |
| 3819252.15 | 28.12564   | (17111117) |            |           |
| 385137.22  | 3819230.63 | 28.36928   | (17111117) | 385129.05 |
| 3819209.12 | 28.41593   | (17111117) |            |           |
| 385120.87  | 3819187.61 | 28.26493   | (17111117) | 385112.70 |
| 3819166.10 | 27.91970   | (17111117) |            |           |
| 385104.53  | 3819144.59 | 28.11338   | (19120417) | 385096.36 |
| 3819123.07 | 28.89835   | (19120417) |            |           |
| 385088.18  | 3819101.56 | 29.49885   | (19120417) | 385080.01 |
| 3819080.05 | 29.90322   | (19120417) |            |           |
| 385071.84  | 3819058.54 | 30.10341   | (19120417) | 385063.67 |
| 3819037.02 | 30.09552   | (19120417) |            |           |
| 385055.49  | 3819015.51 | 29.87986   | (19120417) | 385047.32 |
| 3818994.00 | 30.27965   | (16012605) |            |           |
| 385039.15  | 3818972.49 | 31.28183   | (16012605) | 385030.98 |
| 3818950.97 | 32.09457   | (16012605) |            |           |
| 385022.80  | 3818929.46 | 32.70120   | (16012605) | 385014.63 |
| 3818907.95 | 33.09007   | (16012605) |            |           |
| 385006.46  | 3818886.44 | 33.25357   | (16012605) | 384998.29 |
| 3818864.92 | 33.18860   | (16012605) |            |           |
| 384990.11  | 3818843.41 | 32.89678   | (16012605) | 384981.94 |
| 3818821.90 | 32.38455   | (16012605) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 813

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*



\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|------------|------------|-------------|
| -----       |             |                     |            |            |            |             |
| 3818778.88  | 384973.77   | 3818800.39          | 31.66257   | (16012605) |            | 384965.60   |
|             |             | 30.74556 (16012605) |            |            |            |             |
| 3818735.85  | 384957.42   | 3818757.36          | 30.84811   | (17121517) |            | 384949.25   |
|             |             | 31.16627 (17121517) |            |            |            |             |
| 3818692.83  | 384941.08   | 3818714.34          | 31.27323   | (17121517) |            | 384932.91   |
|             |             | 31.16715 (17121517) |            |            |            |             |
| 3818649.80  | 384924.73   | 3818671.31          | 30.85031   | (17121517) |            | 384916.56   |
|             |             | 30.43020 (16111417) |            |            |            |             |
| 3818606.78  | 384908.39   | 3818628.29          | 31.33671   | (16111417) |            | 384900.22   |
|             |             | 32.05131 (16111417) |            |            |            |             |
| 3818563.75  | 384892.04   | 3818585.26          | 32.56041   | (16111417) |            | 384883.87   |
|             |             | 32.85372 (16111417) |            |            |            |             |
| 3818520.73  | 384875.70   | 3818542.24          | 32.92602   | (16111417) |            | 384867.53   |
|             |             | 32.77626 (16111417) |            |            |            |             |
| 3818477.70  | 384859.35   | 3818499.21          | 32.40371   | (16111417) |            | 384851.18   |
|             |             | 31.77032 (16111417) |            |            |            |             |
| 3818434.68  | 384843.01   | 3818456.19          | 30.85607   | (16111417) |            | 384834.84   |
|             |             | 29.78587 (16111417) |            |            |            |             |
| 3818391.65  | 384826.66   | 3818413.17          | 28.62194   | (16111417) |            | 384818.49   |
|             |             | 27.45082 (16111417) |            |            |            |             |
| 3818348.63  | 384810.32   | 3818370.14          | 26.85706   | (17011704) |            | 384802.15   |
|             |             | 27.95154 (17011704) |            |            |            |             |
| 3818305.60  | 384793.97   | 3818327.12          | 28.92979   | (17011704) |            | 384785.80   |
|             |             | 29.78874 (17011704) |            |            |            |             |
| 3818262.58  | 384777.63   | 3818284.09          | 30.50266   | (17011704) |            | 384769.46   |
|             |             | 31.07149 (17011704) |            |            |            |             |
| 3818219.55  | 384761.28   | 3818241.07          | 31.57252   | (17011704) |            | 384753.11   |
|             |             | 31.88605 (17011704) |            |            |            |             |
| 3818176.53  | 384744.94   | 3818198.04          | 32.29628   | (17011704) |            | 384736.77   |
|             |             | 32.58295 (17011704) |            |            |            |             |
| 3818133.50  | 384728.59   | 3818155.02          | 32.17785   | (17011704) |            | 384720.42   |
|             |             | 31.56935 (17011704) |            |            |            |             |
| 3818090.48  | 384712.25   | 3818111.99          | 30.77008   | (17011704) |            | 384704.08   |
|             |             | 29.79542 (17011704) |            |            |            |             |
| 3817079.40  | 384328.14   | 3817100.91          | 25.89992   | (16062705) |            | 384319.97   |
|             |             | 25.95772 (16062705) |            |            |            |             |
| 3817036.37  | 384311.79   | 3817057.89          | 25.42621   | (16062705) |            | 384303.62   |
|             |             | 24.38000 (16062705) |            |            |            |             |
| 3816993.35  | 384295.45   | 3817014.86          | 23.02518   | (16062705) |            | 384287.28   |
|             |             | 22.99589 (16062705) |            |            |            |             |
| 3816950.32  | 384279.10   | 3816971.84          | 23.13400   | (16062705) |            | 384270.93   |
|             |             | 23.01437 (16062705) |            |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384262.76  | 3816928.81 | 22.94072   | (16062705) | 384254.59 |
| 3816907.30 | 22.83630   | (16062705) |            |           |
| 384246.41  | 3816885.79 | 22.46586   | (19120217) | 384238.24 |
| 3816864.28 | 22.26929   | (19120217) |            |           |
| 384230.07  | 3816842.76 | 23.02065   | (19120217) | 384221.90 |
| 3816821.25 | 24.09223   | (19120217) |            |           |
| 384213.72  | 3816799.74 | 23.63803   | (19120217) | 384205.55 |
| 3816778.23 | 23.02333   | (19120217) |            |           |
| 384197.38  | 3816756.71 | 22.72947   | (19120217) | 384189.21 |
| 3816735.20 | 23.59160   | (19120217) |            |           |
| 384181.03  | 3816713.69 | 24.66789   | (19120217) | 384172.86 |
| 3816692.18 | 24.75743   | (19120217) |            |           |
| 384164.69  | 3816670.66 | 24.83692   | (17011306) | 384156.52 |
| 3816649.15 | 25.12661   | (17011306) |            |           |
| 384148.34  | 3816627.64 | 25.88319   | (17011306) | 384140.17 |
| 3816606.13 | 26.61815   | (17011306) |            |           |
| 384132.00  | 3816584.61 | 26.42461   | (17011306) | 384123.83 |
| 3816563.10 | 24.87956   | (17011306) |            |           |
| 384115.65  | 3816541.59 | 22.41581   | (17011306) | 384107.48 |
| 3816520.08 | 19.56608   | (17011306) |            |           |
| 384099.31  | 3816498.57 | 18.52215   | (19110706) | 384091.14 |
| 3816477.05 | 19.11708   | (19110706) |            |           |
| 384082.96  | 3816455.54 | 20.82222   | (19110706) | 384074.79 |
| 3816434.03 | 21.41126   | (19110706) |            |           |
| 384066.62  | 3816412.52 | 19.96979   | (19110706) | 384058.45 |
| 3816391.00 | 17.41717   | (19110706) |            |           |
| 384050.27  | 3816369.49 | 14.82173   | (19110706) | 384042.10 |
| 3816347.98 | 12.84978   | (19110706) |            |           |
| 384033.93  | 3816326.47 | 11.21263   | (19110706) | 384025.76 |
| 3816304.95 | 10.09505   | (19110706) |            |           |
| 384017.58  | 3816283.44 | 10.12992   | (19110706) | 384009.41 |
| 3816261.93 | 10.63564   | (19110706) |            |           |
| 384001.24  | 3816240.42 | 11.58459   | (18010218) | 383993.07 |
| 3816218.90 | 11.73301   | (18010218) |            |           |
| 383984.89  | 3816197.39 | 11.52906   | (18010218) | 383976.72 |
| 3816175.88 | 11.01069   | (18010804) |            |           |
| 383968.55  | 3816154.37 | 10.46315   | (18010804) | 383960.38 |
| 3816132.85 | 10.63482   | (18010804) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 814

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|---------------------|----------------|------------|--------------------|--|
| **          |                     |                |            |                    |  |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |                    |  |
| -----       |                     |                |            |                    |  |
| 383952.20   | 3816111.34          | 11.01666       | (18010804) | 383944.03          |  |
| 3816089.83  | 11.07056 (18010804) |                |            |                    |  |
| 383935.86   | 3816068.32          | 10.49176       | (18010804) | 383927.69          |  |
| 3816046.81  | 9.69644 (18010804)  |                |            |                    |  |
| 383919.51   | 3816025.29          | 8.83687        | (18010804) | 394323.33          |  |
| 3826872.28  | 11.26727 (19122906) |                |            |                    |  |
| 394346.38   | 3826872.70          | 11.27772       | (19122906) | 394369.44          |  |
| 3826873.11  | 10.89211 (19122906) |                |            |                    |  |
| 394392.50   | 3826873.53          | 9.87374        | (19122906) | 394415.56          |  |
| 3826873.95  | 8.67418 (19122906)  |                |            |                    |  |
| 394438.62   | 3826874.37          | 7.74016        | (19122906) | 392497.62          |  |
| 3827451.27  | 3.61048 (19092107)  |                |            |                    |  |
| 392476.52   | 3827441.98          | 3.60063        | (19092107) | 392455.42          |  |
| 3827432.69  | 3.58583 (19092107)  |                |            |                    |  |
| 392434.31   | 3827423.40          | 3.56610        | (19092107) | 392413.21          |  |
| 3827414.11  | 3.54153 (19092107)  |                |            |                    |  |
| 392392.11   | 3827404.82          | 3.51226        | (19092107) | 392371.01          |  |
| 3827395.53  | 3.74478 (17021123)  |                |            |                    |  |
| 392349.91   | 3827386.24          | 4.13791        | (17021123) | 392328.80          |  |
| 3827376.95  | 4.01885 (17021123)  |                |            |                    |  |
| 392307.70   | 3827367.66          | 3.65187        | (17021123) | 392286.60          |  |
| 3827358.37  | 3.39694 (16100707)  |                |            |                    |  |
| 392265.50   | 3827349.09          | 3.45229        | (17112921) | 392244.40          |  |
| 3827339.80  | 3.53761 (17112921)  |                |            |                    |  |
| 392223.29   | 3827330.51          | 3.36861        | (17112921) | 392202.19          |  |
| 3827321.22  | 3.30317 (17112921)  |                |            |                    |  |
| 392181.09   | 3827311.93          | 3.26717        | (17112921) | 392159.99          |  |
| 3827302.64  | 3.17078 (17112921)  |                |            |                    |  |
| 392138.89   | 3827293.35          | 3.03731        | (17112921) | 392117.79          |  |
| 3827284.06  | 2.88736 (17060206)  |                |            |                    |  |
| 392096.68   | 3827274.77          | 2.91849        | (17060206) | 392075.58          |  |
| 3827265.48  | 2.95870 (17060206)  |                |            |                    |  |
| 392054.48   | 3827256.19          | 2.99374        | (17060206) | 392033.38          |  |
| 3827246.90  | 3.03298 (17060206)  |                |            |                    |  |
| 392012.28   | 3827237.61          | 3.11208        | (18012218) | 391991.17          |  |
| 3827228.32  | 3.30422 (18012218)  |                |            |                    |  |
| 391970.07   | 3827219.03          | 3.16092        | (18012218) | 391948.97          |  |
| 3827209.74  | 3.06688 (17060206)  |                |            |                    |  |
| 391927.87   | 3827200.45          | 3.04375        | (17060206) | 391906.77          |  |
| 3827191.16  | 3.03303 (17060206)  |                |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391885.66  | 3827181.88 | 3.13726    | (19110502) | 391864.56 |
| 3827172.59 | 3.33792    | (19110502) |            |           |
| 391843.46  | 3827163.30 | 3.89487    | (19110502) | 391822.36 |
| 3827154.01 | 4.58130    | (19110502) |            |           |
| 391801.26  | 3827144.72 | 5.28836    | (19110502) | 391780.15 |
| 3827135.43 | 6.21980    | (19110502) |            |           |
| 391759.05  | 3827126.14 | 7.20191    | (19110502) | 391737.95 |
| 3827116.85 | 7.94818    | (19110502) |            |           |
| 391716.85  | 3827107.56 | 8.35777    | (19110502) | 391695.75 |
| 3827098.27 | 8.88760    | (16032003) |            |           |
| 391674.64  | 3827088.98 | 9.39567    | (16032003) | 391653.54 |
| 3827079.69 | 9.60459    | (16032003) |            |           |
| 391632.44  | 3827070.40 | 9.34959    | (16032003) | 391611.34 |
| 3827061.11 | 8.87228    | (16032003) |            |           |
| 391590.24  | 3827051.82 | 8.76029    | (16032003) | 391569.13 |
| 3827042.53 | 8.94991    | (16032003) |            |           |
| 391548.03  | 3827033.24 | 8.99051    | (16032003) | 391526.93 |
| 3827023.95 | 9.08389    | (19122402) |            |           |
| 391505.83  | 3827014.67 | 9.35129    | (19122402) | 391484.73 |
| 3827005.38 | 9.36897    | (19122402) |            |           |
| 391463.62  | 3826996.09 | 9.03953    | (19122402) | 391442.52 |
| 3826986.80 | 9.01361    | (19122402) |            |           |
| 391421.42  | 3826977.51 | 9.47813    | (19122402) | 391400.32 |
| 3826968.22 | 9.82683    | (19122402) |            |           |
| 391379.22  | 3826958.93 | 9.69995    | (19122402) | 391358.12 |
| 3826949.64 | 9.44739    | (19122402) |            |           |
| 391337.01  | 3826940.35 | 9.16078    | (19122402) | 391315.91 |
| 3826931.06 | 8.83219    | (19122402) |            |           |
| 391294.81  | 3826921.77 | 8.82370    | (17011408) | 391273.71 |
| 3826912.48 | 8.76074    | (17011408) |            |           |
| 391252.61  | 3826903.19 | 8.68258    | (17011408) | 391231.50 |
| 3826893.90 | 8.56281    | (17011408) |            |           |
| 391210.40  | 3826884.61 | 8.43173    | (17011408) | 391189.30 |
| 3826875.32 | 8.28820    | (17011408) |            |           |
| 391168.20  | 3826866.03 | 8.23695    | (16022306) | 391147.10 |
| 3826856.74 | 8.44587    | (16022306) |            |           |
| 391125.99  | 3826847.45 | 8.60844    | (16022306) | 391104.89 |
| 3826838.17 | 8.72528    | (16022306) |            |           |
| 391083.79  | 3826828.88 | 8.77814    | (16022306) | 391062.69 |
| 3826819.59 | 8.76589    | (16022306) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 815

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391041.59   | 3826810.30  | 8.75904    | (20122117) | 391020.48   |
| 3826801.01  | 9.00682     | (20122117) |            |             |
| 390999.38   | 3826791.72  | 9.33590    | (20122117) | 390978.28   |
| 3826782.43  | 9.66146     | (20122117) |            |             |
| 390957.18   | 3826773.14  | 9.90093    | (20122117) | 390936.08   |
| 3826763.85  | 10.08532    | (20122117) |            |             |
| 390914.97   | 3826754.56  | 10.22467   | (20122117) | 390893.87   |
| 3826745.27  | 10.27218    | (20122117) |            |             |
| 390872.77   | 3826735.98  | 10.24237   | (20122117) | 390851.67   |
| 3826726.69  | 10.14475    | (20122117) |            |             |
| 390830.57   | 3826717.40  | 10.00924   | (20122117) | 390809.46   |
| 3826708.11  | 9.81175     | (20122117) |            |             |
| 390788.36   | 3826698.82  | 9.73089    | (20091423) | 390767.26   |
| 3826689.53  | 9.96335     | (20091423) |            |             |
| 390746.16   | 3826680.24  | 10.11655   | (20091423) | 390725.06   |
| 3826670.96  | 10.21210    | (20091423) |            |             |
| 390703.95   | 3826661.67  | 10.22946   | (20091423) | 390682.85   |
| 3826652.38  | 10.17880    | (20091423) |            |             |
| 390661.75   | 3826643.09  | 10.23487   | (18100905) | 390640.65   |
| 3826633.80  | 10.63397    | (18100905) |            |             |
| 390619.55   | 3826624.51  | 11.02114   | (18100905) | 390598.45   |
| 3826615.22  | 11.34103    | (18100905) |            |             |
| 390577.34   | 3826605.93  | 11.54392   | (18100905) | 390556.24   |
| 3826596.64  | 11.63784    | (18100905) |            |             |
| 390535.14   | 3826587.35  | 11.59542   | (18100905) | 390514.04   |
| 3826578.06  | 11.46791    | (18100905) |            |             |
| 390492.94   | 3826568.77  | 11.37834   | (18100905) | 390471.83   |
| 3826559.48  | 11.30668    | (18100905) |            |             |
| 390450.73   | 3826550.19  | 11.15781   | (18100905) | 390429.63   |
| 3826540.90  | 10.88894    | (18100905) |            |             |
| 390408.53   | 3826531.61  | 10.56807   | (18100905) | 390387.43   |
| 3826522.32  | 10.70410    | (20032003) |            |             |
| 390366.32   | 3826513.03  | 11.29258   | (20022707) | 390345.22   |
| 3826503.75  | 11.87598    | (20022707) |            |             |
| 390324.12   | 3826494.46  | 12.38828   | (20022707) | 390303.02   |
| 3826485.17  | 12.79639    | (20022707) |            |             |
| 390281.92   | 3826475.88  | 13.16321   | (20022707) | 390260.81   |
| 3826466.59  | 13.44648    | (20022707) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390239.71  | 3826457.30 | 13.55856   | (20022707) | 390218.61 |
| 3826448.01 | 13.80796   | (20022707) |            |           |
| 390197.51  | 3826438.72 | 14.15822   | (20022707) | 390176.41 |
| 3826429.43 | 14.24994   | (20022707) |            |           |
| 390155.30  | 3826420.14 | 14.21081   | (20022707) | 390134.20 |
| 3826410.85 | 14.08856   | (20022707) |            |           |
| 390113.10  | 3826401.56 | 13.89773   | (20022707) | 390092.00 |
| 3826392.27 | 13.63357   | (20022707) |            |           |
| 390070.90  | 3826382.98 | 13.29084   | (20022707) | 390049.79 |
| 3826373.69 | 13.34019   | (18032001) |            |           |
| 390028.69  | 3826364.40 | 13.48608   | (18032001) | 390007.59 |
| 3826355.11 | 13.54888   | (18032001) |            |           |
| 389986.49  | 3826345.82 | 13.98390   | (20011802) | 389965.39 |
| 3826336.54 | 14.69270   | (20011802) |            |           |
| 389944.28  | 3826327.25 | 15.36592   | (20011802) | 389923.18 |
| 3826317.96 | 15.60084   | (20011802) |            |           |
| 389902.08  | 3826308.67 | 15.97133   | (20011802) | 389880.98 |
| 3826299.38 | 16.42611   | (20011802) |            |           |
| 389859.88  | 3826290.09 | 16.70119   | (20011802) | 389838.78 |
| 3826280.80 | 16.85831   | (20011802) |            |           |
| 389817.67  | 3826271.51 | 16.91093   | (20011802) | 389796.57 |
| 3826262.22 | 16.86101   | (20011802) |            |           |
| 389775.47  | 3826252.93 | 16.71214   | (20011802) | 389754.37 |
| 3826243.64 | 16.81114   | (19120105) |            |           |
| 389733.27  | 3826234.35 | 17.30258   | (19120105) | 389712.16 |
| 3826225.06 | 17.70079   | (19120105) |            |           |
| 389691.06  | 3826215.77 | 17.99590   | (19120105) | 389669.96 |
| 3826206.48 | 18.19387   | (19120105) |            |           |
| 389648.86  | 3826197.19 | 18.29129   | (19120105) | 389627.76 |
| 3826187.90 | 18.27817   | (19120105) |            |           |
| 389606.65  | 3826178.61 | 18.15468   | (19120105) | 389585.55 |
| 3826169.32 | 17.92604   | (19120105) |            |           |
| 389564.45  | 3826160.04 | 18.14995   | (19120504) | 389543.35 |
| 3826150.75 | 18.62032   | (19120504) |            |           |
| 389522.25  | 3826141.46 | 18.97414   | (19120504) | 389501.14 |
| 3826132.17 | 19.21029   | (19120504) |            |           |
| 389480.04  | 3826122.88 | 19.31649   | (19120504) | 389458.94 |
| 3826113.59 | 19.29913   | (19120504) |            |           |
| 389437.84  | 3826104.30 | 19.20085   | (19120504) | 389416.74 |
| 3826095.01 | 19.00141   | (19120504) |            |           |
| 389395.63  | 3826085.72 | 19.45993   | (17031323) | 389374.53 |
| 3826076.43 | 19.99380   | (17031323) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389353.43   | 3826067.14  | 20.40006   | (17031323) | 389332.33   |
| 3826057.85  | 20.66839    | (17031323) |            |             |
| 389311.23   | 3826048.56  | 20.85988   | (17031323) | 389290.12   |
| 3826039.27  | 20.96281    | (17031323) |            |             |
| 389269.02   | 3826029.98  | 20.96665   | (17031323) | 389247.92   |
| 3826020.69  | 20.86763    | (17031323) |            |             |
| 389226.82   | 3826011.40  | 20.98849   | (16121406) | 389205.72   |
| 3826002.11  | 21.58336    | (16121406) |            |             |
| 389184.61   | 3825992.83  | 22.24621   | (16121406) | 389163.51   |
| 3825983.54  | 23.23488    | (16121406) |            |             |
| 389142.41   | 3825974.25  | 24.44259   | (16121406) | 389121.31   |
| 3825964.96  | 25.43849    | (16121406) |            |             |
| 389100.21   | 3825955.67  | 26.29745   | (16121406) | 389079.11   |
| 3825946.38  | 26.96194    | (16121406) |            |             |
| 389058.00   | 3825937.09  | 26.61895   | (16121406) | 389036.90   |
| 3825927.80  | 25.21255    | (16121406) |            |             |
| 389015.80   | 3825918.51  | 23.36563   | (16121406) | 388994.70   |
| 3825909.22  | 22.24928    | (20020718) |            |             |
| 388973.60   | 3825899.93  | 22.42870   | (20020718) | 388952.49   |
| 3825890.64  | 22.64699    | (20020718) |            |             |
| 388804.78   | 3825825.62  | 26.16138   | (17091023) | 388783.68   |
| 3825816.33  | 26.24951    | (17091023) |            |             |
| 388762.58   | 3825807.04  | 26.18720   | (17091023) | 388741.47   |
| 3825797.75  | 25.97567    | (17091023) |            |             |
| 388720.37   | 3825788.46  | 25.61897   | (17091023) | 388699.27   |
| 3825779.17  | 25.12332    | (17091023) |            |             |
| 388678.17   | 3825769.88  | 24.49725   | (17091023) | 388657.07   |
| 3825760.59  | 23.75127    | (17091023) |            |             |
| 388635.96   | 3825751.30  | 22.89726   | (17091023) | 388614.86   |
| 3825742.01  | 22.95603    | (20111107) |            |             |
| 388593.76   | 3825732.72  | 24.13607   | (20111107) | 388572.66   |
| 3825723.43  | 25.23243    | (20111107) |            |             |
| 388551.56   | 3825714.14  | 26.22886   | (20111107) | 388530.45   |
| 3825704.85  | 27.11050    | (20111107) |            |             |
| 388509.35   | 3825695.56  | 27.86305   | (20111107) | 388488.25   |
| 3825686.27  | 28.47498    | (20111107) |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387538.66   | 3825268.25  | 20.10123   | (16031907) | 387517.56   |
| 3825258.96  | 19.39869    | (16031907) |            |             |
| 387496.46   | 3825249.67  | 20.38495   | (19062704) | 387475.36   |
| 3825240.38  | 21.38721    | (19062704) |            |             |
| 387454.26   | 3825231.09  | 22.32208   | (19062704) | 387433.15   |
| 3825221.80  | 23.17736    | (19062704) |            |             |
| 387412.05   | 3825212.51  | 23.94075   | (19062704) | 387390.95   |
| 3825203.22  | 24.60194    | (19062704) |            |             |
| 387369.85   | 3825193.93  | 25.15159   | (19062704) | 387348.75   |
| 3825184.64  | 25.58192    | (19062704) |            |             |
| 387327.64   | 3825175.35  | 25.88694   | (19062704) | 387306.54   |
| 3825166.06  | 26.06225    | (19062704) |            |             |
| 387285.44   | 3825156.77  | 26.10572   | (19062704) | 387264.34   |
| 3825147.49  | 26.01713    | (19062704) |            |             |
| 387243.24   | 3825138.20  | 25.79821   | (19062704) | 387222.13   |
| 3825128.91  | 25.45251    | (19062704) |            |             |
| 387201.03   | 3825119.62  | 24.98582   | (19062704) | 387179.93   |
| 3825110.33  | 24.40526    | (19062704) |            |             |
| 387158.83   | 3825101.04  | 23.71959   | (19062704) | 387137.73   |
| 3825091.75  | 22.93883    | (19062704) |            |             |
| 387116.62   | 3825082.46  | 22.07377   | (19062704) | 387095.52   |
| 3825073.17  | 21.13691    | (19062704) |            |             |
| 387074.42   | 3825063.88  | 20.41609   | (20010717) | 387053.32   |
| 3825054.59  | 21.22253    | (20010717) |            |             |
| 387032.22   | 3825045.30  | 21.95124   | (20010717) | 387011.11   |
| 3825036.01  | 22.59276    | (20010717) |            |             |
| 386990.01   | 3825026.72  | 23.13808   | (20010717) | 386968.91   |
| 3825017.43  | 23.58006    | (20010717) |            |             |
| 386947.81   | 3825008.14  | 23.91275   | (20010717) | 386926.71   |
| 3824998.85  | 24.13173    | (20010717) |            |             |
| 386905.60   | 3824989.56  | 24.23421   | (20010717) | 386884.50   |
| 3824980.28  | 24.21908    | (20010717) |            |             |
| 386863.40   | 3824970.99  | 24.08703   | (20010717) | 386842.30   |
| 3824961.70  | 23.84033    | (20010717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386821.20  | 3824952.41 | 23.48292   | (20010717) | 386800.10 |
| 3824943.12 | 23.02023   | (20010717) |            |           |
| 386778.99  | 3824933.83 | 22.45889   | (20010717) | 386757.89 |
| 3824924.54 | 22.30403   | (18122218) |            |           |
| 386736.79  | 3824915.25 | 22.55072   | (18122218) | 386715.69 |
| 3824905.96 | 22.69159   | (18122218) |            |           |
| 386694.59  | 3824896.67 | 22.72502   | (18122218) | 386673.48 |
| 3824887.38 | 22.65086   | (18122218) |            |           |
| 386652.38  | 3824878.09 | 22.47062   | (18122218) | 386631.28 |
| 3824868.80 | 22.18720   | (18122218) |            |           |
| 386610.18  | 3824859.51 | 21.80490   | (18122218) | 386589.08 |
| 3824850.22 | 21.32933   | (18122218) |            |           |
| 386567.97  | 3824840.93 | 20.76706   | (18122218) | 386546.87 |
| 3824831.64 | 20.94040   | (16112518) |            |           |
| 386525.77  | 3824822.35 | 21.12298   | (16112518) | 386504.67 |
| 3824813.06 | 21.68240   | (17010720) |            |           |
| 386483.57  | 3824803.78 | 22.65502   | (17010720) | 386462.46 |
| 3824794.49 | 23.56172   | (17010720) |            |           |
| 386441.36  | 3824785.20 | 24.39073   | (17010720) | 386420.26 |
| 3824775.91 | 25.13225   | (17010720) |            |           |
| 386399.16  | 3824766.62 | 25.77714   | (17010720) | 386378.06 |
| 3824757.33 | 26.31737   | (17010720) |            |           |
| 386356.95  | 3824748.04 | 26.74633   | (17010720) | 386335.85 |
| 3824738.75 | 27.05848   | (17010720) |            |           |
| 386314.75  | 3824729.46 | 27.25023   | (17010720) | 386293.65 |
| 3824720.17 | 27.31947   | (17010720) |            |           |
| 386272.55  | 3824710.88 | 27.26573   | (17010720) | 386251.44 |
| 3824701.59 | 27.09013   | (17010720) |            |           |
| 386230.34  | 3824692.30 | 26.79563   | (17010720) | 386167.04 |
| 3824664.43 | 25.24908   | (17010720) |            |           |
| 386145.93  | 3824655.14 | 24.53584   | (17010720) | 386124.83 |
| 3824645.85 | 23.73863   | (17010720) |            |           |
| 386103.73  | 3824636.57 | 22.86749   | (17010720) | 386082.63 |
| 3824627.28 | 22.12772   | (18091303) |            |           |
| 386061.53  | 3824617.99 | 22.06889   | (18091303) | 386040.43 |
| 3824608.70 | 21.91439   | (18091303) |            |           |
| 386019.32  | 3824599.41 | 21.66650   | (18091303) | 385998.22 |
| 3824590.12 | 21.32896   | (18091303) |            |           |
| 385977.12  | 3824580.83 | 20.90636   | (18091303) | 385956.02 |
| 3824571.54 | 20.40433   | (18091303) |            |           |
| 385934.92  | 3824562.25 | 20.43825   | (18111302) | 385913.81 |
| 3824552.96 | 20.64658   | (18111302) |            |           |
| 385892.71  | 3824543.67 | 20.76765   | (18111302) | 385871.61 |
| 3824534.38 | 20.80035   | (18111302) |            |           |
| 385850.51  | 3824525.09 | 20.74462   | (18111302) | 385821.22 |
| 3824494.25 | 20.78161   | (18070504) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385813.03   | 3824472.70  | 21.40959   | (18070504) | 385804.84   |
| 3824451.14  | 21.95892    | (18070504) |            |             |
| 385796.65   | 3824429.59  | 22.42192   | (18070504) | 385788.47   |
| 3824408.04  | 22.79237    | (18070504) |            |             |
| 385780.28   | 3824386.48  | 23.06533   | (18070504) | 385772.09   |
| 3824364.93  | 23.23647    | (18070504) |            |             |
| 385763.90   | 3824343.38  | 23.30327   | (18070504) | 385755.71   |
| 3824321.82  | 23.26441    | (18070504) |            |             |
| 385747.53   | 3824300.27  | 23.12015   | (18070504) | 385739.34   |
| 3824278.72  | 22.87196    | (18070504) |            |             |
| 385731.15   | 3824257.16  | 22.52277   | (18070504) | 385722.96   |
| 3824235.61  | 22.83656    | (19111222) |            |             |
| 385714.77   | 3824214.06  | 23.29486   | (19111222) | 385706.59   |
| 3824192.50  | 23.65361    | (19111222) |            |             |
| 385698.40   | 3824170.95  | 23.90748   | (19111222) | 385690.21   |
| 3824149.40  | 24.05268    | (19111222) |            |             |
| 385682.02   | 3824127.84  | 24.08685   | (19111222) | 385673.83   |
| 3824106.29  | 24.00908    | (19111222) |            |             |
| 385665.64   | 3824084.74  | 23.82014   | (19111222) | 385657.46   |
| 3824063.18  | 23.52228    | (19111222) |            |             |
| 385649.27   | 3824041.63  | 23.11924   | (19111222) | 385641.08   |
| 3824020.08  | 22.61623    | (19111222) |            |             |
| 385632.89   | 3823998.52  | 22.01954   | (19111222) | 385624.70   |
| 3823976.97  | 21.33725    | (19111222) |            |             |
| 385616.52   | 3823955.42  | 20.57813   | (19111222) | 385608.33   |
| 3823933.87  | 19.75119    | (19111222) |            |             |
| 385600.14   | 3823912.31  | 20.12739   | (19112123) | 385591.95   |
| 3823890.76  | 20.94511    | (19112123) |            |             |
| 385583.76   | 3823869.21  | 21.69299   | (19112123) | 385575.58   |
| 3823847.65  | 22.36111    | (19112123) |            |             |
| 385567.39   | 3823826.10  | 22.94007   | (19112123) | 385559.20   |
| 3823804.55  | 23.42172    | (19112123) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3823761.44 | 385551.01 | 3823782.99 | 23.79917 | (19112123) | 385542.82 |
|            |           | 24.06643   |          | (19112123) |           |
| 3823718.33 | 385534.64 | 3823739.89 | 24.21950 | (19112123) | 385526.45 |
|            |           | 24.25586   |          | (19112123) |           |
| 3823675.23 | 385518.26 | 3823696.78 | 24.17454 | (19112123) | 385510.07 |
|            |           | 24.43833   |          | (16022104) |           |
| 3823632.12 | 385501.88 | 3823653.67 | 25.24917 | (16022104) | 385493.70 |
|            |           | 25.95987   |          | (16022104) |           |
| 3823589.01 | 385485.51 | 3823610.57 | 26.56092 | (16022104) | 385477.32 |
|            |           | 27.04346   |          | (16022104) |           |
| 3823545.91 | 385469.13 | 3823567.46 | 27.39981 | (16022104) | 385460.94 |
|            |           | 27.62462   |          | (16022104) |           |
| 3823502.80 | 385452.76 | 3823524.35 | 27.71424 | (16022104) | 385444.57 |
|            |           | 27.66686   |          | (16022104) |           |
| 3823459.69 | 385436.38 | 3823481.25 | 27.48284 | (16022104) | 385428.19 |
|            |           | 27.16439   |          | (16022104) |           |
| 3823416.59 | 385420.00 | 3823438.14 | 26.71601 | (16022104) | 385411.82 |
|            |           | 26.14404   |          | (16022104) |           |
| 3823373.48 | 385403.63 | 3823395.03 | 26.32712 | (17010803) | 385395.44 |
|            |           | 26.71431   |          | (17010803) |           |
| 3823330.37 | 385387.25 | 3823351.93 | 26.97174 | (17010803) | 385379.06 |
|            |           | 27.09524   |          | (17010803) |           |
| 3823287.27 | 385370.88 | 3823308.82 | 27.08250 | (17010803) | 385362.69 |
|            |           | 26.93338   |          | (17010803) |           |
| 3823244.16 | 385354.50 | 3823265.71 | 26.64965 | (17010803) | 385346.31 |
|            |           | 26.23539   |          | (17010803) |           |
| 3823201.05 | 385338.12 | 3823222.61 | 26.50394 | (16102117) | 385329.94 |
|            |           | 27.06052   |          | (16102117) |           |
| 3823157.95 | 385321.75 | 3823179.50 | 27.48859 | (16102117) | 385313.56 |
|            |           | 27.78149   |          | (16102117) |           |
| 3823114.84 | 385305.37 | 3823136.40 | 27.93440 | (16102117) | 385297.18 |
|            |           | 27.94462   |          | (16102117) |           |
| 3823071.74 | 385289.00 | 3823093.29 | 27.81168 | (16102117) | 385280.81 |
|            |           | 27.53717   |          | (16102117) |           |
| 3823028.63 | 385272.62 | 3823050.18 | 27.12480 | (16102117) | 385264.43 |
|            |           | 26.63940   |          | (19112102) |           |
| 3822985.52 | 385256.24 | 3823007.08 | 27.21996 | (19112102) | 385248.06 |
|            |           | 27.66991   |          | (19112102) |           |
| 3822942.42 | 385239.87 | 3822963.97 | 27.98188 | (19112102) | 385231.68 |
|            |           | 28.15081   |          | (19112102) |           |
| 3822899.31 | 385223.49 | 3822920.86 | 28.17373 | (19112102) | 385215.30 |
|            |           | 28.04988   |          | (19112102) |           |
| 3822856.20 | 385207.11 | 3822877.76 | 27.78091 | (19112102) | 385198.93 |
|            |           | 27.37062   |          | (19112102) |           |
| 3822813.10 | 385190.74 | 3822834.65 | 26.82505 | (19112102) | 385182.55 |
|            |           | 27.34549   |          | (20021308) |           |
| 3822769.99 | 385174.36 | 3822791.54 | 27.80608 | (20021308) | 385166.17 |
|            |           | 28.12589   |          | (20021308) |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 819

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385157.99   | 3822748.44  | 28.29981   | (20021308) | 385149.80   |
| 3822726.88  | 28.32480    | (20021308) |            |             |
| 385141.61   | 3822705.33  | 28.20004   | (20021308) | 385133.42   |
| 3822683.78  | 27.92724    | (20021308) |            |             |
| 385125.23   | 3822662.22  | 27.51019   | (20021308) | 385117.05   |
| 3822640.67  | 26.95559    | (20021308) |            |             |
| 385108.86   | 3822619.12  | 27.50649   | (18022807) | 385100.67   |
| 3822597.56  | 27.96792    | (18022807) |            |             |
| 385092.48   | 3822576.01  | 28.28555   | (18022807) | 385084.29   |
| 3822554.46  | 28.45425    | (18022807) |            |             |
| 385076.11   | 3822532.90  | 28.47103   | (18022807) | 385067.92   |
| 3822511.35  | 28.33524    | (18022807) |            |             |
| 385059.73   | 3822489.80  | 28.04879   | (18022807) | 385051.54   |
| 3822468.24  | 27.61578    | (18022807) |            |             |
| 385043.35   | 3822446.69  | 27.04310   | (18022807) | 385035.17   |
| 3822425.14  | 26.33953    | (18022807) |            |             |
| 385026.98   | 3822403.59  | 25.51531   | (18022807) | 385018.79   |
| 3822382.03  | 24.60087    | (19022323) |            |             |
| 385010.60   | 3822360.48  | 24.73362   | (19022323) | 385002.41   |
| 3822338.93  | 24.73249    | (19022323) |            |             |
| 384994.23   | 3822317.37  | 24.74891   | (19122817) | 384986.04   |
| 3822295.82  | 25.68806    | (19122817) |            |             |
| 384977.85   | 3822274.27  | 26.51831   | (19122817) | 384969.66   |
| 3822252.71  | 27.22700    | (19122817) |            |             |
| 384961.47   | 3822231.16  | 27.80226   | (19122817) | 384953.29   |
| 3822209.61  | 28.23493    | (19122817) |            |             |
| 384945.10   | 3822188.05  | 28.51801   | (19122817) | 384936.91   |
| 3822166.50  | 28.64629    | (19122817) |            |             |
| 384928.72   | 3822144.95  | 28.61756   | (19122817) | 384920.53   |
| 3822123.39  | 28.43193    | (19122817) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 384912.35  | 3822101.84          | 28.09243 | (19122817) | 384904.16 |
| 3822080.29 | 27.60411 (19122817) |          |            |           |
| 384895.97  | 3822058.73          | 26.97445 | (19122817) | 384887.78 |
| 3822037.18 | 26.96434 (18120617) |          |            |           |
| 384879.59  | 3822015.63          | 27.35467 | (18120617) | 384871.41 |
| 3821994.07 | 27.59759 (18120617) |          |            |           |
| 384863.22  | 3821972.52          | 27.68870 | (18120617) | 384855.03 |
| 3821950.97 | 27.62635 (18120617) |          |            |           |
| 384846.84  | 3821929.41          | 27.41124 | (18120617) | 384838.65 |
| 3821907.86 | 27.04685 (18120617) |          |            |           |
| 384830.47  | 3821886.31          | 26.53906 | (18120617) | 384822.28 |
| 3821864.75 | 26.87162 (20120617) |          |            |           |
| 384814.09  | 3821843.20          | 27.37593 | (20120617) | 384805.90 |
| 3821821.65 | 27.73449 (20120617) |          |            |           |
| 384797.71  | 3821800.09          | 27.94125 | (20120617) | 384789.53 |
| 3821778.54 | 27.99239 (20120617) |          |            |           |
| 384781.34  | 3821756.99          | 27.88694 | (20120617) | 384773.15 |
| 3821735.43 | 27.62633 (20120617) |          |            |           |
| 384764.96  | 3821713.88          | 27.21490 | (20120617) | 384756.77 |
| 3821692.33 | 27.26638 (19010818) |          |            |           |
| 384748.58  | 3821670.78          | 27.89101 | (19010818) | 384740.40 |
| 3821649.22 | 28.37010 (19010818) |          |            |           |
| 384732.21  | 3821627.67          | 28.69527 | (19010818) | 384724.02 |
| 3821606.12 | 28.86106 (19010818) |          |            |           |
| 384715.83  | 3821584.56          | 28.86445 | (19010818) | 384707.64 |
| 3821563.01 | 28.70518 (19010818) |          |            |           |
| 384699.46  | 3821541.46          | 28.38591 | (19010818) | 384691.27 |
| 3821519.90 | 27.91142 (19010818) |          |            |           |
| 384683.08  | 3821498.35          | 27.51008 | (17061502) | 384674.89 |
| 3821476.80 | 28.09092 (17061502) |          |            |           |
| 384666.70  | 3821455.24          | 28.52211 | (17061502) | 384658.52 |
| 3821433.69 | 28.79589 (17061502) |          |            |           |
| 384650.33  | 3821412.14          | 28.90776 | (17061502) | 384642.14 |
| 3821390.58 | 28.85556 (17061502) |          |            |           |
| 384633.95  | 3821369.03          | 28.64005 | (17061502) | 384625.76 |
| 3821347.48 | 28.26475 (17061502) |          |            |           |
| 384617.58  | 3821325.92          | 27.73575 | (17061502) | 384609.39 |
| 3821304.37 | 27.82616 (19110606) |          |            |           |
| 384601.20  | 3821282.82          | 28.35799 | (19110606) | 384593.01 |
| 3821261.26 | 28.73576 (19110606) |          |            |           |
| 384584.82  | 3821239.71          | 28.95265 | (19110606) | 384576.64 |
| 3821218.16 | 29.00506 (19110606) |          |            |           |
| 384568.45  | 3821196.60          | 28.89187 | (19110606) | 384560.26 |
| 3821175.05 | 28.61493 (19110606) |          |            |           |
| 384552.07  | 3821153.50          | 28.17885 | (19110606) | 384543.88 |
| 3821131.94 | 27.59061 (19110606) |          |            |           |
| 384535.70  | 3821110.39          | 26.86053 | (19110606) | 384527.51 |
| 3821088.84 | 25.99998 (19110606) |          |            |           |
| 384519.32  | 3821067.28          | 25.02246 | (19110606) | 384511.13 |
| 3821045.73 | 23.94399 (19110606) |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 820

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
|            | 384502.94   | 3821024.18  | 22.78058   | (19110606) | 384494.76   |
| 3821002.62 | 21.54902    | (19110606)  |            |            |             |
|            | 384486.57   | 3820981.07  | 21.08383   | (17090904) | 384478.38   |
| 3820959.52 | 21.76465    | (17090904)  |            |            |             |
|            | 384470.19   | 3820937.97  | 22.33870   | (17090904) | 384462.00   |
| 3820916.41 | 22.79659    | (17090904)  |            |            |             |
|            | 384453.82   | 3820894.86  | 23.13019   | (17090904) | 384445.63   |
| 3820873.31 | 23.33404    | (17090904)  |            |            |             |
|            | 384437.44   | 3820851.75  | 23.40457   | (17090904) | 384429.25   |
| 3820830.20 | 23.33471    | (17090904)  |            |            |             |
|            | 384421.06   | 3820808.65  | 22.99109   | (17090904) | 384412.88   |
| 3820787.09 | 22.52885    | (17090904)  |            |            |             |
|            | 384404.69   | 3820765.54  | 22.87482   | (18121622) | 384396.50   |
| 3820743.99 | 23.64407    | (18121622)  |            |            |             |
|            | 384388.31   | 3820722.43  | 24.26962   | (18121622) | 384380.12   |
| 3820700.88 | 24.60486    | (18121622)  |            |            |             |
|            | 384371.94   | 3820679.33  | 24.76046   | (18121622) | 384363.75   |
| 3820657.77 | 24.76010    | (18121622)  |            |            |             |
|            | 384355.56   | 3820636.22  | 24.58079   | (18121622) | 384347.37   |
| 3820614.67 | 25.40001    | (16122217)  |            |            |             |
|            | 384339.18   | 3820593.11  | 26.39403   | (16122217) | 384331.00   |
| 3820571.56 | 27.09557    | (16122217)  |            |            |             |
|            | 384322.81   | 3820550.01  | 27.41965   | (16122217) | 384314.62   |
| 3820528.45 | 26.97791    | (16122217)  |            |            |             |
|            | 384306.43   | 3820506.90  | 26.48192   | (16122217) | 384298.24   |
| 3820485.35 | 25.94263    | (16122217)  |            |            |             |
|            | 384290.05   | 3820463.79  | 25.30828   | (16122217) | 384281.87   |
| 3820442.24 | 24.86760    | (16122217)  |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3820399.13 | 384273.68 | 3820420.69 | 24.53718   | (16122217) | 384265.49 |
|            |           | 24.32150   | (16122217) |            |           |
|            | 384257.30 | 3820377.58 | 23.92873   | (16122217) | 384249.11 |
| 3820356.03 |           | 24.47542   | (18121517) |            |           |
|            | 384240.93 | 3820334.47 | 25.18486   | (18121517) | 384232.74 |
| 3820312.92 |           | 25.75518   | (18121517) |            |           |
|            | 384224.55 | 3820291.37 | 26.06465   | (18121517) | 384216.36 |
| 3820269.81 |           | 26.14193   | (18121517) |            |           |
|            | 384208.17 | 3820248.26 | 25.98928   | (18121517) | 384199.99 |
| 3820226.71 |           | 26.09375   | (18121517) |            |           |
|            | 384191.80 | 3820205.15 | 26.97584   | (17013018) | 384183.61 |
| 3820183.60 |           | 28.10259   | (17013018) |            |           |
|            | 384175.42 | 3820162.05 | 28.56738   | (17013018) | 384167.23 |
| 3820140.50 |           | 28.87269   | (17013018) |            |           |
|            | 384159.05 | 3820118.94 | 29.01342   | (17013018) | 384150.86 |
| 3820097.39 |           | 28.98701   | (17013018) |            |           |
|            | 384142.67 | 3820075.84 | 28.79411   | (17013018) | 384134.48 |
| 3820054.28 |           | 28.43789   | (17013018) |            |           |
|            | 384126.29 | 3820032.73 | 27.92480   | (17013018) | 384118.11 |
| 3820011.18 |           | 27.72616   | (18102822) |            |           |
|            | 384109.92 | 3819989.62 | 28.27997   | (18102822) | 384101.73 |
| 3819968.07 |           | 28.67883   | (18102822) |            |           |
|            | 384093.54 | 3819946.52 | 28.91627   | (18102822) | 384085.35 |
| 3819924.96 |           | 28.98834   | (18102822) |            |           |
|            | 384077.17 | 3819903.41 | 28.89385   | (18102822) | 384068.98 |
| 3819881.86 |           | 28.63449   | (18102822) |            |           |
|            | 384060.79 | 3819860.30 | 28.21464   | (18102822) | 384052.60 |
| 3819838.75 |           | 27.64182   | (18102822) |            |           |
|            | 384044.41 | 3819817.20 | 26.92560   | (18102822) | 384036.23 |
| 3819795.64 |           | 26.07765   | (18102822) |            |           |
|            | 384028.04 | 3819774.09 | 25.11213   | (18102822) | 384019.85 |
| 3819752.54 |           | 24.04414   | (18102822) |            |           |
|            | 384011.66 | 3819730.98 | 22.88956   | (18102822) | 384003.47 |
| 3819709.43 |           | 21.89361   | (20011502) |            |           |
|            | 383995.29 | 3819687.88 | 22.09497   | (17111117) | 383987.10 |
| 3819666.32 |           | 22.82259   | (17111117) |            |           |
|            | 383978.91 | 3819644.77 | 23.43908   | (17111117) | 383970.72 |
| 3819623.22 |           | 23.93476   | (17111117) |            |           |
|            | 383962.53 | 3819601.66 | 24.30162   | (17111117) | 383954.35 |
| 3819580.11 |           | 24.53328   | (17111117) |            |           |
|            | 383946.16 | 3819558.56 | 24.62611   | (17111117) | 383937.97 |
| 3819537.00 |           | 24.57860   | (17111117) |            |           |
|            | 383929.78 | 3819515.45 | 24.39172   | (17111117) | 383921.59 |
| 3819493.90 |           | 24.06878   | (17111117) |            |           |
|            | 383913.41 | 3819472.34 | 24.44369   | (19120417) | 383905.22 |
| 3819450.79 |           | 25.05025   | (19120417) |            |           |
|            | 383897.03 | 3819429.24 | 25.52607   | (19120417) | 383888.84 |
| 3819407.69 |           | 25.86339   | (19120417) |            |           |
|            | 383880.65 | 3819386.13 | 26.05675   | (19120417) | 383872.47 |
| 3819364.58 |           | 26.10287   | (19120417) |            |           |



383864.28 3819343.03 26.00122 (19120417) 383856.09  
 3819321.47 25.75357 (19120417)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 821

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 383847.90   | 3819299.92  | 26.47513   | (16012605) | 383839.71   |
| 3819278.37  | 27.23246    | (16012605) |            |             |
| 383831.52   | 3819256.81  | 27.85352   | (16012605) | 383823.34   |
| 3819235.26  | 28.32773    | (16012605) |            |             |
| 383815.15   | 3819213.71  | 28.64778   | (16012605) | 383806.96   |
| 3819192.15  | 28.80850    | (16012605) |            |             |
| 383798.77   | 3819170.60  | 28.80725   | (16012605) | 383790.58   |
| 3819149.05  | 28.64436    | (16012605) |            |             |
| 383782.40   | 3819127.49  | 28.32268   | (16012605) | 383774.21   |
| 3819105.94  | 27.84792    | (16012605) |            |             |
| 383766.02   | 3819084.39  | 27.22805   | (16012605) | 383757.83   |
| 3819062.83  | 26.47302    | (16012605) |            |             |
| 383749.64   | 3819041.28  | 26.74064   | (17121517) | 383741.46   |
| 3819019.73  | 26.99743    | (17121517) |            |             |
| 383733.27   | 3818998.17  | 27.10467   | (17121517) | 383725.08   |
| 3818976.62  | 27.06068    | (17121517) |            |             |
| 383716.89   | 3818955.07  | 26.86648   | (17121517) | 383708.70   |
| 3818933.51  | 26.52537    | (17121517) |            |             |
| 383700.52   | 3818911.96  | 26.66319   | (16111417) | 383692.33   |
| 3818890.41  | 27.33288    | (16111417) |            |             |
| 383684.14   | 3818868.85  | 27.86404   | (16111417) | 383675.95   |
| 3818847.30  | 28.24779    | (16111417) |            |             |
| 383667.76   | 3818825.75  | 28.47836   | (16111417) | 383659.58   |
| 3818804.19  | 28.55223    | (16111417) |            |             |
| 383651.39   | 3818782.64  | 28.46830   | (16111417) | 383643.20   |
| 3818761.09  | 28.22832    | (16111417) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 383635.01  | 3818739.53 | 27.83629   | (16111417) | 383626.82 |
| 3818717.98 | 27.29916   | (16111417) |            |           |
| 383250.17  | 3817726.53 | 10.82907   | (19011117) | 383241.99 |
| 3817704.98 | 10.00282   | (19011117) |            |           |
| 383233.80  | 3817683.43 | 9.08808    | (19011117) | 383225.61 |
| 3817661.87 | 8.57495    | (19120324) |            |           |
| 383217.42  | 3817640.32 | 8.70910    | (19120324) | 383209.23 |
| 3817618.77 | 9.23639    | (19120324) |            |           |
| 383201.05  | 3817597.21 | 9.37016    | (19120324) | 383192.86 |
| 3817575.66 | 9.13620    | (19120324) |            |           |
| 383184.67  | 3817554.11 | 9.00584    | (19120324) | 383176.48 |
| 3817532.55 | 9.56428    | (16111707) |            |           |
| 383168.29  | 3817511.00 | 10.59478   | (16111707) | 383160.11 |
| 3817489.45 | 12.21186   | (16111707) |            |           |
| 383151.92  | 3817467.89 | 14.15168   | (16111707) | 383143.73 |
| 3817446.34 | 15.53725   | (16111707) |            |           |
| 383135.54  | 3817424.79 | 16.14349   | (16111707) | 383127.35 |
| 3817403.23 | 15.07325   | (16111707) |            |           |
| 383119.17  | 3817381.68 | 13.73160   | (18111703) | 383110.98 |
| 3817360.13 | 12.50723   | (18111703) |            |           |
| 383102.79  | 3817338.57 | 11.35452   | (18111703) | 383094.60 |
| 3817317.02 | 10.79130   | (18111703) |            |           |
| 383086.41  | 3817295.47 | 10.62111   | (18111703) | 383078.23 |
| 3817273.91 | 11.11873   | (18111703) |            |           |
| 383070.04  | 3817252.36 | 11.42819   | (18111703) | 383061.85 |
| 3817230.81 | 11.44618   | (18111703) |            |           |
| 383053.66  | 3817209.26 | 11.11091   | (18111703) | 383045.47 |
| 3817187.70 | 11.37660   | (18111703) |            |           |
| 383037.29  | 3817166.15 | 12.64227   | (16062705) | 383029.10 |
| 3817144.60 | 14.67464   | (16062705) |            |           |
| 383020.91  | 3817123.04 | 17.03858   | (16062705) | 383012.72 |
| 3817101.49 | 19.33927   | (16062705) |            |           |
| 383004.53  | 3817079.94 | 21.44573   | (16062705) | 382996.35 |
| 3817058.38 | 23.10034   | (16062705) |            |           |
| 382988.16  | 3817036.83 | 23.78625   | (16062705) | 382979.97 |
| 3817015.28 | 24.02208   | (16062705) |            |           |
| 382971.78  | 3816993.72 | 23.93073   | (16062705) | 382963.59 |
| 3816972.17 | 22.99944   | (16062705) |            |           |
| 382955.41  | 3816950.62 | 21.52699   | (16062705) | 382947.22 |
| 3816929.06 | 20.50712   | (19120217) |            |           |
| 382939.03  | 3816907.51 | 20.22037   | (19120217) | 382930.84 |
| 3816885.96 | 20.50778   | (19120217) |            |           |
| 382922.65  | 3816864.40 | 20.90887   | (19120217) | 382914.46 |
| 3816842.85 | 21.08808   | (19120217) |            |           |
| 382906.28  | 3816821.30 | 20.60795   | (19120217) | 382898.09 |
| 3816799.74 | 20.38244   | (19120217) |            |           |
| 382889.90  | 3816778.19 | 20.72142   | (19120217) | 382881.71 |
| 3816756.64 | 21.17305   | (19120217) |            |           |
| 382873.52  | 3816735.08 | 21.01376   | (19120217) | 382865.34 |
| 3816713.53 | 20.99556   | (17011306) |            |           |

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
|            | 382824.40   | 3816605.76  | 21.33498   | (17011306) | 382816.21   |
| 3816584.21 | 20.40055    | (17011306)  |            |            |             |
|            | 382808.02   | 3816562.66  | 19.39454   | (17011306) | 382799.83   |
| 3816541.10 | 18.21506    | (17011306)  |            |            |             |
|            | 382791.64   | 3816519.55  | 17.21729   | (19110706) | 382783.46   |
| 3816498.00 | 16.26749    | (19110706)  |            |            |             |
|            | 382775.27   | 3816476.44  | 14.76935   | (19110706) | 382767.08   |
| 3816454.89 | 13.13694    | (19110706)  |            |            |             |
|            | 382758.89   | 3816433.34  | 11.55234   | (19110706) | 382750.70   |
| 3816411.79 | 10.07609    | (19110706)  |            |            |             |
|            | 382742.52   | 3816390.23  | 8.68079    | (19110706) | 382734.33   |
| 3816368.68 | 7.37290     | (19110706)  |            |            |             |
|            | 382726.14   | 3816347.13  | 6.20599    | (19110706) | 382717.95   |
| 3816325.57 | 5.18774     | (19110706)  |            |            |             |
|            | 382709.76   | 3816304.02  | 4.35918    | (19110706) | 382701.58   |
| 3816282.47 | 3.89104     | (19110706)  |            |            |             |
|            | 382693.39   | 3816260.91  | 3.82789    | (19110706) | 382685.20   |
| 3816239.36 | 4.06812     | (18010218)  |            |            |             |
|            | 382677.01   | 3816217.81  | 4.27788    | (18010218) | 382668.82   |
| 3816196.25 | 4.15494     | (18010218)  |            |            |             |
|            | 382660.64   | 3816174.70  | 3.74401    | (18010218) | 382652.45   |
| 3816153.15 | 3.30689     | (18091707)  |            |            |             |
|            | 382644.26   | 3816131.59  | 3.32980    | (18091707) | 382636.07   |
| 3816110.04 | 3.34930     | (18091707)  |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 382627.88  | 3816088.49          | 3.36540  | (18091707) | 382619.70 |
| 3816066.93 | 3.37802 (18091707)  |          |            |           |
| 382611.51  | 3816045.38          | 3.38711  | (18091707) | 382603.32 |
| 3816023.83 | 3.39264 (18091707)  |          |            |           |
| 382595.13  | 3816002.27          | 3.39459  | (18091707) | 382586.94 |
| 3815980.72 | 3.39296 (18091707)  |          |            |           |
| 394299.11  | 3828205.39          | 3.04365  | (18021708) | 394322.17 |
| 3828205.81 | 3.02630 (18021708)  |          |            |           |
| 394345.22  | 3828206.23          | 2.98836  | (18021708) | 394368.28 |
| 3828206.65 | 2.94192 (18021708)  |          |            |           |
| 394391.34  | 3828207.07          | 2.89149  | (18021708) | 394414.40 |
| 3828207.49 | 2.84288 (18021708)  |          |            |           |
| 394604.64  | 3816359.93          | 25.28390 | (16040612) | 394579.65 |
| 3816360.42 | 22.80891 (16040612) |          |            |           |
| 394554.65  | 3816360.91          | 20.26400 | (16040612) | 394380.63 |
| 3816412.46 | 10.33027 (16092714) |          |            |           |
| 394381.58  | 3816460.57          | 12.86701 | (16040613) | 394331.12 |
| 3816437.50 | 11.65463 (16092714) |          |            |           |
| 394331.59  | 3816461.55          | 12.32102 | (16040613) | 394281.13 |
| 3816438.48 | 11.61277 (16092714) |          |            |           |
| 394180.67  | 3816416.39          | 11.42917 | (20110209) | 394080.69 |
| 3816418.35 | 10.96644 (17100908) |          |            |           |
| 394081.16  | 3816442.41          | 11.89697 | (16020811) | 394081.64 |
| 3816466.46 | 12.66407 (16041710) |          |            |           |
| 393979.77  | 3816372.21          | 10.31710 | (18010609) | 393980.71 |
| 3816420.32 | 11.76599 (18010609) |          |            |           |
| 393981.18  | 3816444.37          | 12.02602 | (18010609) | 393981.66 |
| 3816468.43 | 12.45323 (17012717) |          |            |           |
| 393880.73  | 3816422.28          | 11.97278 | (18010609) | 393881.20 |
| 3816446.33 | 12.20231 (18010609) |          |            |           |
| 393881.67  | 3816470.39          | 12.13909 | (18010609) | 393780.75 |
| 3816424.24 | 11.71701 (18010609) |          |            |           |
| 393781.22  | 3816448.30          | 11.91821 | (18010609) | 393781.69 |
| 3816472.35 | 11.87742 (18010609) |          |            |           |
| 393529.85  | 3816381.04          | 7.31342  | (18122915) | 393530.32 |
| 3816405.10 | 8.01301 (18010609)  |          |            |           |
| 393530.80  | 3816429.15          | 10.17766 | (18010609) | 393531.27 |
| 3816453.21 | 10.48303 (18010609) |          |            |           |
| 393531.74  | 3816477.26          | 10.47897 | (18010609) | 393279.90 |
| 3816385.95 | 7.01980 (17121417)  |          |            |           |
| 393280.37  | 3816410.01          | 7.08027  | (19102923) | 393280.85 |
| 3816434.06 | 8.27349 (18010609)  |          |            |           |
| 393281.32  | 3816458.12          | 9.08066  | (18010609) | 393281.79 |
| 3816482.17 | 9.09278 (18010609)  |          |            |           |
| 393029.95  | 3816390.86          | 6.68518  | (18111221) | 393030.42 |
| 3816414.92 | 6.77082 (18111219)  |          |            |           |
| 393030.89  | 3816438.97          | 7.03874  | (18010609) | 393031.37 |
| 3816463.03 | 7.98498 (18010609)  |          |            |           |
| 393031.84  | 3816487.08          | 8.00334  | (18010609) | 392780.00 |
| 3816395.77 | 6.90046 (17042823)  |          |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392780.47  | 3816419.83          | 7.15351  | (19011609) | 392780.94 |
| 3816443.88 | 7.17200 (17021418)  |          |            |           |
| 392781.41  | 3816467.94          | 7.31039  | (17021418) | 392781.89 |
| 3816491.99 | 7.50440 (18101502)  |          |            |           |
| 392280.09  | 3816405.59          | 42.66445 | (16031906) | 392280.57 |
| 3816429.65 | 39.70380 (19011502) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 823

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| -----       |                      |            |            |             |
| -----       |                      |            |            |             |
| 392281.04   | 3816453.70           | 38.85090   | (17011306) | 392281.51   |
| 3816477.76  | 37.03859 (18120719)  |            |            |             |
| 392281.98   | 3816501.81           | 36.39014   | (19121719) | 391780.19   |
| 3816415.41  | 141.15853 (19110706) |            |            |             |
| 391780.66   | 3816439.47           | 137.56026  | (19110706) | 391781.13   |
| 3816463.52  | 137.28048 (17011306) |            |            |             |
| 391781.61   | 3816487.58           | 135.93899  | (17011306) | 391782.08   |
| 3816511.63  | 139.48900 (19120217) |            |            |             |
| 391280.29   | 3816425.23           | 8.05293    | (16011102) | 391280.76   |
| 3816449.28  | 7.94572 (16011102)   |            |            |             |
| 391281.23   | 3816473.34           | 7.80310    | (17112918) | 391281.70   |
| 3816497.39  | 8.25174 (19122218)   |            |            |             |
| 391282.18   | 3816521.45           | 8.65534    | (19122218) | 390780.38   |
| 3816435.05  | 4.54506 (18091707)   |            |            |             |
| 390780.86   | 3816459.10           | 4.24890    | (18091707) | 390781.33   |
| 3816483.16  | 3.93419 (18091707)   |            |            |             |
| 390781.80   | 3816507.21           | 3.60841    | (18091707) | 390782.27   |
| 3816531.27  | 3.77022 (19122218)   |            |            |             |
| 389447.31   | 3816461.23           | 4.23146    | (18091707) | 389447.78   |
| 3816485.29  | 3.98922 (18091707)   |            |            |             |
| 389448.25   | 3816509.34           | 3.73878    | (18091707) | 389448.72   |
| 3816533.40  | 3.48416 (18091707)   |            |            |             |

|            |                     |           |            |           |
|------------|---------------------|-----------|------------|-----------|
| 389449.20  | 3816557.45          | 3.22737   | (18091707) | 388114.23 |
| 3816487.42 | 4.56299 (16092619)  |           |            |           |
| 388114.70  | 3816511.47          | 4.84157   | (17011306) | 388115.18 |
| 3816535.53 | 5.05022 (17011306)  |           |            |           |
| 388115.65  | 3816559.58          | 5.21849   | (17011306) | 388116.12 |
| 3816583.64 | 5.37619 (17011306)  |           |            |           |
| 386781.15  | 3816513.60          | 25.39824  | (17011306) | 386781.63 |
| 3816537.66 | 27.86776 (17011306) |           |            |           |
| 386782.10  | 3816561.71          | 30.18455  | (17011306) | 384115.95 |
| 3816614.08 | 28.58303 (17011306) |           |            |           |
| 384116.42  | 3816638.14          | 28.80212  | (17011306) | 384116.89 |
| 3816662.19 | 28.67110 (17011306) |           |            |           |
| 382781.93  | 3816592.16          | 17.62250  | (17011306) | 382782.40 |
| 3816616.21 | 17.79260 (17011306) |           |            |           |
| 382782.87  | 3816640.27          | 17.47238  | (17011306) | 382783.34 |
| 3816664.32 | 16.66332 (17011306) |           |            |           |
| 382783.82  | 3816688.38          | 15.61964  | (17011306) | 394422.12 |
| 3816355.67 | 12.47053 (16041713) |           |            |           |
| 394431.55  | 3816074.00          | 15.51679  | (20020918) | 394505.88 |
| 3816102.42 | 17.60229 (18101513) |           |            |           |
| 394845.91  | 3816316.86          | 265.80559 | (19011216) | 394851.99 |
| 3816171.62 | 35.11722 (19052212) |           |            |           |
| 394938.55  | 3816190.78          | 36.95955  | (17042811) | 395146.90 |
| 3816227.99 | 41.14397 (16092213) |           |            |           |
| 395229.26  | 3816259.58          | 29.35922  | (16071017) | 395297.19 |
| 3816294.88 | 22.10562 (18041214) |           |            |           |
| 395477.24  | 3816464.82          | 20.19146  | (20060704) | 395717.89 |
| 3816659.64 | 21.01800 (18010416) |           |            |           |
| 395767.24  | 3816761.28          | 26.54306  | (20011124) | 395838.93 |
| 3816885.79 | 30.03604 (16112124) |           |            |           |
| 395978.53  | 3816995.21          | 44.34410  | (18020705) | 395965.33 |
| 3817015.97 | 73.74126 (17010604) |           |            |           |
| 395897.41  | 3816995.21          | 120.62035 | (19122820) | 395671.02 |
| 3816874.47 | 42.35093 (19021103) |           |            |           |
| 395625.29  | 3816855.97          | 41.72497  | (19021103) | 395595.43 |
| 3816805.48 | 32.35919 (19112923) |           |            |           |
| 395062.29  | 3816461.56          | 119.62547 | (17122015) | 394631.53 |
| 3816455.66 | 30.86742 (16041712) |           |            |           |
| 394629.64  | 3816359.44          | 28.13857  | (20090913) | 394422.91 |
| 3816332.20 | 13.00150 (16040612) |           |            |           |
| 394423.69  | 3816308.73          | 12.88788  | (18103112) | 394424.48 |
| 3816285.25 | 13.43540 (19060812) |           |            |           |
| 394425.26  | 3816261.78          | 13.68021  | (17102113) | 394426.05 |
| 3816238.31 | 14.06661 (19103010) |           |            |           |
| 394426.83  | 3816214.84          | 14.77925  | (18110813) | 394427.62 |
| 3816191.36 | 14.95449 (18101512) |           |            |           |
| 394428.41  | 3816167.89          | 15.88837  | (20012916) | 394429.19 |
| 3816144.42 | 16.58963 (20012917) |           |            |           |
| 394429.98  | 3816120.95          | 16.41519  | (18101514) | 394430.76 |
| 3816097.47 | 16.42349 (19103011) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394450.13  | 3816081.11 | 16.19866   | (20020918) | 394468.71 |
| 3816088.21 | 16.64356   | (16120216) |            |           |
| 394487.30  | 3816095.32 | 17.03110   | (16120216) | 394525.88 |
| 3816115.03 | 18.12351   | (18101513) |            |           |
| 394545.88  | 3816127.65 | 19.19665   | (18101513) | 394565.89 |
| 3816140.26 | 20.69527   | (18101513) |            |           |
| 394585.89  | 3816152.88 | 23.55440   | (20102602) | 394605.89 |
| 3816165.49 | 27.07110   | (20102602) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 824

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 394625.89   | 3816178.10  | 30.70360   | (20102602) | 394645.89   |
| 3816190.72  | 34.75522    | (20021011) |            |             |
| 394665.89   | 3816203.33  | 40.46845   | (20020917) | 394685.90   |
| 3816215.95  | 46.00048    | (20020917) |            |             |
| 394705.90   | 3816228.56  | 53.23527   | (20021012) | 394725.90   |
| 3816241.18  | 64.54907    | (20021012) |            |             |
| 394745.90   | 3816253.79  | 74.50031   | (20060812) | 394765.90   |
| 3816266.40  | 90.81832    | (20060809) |            |             |
| 394785.90   | 3816279.02  | 118.54329  | (16041515) | 394805.91   |
| 3816291.63  | 150.56570   | (20030215) |            |             |
| 394825.91   | 3816304.25  | 194.54038  | (20030214) | 394846.92   |
| 3816292.65  | 194.58470   | (19102718) |            |             |
| 394847.94   | 3816268.45  | 137.81738  | (19102718) | 394848.95   |
| 3816244.24  | 82.71996    | (19011214) |            |             |
| 394849.96   | 3816220.03  | 57.48116   | (19121113) | 394850.98   |
| 3816195.83  | 44.75847    | (19052212) |            |             |
| 394873.63   | 3816176.41  | 34.54379   | (19052212) | 394895.27   |
| 3816181.20  | 38.81344    | (19122212) |            |             |
| 394916.91   | 3816185.99  | 40.77028   | (17042811) | 394961.70   |
| 3816194.91  | 41.54647    | (18122712) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816203.18 | 394984.85 | 3816199.05 | 34.58961   | (19032415) | 395008.00 |
|            |           | 45.18465   | (17042812) |            |           |
|            | 395031.15 | 3816207.32 | 47.95710   | (17042814) | 395054.30 |
| 3816211.45 |           | 56.97518   | (17042817) |            |           |
|            | 395077.45 | 3816215.59 | 55.93740   | (17033023) | 395100.60 |
| 3816219.72 |           | 52.33438   | (17032721) |            |           |
|            | 395123.75 | 3816223.86 | 45.34403   | (18021914) | 395167.49 |
| 3816235.89 |           | 38.98520   | (19031216) |            |           |
|            | 395188.08 | 3816243.79 | 35.27279   | (17102017) | 395208.67 |
| 3816251.68 |           | 32.19595   | (18032515) |            |           |
|            | 395246.24 | 3816268.41 | 27.41663   | (17042614) | 395263.23 |
| 3816277.23 |           | 25.90564   | (17102014) |            |           |
|            | 395280.21 | 3816286.06 | 24.15122   | (19041115) | 395315.20 |
| 3816311.87 |           | 21.34256   | (18041913) |            |           |
|            | 395333.20 | 3816328.87 | 19.90056   | (16013116) | 395351.21 |
| 3816345.86 |           | 19.95477   | (16013124) |            |           |
|            | 395369.21 | 3816362.86 | 19.57977   | (18022415) | 395387.21 |
| 3816379.85 |           | 19.73421   | (16020101) |            |           |
|            | 395405.22 | 3816396.84 | 19.37058   | (20121207) | 395423.23 |
| 3816413.84 |           | 19.26800   | (20051417) |            |           |
|            | 395441.23 | 3816430.83 | 19.52618   | (20012615) | 395459.24 |
| 3816447.83 |           | 19.58740   | (18042824) |            |           |
|            | 395495.75 | 3816479.81 | 20.29929   | (18051916) | 395514.26 |
| 3816494.79 |           | 20.49302   | (20060703) |            |           |
|            | 395532.77 | 3816509.78 | 20.63235   | (18010612) | 395551.29 |
| 3816524.76 |           | 20.80822   | (17081116) |            |           |
|            | 395569.80 | 3816539.75 | 20.85343   | (19070311) | 395588.31 |
| 3816554.74 |           | 20.81217   | (18040119) |            |           |
|            | 395606.82 | 3816569.72 | 20.81146   | (17070618) | 395625.33 |
| 3816584.71 |           | 20.95478   | (16112111) |            |           |
|            | 395643.84 | 3816599.70 | 20.92440   | (19052003) | 395662.36 |
| 3816614.68 |           | 21.13036   | (17031416) |            |           |
|            | 395680.87 | 3816629.67 | 21.16838   | (19021707) | 395699.38 |
| 3816644.65 |           | 21.07746   | (19011720) |            |           |
|            | 395727.76 | 3816679.97 | 21.98493   | (17011824) | 395737.63 |
| 3816700.30 |           | 22.71780   | (17010205) |            |           |
|            | 395747.50 | 3816720.62 | 23.18319   | (18082801) | 395757.37 |
| 3816740.95 |           | 24.02114   | (20011124) |            |           |
|            | 395779.19 | 3816782.03 | 27.70088   | (19032924) | 395791.14 |
| 3816802.78 |           | 29.35646   | (16031301) |            |           |
|            | 395803.08 | 3816823.54 | 30.05465   | (20022405) | 395815.03 |
| 3816844.29 |           | 28.72808   | (17010103) |            |           |
|            | 395826.98 | 3816865.04 | 28.80419   | (17010103) | 395856.38 |
| 3816899.47 |           | 29.39113   | (16113007) |            |           |
|            | 395873.83 | 3816913.15 | 32.57648   | (16113007) | 395891.28 |
| 3816926.82 |           | 35.13585   | (16113007) |            |           |
|            | 395908.73 | 3816940.50 | 37.66140   | (16113007) | 395926.18 |
| 3816954.18 |           | 47.60544   | (18020705) |            |           |
|            | 395943.63 | 3816967.86 | 47.74786   | (18020705) | 395961.08 |
| 3816981.53 |           | 43.73616   | (18020705) |            |           |





|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395308.35  | 3816620.29 | 41.73993   | (18070418) | 395287.85 |
| 3816607.06 | 43.97265   | (20121405) |            |           |
| 395267.34  | 3816593.84 | 48.59984   | (17060911) | 395246.84 |
| 3816580.61 | 53.69829   | (18051715) |            |           |
| 395226.33  | 3816567.38 | 56.94855   | (16081916) | 395205.83 |
| 3816554.15 | 62.00767   | (17081416) |            |           |
| 395185.32  | 3816540.93 | 65.35536   | (16080817) | 395164.82 |
| 3816527.70 | 72.15501   | (16080817) |            |           |
| 395144.31  | 3816514.47 | 79.79394   | (16030517) | 395123.81 |
| 3816501.24 | 89.51002   | (16080515) |            |           |
| 395103.30  | 3816488.02 | 99.68308   | (18061314) | 395082.80 |
| 3816474.79 | 112.16883  | (16090114) |            |           |
| 395038.36  | 3816461.23 | 161.50942  | (16090114) | 395014.43 |
| 3816460.90 | 223.62126  | (16080514) |            |           |
| 394990.50  | 3816460.58 | 321.82046  | (16080818) | 394966.57 |
| 3816460.25 | 517.69503  | (16042118) |            |           |
| 394942.63  | 3816459.92 | 978.74399  | (16041301) | 394918.70 |
| 3816459.59 | 2094.53213 | (17121924) |            |           |
| 394894.77  | 3816459.27 | 2990.99697 | (18110702) | 394870.84 |
| 3816458.94 | 2352.09563 | (20092722) |            |           |
| 394846.91  | 3816458.61 | 1101.42861 | (19010722) | 394822.98 |
| 3816458.28 | 614.34252  | (16020724) |            |           |
| 394799.05  | 3816457.95 | 282.47796  | (17120520) | 394775.12 |
| 3816457.63 | 156.00137  | (18070713) |            |           |
| 394751.19  | 3816457.30 | 87.93067   | (19031113) | 394727.25 |
| 3816456.97 | 80.94334   | (18111001) |            |           |
| 394703.32  | 3816456.64 | 64.98609   | (18111001) | 394679.39 |
| 3816456.32 | 48.41663   | (18111001) |            |           |
| 394655.46  | 3816455.99 | 34.77254   | (17050715) | 394631.06 |
| 3816431.61 | 29.34626   | (16040613) |            |           |
| 394630.59  | 3816407.55 | 24.46967   | (18103111) | 394630.11 |
| 3816383.50 | 27.05890   | (16041713) |            |           |
| 394606.58  | 3816359.02 | 25.34812   | (16040612) | 394583.52 |
| 3816358.60 | 23.15638   | (16040612) |            |           |
| 394560.47  | 3816358.18 | 20.96646   | (16040612) | 394537.41 |
| 3816357.76 | 18.86603   | (16040612) |            |           |
| 394514.35  | 3816357.35 | 16.94667   | (16040612) | 394491.29 |
| 3816356.93 | 15.31000   | (16040612) |            |           |
| 394468.24  | 3816356.51 | 13.90044   | (17011613) | 394445.18 |
| 3816356.09 | 13.08810   | (16041713) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 826

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394631.19   | 3816480.66  | 6.37745c   | (18102116) | 394655.12   |
| 3816480.99  | 7.33372     | (18110908) |            |             |
| 394679.05   | 3816481.31  | 9.93910    | (18110908) | 394702.98   |
| 3816481.64  | 13.44699    | (18070716) |            |             |
| 394726.91   | 3816481.97  | 20.96773   | (17120424) | 394750.84   |
| 3816482.30  | 32.99502    | (17120524) |            |             |
| 394774.77   | 3816482.62  | 66.27048   | (16020724) | 394798.71   |
| 3816482.95  | 139.74928   | (16020724) |            |             |
| 394822.64   | 3816483.28  | 111.60783c | (20122824) | 394846.57   |
| 3816483.61  | 115.24620   | (19073108) |            |             |
| 394870.50   | 3816483.94  | 514.87257  | (17021716) | 394894.43   |
| 3816484.26  | 820.85282   | (19081608) |            |             |
| 394918.36   | 3816484.59  | 773.75479  | (19092716) | 394942.29   |
| 3816484.92  | 661.21728   | (20040416) |            |             |
| 394966.22   | 3816485.25  | 458.44787  | (17051524) | 394990.15   |
| 3816485.57  | 294.12415   | (18052516) |            |             |
| 395014.09   | 3816485.90  | 200.11002  | (18112916) | 395038.02   |
| 3816486.23  | 119.29252   | (17051616) |            |             |
| 395061.95   | 3816486.56  | 86.51541   | (18082516) | 394613.56   |
| 3816498.39  | 6.66820     | (18110908) |            |             |
| 394588.91   | 3816473.88  | 4.77996c   | (18102116) | 394654.78   |
| 3816505.98  | 10.53034    | (18070716) |            |             |
| 394678.71   | 3816506.31  | 14.62227   | (17120424) | 394702.64   |
| 3816506.64  | 18.39870    | (17120524) |            |             |
| 394726.57   | 3816506.97  | 23.84516   | (19010108) | 394750.50   |
| 3816507.29  | 56.31376    | (16020724) |            |             |
| 394774.43   | 3816507.62  | 68.46458   | (16020724) | 394798.36   |
| 3816507.95  | 53.86062c   | (20122824) |            |             |
| 394822.29   | 3816508.28  | 59.36643c  | (19030524) | 394846.23   |
| 3816508.61  | 221.43923   | (17021716) |            |             |
| 394870.16   | 3816508.93  | 269.61497  | (17021716) | 394894.09   |
| 3816509.26  | 480.15514   | (19081608) |            |             |
| 394918.02   | 3816509.59  | 499.48858  | (19092708) | 394941.95   |
| 3816509.92  | 504.72327   | (19092724) |            |             |
| 394965.88   | 3816510.24  | 399.91053  | (18050124) | 394989.81   |
| 3816510.57  | 308.11959   | (16060524) |            |             |
| 395013.74   | 3816510.90  | 212.01124  | (17091416) | 395037.67   |
| 3816511.23  | 162.14284   | (18052516) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395061.61  | 3816511.56 | 122.75665  | (18112916) | 394613.22 |
| 3816523.39 | 9.00882    | (17120424) |            |           |
| 394571.28  | 3816491.61 | 4.88400c   | (18102116) | 394654.43 |
| 3816530.98 | 14.60824   | (17120524) |            |           |
| 394678.37  | 3816531.31 | 16.56980   | (19010108) | 394702.30 |
| 3816531.64 | 29.10257   | (16020724) |            |           |
| 394726.23  | 3816531.96 | 46.94263   | (16020724) | 394750.16 |
| 3816532.29 | 41.41055   | (16020724) |            |           |
| 394774.09  | 3816532.62 | 34.42467c  | (20122824) | 394798.02 |
| 3816532.95 | 41.58207c  | (19030524) |            |           |
| 394821.95  | 3816533.28 | 47.75186   | (17021716) | 394845.88 |
| 3816533.60 | 238.30336  | (17021716) |            |           |
| 394869.81  | 3816533.93 | 199.95185  | (20102308) | 394893.75 |
| 3816534.26 | 312.29957  | (20031224) |            |           |
| 394917.68  | 3816534.59 | 340.87721  | (20101808) | 394941.61 |
| 3816534.91 | 309.59076  | (19092716) |            |           |
| 394965.54  | 3816535.24 | 310.57953  | (20060608) | 394989.47 |
| 3816535.57 | 272.74147  | (18050124) |            |           |
| 395013.40  | 3816535.90 | 219.61486  | (16060524) | 395037.33 |
| 3816536.23 | 168.82210  | (17051524) |            |           |
| 395061.26  | 3816536.55 | 128.80293  | (19061316) | 394612.88 |
| 3816548.38 | 13.81717   | (17120424) |            |           |
| 394578.31  | 3816533.85 | 7.91736    | (17120424) | 394553.66 |
| 3816509.34 | 4.75743c   | (18102116) |            |           |
| 394538.92  | 3816474.86 | 4.20190    | (16041716) | 394654.09 |
| 3816555.98 | 18.91540   | (16020724) |            |           |
| 394678.02  | 3816556.31 | 32.69521   | (16020724) | 394701.95 |
| 3816556.63 | 40.19055   | (16020724) |            |           |
| 394725.88  | 3816556.96 | 30.06200   | (16020724) | 394749.82 |
| 3816557.29 | 27.59244c  | (20122824) |            |           |
| 394773.75  | 3816557.62 | 30.90766c  | (20122824) | 394797.68 |
| 3816557.95 | 32.23994   | (16122324) |            |           |
| 394821.61  | 3816558.27 | 90.12648   | (17021716) | 394845.54 |
| 3816558.60 | 205.18498  | (17021716) |            |           |
| 394869.47  | 3816558.93 | 195.59223  | (20071608) | 394893.40 |
| 3816559.26 | 277.00207  | (20031224) |            |           |
| 394917.33  | 3816559.58 | 259.53745  | (20101808) | 394941.26 |
| 3816559.91 | 273.68633  | (19092708) |            |           |
| 394965.20  | 3816560.24 | 283.28690  | (19092716) | 394989.13 |
| 3816560.57 | 240.79031  | (19092808) |            |           |
| 395013.06  | 3816560.90 | 209.24366  | (18050124) | 395036.99 |
| 3816561.22 | 169.10177  | (16080916) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 395060.92   | 3816561.55           | 138.86292  | (17051524) | 394608.74   |
| 3816596.92  | 20.47036 (16020724)  |            |            |             |
| 394588.00   | 3816588.20           | 12.18209   | (19010108) | 394567.26   |
| 3816579.48  | 10.96214 (17120524)  |            |            |             |
| 394516.94   | 3816541.35           | 7.10648    | (18110908) | 394499.25   |
| 3816499.98  | 3.74464c (18102116)  |            |            |             |
| 394490.40   | 3816479.29           | 3.67760    | (16041716) | 394653.41   |
| 3816605.97  | 24.18058 (16020724)  |            |            |             |
| 394677.34   | 3816606.30           | 16.24645   | (16020824) | 394701.27   |
| 3816606.63  | 15.82373c (20122824) |            |            |             |
| 394725.20   | 3816606.96           | 18.57916c  | (20122824) | 394749.13   |
| 3816607.28  | 20.39671c (19030524) |            |            |             |
| 394773.06   | 3816607.61           | 19.81163   | (16122324) | 394796.99   |
| 3816607.94  | 44.83722 (17021716)  |            |            |             |
| 394820.92   | 3816608.27           | 107.94227  | (17021716) | 394844.86   |
| 3816608.60  | 111.71331 (17021716) |            |            |             |
| 394868.79   | 3816608.92           | 113.69848  | (20071608) | 394892.72   |
| 3816609.25  | 154.25910 (20031224) |            |            |             |
| 394916.65   | 3816609.58           | 158.69260  | (19081608) | 394940.58   |
| 3816609.91  | 157.24916 (20101808) |            |            |             |
| 394964.51   | 3816610.23           | 160.58826  | (19092708) | 394988.44   |
| 3816610.56  | 170.32152 (19092716) |            |            |             |
| 395012.37   | 3816610.89           | 157.11386  | (19092724) | 395036.30   |
| 3816611.22  | 152.88890 (17103016) |            |            |             |
| 395060.24   | 3816611.55           | 131.65031  | (18050124) | 394609.04   |
| 3816647.34  | 16.65577 (16020724)  |            |            |             |
| 394569.54   | 3816630.72           | 18.63776   | (16020724) | 394530.03   |
| 3816614.11  | 9.95619 (19010108)   |            |            |             |
| 394482.11   | 3816577.80           | 8.10967    | (17120424) | 394465.26   |
| 3816538.40  | 5.22381 (18110908)   |            |            |             |
| 394448.41   | 3816498.99           | 3.08860c   | (18102116) | 394652.72   |
| 3816655.97  | 10.88475c (20122824) |            |            |             |
| 394676.65   | 3816656.30           | 13.45431c  | (20122824) | 394700.58   |
| 3816656.62  | 12.91362c (19030524) |            |            |             |
| 394724.52   | 3816656.95           | 12.86932c  | (19030524) | 394748.45   |
| 3816657.28  | 12.77248 (17082924)  |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395034.94   | 3816711.21  | 76.04703   | (19092716) | 395058.87   |
| 3816711.54  | 86.31358    | (19092716) |            |             |
| 394606.68   | 3816746.91  | 14.57882c  | (20122824) | 394585.94   |
| 3816738.19  | 12.80894c   | (20122824) |            |             |
| 394544.46   | 3816720.75  | 11.59477   | (16020724) | 394523.73   |
| 3816712.03  | 17.00898    | (16020724) |            |             |
| 394482.25   | 3816694.58  | 19.66626   | (16020724) | 394461.51   |
| 3816685.86  | 15.33947    | (16020724) |            |             |
| 394411.19   | 3816647.73  | 13.01078   | (17120424) | 394402.34   |
| 3816627.05  | 13.22965    | (17120424) |            |             |
| 394393.50   | 3816606.36  | 10.10371   | (17120424) | 394375.81   |
| 3816564.99  | 7.31532     | (18110908) |            |             |
| 394366.96   | 3816544.30  | 4.99188    | (18110908) | 394358.12   |
| 3816523.61  | 3.57721     | (16120308) |            |             |
| 394340.43   | 3816482.24  | 3.42444    | (16041716) | 394651.35   |
| 3816755.96  | 11.26596c   | (20010608) |            |             |
| 394675.28   | 3816756.29  | 9.78416    | (19073108) | 394699.21   |
| 3816756.62  | 10.06782    | (19022708) |            |             |
| 394723.15   | 3816756.94  | 14.58188   | (17021716) | 394747.08   |
| 3816757.27  | 27.25090    | (17021716) |            |             |
| 394771.01   | 3816757.60  | 41.54163   | (17021716) | 394794.94   |
| 3816757.93  | 47.75822    | (17021716) |            |             |
| 394818.87   | 3816758.25  | 42.37636   | (17021716) | 394842.80   |
| 3816758.58  | 35.96262    | (20102308) |            |             |
| 394866.73   | 3816758.91  | 53.43248   | (20071608) | 394890.66   |
| 3816759.24  | 60.65784    | (20031224) |            |             |
| 394914.59   | 3816759.57  | 58.18470   | (20031224) | 394938.53   |
| 3816759.89  | 68.30105    | (19081608) |            |             |
| 394962.46   | 3816760.22  | 54.72042   | (20101808) | 394986.39   |
| 3816760.55  | 61.43400    | (20101808) |            |             |
| 395010.32   | 3816760.88  | 62.98963   | (19092708) | 395034.25   |
| 3816761.20  | 57.55999    | (19092708) |            |             |
| 395058.18   | 3816761.53  | 56.09792   | (18052208) | 394604.74   |
| 3816796.38  | 15.75065c   | (20010608) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394582.74  | 3816787.13 | 18.78009c  | (20122824) | 394560.75 |
| 3816777.88 | 18.17719c  | (20122824) |            |           |
| 394538.75  | 3816768.63 | 15.10970   | (20011508) | 394516.76 |
| 3816759.38 | 13.09154   | (20011508) |            |           |
| 394494.76  | 3816750.13 | 16.72880   | (16020724) | 394472.76 |
| 3816740.88 | 22.69293   | (16020724) |            |           |
| 394450.77  | 3816731.63 | 24.21083   | (16020724) | 394428.77 |
| 3816722.38 | 20.98436   | (16020724) |            |           |
| 394406.78  | 3816713.13 | 15.26556   | (16020724) | 394375.40 |
| 3816681.94 | 13.64636   | (17120424) |            |           |
| 394366.02  | 3816660.00 | 16.03060   | (17120424) | 394356.64 |
| 3816638.06 | 14.37032   | (17120424) |            |           |
| 394347.26  | 3816616.12 | 10.78551   | (18110908) | 394337.88 |
| 3816594.18 | 10.22418   | (18110908) |            |           |
| 394328.50  | 3816572.24 | 7.93595    | (18110908) | 394319.12 |
| 3816550.30 | 5.56148    | (16120308) |            |           |
| 394309.74  | 3816528.36 | 4.10186    | (16120308) | 394300.36 |
| 3816506.42 | 3.18044    | (16041716) |            |           |
| 394290.98  | 3816484.47 | 3.64747    | (19031416) | 394626.74 |
| 3816805.63 | 15.55352c  | (20010608) |            |           |
| 394650.67  | 3816805.95 | 13.20678   | (19073108) | 394674.60 |
| 3816806.28 | 12.13192   | (19022708) |            |           |
| 394698.53  | 3816806.61 | 15.56272   | (20070308) | 394722.46 |
| 3816806.94 | 20.24106   | (17021716) |            |           |
| 394746.39  | 3816807.27 | 30.41257   | (17021716) | 394770.32 |
| 3816807.59 | 37.71819   | (17021716) |            |           |
| 394794.25  | 3816807.92 | 38.34311   | (17021716) | 394818.19 |
| 3816808.25 | 31.75579   | (17021716) |            |           |
| 394842.12  | 3816808.58 | 36.59749   | (20071608) | 394866.05 |
| 3816808.90 | 53.41994   | (20071608) |            |           |
| 394889.98  | 3816809.23 | 67.46184   | (19092508) | 394913.91 |
| 3816809.56 | 61.21656   | (20031224) |            |           |
| 394937.84  | 3816809.89 | 60.00246   | (19081608) | 394961.77 |
| 3816810.22 | 48.14505   | (19081608) |            |           |
| 394985.70  | 3816810.54 | 51.42763   | (20101808) | 395009.63 |
| 3816810.87 | 48.47742   | (20101808) |            |           |
| 395033.57  | 3816811.20 | 51.02176   | (19092708) | 395057.50 |
| 3816811.53 | 45.47673   | (19092708) |            |           |
| 394604.63  | 3816896.90 | 109.87903  | (16010508) | 394583.89 |
| 3816888.18 | 97.36136c  | (20073108) |            |           |
| 394542.41  | 3816870.73 | 77.56999   | (18011724) | 394521.67 |
| 3816862.01 | 81.01204   | (18011724) |            |           |
| 394480.19  | 3816844.57 | 84.90289   | (19120508) | 394438.71 |
| 3816827.13 | 111.55064  | (18032908) |            |           |
| 394417.98  | 3816818.41 | 87.17899   | (18111108) | 394376.50 |
| 3816800.97 | 113.29530  | (20022908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394355.76   | 3816792.24  | 110.27348  | (20022908) | 394305.43   |
| 3816754.12  | 68.08234c   | (18022408) |            |             |
| 394287.75   | 3816712.74  | 28.06011m  | (18110924) | 394278.90   |
| 3816692.05  | 21.94882    | (17120424) |            |             |
| 394270.06   | 3816671.37  | 18.47419   | (17120424) | 394252.37   |
| 3816629.99  | 12.58651    | (18110908) |            |             |
| 394243.53   | 3816609.31  | 11.17961   | (18110908) | 394234.68   |
| 3816588.62  | 8.81320     | (18110908) |            |             |
| 394216.99   | 3816547.25  | 5.61144    | (16120308) | 394208.15   |
| 3816526.56  | 4.29506     | (17100908) |            |             |
| 394199.31   | 3816505.87  | 4.87287    | (17100908) | 394649.30   |
| 3816905.95  | 60.76650b   | (20080108) |            |             |
| 394673.23   | 3816906.27  | 46.94193   | (20033108) | 394697.16   |
| 3816906.60  | 33.17286    | (20033108) |            |             |
| 394721.09   | 3816906.93  | 42.93163   | (20091708) | 394745.02   |
| 3816907.26  | 29.58059    | (20091708) |            |             |
| 394768.95   | 3816907.58  | 45.06613   | (20010108) | 394792.88   |
| 3816907.91  | 43.64806    | (20081208) |            |             |
| 394816.82   | 3816908.24  | 47.42013   | (20042508) | 394840.75   |
| 3816908.57  | 48.62048    | (20071608) |            |             |
| 394864.68   | 3816908.90  | 53.18028   | (20071608) | 394888.61   |
| 3816909.22  | 58.65298    | (19092508) |            |             |
| 394912.54   | 3816909.55  | 51.61858   | (20061008) | 394936.47   |
| 3816909.88  | 52.72502    | (20102808) |            |             |
| 394960.40   | 3816910.21  | 54.63524   | (20102808) | 394984.33   |
| 3816910.53  | 40.09015    | (20102808) |            |             |
| 395008.26   | 3816910.86  | 45.54141   | (20101808) | 395032.20   |
| 3816911.19  | 49.15187    | (20101808) |            |             |
| 395056.13   | 3816911.52  | 51.71260   | (17091808) | 394602.87   |
| 3816996.73  | 76.05404    | (20092608) |            |             |
| 394581.75   | 3816987.84  | 107.13098  | (20092608) | 394560.63   |
| 3816978.96  | 101.45217   | (16010508) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816961.20 | 394539.50 | 3816970.08 | 118.42787  | (16121408) | 394518.38 |
|            |           | 100.92823c | (20073108) |            |           |
| 3816943.43 | 394497.26 | 3816952.31 | 75.81379c  | (20073108) | 394476.13 |
|            |           | 106.35226  | (18011724) |            |           |
| 3816925.67 | 394455.01 | 3816934.55 | 80.19803   | (18011724) | 394433.89 |
|            |           | 77.92547   | (19121208) |            |           |
| 3816907.90 | 394412.76 | 3816916.78 | 88.24907   | (19120508) | 394391.64 |
|            |           | 87.81088   | (18032908) |            |           |
| 3816890.14 | 394370.52 | 3816899.02 | 104.94663  | (18032908) | 394349.40 |
|            |           | 97.96763   | (18111108) |            |           |
| 3816872.37 | 394328.27 | 3816881.25 | 63.76680   | (18111108) | 394307.15 |
|            |           | 86.07250   | (20022908) |            |           |
| 3816854.61 | 394286.03 | 3816863.49 | 120.62211  | (20022908) | 394264.90 |
|            |           | 100.85459  | (20022908) |            |           |
| 3816803.58 | 394234.77 | 3816824.65 | 89.74840   | (19020208) | 394225.76 |
|            |           | 61.70117c  | (18022408) |            |           |
| 3816761.44 | 394216.76 | 3816782.51 | 43.83373m  | (18110924) | 394207.75 |
|            |           | 33.68186m  | (18110924) |            |           |
| 3816719.30 | 394198.74 | 3816740.37 | 25.70317m  | (18110924) | 394189.73 |
|            |           | 20.25120   | (17120424) |            |           |
| 3816677.16 | 394180.72 | 3816698.23 | 17.20795   | (17120424) | 394171.72 |
|            |           | 13.34971   | (18110908) |            |           |
| 3816635.02 | 394162.71 | 3816656.09 | 13.26765   | (18110908) | 394153.70 |
|            |           | 11.90044   | (18110908) |            |           |
| 3816592.88 | 394144.69 | 3816613.95 | 9.83221    | (18110908) | 394135.68 |
|            |           | 8.12191    | (20030208) |            |           |
| 3816550.74 | 394126.68 | 3816571.81 | 6.62075    | (16120308) | 394117.67 |
|            |           | 5.44732    | (16120308) |            |           |
| 3816508.60 | 394108.66 | 3816529.67 | 5.56574    | (17100908) | 394099.65 |
|            |           | 6.06781    | (17100908) |            |           |
| 3817005.61 | 394090.64 | 3816487.53 | 6.13327    | (17100908) | 394624.00 |
|            |           | 105.19761  | (20032008) |            |           |
| 3817006.26 | 394647.93 | 3817005.94 | 116.86239  | (20032008) | 394671.86 |
|            |           | 106.95613  | (16022308) |            |           |
| 3817006.92 | 394695.79 | 3817006.59 | 125.56634  | (20032208) | 394719.72 |
|            |           | 99.42610   | (20032208) |            |           |
| 3817007.58 | 394743.65 | 3817007.25 | 81.14984   | (16102908) | 394767.58 |
|            |           | 108.95357  | (16102908) |            |           |
| 3817008.23 | 394791.52 | 3817007.90 | 88.61394   | (19121308) | 394815.45 |
|            |           | 81.65249   | (19121308) |            |           |
| 3817008.89 | 394839.38 | 3817008.56 | 69.16183   | (20050508) | 394863.31 |
|            |           | 76.83216   | (19010308) |            |           |
| 3817009.54 | 394887.24 | 3817009.21 | 67.97748   | (19092508) | 394911.17 |
|            |           | 65.46902   | (19092508) |            |           |
| 3817010.20 | 394935.10 | 3817009.87 | 62.75317   | (20102808) | 394959.03 |
|            |           | 82.48403   | (20102808) |            |           |
| 3817010.85 | 394982.96 | 3817010.53 | 83.70577   | (20102808) | 395006.90 |
|            |           | 62.86465   | (20102808) |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 830

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395030.83   | 3817011.18  | 62.60439   | (17043008) | 395054.76   |
| 3817011.51  | 73.19410    | (18110308) |            |             |
| 394601.23   | 3817096.60  | 106.05365  | (20032008) | 394579.83   |
| 3817087.60  | 88.41458    | (20032008) |            |             |
| 394558.44   | 3817078.61  | 75.05834   | (20092608) | 394537.04   |
| 3817069.61  | 97.38160    | (20092608) |            |             |
| 394515.64   | 3817060.61  | 91.76158   | (16010508) | 394494.24   |
| 3817051.61  | 114.38951   | (16121408) |            |             |
| 394472.84   | 3817042.61  | 93.00541c  | (20073108) | 394451.45   |
| 3817033.62  | 84.92302c   | (20073108) |            |             |
| 394430.05   | 3817024.62  | 89.96240   | (18011724) | 394408.65   |
| 3817015.62  | 96.73910    | (18011724) |            |             |
| 394387.25   | 3817006.62  | 69.16783   | (19082108) | 394365.86   |
| 3816997.62  | 68.15118    | (19121208) |            |             |
| 394344.46   | 3816988.63  | 80.68930   | (19120508) | 394323.06   |
| 3816979.63  | 77.38703    | (19120508) |            |             |
| 394301.66   | 3816970.63  | 93.19819   | (18032908) | 394280.27   |
| 3816961.63  | 93.18670    | (18111108) |            |             |
| 394258.87   | 3816952.63  | 74.29857   | (18111108) | 394237.47   |
| 3816943.64  | 61.46202    | (17030408) |            |             |
| 394216.07   | 3816934.64  | 95.37723   | (20022908) | 394194.68   |
| 3816925.64  | 113.28400   | (20022908) |            |             |
| 394164.15   | 3816895.30  | 89.24423   | (19020208) | 394155.03   |
| 3816873.96  | 66.03586    | (19020208) |            |             |
| 394145.90   | 3816852.61  | 43.66617c  | (18022408) | 394136.78   |
| 3816831.27  | 30.95562m   | (18110924) |            |             |
| 394127.65   | 3816809.92  | 25.04220m  | (18110924) | 394118.53   |
| 3816788.58  | 19.83422m   | (18110924) |            |             |
| 394109.40   | 3816767.24  | 16.75596   | (17120424) | 394100.28   |
| 3816745.89  | 16.30197    | (17120424) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816703.21 | 394091.15 | 3816724.55 | 13.78858   | (17120424) | 394082.03 |
|            |           | 11.85392   | (18110908) |            |           |
|            | 394072.90 | 3816681.86 | 11.80537   | (18110908) | 394063.78 |
| 3816660.52 |           | 10.70657   | (18110908) |            |           |
|            | 394054.65 | 3816639.17 | 9.14660    | (18110908) | 394045.53 |
| 3816617.83 |           | 8.49106    | (20030208) |            |           |
|            | 394036.40 | 3816596.49 | 7.21837    | (20030208) | 394027.28 |
| 3816575.14 |           | 5.98626    | (16120308) |            |           |
|            | 394018.16 | 3816553.80 | 5.66796    | (17100908) | 394009.03 |
| 3816532.46 |           | 6.38816    | (17100908) |            |           |
|            | 393999.91 | 3816511.11 | 6.80796    | (17100908) | 393990.78 |
| 3816489.77 |           | 6.82283    | (17100908) |            |           |
|            | 394622.63 | 3817105.60 | 98.02588   | (20032008) | 394646.56 |
| 3817105.93 |           | 102.90915  | (16022308) |            |           |
|            | 394670.49 | 3817106.25 | 125.61183  | (20032208) | 394694.42 |
| 3817106.58 |           | 110.72947  | (20032208) |            |           |
|            | 394718.35 | 3817106.91 | 80.48469   | (17021124) | 394742.28 |
| 3817107.24 |           | 102.34397  | (16102908) |            |           |
|            | 394766.21 | 3817107.57 | 93.92735   | (16082908) | 394790.15 |
| 3817107.89 |           | 97.89311   | (19092024) |            |           |
|            | 394814.08 | 3817108.22 | 99.89039   | (16092808) | 394838.01 |
| 3817108.55 |           | 95.75030   | (16092808) |            |           |
|            | 394861.94 | 3817108.88 | 99.13631   | (18022608) | 394885.87 |
| 3817109.20 |           | 88.18384   | (18022608) |            |           |
|            | 394909.80 | 3817109.53 | 78.16409   | (19112408) | 394933.73 |
| 3817109.86 |           | 90.34539   | (20011408) |            |           |
|            | 394957.66 | 3817110.19 | 91.13384   | (20061508) | 394981.59 |
| 3817110.52 |           | 101.20174  | (20102808) |            |           |
|            | 395005.53 | 3817110.84 | 92.86417   | (20102808) | 395029.46 |
| 3817111.17 |           | 101.30905  | (16091508) |            |           |
|            | 395053.39 | 3817111.50 | 82.19115   | (19011008) | 394599.66 |
| 3817196.51 |           | 87.70848   | (16022308) |            |           |
|            | 394578.05 | 3817187.42 | 96.42601   | (20032008) | 394556.45 |
| 3817178.34 |           | 92.75566   | (20032008) |            |           |
|            | 394534.85 | 3817169.25 | 72.92021   | (20032008) | 394513.24 |
| 3817160.17 |           | 73.16979   | (20092608) |            |           |
|            | 394491.64 | 3817151.08 | 88.12226   | (20092608) | 394470.04 |
| 3817142.00 |           | 82.83741   | (16010508) |            |           |
|            | 394448.43 | 3817132.91 | 107.05118  | (16121408) | 394426.83 |
| 3817123.83 |           | 84.36319   | (16121408) |            |           |
|            | 394405.23 | 3817114.75 | 84.55244c  | (20073108) | 394383.62 |
| 3817105.66 |           | 68.18932   | (18011724) |            |           |
|            | 394362.02 | 3817096.58 | 92.63220   | (18011724) | 394340.42 |
| 3817087.49 |           | 81.05141   | (18011724) |            |           |
|            | 394318.81 | 3817078.41 | 62.78931   | (19121208) | 394297.21 |
| 3817069.32 |           | 59.05420   | (19121208) |            |           |
|            | 394275.61 | 3817060.24 | 73.79551   | (19120508) | 394254.00 |
| 3817051.15 |           | 71.31988   | (19120508) |            |           |
|            | 394232.40 | 3817042.07 | 82.25616   | (18032908) | 394210.80 |
| 3817032.99 |           | 84.65800   | (18111108) |            |           |

|            | X-COORD (M) | Y-COORD (M)  | CONC       | (YYMMDDHH)   | X-COORD (M) |
|------------|-------------|--------------|------------|--------------|-------------|
|            | Y-COORD (M) | CONC         | (YYMMDDHH) |              |             |
| 3817014.82 | 394189.19   | 3817023.90   | 77.02355   | (18111108)   | 394167.59   |
| 3816996.65 | 55.02660    | (19111224)   |            |              |             |
| 3816944.47 | 394145.99   | 3817005.73   | 62.22250   | (20022908)   | 394124.38   |
| 3816901.37 | 71.54673    | (20022908)   |            |              |             |
| 3816858.27 | 394093.57   | 3816966.01   | 44.63560   | (19020208)   | 394084.35   |
| 3816815.17 | 47.18216    | (19020208)   |            |              |             |
| 3816772.07 | 394075.14   | 3816922.92   | 35.31775   | (19020208)   | 394065.93   |
| 3816728.98 | 24.77220    | c (18022408) |            |              |             |
| 3816685.88 | 394056.72   | 3816879.82   | 23.89598   | m (18110924) | 394047.50   |
| 3816642.78 | 21.27754    | m (18110924) |            |              |             |
| 3816599.68 | 394038.29   | 3816836.72   | 18.51971   | m (18110924) | 394029.08   |
| 3816556.58 | 16.26131    | m (18110924) |            |              |             |
| 3816513.49 | 394019.86   | 3816793.62   | 14.64611   | (17120424)   | 394010.65   |
| 3817205.59 | 13.49563    | (17120424)   |            |              |             |
|            | 394001.44   | 3816750.53   | 11.21733   | (17120424)   | 393992.23   |
|            | 10.71860    | (18110908)   |            |              |             |
|            | 393983.01   | 3816707.43   | 10.61696   | (18110908)   | 393973.80   |
|            | 9.75521     | (18110908)   |            |              |             |
|            | 393964.59   | 3816664.33   | 8.58890    | (20030208)   | 393955.38   |
|            | 8.14860     | (20030208)   |            |              |             |
|            | 393946.16   | 3816621.23   | 7.36762    | (20030208)   | 393936.95   |
|            | 5.92614     | (20030208)   |            |              |             |
|            | 393927.74   | 3816578.13   | 5.09286    | (17100908)   | 393918.53   |
|            | 6.00214     | (17100908)   |            |              |             |
|            | 393909.31   | 3816535.04   | 6.44612    | (17100908)   | 393900.10   |
|            | 6.62482     | (17100908)   |            |              |             |
|            | 393890.89   | 3816491.94   | 6.49772    | (17100908)   | 394621.26   |
|            | 93.31629    | (20032208)   |            |              |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394645.19  | 3817205.92 | 116.94517  | (20032208) | 394669.12 |
| 3817206.25 | 98.03775   | (20032208) |            |           |
| 394693.05  | 3817206.57 | 72.87498   | (17021124) | 394716.98 |
| 3817206.90 | 91.64115   | (16102908) |            |           |
| 394740.91  | 3817207.23 | 83.56156   | (16082908) | 394764.85 |
| 3817207.56 | 97.54261   | (19092024) |            |           |
| 394788.78  | 3817207.88 | 80.80537   | (16092808) | 394812.71 |
| 3817208.21 | 120.40844  | (16092808) |            |           |
| 394836.64  | 3817208.54 | 100.66007  | (16092808) | 394860.57 |
| 3817208.87 | 90.41134   | (18022608) |            |           |
| 394884.50  | 3817209.20 | 84.19776   | (18022608) | 394908.43 |
| 3817209.52 | 70.17736   | (19112408) |            |           |
| 394932.36  | 3817209.85 | 102.91975  | (19091808) | 394956.29 |
| 3817210.18 | 104.97654  | (19091808) |            |           |
| 394980.23  | 3817210.51 | 105.59042  | (16010908) | 395004.16 |
| 3817210.83 | 85.43614   | (20102808) |            |           |
| 395028.09  | 3817211.16 | 85.15516   | (16091508) | 395052.02 |
| 3817211.49 | 99.88214   | (16091508) |            |           |
| 394598.13  | 3817296.43 | 94.37664   | (20032208) | 394576.36 |
| 3817287.28 | 86.04096   | (16022308) |            |           |
| 394554.60  | 3817278.13 | 82.97250   | (20032008) | 394532.84 |
| 3817268.97 | 88.57511   | (20032008) |            |           |
| 394511.07  | 3817259.82 | 79.02101   | (20032008) | 394489.31 |
| 3817250.67 | 60.55348   | (20022708) |            |           |
| 394467.55  | 3817241.52 | 70.33169   | (20092608) | 394445.78 |
| 3817232.37 | 79.52921   | (20092608) |            |           |
| 394424.02  | 3817223.21 | 74.93604   | (16010508) | 394402.26 |
| 3817214.06 | 98.90319   | (16121408) |            |           |
| 394380.49  | 3817204.91 | 85.61657   | (16121408) | 394358.73 |
| 3817195.76 | 79.68674c  | (20073108) |            |           |
| 394336.97  | 3817186.61 | 67.61766c  | (20073108) | 394315.20 |
| 3817177.46 | 78.66391   | (18011724) |            |           |
| 394293.44  | 3817168.30 | 85.21913   | (18011724) | 394271.68 |
| 3817159.15 | 64.74276   | (18011724) |            |           |
| 394249.91  | 3817150.00 | 57.62427   | (19121208) | 394228.15 |
| 3817140.85 | 53.30392c  | (19090108) |            |           |
| 394206.39  | 3817131.70 | 67.56509   | (19120508) | 394184.62 |
| 3817122.55 | 65.34883   | (19120508) |            |           |
| 394162.86  | 3817113.39 | 72.77819   | (18032908) | 394141.09 |
| 3817104.24 | 75.65617   | (18032908) |            |           |
| 394119.33  | 3817095.09 | 75.04458   | (18111108) | 394097.57 |
| 3817085.94 | 56.97436   | (18111108) |            |           |
| 394075.80  | 3817076.79 | 49.23148   | (17030408) | 394054.04 |
| 3817067.64 | 57.24353   | (20022908) |            |           |
| 394023.00  | 3817036.78 | 44.43778   | (20022908) | 394013.72 |
| 3817015.07 | 37.47442   | (19020208) |            |           |
| 394004.44  | 3816993.36 | 38.47021   | (19020208) | 393995.15 |
| 3816971.65 | 29.63552   | (19020208) |            |           |
| 393985.87  | 3816949.94 | 22.90149c  | (18022408) | 393976.59 |
| 3816928.23 | 22.10152m  | (18110924) |            |           |

393967.31 3816906.52 19.44328m (18110924) 393958.03  
 3816884.82 16.61959m (18110924)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 832

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393948.75   | 3816863.11  | 14.70244m  | (18110924) | 393939.47   |
| 3816841.40  | 13.25694m   | (18110924) |            |             |
| 393930.19   | 3816819.69  | 12.59806   | (17120424) | 393920.91   |
| 3816797.98  | 11.34127    | (17120424) |            |             |
| 393911.63   | 3816776.27  | 9.44644    | (16120224) | 393902.35   |
| 3816754.56  | 9.59459     | (18110908) |            |             |
| 393893.06   | 3816732.86  | 9.45855    | (18110908) | 393883.78   |
| 3816711.15  | 8.77996     | (18110908) |            |             |
| 393874.50   | 3816689.44  | 7.96344    | (20030208) | 393865.22   |
| 3816667.73  | 7.61899     | (20030208) |            |             |
| 393855.94   | 3816646.02  | 6.89018    | (20030208) | 393846.66   |
| 3816624.31  | 5.79332     | (20030208) |            |             |
| 393837.38   | 3816602.60  | 4.83149    | (16120308) | 393828.10   |
| 3816580.90  | 5.16630     | (17100908) |            |             |
| 393818.82   | 3816559.19  | 5.71695    | (17100908) | 393809.54   |
| 3816537.48  | 6.11836     | (17100908) |            |             |
| 393800.26   | 3816515.77  | 6.24355    | (17100908) | 393790.97   |
| 3816494.06  | 6.03609     | (17100908) |            |             |
| 394619.89   | 3817305.58  | 106.45396  | (20032208) | 394643.82   |
| 3817305.91  | 86.73043    | (20032208) |            |             |
| 394667.75   | 3817306.24  | 65.72312   | (17021124) | 394691.68   |
| 3817306.56  | 80.56443    | (16102908) |            |             |
| 394715.61   | 3817306.89  | 77.94732   | (16102908) | 394739.54   |
| 3817307.22  | 85.08438    | (19092024) |            |             |
| 394763.48   | 3817307.55  | 81.75299   | (19092024) | 394787.41   |
| 3817307.87  | 91.89542    | (16092808) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394811.34  | 3817308.20 | 112.36685  | (16092808) | 394835.27 |
| 3817308.53 | 84.14573   | (16092808) |            |           |
| 394859.20  | 3817308.86 | 80.97240   | (18022608) | 394883.13 |
| 3817309.19 | 75.81209   | (18022608) |            |           |
| 394907.06  | 3817309.51 | 60.02485   | (19112408) | 394930.99 |
| 3817309.84 | 84.45364   | (19091808) |            |           |
| 394954.92  | 3817310.17 | 104.43745  | (19091808) | 394978.86 |
| 3817310.50 | 89.73097   | (16010908) |            |           |
| 395002.79  | 3817310.82 | 95.10483   | (16010908) | 395026.72 |
| 3817311.15 | 71.93272   | (20102808) |            |           |
| 395050.65  | 3817311.48 | 79.58941   | (16091508) | 394594.74 |
| 3817546.42 | 54.71130   | (19112124) |            |           |
| 394573.01  | 3817537.28 | 76.40734   | (20032208) | 394551.28 |
| 3817528.15 | 87.14738   | (20032208) |            |           |
| 394529.56  | 3817519.01 | 79.21726   | (20032208) | 394507.83 |
| 3817509.88 | 70.66296   | (16022308) |            |           |
| 394486.10  | 3817500.74 | 64.17956   | (16022308) | 394464.38 |
| 3817491.60 | 69.07969   | (20032008) |            |           |
| 394442.65  | 3817482.47 | 70.63644   | (20032008) | 394420.92 |
| 3817473.33 | 64.55952   | (20032008) |            |           |
| 394399.20  | 3817464.19 | 53.48474   | (18020308) | 394377.47 |
| 3817455.06 | 48.97529   | (18032008) |            |           |
| 394355.74  | 3817445.92 | 59.61866   | (20092608) | 394334.02 |
| 3817436.78 | 62.95909   | (20092608) |            |           |
| 394312.29  | 3817427.65 | 58.93159   | (16010508) | 394290.56 |
| 3817418.51 | 77.28730   | (16121408) |            |           |
| 394268.84  | 3817409.38 | 81.60305   | (16121408) | 394247.11 |
| 3817400.24 | 62.55910   | (16121408) |            |           |
| 394225.38  | 3817391.10 | 64.73283c  | (20073108) | 394203.66 |
| 3817381.97 | 57.76248c  | (20073108) |            |           |
| 394181.93  | 3817372.83 | 57.68317   | (18011724) | 394160.20 |
| 3817363.69 | 70.52057   | (18011724) |            |           |
| 394138.48  | 3817354.56 | 67.45329   | (18011724) | 394116.75 |
| 3817345.42 | 51.27114   | (18011724) |            |           |
| 394095.02  | 3817336.29 | 45.40702   | (19062708) | 394073.30 |
| 3817327.15 | 43.45919   | (19121208) |            |           |
| 394051.57  | 3817318.01 | 46.91685   | (19120508) | 394029.84 |
| 3817308.88 | 55.24866   | (19120508) |            |           |
| 394008.12  | 3817299.74 | 51.79889   | (19120508) | 393986.39 |
| 3817290.60 | 55.58184   | (18032908) |            |           |
| 393964.66  | 3817281.47 | 59.60371   | (18032908) | 393942.93 |
| 3817272.33 | 62.70007   | (18111108) |            |           |
| 393921.21  | 3817263.19 | 57.84609   | (18111108) | 393899.48 |
| 3817254.06 | 44.78414   | (18111108) |            |           |
| 393877.75  | 3817244.92 | 39.93056   | (19111224) | 393846.76 |
| 3817214.11 | 45.52843   | (20022908) |            |           |
| 393837.50  | 3817192.44 | 44.65553   | (20022908) | 393828.23 |
| 3817170.77 | 33.23930   | (20022908) |            |           |
| 393818.97  | 3817149.10 | 29.31448   | (19020208) | 393809.70 |
| 3817127.43 | 28.66756   | (19020208) |            |           |



393800.44 3817105.75 22.54911 (19020208) 393791.17  
 3817084.08 14.67619 (19020208)  
 393781.91 3817062.41 13.53247m (18110924) 393772.64  
 3817040.74 12.64133m (18110924)

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 833

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC (YYMMDDHH)      | X-COORD (M) |
|-------------|---------------------|----------------------|-------------|
| Y-COORD (M) | CONC (YYMMDDHH)     |                      |             |
| 393763.37   | 3817019.06          | 11.03950m (18110924) | 393754.11   |
| 3816997.39  | 9.61264m (18110924) |                      |             |
| 393744.84   | 3816975.72          | 8.80631m (18110924)  | 393735.58   |
| 3816954.05  | 8.52186 (17120424)  |                      |             |
| 393726.31   | 3816932.38          | 8.83101 (17120424)   | 393717.05   |
| 3816910.70  | 8.66714 (17120424)  |                      |             |
| 393707.78   | 3816889.03          | 7.97582 (17120424)   | 393698.52   |
| 3816867.36  | 6.88975 (17120424)  |                      |             |
| 393689.25   | 3816845.69          | 6.28819 (18110908)   | 393679.99   |
| 3816824.02  | 6.41821 (18110908)  |                      |             |
| 393670.72   | 3816802.34          | 6.29082 (18110908)   | 393661.46   |
| 3816780.67  | 5.94936 (18110908)  |                      |             |
| 393652.19   | 3816759.00          | 5.53998 (20030208)   | 393642.93   |
| 3816737.33  | 5.62048 (20030208)  |                      |             |
| 393633.66   | 3816715.66          | 5.32690 (20030208)   | 393624.40   |
| 3816693.98  | 4.86980 (20030208)  |                      |             |
| 393615.13   | 3816672.31          | 4.26365 (20030208)   | 393605.86   |
| 3816650.64  | 3.53201 (20030208)  |                      |             |
| 393596.60   | 3816628.97          | 3.42809 (17100908)   | 393587.33   |
| 3816607.30  | 3.92970 (17100908)  |                      |             |
| 393578.07   | 3816585.62          | 4.39347 (17100908)   | 393568.80   |
| 3816563.95  | 4.75466 (17100908)  |                      |             |
| 393559.54   | 3816542.28          | 4.94331 (17100908)   | 393550.27   |
| 3816520.61  | 4.93781 (17100908)  |                      |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393541.01  | 3816498.93           | 4.71765   | (17100908) | 394616.47 |
| 3817555.56 | 52.88574 (17021124)  |           |            |           |
| 394640.40  | 3817555.88           | 64.52063  | (16102908) | 394664.33 |
| 3817556.21 | 63.64226 (16102908)  |           |            |           |
| 394688.26  | 3817556.54           | 62.39399  | (16082908) | 394712.19 |
| 3817556.87 | 71.50674 (19092024)  |           |            |           |
| 394736.12  | 3817557.20           | 60.41135  | (19092024) | 394760.05 |
| 3817557.52 | 72.92594 (16092808)  |           |            |           |
| 394783.98  | 3817557.85           | 90.74678  | (16092808) | 394807.91 |
| 3817558.18 | 82.71231 (16092808)  |           |            |           |
| 394831.85  | 3817558.51           | 67.23446  | (19010308) | 394855.78 |
| 3817558.83 | 62.69737 (18022608)  |           |            |           |
| 394879.71  | 3817559.16           | 62.06109  | (19102024) | 394903.64 |
| 3817559.49 | 54.85798 (19102024)  |           |            |           |
| 394927.57  | 3817559.82           | 49.53756  | (19091808) | 394951.50 |
| 3817560.15 | 75.19002 (19091808)  |           |            |           |
| 394975.43  | 3817560.47           | 85.67752  | (19091808) | 394999.36 |
| 3817560.80 | 69.71339 (19091808)  |           |            |           |
| 395023.29  | 3817561.13           | 79.61452  | (16010908) | 395047.23 |
| 3817561.46 | 71.40414 (16010908)  |           |            |           |
| 394591.34  | 3817796.41           | 52.98194  | (16102908) | 394569.63 |
| 3817787.28 | 43.09386 (16102908)  |           |            |           |
| 394547.93  | 3817778.15           | 42.03317  | (19112124) | 394526.23 |
| 3817769.03 | 52.18874 (20032208)  |           |            |           |
| 394504.52  | 3817759.90           | 66.30063  | (20032208) | 394482.82 |
| 3817750.77 | 72.17018 (20032208)  |           |            |           |
| 394461.11  | 3817741.65           | 66.73156  | (20032208) | 394439.41 |
| 3817732.52 | 57.25883 (16022308)  |           |            |           |
| 394417.71  | 3817723.39           | 57.15341  | (16022308) | 394396.00 |
| 3817714.27 | 51.95362 (20032008)  |           |            |           |
| 394374.30  | 3817705.14           | 57.31535  | (20032008) | 394352.60 |
| 3817696.01 | 57.44837 (20032008)  |           |            |           |
| 394330.89  | 3817686.89           | 53.37256  | (20032008) | 394309.19 |
| 3817677.76 | 46.02809 (18020308)  |           |            |           |
| 394287.48  | 3817668.63           | 42.94445  | (20022708) | 394265.78 |
| 3817659.51 | 42.35448 (20011808)  |           |            |           |
| 394244.08  | 3817650.38           | 50.09107  | (20092608) | 394222.37 |
| 3817641.25 | 51.06537 (20092608)  |           |            |           |
| 394200.67  | 3817632.13           | 47.33738  | (16010508) | 394178.96 |
| 3817623.00 | 59.85780 (16121408)  |           |            |           |
| 394157.26  | 3817613.87           | 69.49739  | (16121408) | 394135.56 |
| 3817604.75 | 63.99003 (16121408)  |           |            |           |
| 394113.85  | 3817595.62           | 51.89373c | (20073108) | 394092.15 |
| 3817586.49 | 53.35144c (20073108) |           |            |           |
| 394070.45  | 3817577.37           | 49.06245c | (20073108) | 394048.74 |
| 3817568.24 | 42.92814 (18011724)  |           |            |           |
| 394027.04  | 3817559.11           | 55.35308  | (18011724) | 394005.33 |
| 3817549.99 | 59.42528 (18011724)  |           |            |           |
| 393983.63  | 3817540.86           | 53.83934  | (18011724) | 393961.93 |
| 3817531.73 | 41.50274 (18011724)  |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393940.22  | 3817522.61 | 37.57682   | (19062708) | 393918.52 |
| 3817513.48 | 38.19494   | (19062708) |            |           |
| 393896.82  | 3817504.35 | 35.15276c  | (19090108) | 393875.11 |
| 3817495.23 | 40.80243   | (19120508) |            |           |
| 393853.41  | 3817486.10 | 43.63745   | (19120508) | 393831.70 |
| 3817476.97 | 36.64648   | (19120508) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 834

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3  
 \*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393810.00   | 3817467.85  | 38.91873   | (18032908) | 393788.30   |
| 3817458.72  | 37.89778    | (18032908) |            |             |
| 393766.59   | 3817449.59  | 32.81484   | (18032908) | 393744.89   |
| 3817440.47  | 27.87069    | (18111108) |            |             |
| 393723.18   | 3817431.34  | 22.50864   | (18111108) | 393701.48   |
| 3817422.21  | 16.00745    | (18111108) |            |             |
| 393670.52   | 3817391.44  | 11.94766   | (17030408) | 393661.27   |
| 3817369.79  | 10.44102    | (17030408) |            |             |
| 393652.01   | 3817348.14  | 9.61400    | (20022908) | 393642.76   |
| 3817326.49  | 8.55876     | (19020208) |            |             |
| 393633.50   | 3817304.84  | 10.03768   | (19020208) | 393624.24   |
| 3817283.19  | 10.87525    | (19020208) |            |             |
| 393614.99   | 3817261.54  | 10.45668   | (19020208) | 393605.73   |
| 3817239.89  | 8.66887     | (19020208) |            |             |
| 393596.48   | 3817218.24  | 6.63660    | (19020208) | 393587.22   |
| 3817196.60  | 6.42361m    | (18110924) |            |             |
| 393577.97   | 3817174.95  | 6.69500m   | (18110924) | 393568.71   |
| 3817153.30  | 6.68066m    | (18110924) |            |             |
| 393559.46   | 3817131.65  | 6.39933m   | (18110924) | 393550.20   |
| 3817110.00  | 6.03313m    | (18110924) |            |             |
| 393540.94   | 3817088.35  | 5.73582m   | (18110924) | 393531.69   |
| 3817066.70  | 5.99041     | (17120424) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393522.43  | 3817045.05          | 6.46311  | (17120424) | 393513.18 |
| 3817023.40 | 6.66330 (17120424)  |          |            |           |
| 393503.92  | 3817001.75          | 6.56742  | (17120424) | 393494.67 |
| 3816980.10 | 6.21834 (17120424)  |          |            |           |
| 393485.41  | 3816958.45          | 5.63009  | (17120424) | 393476.16 |
| 3816936.81 | 4.84937 (17120424)  |          |            |           |
| 393466.90  | 3816915.16          | 4.98499  | (18110908) | 393457.64 |
| 3816893.51 | 5.07295 (18110908)  |          |            |           |
| 393448.39  | 3816871.86          | 5.02218  | (18110908) | 393439.13 |
| 3816850.21 | 4.83718 (18110908)  |          |            |           |
| 393429.88  | 3816828.56          | 4.55282  | (20030208) | 393420.62 |
| 3816806.91 | 4.66958 (20030208)  |          |            |           |
| 393411.37  | 3816785.26          | 4.54488  | (20030208) | 393402.11 |
| 3816763.61 | 4.27727 (20030208)  |          |            |           |
| 393392.86  | 3816741.96          | 3.92827  | (20030208) | 393383.60 |
| 3816720.31 | 3.52161 (20030208)  |          |            |           |
| 393374.35  | 3816698.66          | 3.09337  | (20030208) | 393365.09 |
| 3816677.01 | 2.90629 (19101108)  |          |            |           |
| 393355.83  | 3816655.37          | 3.12317  | (17100908) | 393346.58 |
| 3816633.72 | 3.53401 (17100908)  |          |            |           |
| 393337.32  | 3816612.07          | 3.92309  | (17100908) | 393328.07 |
| 3816590.42 | 4.24676 (17100908)  |          |            |           |
| 393318.81  | 3816568.77          | 4.47118  | (17100908) | 393309.56 |
| 3816547.12 | 4.57024 (17100908)  |          |            |           |
| 393300.30  | 3816525.47          | 4.51619  | (17100908) | 393291.05 |
| 3816503.82 | 4.30089 (17100908)  |          |            |           |
| 394613.04  | 3817805.53          | 52.29566 | (16102908) | 394636.97 |
| 3817805.86 | 50.27059 (16082908) |          |            |           |
| 394660.90  | 3817806.19          | 55.94690 | (19092024) | 394684.83 |
| 3817806.52 | 57.09395 (19092024) |          |            |           |
| 394708.77  | 3817806.84          | 45.87803 | (19092024) | 394732.70 |
| 3817807.17 | 58.96445 (16092808) |          |            |           |
| 394756.63  | 3817807.50          | 73.13424 | (16092808) | 394780.56 |
| 3817807.83 | 73.10069 (16092808) |          |            |           |
| 394804.49  | 3817808.16          | 58.10154 | (16092808) | 394828.42 |
| 3817808.48 | 53.97328 (19010308) |          |            |           |
| 394852.35  | 3817808.81          | 49.95305 | (18022608) | 394876.28 |
| 3817809.14 | 51.21198 (19102024) |          |            |           |
| 394900.21  | 3817809.47          | 48.55242 | (19102024) | 394924.15 |
| 3817809.79 | 40.64241 (18020224) |          |            |           |
| 394948.08  | 3817810.12          | 47.92893 | (19091808) | 394972.01 |
| 3817810.45 | 65.02511 (19091808) |          |            |           |
| 394995.94  | 3817810.78          | 70.85608 | (19091808) | 395019.87 |
| 3817811.11 | 60.88446 (19091808) |          |            |           |
| 395043.80  | 3817811.43          | 63.74488 | (16010908) | 394587.93 |
| 3818046.39 | 41.18517 (16082908) |          |            |           |
| 394566.24  | 3818037.27          | 43.99376 | (16102908) | 394544.55 |
| 3818028.15 | 44.58712 (16102908) |          |            |           |
| 394522.87  | 3818019.03          | 38.26347 | (16102908) | 394501.18 |
| 3818009.91 | 36.23881 (17021124) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394479.49  | 3818000.79 | 37.69084   | (19112124) | 394457.80 |
| 3817991.67 | 48.08257   | (20032208) |            |           |
| 394436.11  | 3817982.55 | 57.29657   | (20032208) | 394414.42 |
| 3817973.43 | 60.64753   | (20032208) |            |           |
| 394392.74  | 3817964.31 | 56.76482   | (20032208) | 394371.05 |
| 3817955.19 | 48.28550   | (19122408) |            |           |
| 394349.36  | 3817946.07 | 49.07561   | (16022308) | 394327.67 |
| 3817936.95 | 44.87961   | (16022308) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 835

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 394305.98   | 3817927.83  | 45.24417   | (20032008) | 394284.30   |
| 3817918.71  | 47.99395    | (20032008) |            |             |
| 394262.61   | 3817909.59  | 47.62302   | (20032008) | 394240.92   |
| 3817900.47  | 44.76107    | (20032008) |            |             |
| 394219.23   | 3817891.35  | 39.65714   | (20032008) | 394197.54   |
| 3817882.23  | 37.82633    | (20022708) |            |             |
| 394175.86   | 3817873.11  | 34.23807   | (18032008) | 394154.17   |
| 3817863.99  | 37.56160    | (20011808) |            |             |
| 394132.48   | 3817854.87  | 42.34094   | (20092608) | 394110.79   |
| 3817845.75  | 42.31864    | (20092608) |            |             |
| 394089.10   | 3817836.63  | 38.83044   | (16010508) | 394067.42   |
| 3817827.51  | 46.94472    | (16121408) |            |             |
| 394045.73   | 3817818.39  | 57.18532   | (16121408) | 394024.04   |
| 3817809.27  | 58.38349    | (16121408) |            |             |
| 394002.35   | 3817800.15  | 50.09331   | (16121408) | 393980.66   |
| 3817791.03  | 43.87457c   | (20073108) |            |             |
| 393958.98   | 3817781.91  | 44.68257c  | (20073108) | 393937.29   |
| 3817772.79  | 41.90171c   | (20073108) |            |             |
| 393915.60   | 3817763.67  | 35.28437c  | (20073108) | 393893.91   |
| 3817754.55  | 38.83707    | (18011724) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393872.22  | 3817745.43 | 41.91830   | (18011724) | 393850.54 |
| 3817736.31 | 40.69675   | (18011724) |            |           |
| 393828.85  | 3817727.19 | 34.44197   | (18011724) | 393807.16 |
| 3817718.07 | 25.74292   | (18011724) |            |           |
| 393785.47  | 3817708.95 | 23.28368   | (19082108) | 393763.78 |
| 3817699.83 | 21.92356   | (19121208) |            |           |
| 393742.10  | 3817690.71 | 19.27745   | (19121208) | 393720.41 |
| 3817681.59 | 16.74781   | (19120508) |            |           |
| 393698.72  | 3817672.47 | 17.53768   | (19120508) | 393677.03 |
| 3817663.35 | 16.14623   | (19120508) |            |           |
| 393655.34  | 3817654.23 | 13.76036   | (18032908) | 393633.65 |
| 3817645.11 | 14.42551   | (18032908) |            |           |
| 393611.97  | 3817635.99 | 14.37428   | (18032908) | 393590.28 |
| 3817626.87 | 14.27825   | (18032908) |            |           |
| 393568.59  | 3817617.75 | 13.86757   | (18032908) | 393546.90 |
| 3817608.63 | 13.10053   | (18032908) |            |           |
| 393525.21  | 3817599.51 | 11.94056   | (18111108) | 393494.28 |
| 3817568.75 | 8.32004    | (17030408) |            |           |
| 393485.03  | 3817547.12 | 8.46163    | (17030408) | 393475.78 |
| 3817525.49 | 8.04921    | (17030408) |            |           |
| 393466.53  | 3817503.85 | 7.77629    | (18021308) | 393457.28 |
| 3817482.22 | 8.31539    | (20022908) |            |           |
| 393448.03  | 3817460.59 | 7.32249    | (19020208) | 393438.79 |
| 3817438.95 | 8.34221    | (19020208) |            |           |
| 393429.54  | 3817417.32 | 8.88784    | (19020208) | 393420.29 |
| 3817395.69 | 8.90363    | (19020208) |            |           |
| 393411.04  | 3817374.05 | 8.19986    | (19020208) | 393401.79 |
| 3817352.42 | 6.83722    | (19020208) |            |           |
| 393392.54  | 3817330.79 | 5.31712m   | (18110924) | 393383.29 |
| 3817309.15 | 5.58103m   | (18110924) |            |           |
| 393374.04  | 3817287.52 | 5.65407m   | (18110924) | 393364.79 |
| 3817265.89 | 5.63012m   | (18110924) |            |           |
| 393355.55  | 3817244.25 | 5.46681m   | (18110924) | 393346.30 |
| 3817222.62 | 5.19076m   | (18110924) |            |           |
| 393337.05  | 3817200.99 | 4.96995m   | (18110924) | 393327.80 |
| 3817179.35 | 4.79585m   | (18110924) |            |           |
| 393318.55  | 3817157.72 | 5.06599    | (17120424) | 393309.30 |
| 3817136.09 | 5.38992    | (17120424) |            |           |
| 393300.05  | 3817114.45 | 5.55729    | (17120424) | 393290.80 |
| 3817092.82 | 5.49713    | (17120424) |            |           |
| 393281.56  | 3817071.19 | 5.24418    | (17120424) | 393272.31 |
| 3817049.55 | 4.82238    | (17120424) |            |           |
| 393263.06  | 3817027.92 | 4.31687    | (17120424) | 393253.81 |
| 3817006.28 | 4.02473    | (18110908) |            |           |
| 393244.56  | 3816984.65 | 4.20773    | (18110908) | 393235.31 |
| 3816963.02 | 4.24928    | (18110908) |            |           |
| 393226.06  | 3816941.38 | 4.21586    | (18110908) | 393216.81 |
| 3816919.75 | 4.06019    | (18110908) |            |           |
| 393207.57  | 3816898.12 | 3.81171    | (18110908) | 393198.32 |
| 3816876.48 | 3.86689    | (20030208) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393189.07  | 3816854.85 | 3.85237    | (20030208) | 393179.82 |
| 3816833.22 | 3.73942    | (20030208) |            |           |
| 393170.57  | 3816811.58 | 3.53631    | (20030208) | 393161.32 |
| 3816789.95 | 3.28156    | (20030208) |            |           |
| 393152.07  | 3816768.32 | 2.99020    | (20030208) | 393142.82 |
| 3816746.68 | 2.70541    | (20030208) |            |           |
| 393133.58  | 3816725.05 | 2.68432    | (19101108) | 393124.33 |
| 3816703.42 | 2.74877    | (19101108) |            |           |
| 393115.08  | 3816681.78 | 3.06598    | (17100908) | 393105.83 |
| 3816660.15 | 3.49256    | (17100908) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 836

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393096.58   | 3816638.52  | 3.92148    | (17100908) | 393087.33   |
| 3816616.88  | 4.28681     | (17100908) |            |             |
| 393078.08   | 3816595.25  | 4.52525    | (17100908) | 393068.83   |
| 3816573.62  | 4.60148     | (17100908) |            |             |
| 393059.58   | 3816551.98  | 4.54120    | (17100908) | 393050.34   |
| 3816530.35  | 4.34524     | (17100908) |            |             |
| 393041.09   | 3816508.72  | 4.05527    | (17100908) | 394609.62   |
| 3818055.51  | 42.93361    | (19092024) |            |             |
| 394633.55   | 3818055.84  | 48.26532   | (19092024) | 394657.48   |
| 3818056.17  | 45.49266    | (19092024) |            |             |
| 394681.41   | 3818056.49  | 37.67994   | (19120224) | 394705.34   |
| 3818056.82  | 48.60575    | (16092808) |            |             |
| 394729.27   | 3818057.15  | 59.72500   | (16092808) | 394753.20   |
| 3818057.48  | 62.61372    | (16092808) |            |             |
| 394777.14   | 3818057.80  | 55.45922   | (16092808) | 394801.07   |
| 3818058.13  | 44.06451    | (19010308) |            |             |
| 394825.00   | 3818058.46  | 43.64801   | (19010308) | 394848.93   |
| 3818058.79  | 40.80180    | (18022608) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394872.86  | 3818059.12 | 42.81743   | (19102024) | 394896.79 |
| 3818059.44 | 42.20778   | (19102024) |            |           |
| 394920.72  | 3818059.77 | 36.34640   | (18020224) | 394944.65 |
| 3818060.10 | 31.88913   | (20022708) |            |           |
| 394968.58  | 3818060.43 | 44.57522   | (19091808) | 394992.52 |
| 3818060.75 | 56.01005   | (19091808) |            |           |
| 395016.45  | 3818061.08 | 59.42453   | (19091808) | 395040.38 |
| 3818061.41 | 52.81207   | (19091808) |            |           |
| 394584.14  | 3818296.21 | 39.65062   | (19092024) | 394562.09 |
| 3818286.94 | 36.00029   | (16082908) |            |           |
| 394540.04  | 3818277.67 | 34.31917   | (16082908) | 394517.99 |
| 3818268.40 | 37.73573   | (16102908) |            |           |
| 394495.94  | 3818259.12 | 37.86809   | (16102908) | 394473.89 |
| 3818249.85 | 33.18836   | (16102908) |            |           |
| 394451.84  | 3818240.58 | 31.08342   | (17021124) | 394429.79 |
| 3818231.31 | 30.99712   | (19112124) |            |           |
| 394407.74  | 3818222.04 | 36.33041   | (20032208) | 394385.69 |
| 3818212.76 | 44.84519   | (20032208) |            |           |
| 394363.64  | 3818203.49 | 50.45269   | (20032208) | 394341.59 |
| 3818194.22 | 51.49284   | (20032208) |            |           |
| 394319.54  | 3818184.95 | 47.55347   | (20032208) | 394297.49 |
| 3818175.67 | 41.33229   | (19122408) |            |           |
| 394275.44  | 3818166.40 | 41.87656   | (16022308) | 394253.39 |
| 3818157.13 | 39.45531   | (16022308) |            |           |
| 394231.34  | 3818147.86 | 36.87432   | (20032008) | 394209.29 |
| 3818138.58 | 39.94263   | (20032008) |            |           |
| 394187.24  | 3818129.31 | 40.69851   | (20032008) | 394165.19 |
| 3818120.04 | 39.60037   | (20032008) |            |           |
| 394143.14  | 3818110.77 | 36.94822   | (20032008) | 394121.09 |
| 3818101.49 | 33.12114   | (18020308) |            |           |
| 394099.04  | 3818092.22 | 32.73626   | (20022708) | 394076.99 |
| 3818082.95 | 29.68121   | (20022708) |            |           |
| 394054.94  | 3818073.68 | 31.92302   | (20011808) | 394032.89 |
| 3818064.41 | 34.74866   | (20092608) |            |           |
| 394010.84  | 3818055.13 | 36.44252   | (20092608) | 393988.79 |
| 3818045.86 | 34.16404   | (20092608) |            |           |
| 393966.73  | 3818036.59 | 33.89117   | (16010508) | 393944.68 |
| 3818027.32 | 42.45979   | (16121408) |            |           |
| 393922.63  | 3818018.04 | 47.30612   | (16121408) | 393900.58 |
| 3818008.77 | 46.24319   | (16121408) |            |           |
| 393878.53  | 3817999.50 | 39.76338   | (16121408) | 393856.48 |
| 3817990.23 | 34.74844c  | (20073108) |            |           |
| 393834.43  | 3817980.95 | 33.52961c  | (20073108) | 393812.38 |
| 3817971.68 | 30.03772c  | (20073108) |            |           |
| 393790.33  | 3817962.41 | 24.59711c  | (20073108) | 393768.28 |
| 3817953.14 | 18.88786   | (18011724) |            |           |
| 393746.23  | 3817943.86 | 22.49004   | (18011724) | 393724.18 |
| 3817934.59 | 24.65481   | (18011724) |            |           |
| 393702.13  | 3817925.32 | 24.43866   | (18011724) | 393680.08 |
| 3817916.05 | 22.31719   | (18011724) |            |           |





|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 393195.63  | 3817459.76          | 6.52187             | (19020208) | 393186.23 |
| 3817437.77 | 5.74096m (18110924) |                     |            |           |
| 393176.82  | 3817415.77          | 6.00884m (18110924) |            | 393167.42 |
| 3817393.78 | 6.11903m (18110924) |                     |            |           |
| 393158.02  | 3817371.78          | 5.99938m (18110924) |            | 393148.61 |
| 3817349.79 | 5.68047m (18110924) |                     |            |           |
| 393139.21  | 3817327.79          | 5.36171m (18110924) |            | 393129.81 |
| 3817305.80 | 5.17836m (18110924) |                     |            |           |
| 393120.40  | 3817283.80          | 5.10088m (18110924) |            | 393111.00 |
| 3817261.81 | 5.07983m (18110924) |                     |            |           |
| 393101.60  | 3817239.81          | 5.05182m (18110924) |            | 393092.19 |
| 3817217.82 | 5.07371m (18110924) |                     |            |           |
| 393082.79  | 3817195.82          | 5.01433m (18110924) |            | 393073.39 |
| 3817173.83 | 4.87858 (17120424)  |                     |            |           |
| 393063.98  | 3817151.84          | 4.67892 (17120424)  |            | 393054.58 |
| 3817129.84 | 4.36994 (17120424)  |                     |            |           |
| 393045.18  | 3817107.85          | 3.96017 (17120424)  |            | 393035.77 |
| 3817085.85 | 3.88548 (16120224)  |                     |            |           |
| 393026.37  | 3817063.86          | 3.81267 (18110908)  |            | 393016.97 |
| 3817041.86 | 3.88324 (18110908)  |                     |            |           |
| 393007.57  | 3817019.87          | 3.90883 (18110908)  |            | 392998.16 |
| 3816997.87 | 3.91495 (18110908)  |                     |            |           |
| 392988.76  | 3816975.88          | 3.89332 (18110908)  |            | 392979.36 |
| 3816953.88 | 4.10377 (20030208)  |                     |            |           |
| 392969.95  | 3816931.89          | 4.59910 (19031408)  |            | 392960.55 |
| 3816909.89 | 5.17075 (19031408)  |                     |            |           |
| 392951.15  | 3816887.90          | 5.54440 (19031408)  |            | 392941.74 |
| 3816865.90 | 5.72806 (19031408)  |                     |            |           |
| 392932.34  | 3816843.91          | 5.84699 (19031408)  |            | 392922.94 |
| 3816821.91 | 5.84174 (19031408)  |                     |            |           |
| 392913.53  | 3816799.92          | 5.79516 (19031408)  |            | 392904.13 |
| 3816777.92 | 5.76730 (19031408)  |                     |            |           |
| 392894.73  | 3816755.93          | 6.45165 (19112324)  |            | 392885.32 |
| 3816733.93 | 6.51900 (19100424)  |                     |            |           |
| 392875.92  | 3816711.94          | 5.70167 (19100424)  |            | 392866.52 |
| 3816689.94 | 5.05537 (17100908)  |                     |            |           |
| 392857.11  | 3816667.95          | 5.38976 (17100908)  |            | 392847.71 |
| 3816645.96 | 5.60475 (17100908)  |                     |            |           |
| 392838.31  | 3816623.96          | 5.64146 (17100908)  |            | 392828.90 |
| 3816601.97 | 5.61853 (17100908)  |                     |            |           |
| 392819.50  | 3816579.97          | 5.44647 (17100908)  |            | 392810.10 |
| 3816557.98 | 5.14911 (17100908)  |                     |            |           |
| 392800.69  | 3816535.98          | 4.77963 (17100908)  |            | 392791.29 |
| 3816513.99 | 4.34237 (17100908)  |                     |            |           |
| 394606.19  | 3818305.49          | 40.69177 (19092024) |            | 394630.12 |
| 3818305.81 | 36.69158 (19092024) |                     |            |           |
| 394654.06  | 3818306.14          | 32.27810 (19120224) |            | 394677.99 |
| 3818306.47 | 40.78611 (16092808) |                     |            |           |
| 394701.92  | 3818306.80          | 49.57024 (16092808) |            | 394725.85 |
| 3818307.13 | 53.33058 (16092808) |                     |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394749.78  | 3818307.45 | 50.41900   | (16092808) | 394773.71 |
| 3818307.78 | 41.70944   | (16092808) |            |           |
| 394797.64  | 3818308.11 | 37.69584   | (19010308) | 394821.57 |
| 3818308.44 | 35.82287   | (19010308) |            |           |
| 394845.50  | 3818308.76 | 34.03430   | (18022608) | 394869.44 |
| 3818309.09 | 36.30964   | (19102024) |            |           |
| 394893.37  | 3818309.42 | 36.62802   | (19102024) | 394917.30 |
| 3818309.75 | 32.15007   | (19102024) |            |           |
| 394941.23  | 3818310.08 | 29.07236   | (18020224) | 394965.16 |
| 3818310.40 | 30.34250   | (19091808) |            |           |
| 394989.09  | 3818310.73 | 40.66152   | (19091808) | 395013.02 |
| 3818311.06 | 48.46850   | (19091808) |            |           |
| 395036.95  | 3818311.39 | 50.55561   | (19091808) | 394577.39 |
| 3818796.21 | 25.25137   | (19092024) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 838

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394555.44   | 3818786.98  | 29.28894   | (19092024) | 394533.48   |
| 3818777.74  | 31.20006    | (19092024) |            |             |
| 394511.53   | 3818768.51  | 30.48639   | (19092024) | 394489.58   |
| 3818759.28  | 27.29168    | (19092024) |            |             |
| 394467.62   | 3818750.05  | 27.22969   | (16082908) | 394445.67   |
| 3818740.82  | 26.33307    | (16102908) |            |             |
| 394423.72   | 3818731.59  | 28.87509   | (16102908) | 394401.76   |
| 3818722.35  | 28.97017    | (16102908) |            |             |
| 394379.81   | 3818713.12  | 26.56912   | (16102908) | 394357.86   |
| 3818703.89  | 23.48743    | (17021124) |            |             |
| 394335.90   | 3818694.66  | 23.42723   | (17021124) | 394313.95   |
| 3818685.43  | 23.75508    | (19112124) |            |             |
| 394291.99   | 3818676.20  | 26.39784   | (20032208) | 394270.04   |
| 3818666.96  | 31.94722    | (20032208) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394248.09  | 3818657.73 | 36.42057   | (20032208) | 394226.13 |
| 3818648.50 | 38.98905   | (20032208) |            |           |
| 394204.18  | 3818639.27 | 39.13287   | (20032208) | 394182.23 |
| 3818630.04 | 36.78612   | (20032208) |            |           |
| 394160.27  | 3818620.81 | 33.59998   | (19122408) | 394138.32 |
| 3818611.57 | 31.37618   | (16022308) |            |           |
| 394116.37  | 3818602.34 | 31.76954   | (16022308) | 394094.41 |
| 3818593.11 | 29.89491   | (16022308) |            |           |
| 394072.46  | 3818583.88 | 27.20821   | (20032008) | 394050.50 |
| 3818574.65 | 29.44336   | (20032008) |            |           |
| 394028.55  | 3818565.41 | 30.47357   | (20032008) | 394006.60 |
| 3818556.18 | 30.47123   | (20032008) |            |           |
| 393984.64  | 3818546.95 | 29.66822   | (20032008) | 393962.69 |
| 3818537.72 | 28.16068   | (20032008) |            |           |
| 393940.74  | 3818528.49 | 25.91891   | (20032008) | 393918.78 |
| 3818519.26 | 25.01259   | (20022708) |            |           |
| 393896.83  | 3818510.02 | 25.27215   | (20022708) | 393874.88 |
| 3818500.79 | 22.98837   | (20022708) |            |           |
| 393852.92  | 3818491.56 | 24.20431   | (20011808) | 393830.97 |
| 3818482.33 | 25.48154   | (20011808) |            |           |
| 393809.01  | 3818473.10 | 27.04504   | (20092608) | 393787.06 |
| 3818463.87 | 27.41025   | (20092608) |            |           |
| 393765.11  | 3818454.63 | 25.77704   | (20092608) | 393743.15 |
| 3818445.40 | 25.16315   | (16010508) |            |           |
| 393721.20  | 3818436.17 | 29.24582   | (16121408) | 393699.25 |
| 3818426.94 | 35.31867   | (16121408) |            |           |
| 393677.29  | 3818417.71 | 38.76341   | (16121408) | 393655.34 |
| 3818408.48 | 38.70726   | (16121408) |            |           |
| 393633.38  | 3818399.24 | 35.20243   | (16121408) | 393611.43 |
| 3818390.01 | 29.19041   | (16121408) |            |           |
| 393589.48  | 3818380.78 | 28.27995c  | (20073108) | 393567.52 |
| 3818371.55 | 28.86694c  | (20073108) |            |           |
| 393545.57  | 3818362.32 | 28.35008c  | (20073108) | 393523.62 |
| 3818353.09 | 26.49756c  | (20073108) |            |           |
| 393501.66  | 3818343.85 | 23.28800c  | (20073108) | 393479.71 |
| 3818334.62 | 25.96132   | (18011724) |            |           |
| 393457.76  | 3818325.39 | 30.20901   | (18011724) | 393435.80 |
| 3818316.16 | 32.62074   | (18011724) |            |           |
| 393413.85  | 3818306.93 | 32.83332   | (18011724) | 393391.89 |
| 3818297.69 | 30.89496   | (18011724) |            |           |
| 393369.94  | 3818288.46 | 26.84137   | (18011724) | 393347.99 |
| 3818279.23 | 22.06920   | (18011724) |            |           |
| 393326.03  | 3818270.00 | 19.93607   | (19082108) | 393304.08 |
| 3818260.77 | 20.00041   | (19062708) |            |           |
| 393282.13  | 3818251.54 | 20.23679   | (19062708) | 393260.17 |
| 3818242.30 | 18.95227c  | (19090108) |            |           |
| 393238.22  | 3818233.07 | 19.14358c  | (19090108) | 393216.27 |
| 3818223.84 | 18.56503   | (19120508) |            |           |
| 393194.31  | 3818214.61 | 20.75133   | (19120508) | 393172.36 |
| 3818205.38 | 21.61769   | (19120508) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393150.40  | 3818196.15 | 21.01123   | (19120508) | 393128.45 |
| 3818186.91 | 19.24910   | (19120508) |            |           |
| 393106.50  | 3818177.68 | 19.29842   | (18032908) | 393084.54 |
| 3818168.45 | 20.58429   | (18032908) |            |           |
| 393062.59  | 3818159.22 | 21.67244   | (18032908) | 393040.64 |
| 3818149.99 | 21.74638   | (18032908) |            |           |
| 393018.68  | 3818140.76 | 21.35100   | (18111108) | 392996.73 |
| 3818131.52 | 21.57936   | (18111108) |            |           |
| 392965.41  | 3818100.39 | 18.60083   | (18111108) | 392956.05 |
| 3818078.50 | 15.36288   | (18111108) |            |           |
| 392946.69  | 3818056.60 | 12.25394   | (18111108) | 392937.33 |
| 3818034.70 | 9.76951    | (19111224) |            |           |
| 392927.96  | 3818012.80 | 10.44094   | (17030408) | 392918.60 |
| 3817990.90 | 10.98044   | (17030408) |            |           |
| 392909.24  | 3817969.00 | 11.42575   | (20022908) | 392899.88 |
| 3817947.11 | 13.61025   | (20022908) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 839

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392890.52   | 3817925.21  | 15.46404   | (20022908) | 392881.15   |
| 3817903.31  | 15.65180    | (20022908) |            |             |
| 392871.79   | 3817881.41  | 14.49393   | (20022908) | 392862.43   |
| 3817859.51  | 12.57150    | (20022908) |            |             |
| 392853.07   | 3817837.61  | 10.67476   | (16103008) | 392843.71   |
| 3817815.71  | 11.77549    | (19020208) |            |             |
| 392834.34   | 3817793.82  | 12.82521   | (19020208) | 392824.98   |
| 3817771.92  | 13.03672    | (19020208) |            |             |
| 392815.62   | 3817750.02  | 12.46613   | (19020208) | 392806.26   |
| 3817728.12  | 11.13337    | (19020208) |            |             |
| 392796.90   | 3817706.22  | 9.27489    | (19020208) | 392787.53   |
| 3817684.32  | 7.19399     | (19020208) |            |             |

|            |           |                    |                     |           |
|------------|-----------|--------------------|---------------------|-----------|
| 3817640.53 | 392778.17 | 3817662.43         | 7.04769c (18022408) | 392768.81 |
| 3817596.73 | 392759.45 | 3817618.63         | 6.52213m (18110924) | 392750.09 |
| 3817552.93 | 392740.72 | 3817574.83         | 6.28677m (18110924) | 392731.36 |
| 3817509.14 | 392722.00 | 3817531.04         | 5.98772m (18110924) | 392712.64 |
| 3817465.34 | 392703.28 | 3817487.24         | 5.95419m (18110924) | 392693.91 |
| 3817421.54 | 392684.55 | 3817443.44         | 6.11957m (18110924) | 392675.19 |
| 3817377.75 | 392665.83 | 3817399.65         | 6.09878m (18110924) | 392656.47 |
| 3817333.95 | 392647.10 | 3817355.85         | 6.25608m (18110924) | 392637.74 |
| 3817290.15 | 392628.38 | 3817312.05         | 5.68663m (18110924) | 392619.02 |
| 3817246.36 | 392609.66 | 3817268.25         | 4.63416m (18110924) | 392600.29 |
| 3817202.56 | 392590.93 | 3817224.46         | 6.56700 (19120508)  | 392581.57 |
| 3817158.76 | 392572.21 | 3817180.66         | 8.47233 (19120508)  | 392562.84 |
| 3817114.97 | 392553.48 | 3817136.86         | 9.48222 (20011508)  | 392544.12 |
| 3817071.17 | 392534.76 | 3817093.07         | 16.38563 (18031108) | 392525.40 |
| 3816983.58 | 392516.03 | 3817049.27         | 24.31212 (18031108) | 392506.67 |
| 3816939.78 | 392497.31 | 3817005.47         | 20.39877 (18031108) | 392487.95 |
| 3816895.98 | 392478.59 | 3816961.68         | 15.54154 (18031108) | 392469.22 |
| 3816852.19 | 392459.86 | 3816917.88         | 12.17640 (17030408) | 392450.50 |
| 3816808.39 | 392441.14 | 3816874.08         | 7.19709 (17030408)  | 392431.78 |
| 3816764.59 | 392422.41 | 3816830.29         | 5.65083 (19100424)  | 392413.05 |
| 3816720.79 | 392403.69 | 3816786.49         | 5.53794 (19100424)  | 392394.33 |
| 3816677.00 | 392384.97 | 3816742.69         | 4.66969 (19100424)  | 392375.60 |
| 3816633.20 | 392366.24 | 3816698.90         | 5.22817 (17100908)  | 392356.88 |
| 3816589.40 | 392347.52 | 3816655.10         | 5.71409 (17100908)  | 392338.16 |
|            | 392328.79 | 3816611.30         | 5.82032 (17100908)  | 392319.43 |
|            |           | 6.27972 (18111708) |                     |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392310.07  | 3816567.51 | 6.32464    | (18111708) | 392300.71 |
| 3816545.61 | 6.42076    | (18111708) |            |           |
| 392291.35  | 3816523.71 | 6.39649    | (19031408) | 394599.35 |
| 3818805.44 | 24.61430   | (19120224) |            |           |
| 394623.28  | 3818805.77 | 30.32922   | (16092808) | 394647.21 |
| 3818806.10 | 36.09722   | (16092808) |            |           |
| 394671.14  | 3818806.42 | 39.71174   | (16092808) | 394695.07 |
| 3818806.75 | 40.19918   | (16092808) |            |           |
| 394719.00  | 3818807.08 | 37.33528   | (16092808) | 394742.93 |
| 3818807.41 | 31.75593   | (16092808) |            |           |
| 394766.86  | 3818807.73 | 27.95732   | (19010308) | 394790.79 |
| 3818808.06 | 28.01200   | (19010308) |            |           |
| 394814.73  | 3818808.39 | 25.58502   | (19010308) | 394838.66 |
| 3818808.72 | 25.17732   | (18022608) |            |           |
| 394862.59  | 3818809.05 | 27.39155   | (19102024) | 394886.52 |
| 3818809.37 | 28.28405   | (19102024) |            |           |
| 394910.45  | 3818809.70 | 26.63807   | (19102024) | 394934.38 |
| 3818810.03 | 24.13801   | (18020224) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 840

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394958.31   | 3818810.36  | 22.04288   | (18020224) | 394982.24   |
| 3818810.68  | 21.13408    | (19091808) |            |             |
| 395006.17   | 3818811.01  | 27.61296   | (19091808) | 395030.11   |
| 3818811.34  | 33.60383    | (19091808) |            |             |
| 394570.61   | 3819296.19  | 23.92639   | (16092808) | 394548.72   |
| 3819286.98  | 19.75300    | (16092808) |            |             |
| 394526.82   | 3819277.78  | 19.83680   | (19120224) | 394504.93   |
| 3819268.57  | 21.51267    | (19092024) |            |             |
| 394483.04   | 3819259.37  | 23.84533   | (19092024) | 394461.15   |
| 3819250.16  | 24.86622    | (19092024) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3819231.75 | 394439.26 | 3819240.95 | 24.37832 | (19092024) | 394417.37 |
|            |           | 22.45213   |          | (19092024) |           |
| 3819213.34 | 394395.48 | 3819222.54 | 21.86026 | (16082908) | 394373.58 |
|            |           | 21.18132   |          | (16082908) |           |
| 3819194.93 | 394351.69 | 3819204.13 | 21.48209 | (16102908) | 394329.80 |
|            |           | 22.98782   |          | (16102908) |           |
| 3819176.52 | 394307.91 | 3819185.72 | 23.08168 | (16102908) | 394286.02 |
|            |           | 21.73386   |          | (16102908) |           |
| 3819158.10 | 394264.13 | 3819167.31 | 19.18442 | (16102908) | 394242.24 |
|            |           | 18.84045   |          | (17021124) |           |
| 3819139.69 | 394220.34 | 3819148.90 | 18.36942 | (17021124) | 394198.45 |
|            |           | 18.90684   |          | (19112124) |           |
| 3819121.28 | 394176.56 | 3819130.49 | 20.16933 | (20032208) | 394154.67 |
|            |           | 23.98305   |          | (20032208) |           |
| 3819102.87 | 394132.78 | 3819112.08 | 27.35271 | (20032208) | 394110.89 |
|            |           | 29.85130   |          | (20032208) |           |
| 3819084.46 | 394089.00 | 3819093.67 | 31.13744 | (20032208) | 394067.10 |
|            |           | 31.02471   |          | (20032208) |           |
| 3819066.05 | 394045.21 | 3819075.25 | 29.51142 | (20032208) | 394023.32 |
|            |           | 27.68001   |          | (19122408) |           |
| 3819047.64 | 394001.43 | 3819056.84 | 24.90231 | (19122408) | 393979.54 |
|            |           | 25.22556   |          | (16022308) |           |
| 3819029.23 | 393957.65 | 3819038.43 | 25.08842 | (16022308) | 393935.76 |
|            |           | 23.68213   |          | (16022308) |           |
| 3819010.82 | 393913.87 | 3819020.02 | 21.17594 | (16022308) | 393891.97 |
|            |           | 22.74315   |          | (20032008) |           |
| 3818992.40 | 393870.08 | 3819001.61 | 23.70368 | (20032008) | 393848.19 |
|            |           | 24.02910   |          | (20032008) |           |
| 3818973.99 | 393826.30 | 3818983.20 | 23.84675 | (20032008) | 393804.41 |
|            |           | 23.26942   |          | (20032008) |           |
| 3818955.58 | 393782.52 | 3818964.79 | 22.32952 | (20032008) | 393760.63 |
|            |           | 20.99402   |          | (20032008) |           |
| 3818937.17 | 393738.73 | 3818946.38 | 19.74916 | (18020308) | 393716.84 |
|            |           | 20.46262   |          | (20022708) |           |
| 3818918.76 | 393694.95 | 3818927.97 | 20.20091 | (20022708) | 393673.06 |
|            |           | 18.49671   |          | (20022708) |           |
| 3818900.35 | 393651.17 | 3818909.55 | 19.04769 | (20011808) | 393629.28 |
|            |           | 20.40000   |          | (20011808) |           |
| 3818881.94 | 393607.39 | 3818891.14 | 20.54149 | (20092608) | 393585.49 |
|            |           | 21.61697   |          | (20092608) |           |
| 3818863.53 | 393563.60 | 3818872.73 | 21.55380 | (20092608) | 393541.71 |
|            |           | 20.36654   |          | (20092608) |           |
| 3818845.12 | 393519.82 | 3818854.32 | 19.69860 | (19120508) | 393497.93 |
|            |           | 21.06481   |          | (16121408) |           |
| 3818826.71 | 393476.04 | 3818835.91 | 25.72151 | (16121408) | 393454.15 |
|            |           | 29.31579   |          | (16121408) |           |
| 3818808.29 | 393432.25 | 3818817.50 | 31.21229 | (16121408) | 393410.36 |
|            |           | 31.06266   |          | (16121408) |           |
| 3818789.88 | 393388.47 | 3818799.09 | 28.91684 | (16121408) | 393366.58 |
|            |           | 25.19519   |          | (16121408) |           |



|            |                      |                      |           |
|------------|----------------------|----------------------|-----------|
| 393344.69  | 3818780.68           | 21.72201c (20073108) | 393322.80 |
| 3818771.47 | 22.51746c (20073108) |                      |           |
| 393300.91  | 3818762.27           | 22.82826c (20073108) | 393279.02 |
| 3818753.06 | 22.52615c (20073108) |                      |           |
| 393257.12  | 3818743.86           | 21.47735c (20073108) | 393235.23 |
| 3818734.65 | 19.63239c (20073108) |                      |           |
| 393213.34  | 3818725.44           | 18.21077 (18011724)  | 393191.45 |
| 3818716.24 | 21.64974 (18011724)  |                      |           |
| 393169.56  | 3818707.03           | 24.33783 (18011724)  | 393147.67 |
| 3818697.83 | 25.94587 (18011724)  |                      |           |
| 393125.78  | 3818688.62           | 26.30674 (18011724)  | 393103.88 |
| 3818679.42 | 25.43066 (18011724)  |                      |           |
| 393081.99  | 3818670.21           | 23.48567 (18011724)  | 393060.10 |
| 3818661.01 | 20.74697 (18011724)  |                      |           |
| 393038.21  | 3818651.80           | 17.53776 (18011724)  | 393016.32 |
| 3818642.59 | 15.80083 (19082108)  |                      |           |
| 392994.43  | 3818633.39           | 17.01351 (19062708)  | 392972.54 |
| 3818624.18 | 17.78495 (19062708)  |                      |           |
| 392950.64  | 3818614.98           | 17.46589 (19062708)  | 392928.75 |
| 3818605.77 | 16.12801 (19062708)  |                      |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 841

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC                 | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|----------------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH)           |            |             |
| 392906.86   | 3818596.57          | 15.20006c (19090108) |            | 392884.97   |
| 3818587.36  | 16.34149 (20010724) |                      |            |             |
| 392863.08   | 3818578.16          | 17.41969 (19120508)  |            | 392841.19   |
| 3818568.95  | 18.83239 (19120508) |                      |            |             |
| 392819.30   | 3818559.74          | 19.38138 (19120508)  |            | 392797.41   |
| 3818550.54  | 18.99431 (19120508) |                      |            |             |
| 392775.51   | 3818541.33          | 17.74276 (19120508)  |            | 392753.62   |
| 3818532.13  | 16.91719 (17010724) |                      |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 392731.73  | 3818522.92           | 18.21940  | (17010724) | 392709.84 |
| 3818513.72 | 18.57864 (18032908)  |           |            |           |
| 392687.95  | 3818504.51           | 19.21039  | (18032908) | 392666.06 |
| 3818495.31 | 20.20419 (18111108)  |           |            |           |
| 392644.17  | 3818486.10           | 21.50574  | (18111108) | 392612.94 |
| 3818455.06 | 21.86381 (18111108)  |           |            |           |
| 392603.60  | 3818433.22           | 20.86794  | (18111108) | 392594.27 |
| 3818411.39 | 19.14388 (18111108)  |           |            |           |
| 392584.93  | 3818389.55           | 16.86308  | (18111108) | 392575.60 |
| 3818367.71 | 16.45195 (19111224)  |           |            |           |
| 392566.26  | 3818345.88           | 16.46488  | (19111224) | 392556.93 |
| 3818324.04 | 15.51743 (19111224)  |           |            |           |
| 392547.59  | 3818302.20           | 14.53769  | (19112124) | 392538.25 |
| 3818280.37 | 18.12642 (20022908)  |           |            |           |
| 392528.92  | 3818258.53           | 22.38124  | (20022908) | 392519.58 |
| 3818236.70 | 25.91227 (20022908)  |           |            |           |
| 392510.25  | 3818214.86           | 28.26774  | (20022908) | 392500.91 |
| 3818193.02 | 29.05993 (20022908)  |           |            |           |
| 392491.58  | 3818171.19           | 28.10029  | (20022908) | 392482.24 |
| 3818149.35 | 25.57049 (20022908)  |           |            |           |
| 392472.91  | 3818127.51           | 21.89128  | (20022908) | 392463.57 |
| 3818105.68 | 17.57815 (20022908)  |           |            |           |
| 392454.24  | 3818083.84           | 15.43495  | (19020208) | 392444.90 |
| 3818062.01 | 16.82361 (19020208)  |           |            |           |
| 392435.56  | 3818040.17           | 17.53780  | (19020208) | 392426.23 |
| 3818018.33 | 17.37509 (19020208)  |           |            |           |
| 392416.89  | 3817996.50           | 16.41127  | (19020208) | 392407.56 |
| 3817974.66 | 14.73112 (19020208)  |           |            |           |
| 392398.22  | 3817952.82           | 12.53287  | (19020208) | 392388.89 |
| 3817930.99 | 10.10057 (19020208)  |           |            |           |
| 392379.55  | 3817909.15           | 9.90660c  | (18022408) | 392370.22 |
| 3817887.32 | 10.39658c (18022408) |           |            |           |
| 392360.88  | 3817865.48           | 10.21883c | (18022408) | 392351.54 |
| 3817843.64 | 9.46467c (18022408)  |           |            |           |
| 392342.21  | 3817821.81           | 8.43156   | (18120624) | 392332.87 |
| 3817799.97 | 7.85790 (18120624)   |           |            |           |
| 392323.54  | 3817778.13           | 7.71489   | (20120624) | 392314.20 |
| 3817756.30 | 7.46569 (16102924)   |           |            |           |
| 392304.87  | 3817734.46           | 9.14247   | (16102924) | 392295.53 |
| 3817712.63 | 10.47339 (16102924)  |           |            |           |
| 392286.20  | 3817690.79           | 11.20118  | (16102924) | 392276.86 |
| 3817668.95 | 11.20960 (16102924)  |           |            |           |
| 392267.53  | 3817647.12           | 10.54534  | (16102924) | 392258.19 |
| 3817625.28 | 9.33817 (16102924)   |           |            |           |
| 392248.85  | 3817603.44           | 8.40934   | (18111708) | 392239.52 |
| 3817581.61 | 7.61636 (18111708)   |           |            |           |
| 392230.18  | 3817559.77           | 7.13037m  | (18110924) | 392220.85 |
| 3817537.94 | 7.01944m (18110924)  |           |            |           |
| 392211.51  | 3817516.10           | 6.74136m  | (18110924) | 392202.18 |
| 3817494.26 | 6.30409m (18110924)  |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392192.84  | 3817472.43 | 6.35052    | (20030908) | 392183.51 |
| 3817450.59 | 7.42558    | (20030908) |            |           |
| 392174.17  | 3817428.75 | 9.04119    | (16120808) | 392164.83 |
| 3817406.92 | 12.71273   | (16012724) |            |           |
| 392155.50  | 3817385.08 | 13.24368c  | (16070208) | 392146.16 |
| 3817363.24 | 15.35921   | (17013024) |            |           |
| 392136.83  | 3817341.41 | 16.99888   | (17013024) | 392127.49 |
| 3817319.57 | 19.13011   | (18102824) |            |           |
| 392118.16  | 3817297.74 | 18.81397   | (18102824) | 392108.82 |
| 3817275.90 | 17.24367   | (18102824) |            |           |
| 392099.49  | 3817254.06 | 15.18511   | (17111124) | 392090.15 |
| 3817232.23 | 17.38777   | (18031108) |            |           |
| 392080.82  | 3817210.39 | 19.98122   | (18031108) | 392071.48 |
| 3817188.55 | 21.94391   | (18031108) |            |           |
| 392062.14  | 3817166.72 | 23.10433   | (18031108) | 392052.81 |
| 3817144.88 | 23.43344   | (18031108) |            |           |
| 392043.47  | 3817123.05 | 23.08457   | (18031108) | 392034.14 |
| 3817101.21 | 22.19251   | (18031108) |            |           |
| 392024.80  | 3817079.37 | 20.92474   | (18031108) | 392015.47 |
| 3817057.54 | 19.73523   | (17030408) |            |           |
| 392006.13  | 3817035.70 | 19.97715   | (17030408) | 391996.80 |
| 3817013.86 | 19.19798   | (17030408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 842

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391987.46   | 3816992.03  | 17.47484   | (17030408) | 391978.12   |
| 3816970.19  | 17.11298    | (17011708) |            |             |
| 391968.79   | 3816948.36  | 18.47426   | (17011708) | 391959.45   |
| 3816926.52  | 18.69142    | (17011708) |            |             |
| 391950.12   | 3816904.68  | 17.73412   | (17011708) | 391940.78   |
| 3816882.85  | 16.73004    | (18030608) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 391931.45  | 3816861.01           | 16.54276  | (17030224) | 391922.11 |
| 3816839.17 | 17.31044m (19011124) |           |            |           |
| 391912.78  | 3816817.34           | 19.56729m | (19011124) | 391903.44 |
| 3816795.50 | 20.78318m (19011124) |           |            |           |
| 391894.11  | 3816773.67           | 20.75572m | (19011124) | 391884.77 |
| 3816751.83 | 19.50395m (19011124) |           |            |           |
| 391875.43  | 3816729.99           | 17.25733m | (19011124) | 391866.10 |
| 3816708.16 | 18.00536 (19120324)  |           |            |           |
| 391856.76  | 3816686.32           | 20.97442  | (18111708) | 391847.43 |
| 3816664.48 | 24.84042 (18111708)  |           |            |           |
| 391838.09  | 3816642.65           | 27.85796  | (18111708) | 391828.76 |
| 3816620.81 | 29.61275 (18111708)  |           |            |           |
| 391819.42  | 3816598.98           | 29.85871  | (18111708) | 391810.09 |
| 3816577.14 | 28.58009 (18111708)  |           |            |           |
| 391800.75  | 3816555.30           | 25.98684  | (18111708) | 391791.42 |
| 3816533.47 | 22.46299 (18111708)  |           |            |           |
| 394592.50  | 3819305.39           | 27.63691  | (16092808) | 394616.43 |
| 3819305.72 | 30.57998 (16092808)  |           |            |           |
| 394640.36  | 3819306.05           | 31.92341  | (16092808) | 394664.29 |
| 3819306.38 | 31.37646 (16092808)  |           |            |           |
| 394688.22  | 3819306.70           | 28.99456  | (16092808) | 394712.15 |
| 3819307.03 | 25.16636 (16092808)  |           |            |           |
| 394736.08  | 3819307.36           | 21.66227  | (19010308) | 394760.02 |
| 3819307.69 | 22.24210 (19010308)  |           |            |           |
| 394783.95  | 3819308.01           | 21.38767  | (19010308) | 394807.88 |
| 3819308.34 | 19.25792 (19010308)  |           |            |           |
| 394831.81  | 3819308.67           | 19.58685  | (18022608) | 394855.74 |
| 3819309.00 | 21.57787 (19102024)  |           |            |           |
| 394879.67  | 3819309.33           | 22.49621  | (19102024) | 394903.60 |
| 3819309.65 | 21.96077 (19102024)  |           |            |           |
| 394927.53  | 3819309.98           | 20.08033  | (19102024) | 394951.46 |
| 3819310.31 | 19.05264 (18020224)  |           |            |           |
| 394975.40  | 3819310.64           | 17.42114  | (18020224) | 394999.33 |
| 3819310.96 | 16.24744 (20022708)  |           |            |           |
| 395023.26  | 3819311.29           | 19.95847  | (19091808) | 394563.59 |
| 3819796.07 | 24.64326 (16092808)  |           |            |           |
| 394541.54  | 3819786.80           | 22.49473  | (16092808) | 394519.48 |
| 3819777.52 | 19.75206 (16092808)  |           |            |           |
| 394497.43  | 3819768.25           | 16.72099  | (16092808) | 394475.37 |
| 3819758.97 | 16.54928 (19120224)  |           |            |           |
| 394453.31  | 3819749.70           | 16.55068  | (19092024) | 394431.26 |
| 3819740.42 | 18.65033 (19092024)  |           |            |           |
| 394409.20  | 3819731.15           | 20.06105  | (19092024) | 394387.15 |
| 3819721.87 | 20.58769 (19092024)  |           |            |           |
| 394365.09  | 3819712.60           | 20.14866  | (19092024) | 394343.03 |
| 3819703.32 | 18.79498 (19092024)  |           |            |           |
| 394320.98  | 3819694.05           | 18.00001  | (16082908) | 394298.92 |
| 3819684.77 | 17.82207 (16082908)  |           |            |           |
| 394276.87  | 3819675.50           | 16.87494  | (16082908) | 394254.81 |
| 3819666.22 | 18.21381 (16102908)  |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394232.75  | 3819656.95 | 19.07352   | (16102908) | 394210.70 |
| 3819647.68 | 19.01780   | (16102908) |            |           |
| 394188.64  | 3819638.40 | 18.04798   | (16102908) | 394166.59 |
| 3819629.13 | 16.29777   | (16102908) |            |           |
| 394144.53  | 3819619.85 | 15.44120   | (17021124) | 394122.47 |
| 3819610.58 | 15.44056   | (17021124) |            |           |
| 394100.42  | 3819601.30 | 14.83029   | (19112124) | 394078.36 |
| 3819592.03 | 15.75420   | (19112124) |            |           |
| 394056.31  | 3819582.75 | 16.70360   | (20032208) | 394034.25 |
| 3819573.48 | 19.46157   | (20032208) |            |           |
| 394012.19  | 3819564.20 | 21.96226   | (20032208) | 393990.14 |
| 3819554.93 | 23.96448   | (20032208) |            |           |
| 393968.08  | 3819545.65 | 25.26605   | (20032208) | 393946.03 |
| 3819536.38 | 25.72769   | (20032208) |            |           |
| 393923.97  | 3819527.10 | 25.29639   | (20032208) | 393901.92 |
| 3819517.83 | 24.00755   | (20032208) |            |           |
| 393879.86  | 3819508.55 | 22.88757   | (19122408) | 393857.80 |
| 3819499.28 | 20.94352   | (19122408) |            |           |
| 393835.75  | 3819490.00 | 20.60922   | (16022308) | 393813.69 |
| 3819480.73 | 20.84412   | (16022308) |            |           |
| 393791.64  | 3819471.45 | 20.27112   | (16022308) | 393769.58 |
| 3819462.18 | 18.93158   | (16022308) |            |           |
| 393747.52  | 3819452.91 | 17.51525   | (20032008) | 393725.47 |
| 3819443.63 | 18.63890   | (20032008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 843

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393703.41   | 3819434.36  | 19.31737   | (20032008) | 393681.36   |
| 3819425.08  | 19.59112    | (20032008) |            |             |
| 393659.30   | 3819415.81  | 19.53751   | (20032008) | 393637.24   |
| 3819406.53  | 19.23458    | (20032008) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393615.19  | 3819397.26 | 18.72205   | (20032008) | 393593.13 |
| 3819387.98 | 17.99228   | (20032008) |            |           |
| 393571.08  | 3819378.71 | 17.01288   | (20032008) | 393549.02 |
| 3819369.43 | 16.22124   | (18020308) |            |           |
| 393526.96  | 3819360.16 | 16.92991   | (20022708) | 393504.91 |
| 3819350.88 | 17.03358   | (20022708) |            |           |
| 393482.85  | 3819341.61 | 16.17261   | (20022708) | 393460.80 |
| 3819332.33 | 14.92032   | (18032008) |            |           |
| 393438.74  | 3819323.06 | 16.23480   | (20011808) | 393416.68 |
| 3819313.78 | 17.03946   | (20011808) |            |           |
| 393394.63  | 3819304.51 | 16.88229   | (20011808) | 393372.57 |
| 3819295.23 | 17.62570   | (20092608) |            |           |
| 393350.52  | 3819285.96 | 17.76801   | (20092608) | 393328.46 |
| 3819276.69 | 17.17839   | (20092608) |            |           |
| 393306.40  | 3819267.41 | 16.53605   | (19120508) | 393284.35 |
| 3819258.14 | 16.35592   | (16010508) |            |           |
| 393262.29  | 3819248.86 | 17.97409   | (16121408) | 393240.24 |
| 3819239.59 | 21.33396   | (16121408) |            |           |
| 393218.18  | 3819230.31 | 24.01878   | (16121408) | 393196.12 |
| 3819221.04 | 25.65960   | (16121408) |            |           |
| 393174.07  | 3819211.76 | 26.02536   | (16121408) | 393152.01 |
| 3819202.49 | 25.07202   | (16121408) |            |           |
| 393129.96  | 3819193.21 | 22.95216   | (16121408) | 393107.90 |
| 3819183.94 | 19.97365   | (16121408) |            |           |
| 393085.84  | 3819174.66 | 17.84638c  | (20073108) | 393063.79 |
| 3819165.39 | 18.42404c  | (20073108) |            |           |
| 393041.73  | 3819156.11 | 18.72409c  | (20073108) | 393019.68 |
| 3819146.84 | 18.67290c  | (20073108) |            |           |
| 392997.62  | 3819137.56 | 18.18259c  | (20073108) | 392975.56 |
| 3819128.29 | 17.19080c  | (20073108) |            |           |
| 392953.51  | 3819119.01 | 15.87868   | (20111108) | 392931.45 |
| 3819109.74 | 15.33215   | (18011724) |            |           |
| 392909.40  | 3819100.47 | 17.81818   | (18011724) | 392887.34 |
| 3819091.19 | 19.83558   | (18011724) |            |           |
| 392865.28  | 3819081.92 | 21.19298   | (18011724) | 392843.23 |
| 3819072.64 | 21.77738   | (18011724) |            |           |
| 392821.17  | 3819063.37 | 21.56263   | (18011724) | 392799.12 |
| 3819054.09 | 20.60544   | (18011724) |            |           |
| 392777.06  | 3819044.82 | 19.02664   | (18011724) | 392755.00 |
| 3819035.54 | 16.98801   | (18011724) |            |           |
| 392732.95  | 3819026.27 | 14.67099   | (18011724) | 392710.89 |
| 3819016.99 | 12.96100   | (19082108) |            |           |
| 392688.84  | 3819007.72 | 13.65857   | (19062708) | 392666.78 |
| 3818998.44 | 14.57916   | (19062708) |            |           |
| 392644.72  | 3818989.17 | 14.82616   | (19062708) | 392622.67 |
| 3818979.89 | 14.37328   | (19062708) |            |           |
| 392600.61  | 3818970.62 | 13.29081   | (19062708) | 392578.56 |
| 3818961.34 | 12.60454c  | (19090108) |            |           |
| 392556.50  | 3818952.07 | 13.43201   | (20010724) | 392534.44 |
| 3818942.79 | 13.83219   | (20010724) |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 392512.39                                                                | 3818933.52 | 14.99408   | (19120508) | 392490.33 |
| 3818924.24                                                               | 15.76272   | (19120508) |            |           |
| 392468.28                                                                | 3818914.97 | 15.95279   | (19120508) | 392446.22 |
| 3818905.70                                                               | 15.54895   | (19120508) |            |           |
| 392424.16                                                                | 3818896.42 | 14.60565   | (19120508) | 392402.11 |
| 3818887.15                                                               | 13.78781   | (17010724) |            |           |
| 392380.05                                                                | 3818877.87 | 14.90471   | (17010724) | 392358.00 |
| 3818868.60                                                               | 15.43888   | (17010724) |            |           |
| 392335.94                                                                | 3818859.32 | 15.37949   | (18032908) | 392313.88 |
| 3818850.05                                                               | 15.75856   | (18032908) |            |           |
| 392291.83                                                                | 3818840.77 | 16.85054   | (18111108) | 392260.37 |
| 3818809.50                                                               | 18.26499   | (18111108) |            |           |
| 392250.96                                                                | 3818787.50 | 18.23547   | (18111108) | 392241.56 |
| 3818765.50                                                               | 17.66401   | (18111108) |            |           |
| 392232.15                                                                | 3818743.50 | 16.60030   | (18111108) | 392222.74 |
| 3818721.50                                                               | 15.12906   | (18111108) |            |           |
| 392213.34                                                                | 3818699.49 | 13.35994   | (18111108) | 392203.93 |
| 3818677.49                                                               | 13.82563   | (19111224) |            |           |
| 392194.53                                                                | 3818655.49 | 13.79124   | (19111224) | 392185.12 |
| 3818633.49                                                               | 13.13053   | (19111224) |            |           |
| 392175.72                                                                | 3818611.49 | 11.92670   | (19111224) | 392166.31 |
| 3818589.49                                                               | 13.82282   | (20022908) |            |           |
| 392156.90                                                                | 3818567.49 | 17.27896   | (20022908) | 392147.50 |
| 3818545.49                                                               | 20.66979   | (20022908) |            |           |
| 392138.09                                                                | 3818523.49 | 23.65810   | (20022908) | 392128.69 |
| 3818501.49                                                               | 25.90015   | (20022908) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                    | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                          | ***        | 17:54:19   |            |           |

PAGE 844

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392119.28   | 3818479.49  | 27.11386   | (20022908) | 392109.88   |
| 3818457.49  | 27.13303    | (20022908) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3818413.49 | 392100.47 | 3818435.49 | 25.94576 | (20022908) | 392091.06 |
|            |           | 23.69883   |          | (20022908) |           |
| 3818369.49 | 392081.66 | 3818391.49 | 20.66795 | (20022908) | 392072.25 |
|            |           | 17.20000   |          | (20022908) |           |
| 3818325.49 | 392062.85 | 3818347.49 | 15.61655 | (19112108) | 392053.44 |
|            |           | 16.95179   |          | (19020208) |           |
| 3818281.49 | 392044.04 | 3818303.49 | 18.14620 | (19020208) | 392034.63 |
|            |           | 18.68291   |          | (19020208) |           |
| 3818237.49 | 392025.23 | 3818259.49 | 18.46401 | (19020208) | 392015.82 |
|            |           | 17.49220   |          | (19020208) |           |
| 3818193.48 | 392006.41 | 3818215.48 | 15.49284 | (19020208) | 391997.01 |
|            |           | 14.06561   |          | (18022808) |           |
| 3818149.48 | 391987.60 | 3818171.48 | 12.79498 | (18022808) | 391978.20 |
|            |           | 12.66739   |          | (19022324) |           |
| 3818105.48 | 391968.79 | 3818127.48 | 12.81497 | (19122824) | 391959.39 |
|            |           | 12.62023   |          | (19122824) |           |
| 3818061.48 | 391949.98 | 3818083.48 | 12.03260 | (19122824) | 391940.57 |
|            |           | 11.96033   |          | (18120624) |           |
| 3818017.48 | 391931.17 | 3818039.48 | 11.55662 | (18120624) | 391921.76 |
|            |           | 10.62355   |          | (20120624) |           |
| 3817973.48 | 391912.36 | 3817995.48 | 10.36647 | (20120624) | 391902.95 |
|            |           | 9.85751    |          | (20120624) |           |
| 3817929.48 | 391893.55 | 3817951.48 | 12.10998 | (16102924) | 391884.14 |
|            |           | 14.27729   |          | (16102924) |           |
| 3817885.48 | 391874.73 | 3817907.48 | 15.86500 | (16102924) | 391865.33 |
|            |           | 17.12601   |          | (16102924) |           |
| 3817841.48 | 391855.92 | 3817863.48 | 17.64509 | (16102924) | 391846.52 |
|            |           | 17.10775   |          | (16102924) |           |
| 3817797.48 | 391837.11 | 3817819.48 | 15.24327 | (16102924) | 391827.71 |
|            |           | 12.71049   |          | (16102924) |           |
| 3817753.48 | 391818.30 | 3817775.48 | 10.73612 | (18111708) | 391808.89 |
|            |           | 9.52070    |          | (18111708) |           |
| 3817709.47 | 391799.49 | 3817731.47 | 9.34238  | (17031024) | 391790.08 |
|            |           | 8.92808    |          | (17031024) |           |
| 3817665.47 | 391780.68 | 3817687.47 | 9.09864  | (18121624) | 391771.27 |
|            |           | 9.33935    |          | (18121624) |           |
| 3817621.47 | 391761.87 | 3817643.47 | 9.61388  | (16122224) | 391752.46 |
|            |           | 9.79858    |          | (16122224) |           |
| 3817577.47 | 391743.05 | 3817599.47 | 8.93977  | (16122224) | 391733.65 |
|            |           | 7.90911    |          | (16012724) |           |
| 3817533.47 | 391724.24 | 3817555.47 | 6.86896  | (16012724) | 391714.84 |
|            |           | 6.83364    |          | (19120508) |           |
| 3817489.47 | 391705.43 | 3817511.47 | 6.58937  | (19120508) | 391696.03 |
|            |           | 6.03023    |          | (19120508) |           |
| 3817445.47 | 391686.62 | 3817467.47 | 5.27035  | (19120508) | 391677.21 |
|            |           | 4.30945    |          | (19120508) |           |
| 3817401.47 | 391667.81 | 3817423.47 | 3.45936  | (19120508) | 391658.40 |
|            |           | 3.02460    |          | (18031108) |           |
| 3817357.47 | 391649.00 | 3817379.47 | 3.28752  | (18031108) | 391639.59 |
|            |           | 3.67140    |          | (18031108) |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391630.19  | 3817335.47         | 3.60106 | (18031108) | 391620.78 |
| 3817313.47 | 3.26237 (18031108) |         |            |           |
| 391611.38  | 3817291.47         | 2.96395 | (19031408) | 391601.97 |
| 3817269.47 | 2.99383 (19031408) |         |            |           |
| 391592.56  | 3817247.46         | 2.97657 | (19031408) | 391583.16 |
| 3817225.46 | 2.94720 (19031408) |         |            |           |
| 391573.75  | 3817203.46         | 2.90252 | (19031408) | 391564.35 |
| 3817181.46 | 2.84980 (19031408) |         |            |           |
| 391554.94  | 3817159.46         | 2.78922 | (19031408) | 391545.54 |
| 3817137.46 | 2.72270 (19031408) |         |            |           |
| 391536.13  | 3817115.46         | 2.61148 | (19031408) | 391526.72 |
| 3817093.46 | 2.50309 (19031408) |         |            |           |
| 391517.32  | 3817071.46         | 2.43793 | (19031408) | 391507.91 |
| 3817049.46 | 2.47879 (19031408) |         |            |           |
| 391498.51  | 3817027.46         | 2.75452 | (19101108) | 391489.10 |
| 3817005.46 | 3.16427 (19100424) |         |            |           |
| 391479.70  | 3816983.46         | 3.70817 | (19100424) | 391470.29 |
| 3816961.46 | 4.00889 (19100424) |         |            |           |
| 391460.88  | 3816939.46         | 4.07306 | (19100424) | 391451.48 |
| 3816917.46 | 3.88218 (19100424) |         |            |           |
| 391442.07  | 3816895.46         | 3.48111 | (19100424) | 391432.67 |
| 3816873.46 | 3.04784 (19100424) |         |            |           |
| 391423.26  | 3816851.46         | 2.73254 | (17100908) | 391413.86 |
| 3816829.46 | 2.85418 (17100908) |         |            |           |
| 391404.45  | 3816807.46         | 3.01731 | (17100908) | 391395.04 |
| 3816785.46 | 3.17246 (17100908) |         |            |           |
| 391385.64  | 3816763.45         | 3.28748 | (17100908) | 391376.23 |
| 3816741.45 | 3.34399 (17100908) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 845

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391366.83  | 3816719.45          | 3.37201  | (17100908) | 391357.42 |
| 3816697.45 | 3.42515 (17100908)  |          |            |           |
| 391348.02  | 3816675.45          | 3.47865  | (17100908) | 391338.61 |
| 3816653.45 | 3.52320 (18111708)  |          |            |           |
| 391329.20  | 3816631.45          | 3.23125  | (19031408) | 391319.80 |
| 3816609.45 | 3.08853 (19031408)  |          |            |           |
| 391310.39  | 3816587.45          | 2.96268  | (19031408) | 391300.99 |
| 3816565.45 | 2.87380 (19031408)  |          |            |           |
| 391291.58  | 3816543.45          | 2.73210  | (19031408) | 394585.65 |
| 3819805.35 | 25.93752 (16092808) |          |            |           |
| 394609.58  | 3819805.67          | 26.28239 | (16092808) | 394633.51 |
| 3819806.00 | 25.44104 (16092808) |          |            |           |
| 394657.44  | 3819806.33          | 23.50726 | (16092808) | 394681.37 |
| 3819806.66 | 20.72140 (16092808) |          |            |           |
| 394705.31  | 3819806.98          | 17.53170 | (19010308) | 394729.24 |
| 3819807.31 | 18.21995 (19010308) |          |            |           |
| 394753.17  | 3819807.64          | 18.02793 | (19010308) | 394777.10 |
| 3819807.97 | 16.98183 (19010308) |          |            |           |
| 394801.03  | 3819808.30          | 15.69030 | (18022608) | 394824.96 |
| 3819808.62 | 16.07390 (19102024) |          |            |           |
| 394848.89  | 3819808.95          | 17.67296 | (19102024) | 394872.82 |
| 3819809.28 | 18.49679 (19102024) |          |            |           |
| 394896.75  | 3819809.61          | 18.42332 | (19102024) | 394920.69 |
| 3819809.93 | 17.46411 (19102024) |          |            |           |
| 394944.62  | 3819810.26          | 16.11887 | (18020224) | 394968.55 |
| 3819810.59 | 15.60302 (18020224) |          |            |           |
| 394992.48  | 3819810.92          | 14.31844 | (18020224) | 395016.41 |
| 3819811.25 | 13.48049 (20022708) |          |            |           |
| 394556.81  | 3820296.05          | 22.20507 | (16092808) | 394534.81 |
| 3820286.80 | 21.68115 (16092808) |          |            |           |
| 394512.81  | 3820277.55          | 20.50705 | (16092808) | 394490.82 |
| 3820268.30 | 18.80165 (16092808) |          |            |           |
| 394468.82  | 3820259.05          | 16.72432 | (16092808) | 394446.83 |
| 3820249.80 | 14.45590 (16092808) |          |            |           |
| 394424.83  | 3820240.55          | 14.03386 | (19120224) | 394402.83 |
| 3820231.30 | 13.99594 (19120224) |          |            |           |
| 394380.84  | 3820222.05          | 14.78842 | (19092024) | 394358.84 |
| 3820212.80 | 16.20560 (19092024) |          |            |           |
| 394336.85  | 3820203.55          | 17.12249 | (19092024) | 394314.85 |
| 3820194.30 | 17.43872 (19092024) |          |            |           |
| 394292.85  | 3820185.05          | 17.11406 | (19092024) | 394270.86 |
| 3820175.80 | 16.17874 (19092024) |          |            |           |
| 394248.86  | 3820166.56          | 15.10160 | (16082908) | 394226.86 |
| 3820157.31 | 15.20996 (16082908) |          |            |           |
| 394204.87  | 3820148.06          | 14.80153 | (16082908) | 394182.87 |
| 3820138.81 | 14.42991 (16102908) |          |            |           |
| 394160.88  | 3820129.56          | 15.55588 | (16102908) | 394138.88 |
| 3820120.31 | 16.14433 (16102908) |          |            |           |
| 394116.88  | 3820111.06          | 16.12453 | (16102908) | 394094.89 |
| 3820101.81 | 15.49519 (16102908) |          |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394072.89  | 3820092.56          | 14.32258 | (16102908) | 394050.90 |
| 3820083.31 | 12.82742 (17021124) |          |            |           |
| 394028.90  | 3820074.06          | 13.11996 | (17021124) | 394006.90 |
| 3820064.81 | 12.93154 (17021124) |          |            |           |
| 393984.91  | 3820055.56          | 12.65174 | (19112124) | 393962.91 |
| 3820046.31 | 13.29807 (19112124) |          |            |           |
| 393940.92  | 3820037.06          | 13.68145 | (20032208) | 393918.92 |
| 3820027.81 | 15.75975 (20032208) |          |            |           |
| 393896.92  | 3820018.56          | 17.71257 | (20032208) | 393874.93 |
| 3820009.31 | 19.39841 (20032208) |          |            |           |
| 393852.93  | 3820000.06          | 20.68830 | (20032208) | 393830.93 |
| 3819990.81 | 21.47839 (20032208) |          |            |           |
| 393808.94  | 3819981.56          | 21.70410 | (20032208) | 393786.94 |
| 3819972.31 | 21.34488 (20032208) |          |            |           |
| 393764.95  | 3819963.06          | 20.42467 | (20032208) | 393742.95 |
| 3819953.81 | 19.70381 (19122408) |          |            |           |
| 393720.95  | 3819944.57          | 18.45449 | (19122408) | 393698.96 |
| 3819935.32 | 17.02994 (16022308) |          |            |           |
| 393676.96  | 3819926.07          | 17.55478 | (16022308) | 393654.97 |
| 3819916.82 | 17.56332 (16022308) |          |            |           |
| 393632.97  | 3819907.57          | 17.04273 | (16022308) | 393610.97 |
| 3819898.32 | 16.02403 (16022308) |          |            |           |
| 393588.98  | 3819889.07          | 14.58269 | (16022308) | 393566.98 |
| 3819879.82 | 15.41879 (20032008) |          |            |           |
| 393544.98  | 3819870.57          | 16.02294 | (20032008) | 393522.99 |
| 3819861.32 | 16.34322 (20032008) |          |            |           |
| 393500.99  | 3819852.07          | 16.42419 | (20032008) | 393479.00 |
| 3819842.82 | 16.31757 (20032008) |          |            |           |
| 393457.00  | 3819833.57          | 16.06763 | (20032008) | 393435.00 |
| 3819824.32 | 15.69330 (20032008) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 846

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| -----      |           |            |           |            |           |
|            | 393413.01 | 3819815.07 | 15.18682  | (20032008) | 393391.01 |
| 3819805.82 | 14.52354  | (20032008) |           |            |           |
|            | 393369.02 | 3819796.57 | 13.84201  | (18020308) | 393347.02 |
| 3819787.32 | 14.00407  | (20022708) |           |            |           |
|            | 393325.02 | 3819778.07 | 14.54717  | (20022708) | 393303.03 |
| 3819768.82 | 14.44036  | (20022708) |           |            |           |
|            | 393281.03 | 3819759.57 | 13.69855  | (20022708) | 393259.04 |
| 3819750.32 | 12.61794  | (18032008) |           |            |           |
|            | 393237.04 | 3819741.07 | 13.58161  | (20011808) | 393215.04 |
| 3819731.83 | 14.37882  | (20011808) |           |            |           |
|            | 393193.05 | 3819722.58 | 14.55092  | (20011808) | 393171.05 |
| 3819713.33 | 14.44929  | (20092608) |           |            |           |
|            | 393149.05 | 3819704.08 | 14.91311  | (20092608) | 393127.06 |
| 3819694.83 | 14.89427  | (20092608) |           |            |           |
|            | 393105.06 | 3819685.58 | 14.39553  | (20092608) | 393083.07 |
| 3819676.33 | 14.07968  | (19120508) |           |            |           |
|            | 393061.07 | 3819667.08 | 13.90404  | (19120508) | 393039.07 |
| 3819657.83 | 14.40956  | (17031324) |           |            |           |
|            | 393017.08 | 3819648.58 | 16.70917  | (16121408) | 392995.08 |
| 3819639.33 | 19.05658  | (16121408) |           |            |           |
|            | 392973.09 | 3819630.08 | 20.85583  | (16121408) | 392951.09 |
| 3819620.83 | 21.91201  | (16121408) |           |            |           |
|            | 392929.09 | 3819611.58 | 22.10743  | (16121408) | 392907.10 |
| 3819602.33 | 21.42612  | (16121408) |           |            |           |
|            | 392885.10 | 3819593.08 | 19.95342  | (16121408) | 392863.11 |
| 3819583.83 | 17.86097  | (16121408) |           |            |           |
|            | 392841.11 | 3819574.58 | 15.37029  | (16121408) | 392819.11 |
| 3819565.33 | 15.19737c | (20073108) |           |            |           |
|            | 392797.12 | 3819556.08 | 15.57391c | (20073108) | 392775.12 |
| 3819546.83 | 15.77126c | (20073108) |           |            |           |
|            | 392753.12 | 3819537.58 | 15.74026c | (20073108) | 392731.13 |
| 3819528.33 | 15.42489c | (20073108) |           |            |           |
|            | 392709.13 | 3819519.08 | 14.78135c | (20073108) | 392687.14 |
| 3819509.84 | 13.84924  | (20111108) |           |            |           |
|            | 392665.14 | 3819500.59 | 12.95071  | (20111108) | 392643.14 |
| 3819491.34 | 13.71490  | (18011724) |           |            |           |
|            | 392621.15 | 3819482.09 | 15.49727  | (18011724) | 392599.15 |
| 3819472.84 | 16.93810  | (18011724) |           |            |           |
|            | 392577.16 | 3819463.59 | 17.93227  | (18011724) | 392555.16 |
| 3819454.34 | 18.41686  | (18011724) |           |            |           |
|            | 392533.16 | 3819445.09 | 18.37344  | (18011724) | 392511.17 |
| 3819435.84 | 17.82755  | (18011724) |           |            |           |
|            | 392489.17 | 3819426.59 | 16.83956  | (18011724) | 392467.17 |
| 3819417.34 | 15.49542  | (18011724) |           |            |           |
|            | 392445.18 | 3819408.09 | 13.89558  | (18011724) | 392423.18 |
| 3819398.84 | 12.14289  | (18011724) |           |            |           |
|            | 392401.19 | 3819389.59 | 10.93882  | (19082108) | 392379.19 |
| 3819380.34 | 11.40334  | (19062708) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392357.19  | 3819371.09 | 12.21819   | (19062708) | 392335.20 |
| 3819361.84 | 12.60276   | (19062708) |            |           |
| 392313.20  | 3819352.59 | 12.51945   | (19062708) | 392291.21 |
| 3819343.34 | 11.98216   | (19062708) |            |           |
| 392269.21  | 3819334.09 | 11.05266   | (19062708) | 392247.21 |
| 3819324.84 | 10.65870c  | (19090108) |            |           |
| 392225.22  | 3819315.59 | 11.36781   | (20010724) | 392203.22 |
| 3819306.34 | 11.73603   | (20010724) |            |           |
| 392181.23  | 3819297.09 | 12.30722   | (19120508) | 392159.23 |
| 3819287.85 | 13.04622   | (19120508) |            |           |
| 392137.23  | 3819278.60 | 13.42328   | (19120508) | 392115.24 |
| 3819269.35 | 13.40656   | (19120508) |            |           |
| 392093.24  | 3819260.10 | 13.00180   | (19120508) | 392071.24 |
| 3819250.85 | 12.25052   | (19120508) |            |           |
| 392049.25  | 3819241.60 | 11.58402   | (17010724) | 392027.25 |
| 3819232.35 | 12.49810   | (17010724) |            |           |
| 392005.26  | 3819223.10 | 13.04009   | (17010724) | 391983.26 |
| 3819213.85 | 13.15884   | (17010724) |            |           |
| 391961.26  | 3819204.60 | 12.99535   | (18032908) | 391939.27 |
| 3819195.35 | 13.41711   | (18111108) |            |           |
| 391907.89  | 3819164.16 | 15.09043   | (18111108) | 391898.51 |
| 3819142.22 | 15.48540   | (18111108) |            |           |
| 391889.13  | 3819120.28 | 15.51570   | (18111108) | 391879.75 |
| 3819098.34 | 15.18385   | (18111108) |            |           |
| 391870.37  | 3819076.40 | 14.51403   | (18111108) | 391860.99 |
| 3819054.46 | 13.54905   | (18111108) |            |           |
| 391851.61  | 3819032.51 | 12.34604   | (18111108) | 391842.23 |
| 3819010.57 | 11.43205   | (19111224) |            |           |
| 391832.85  | 3818988.63 | 11.83220   | (19111224) | 391823.47 |
| 3818966.69 | 11.80883   | (19111224) |            |           |
| 391814.09  | 3818944.75 | 11.36060   | (19111224) | 391804.71 |
| 3818922.81 | 10.53171   | (19111224) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 847

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | Y-COORD (M)<br>(YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|---------------------------|----------|------------|-------------|
| -----                      |                     |                           |          |            |             |
| 391795.33                  | 3818900.87          |                           | 10.66011 | (19112124) | 391785.95   |
| 3818878.93                 | 12.89996            | (20022908)                |          |            |             |
| 391776.57                  | 3818856.99          |                           | 15.53172 | (20022908) | 391767.19   |
| 3818835.05                 | 18.06347            | (20022908)                |          |            |             |
| 391757.81                  | 3818813.11          |                           | 20.28893 | (20022908) | 391748.43   |
| 3818791.17                 | 22.00457            | (20022908)                |          |            |             |
| 391739.05                  | 3818769.23          |                           | 23.03964 | (20022908) | 391729.67   |
| 3818747.29                 | 23.28375            | (20022908)                |          |            |             |
| 391720.29                  | 3818725.34          |                           | 22.70574 | (20022908) | 391710.91   |
| 3818703.40                 | 21.34155            | (20022908)                |          |            |             |
| 391701.53                  | 3818681.46          |                           | 19.24681 | (20022908) | 391692.15   |
| 3818659.52                 | 16.73259            | (20022908)                |          |            |             |
| 391682.77                  | 3818637.58          |                           | 13.91026 | (20022908) | 391673.39   |
| 3818615.64                 | 12.82667            | (16103008)                |          |            |             |
| 391664.01                  | 3818593.70          |                           | 13.64700 | (19020208) | 391654.63   |
| 3818571.76                 | 14.48632            | (19020208)                |          |            |             |
| 391645.25                  | 3818549.82          |                           | 14.93347 | (19020208) | 391635.87   |
| 3818527.88                 | 14.74145            | (19020208)                |          |            |             |
| 391626.49                  | 3818505.94          |                           | 14.16006 | (19020208) | 391617.11   |
| 3818484.00                 | 13.03732            | (19020208)                |          |            |             |
| 391607.73                  | 3818462.06          |                           | 11.55650 | (19020208) | 391598.35   |
| 3818440.11                 | 10.43609            | (18022808)                |          |            |             |
| 391588.97                  | 3818418.17          |                           | 9.58565  | (18022808) | 391579.59   |
| 3818396.23                 | 9.17632             | (19022324)                |          |            |             |
| 391570.21                  | 3818374.29          |                           | 8.98923  | (19122824) | 391560.83   |
| 3818352.35                 | 9.14686             | (19122824)                |          |            |             |
| 391551.45                  | 3818330.41          |                           | 9.06341  | (19122824) | 391542.07   |
| 3818308.47                 | 8.86649             | (19122824)                |          |            |             |
| 391532.69                  | 3818286.53          |                           | 9.55753  | (18120624) | 391523.31   |
| 3818264.59                 | 9.61179             | (18120624)                |          |            |             |
| 391513.93                  | 3818242.65          |                           | 8.87890  | (18120624) | 391504.54   |
| 3818220.71                 | 8.44998             | (20120624)                |          |            |             |
| 391495.16                  | 3818198.77          |                           | 7.46743  | (20120624) | 391485.78   |
| 3818176.83                 | 7.25218             | (16102924)                |          |            |             |
| 391476.40                  | 3818154.88          |                           | 8.28336  | (16102924) | 391467.02   |
| 3818132.94                 | 9.97511             | (16102924)                |          |            |             |
| 391457.64                  | 3818111.00          |                           | 11.09917 | (16102924) | 391448.26   |
| 3818089.06                 | 11.75546            | (16102924)                |          |            |             |
| 391438.88                  | 3818067.12          |                           | 12.51937 | (16102924) | 391429.50   |
| 3818045.18                 | 12.22158            | (16102924)                |          |            |             |
| 391420.12                  | 3818023.24          |                           | 10.93314 | (16102924) | 391410.74   |
| 3818001.30                 | 9.06885             | (16102924)                |          |            |             |
| 391401.36                  | 3817979.36          |                           | 7.87941  | (18111708) | 391391.98   |
| 3817957.42                 | 7.40006             | (18111708)                |          |            |             |
| 391382.60                  | 3817935.48          |                           | 6.73476  | (17031024) | 391373.22   |
| 3817913.54                 | 6.31457             | (17031024)                |          |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391363.84  | 3817891.60         | 5.67736 | (17031024) | 391354.46 |
| 3817869.65 | 5.31852 (18121624) |         |            |           |
| 391345.08  | 3817847.71         | 5.76599 | (18121624) | 391335.70 |
| 3817825.77 | 5.77009 (20030908) |         |            |           |
| 391326.32  | 3817803.83         | 5.56091 | (20030908) | 391316.94 |
| 3817781.89 | 5.05104 (20030908) |         |            |           |
| 391307.56  | 3817759.95         | 4.70826 | (16120808) | 391298.18 |
| 3817738.01 | 4.66085 (16120808) |         |            |           |
| 391288.80  | 3817716.07         | 4.56841 | (19120508) | 391279.42 |
| 3817694.13 | 4.79444 (19120508) |         |            |           |
| 391270.04  | 3817672.19         | 4.77902 | (19120508) | 391260.66 |
| 3817650.25 | 4.61647 (19120508) |         |            |           |
| 391251.28  | 3817628.31         | 4.30808 | (19120508) | 391241.90 |
| 3817606.37 | 3.89403 (19120508) |         |            |           |
| 391232.52  | 3817584.43         | 3.37732 | (19120508) | 391223.14 |
| 3817562.48 | 2.84884 (19120508) |         |            |           |
| 391213.76  | 3817540.54         | 2.53213 | (18031108) | 391204.38 |
| 3817518.60 | 2.75384 (18031108) |         |            |           |
| 391195.00  | 3817496.66         | 2.92840 | (18031108) | 391185.62 |
| 3817474.72 | 3.04232 (18031108) |         |            |           |
| 391176.24  | 3817452.78         | 3.12058 | (18031108) | 391166.86 |
| 3817430.84 | 2.98454 (18031108) |         |            |           |
| 391157.48  | 3817408.90         | 2.65443 | (18031108) | 391148.10 |
| 3817386.96 | 2.44578 (19031408) |         |            |           |
| 391138.72  | 3817365.02         | 2.36034 | (19031408) | 391129.34 |
| 3817343.08 | 2.27919 (19031408) |         |            |           |
| 391119.96  | 3817321.14         | 2.20088 | (19031408) | 391110.58 |
| 3817299.20 | 2.11747 (19031408) |         |            |           |
| 391101.20  | 3817277.25         | 2.04519 | (19031408) | 391091.82 |
| 3817255.31 | 1.95132 (19031408) |         |            |           |
| 391082.44  | 3817233.37         | 1.85514 | (19031408) | 391073.06 |
| 3817211.43 | 1.76898 (19031408) |         |            |           |
| 391063.68  | 3817189.49         | 1.67572 | (19031408) | 391054.30 |
| 3817167.55 | 1.58945 (19031408) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 848

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 391044.92   | 3817145.61          | 1.57889    | (19101108) | 391035.54   |
| 3817123.67  | 1.62196 (19101108)  |            |            |             |
| 391026.16   | 3817101.73          | 1.65013    | (19101108) | 391016.78   |
| 3817079.79  | 1.66012 (19101108)  |            |            |             |
| 391007.40   | 3817057.85          | 1.66736    | (19101108) | 390998.02   |
| 3817035.91  | 1.64992 (19101108)  |            |            |             |
| 390988.64   | 3817013.97          | 1.60711    | (19101108) | 390979.26   |
| 3816992.02  | 1.54456 (19101108)  |            |            |             |
| 390969.88   | 3816970.08          | 1.47533    | (19101108) | 390960.50   |
| 3816948.14  | 1.52317 (17100908)  |            |            |             |
| 390951.12   | 3816926.20          | 1.61669    | (17100908) | 390941.74   |
| 3816904.26  | 1.71302 (17100908)  |            |            |             |
| 390932.36   | 3816882.32          | 1.80787    | (17100908) | 390922.97   |
| 3816860.38  | 1.88627 (17100908)  |            |            |             |
| 390913.59   | 3816838.44          | 1.92867    | (17100908) | 390904.21   |
| 3816816.50  | 1.96858 (17100908)  |            |            |             |
| 390894.83   | 3816794.56          | 2.00436    | (17100908) | 390885.45   |
| 3816772.62  | 2.02820 (17100908)  |            |            |             |
| 390876.07   | 3816750.68          | 2.02564    | (17100908) | 390866.69   |
| 3816728.74  | 2.02113 (17100908)  |            |            |             |
| 390857.31   | 3816706.80          | 2.01253    | (17100908) | 390847.93   |
| 3816684.85  | 2.00662 (17100908)  |            |            |             |
| 390838.55   | 3816662.91          | 1.95258    | (17100908) | 390829.17   |
| 3816640.97  | 1.88613 (17100908)  |            |            |             |
| 390819.79   | 3816619.03          | 1.80557    | (17100908) | 390810.41   |
| 3816597.09  | 1.71566 (17100908)  |            |            |             |
| 390801.03   | 3816575.15          | 1.62157    | (17100908) | 390791.65   |
| 3816553.21  | 1.52496 (17100908)  |            |            |             |
| 394578.80   | 3820305.30          | 22.02279   | (16092808) | 394602.73   |
| 3820305.63  | 21.14390 (16092808) |            |            |             |
| 394626.66   | 3820305.95          | 19.57380   | (16092808) | 394650.60   |
| 3820306.28  | 17.46451 (16092808) |            |            |             |
| 394674.53   | 3820306.61          | 15.01582   | (16092808) | 394698.46   |
| 3820306.94  | 15.23195 (19010308) |            |            |             |
| 394722.39   | 3820307.27          | 15.32920   | (19010308) | 394746.32   |
| 3820307.59  | 14.84716 (19010308) |            |            |             |
| 394770.25   | 3820307.92          | 13.83866   | (19010308) | 394794.18   |
| 3820308.25  | 13.14649 (18022608) |            |            |             |
| 394818.11   | 3820308.58          | 13.62572   | (19102024) | 394842.04   |
| 3820308.90  | 14.83982 (19102024) |            |            |             |
| 394865.98   | 3820309.23          | 15.55061   | (19102024) | 394889.91   |
| 3820309.56  | 15.67503 (19102024) |            |            |             |
| 394913.84   | 3820309.89          | 15.19898   | (19102024) | 394937.77   |
| 3820310.22  | 14.17949 (19102024) |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394961.70  | 3820310.54 | 13.61750   | (18020224) | 394985.63 |
| 3820310.87 | 13.08321   | (18020224) |            |           |
| 395009.56  | 3820311.20 | 12.05616   | (18020224) | 394538.56 |
| 3821629.26 | 13.47262   | (16092808) |            |           |
| 394516.58  | 3821620.02 | 14.34934   | (16092808) | 394494.59 |
| 3821610.77 | 14.99330   | (16092808) |            |           |
| 394472.61  | 3821601.53 | 15.36807   | (16092808) | 394450.63 |
| 3821592.29 | 15.45310   | (16092808) |            |           |
| 394428.64  | 3821583.04 | 15.24434   | (16092808) | 394406.66 |
| 3821573.80 | 14.75565   | (16092808) |            |           |
| 394384.68  | 3821564.55 | 14.01700   | (16092808) | 394362.69 |
| 3821555.31 | 13.07141   | (16092808) |            |           |
| 394340.71  | 3821546.07 | 11.97254   | (16092808) | 394318.73 |
| 3821536.82 | 10.77730   | (16092808) |            |           |
| 394296.74  | 3821527.58 | 9.54924    | (19120224) | 394274.76 |
| 3821518.33 | 9.81526    | (19120224) |            |           |
| 394252.78  | 3821509.09 | 9.86637    | (19120224) | 394230.79 |
| 3821499.84 | 9.69476    | (19120224) |            |           |
| 394208.81  | 3821490.60 | 10.35520   | (19092024) | 394186.83 |
| 3821481.36 | 11.12574   | (19092024) |            |           |
| 394164.84  | 3821472.11 | 11.69848   | (19092024) | 394142.86 |
| 3821462.87 | 12.03598   | (19092024) |            |           |
| 394120.88  | 3821453.62 | 12.11540   | (19092024) | 394098.89 |
| 3821444.38 | 11.92962   | (19092024) |            |           |
| 394076.91  | 3821435.14 | 11.48912   | (19092024) | 394054.93 |
| 3821425.89 | 10.82040   | (19092024) |            |           |
| 394032.94  | 3821416.65 | 10.49075   | (16082908) | 394010.96 |
| 3821407.40 | 10.55732   | (16082908) |            |           |
| 393988.98  | 3821398.16 | 10.40783   | (16082908) | 393966.99 |
| 3821388.91 | 10.04442   | (16082908) |            |           |
| 393945.01  | 3821379.67 | 10.07532   | (16102908) | 393923.03 |
| 3821370.43 | 10.68923   | (16102908) |            |           |
| 393901.04  | 3821361.18 | 11.08754   | (16102908) | 393879.06 |
| 3821351.94 | 11.24211   | (16102908) |            |           |
| 393857.08  | 3821342.69 | 11.14145   | (16102908) | 393835.09 |
| 3821333.45 | 10.79006   | (16102908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 849

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 393813.11   | 3821324.21          | 10.21290   | (16102908) | 393791.13   |
| 3821314.96  | 9.44565 (16102908)  |            |            |             |
| 393769.14   | 3821305.72          | 8.93490    | (17021124) | 393747.16   |
| 3821296.47  | 9.08850 (17021124)  |            |            |             |
| 393725.18   | 3821287.23          | 9.04151    | (17021124) | 393703.19   |
| 3821277.98  | 8.80212 (17021124)  |            |            |             |
| 393681.21   | 3821268.74          | 8.79937    | (19112124) | 393659.23   |
| 3821259.50  | 9.12215 (19112124)  |            |            |             |
| 393637.24   | 3821250.25          | 9.31586    | (19112124) | 393615.26   |
| 3821241.01  | 9.81459 (20032208)  |            |            |             |
| 393593.28   | 3821231.76          | 10.91219   | (20032208) | 393571.29   |
| 3821222.52  | 11.95691 (20032208) |            |            |             |
| 393549.31   | 3821213.28          | 12.90222   | (20032208) | 393527.33   |
| 3821204.03  | 13.70720 (20032208) |            |            |             |
| 393505.35   | 3821194.79          | 14.33497   | (20032208) | 393483.36   |
| 3821185.54  | 14.75712 (20032208) |            |            |             |
| 393461.38   | 3821176.30          | 14.95396   | (20032208) | 393439.40   |
| 3821167.05  | 14.91677 (20032208) |            |            |             |
| 393417.41   | 3821157.81          | 14.64652   | (20032208) | 393395.43   |
| 3821148.57  | 14.15441 (20032208) |            |            |             |
| 393373.45   | 3821139.32          | 13.90372   | (19122408) | 393351.46   |
| 3821130.08  | 13.40164 (19122408) |            |            |             |
| 393329.48   | 3821120.83          | 12.66493   | (19122408) | 393307.50   |
| 3821111.59  | 11.72501 (19122408) |            |            |             |
| 393285.51   | 3821102.35          | 12.01621   | (16022308) | 393263.53   |
| 3821093.10  | 12.17091 (16022308) |            |            |             |
| 393241.55   | 3821083.86          | 12.11424   | (16022308) | 393219.56   |
| 3821074.61  | 11.84438 (16022308) |            |            |             |
| 393197.58   | 3821065.37          | 11.37005   | (16022308) | 393175.60   |
| 3821056.12  | 10.70995 (16022308) |            |            |             |
| 393153.61   | 3821046.88          | 10.00457   | (20032008) | 393131.63   |
| 3821037.64  | 10.47134 (20032008) |            |            |             |
| 393109.65   | 3821028.39          | 10.81352   | (20032008) | 393087.66   |
| 3821019.15  | 11.03354 (20032008) |            |            |             |
| 393065.68   | 3821009.90          | 11.14353   | (20032008) | 393043.70   |
| 3821000.66  | 11.16199 (20032008) |            |            |             |
| 393021.71   | 3820991.42          | 11.11026   | (20032008) | 392999.73   |
| 3820982.17  | 11.00484 (20032008) |            |            |             |
| 392977.75   | 3820972.93          | 10.85774   | (20032008) | 392955.76   |
| 3820963.68  | 10.67210 (20032008) |            |            |             |
| 392933.78   | 3820954.44          | 10.44333   | (20032008) | 392911.80   |
| 3820945.19  | 10.16091 (20032008) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392889.81  | 3820935.95 | 9.81254    | (20032008) | 392867.83 |
| 3820926.71 | 9.48564    | (18020308) |            |           |
| 392845.85  | 3820917.46 | 9.53770    | (20022708) | 392823.86 |
| 3820908.22 | 10.01961   | (20022708) |            |           |
| 392801.88  | 3820898.97 | 10.24423   | (20022708) | 392779.90 |
| 3820889.73 | 10.19402   | (20022708) |            |           |
| 392757.91  | 3820880.49 | 9.87317    | (20022708) | 392735.93 |
| 3820871.24 | 9.30745    | (20022708) |            |           |
| 392713.95  | 3820862.00 | 8.79237    | (18032008) | 392691.96 |
| 3820852.75 | 9.37809    | (20011808) |            |           |
| 392669.98  | 3820843.51 | 9.91324    | (20011808) | 392648.00 |
| 3820834.26 | 10.20037   | (20011808) |            |           |
| 392626.01  | 3820825.02 | 10.21712   | (20011808) | 392604.03 |
| 3820815.78 | 9.96276    | (20011808) |            |           |
| 392582.05  | 3820806.53 | 10.14781   | (20092608) | 392560.06 |
| 3820797.29 | 10.28173   | (20092608) |            |           |
| 392538.08  | 3820788.04 | 10.21368   | (20092608) | 392516.10 |
| 3820778.80 | 9.94883    | (20092608) |            |           |
| 392494.11  | 3820769.55 | 9.81567    | (19120508) | 392472.13 |
| 3820760.31 | 9.90492    | (19120508) |            |           |
| 392450.15  | 3820751.07 | 9.73323    | (19120508) | 392428.16 |
| 3820741.82 | 10.02448   | (17031324) |            |           |
| 392406.18  | 3820732.58 | 10.72473   | (16121408) | 392384.20 |
| 3820723.33 | 12.11270   | (16121408) |            |           |
| 392362.22  | 3820714.09 | 13.34710   | (16121408) | 392340.23 |
| 3820704.85 | 14.35229   | (16121408) |            |           |
| 392318.25  | 3820695.60 | 15.06253   | (16121408) | 392296.27 |
| 3820686.36 | 15.43082   | (16121408) |            |           |
| 392274.28  | 3820677.11 | 15.43356   | (16121408) | 392252.30 |
| 3820667.87 | 15.07275   | (16121408) |            |           |
| 392230.32  | 3820658.62 | 14.37567   | (16121408) | 392208.33 |
| 3820649.38 | 13.39134   | (16121408) |            |           |
| 392186.35  | 3820640.14 | 12.18581   | (16121408) | 392164.37 |
| 3820630.89 | 10.83297   | (16121408) |            |           |
| 392142.38  | 3820621.65 | 10.21551c  | (20073108) | 392120.40 |
| 3820612.40 | 10.45824c  | (20073108) |            |           |
| 392098.42  | 3820603.16 | 10.64972c  | (20073108) | 392076.43 |
| 3820593.92 | 10.77927c  | (20073108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 850

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 392054.45   | 3820584.67  | 10.82955c      | (20073108) | 392032.47          |  |
| 3820575.43  | 10.77964c   | (20073108)     |            |                    |  |
| 392010.48   | 3820566.18  | 10.60896c      | (20073108) | 391988.50          |  |
| 3820556.94  | 10.30199c   | (20073108)     |            |                    |  |
| 391966.52   | 3820547.69  | 9.88438        | (20111108) | 391944.53          |  |
| 3820538.45  | 9.54368     | (20111108)     |            |                    |  |
| 391922.55   | 3820529.21  | 8.99048        | (20111108) | 391900.57          |  |
| 3820519.96  | 9.18527     | (18011724)     |            |                    |  |
| 391878.58   | 3820510.72  | 10.18900       | (18011724) | 391856.60          |  |
| 3820501.47  | 11.07598    | (18011724)     |            |                    |  |
| 391834.62   | 3820492.23  | 11.80722       | (18011724) | 391812.63          |  |
| 3820482.99  | 12.35262    | (18011724)     |            |                    |  |
| 391790.65   | 3820473.74  | 12.69176       | (18011724) | 391768.67          |  |
| 3820464.50  | 12.81562    | (18011724)     |            |                    |  |
| 391746.68   | 3820455.25  | 12.72622       | (18011724) | 391724.70          |  |
| 3820446.01  | 12.43533    | (18011724)     |            |                    |  |
| 391702.72   | 3820436.76  | 11.96253       | (18011724) | 391680.73          |  |
| 3820427.52  | 11.33329    | (18011724)     |            |                    |  |
| 391658.75   | 3820418.28  | 10.57737       | (18011724) | 391636.77          |  |
| 3820409.03  | 9.72563     | (18011724)     |            |                    |  |
| 391614.78   | 3820399.79  | 8.80982        | (18011724) | 391592.80          |  |
| 3820390.54  | 7.86086     | (18011724)     |            |                    |  |
| 391570.82   | 3820381.30  | 7.60477        | (19082108) | 391548.83          |  |
| 3820372.06  | 7.79886     | (19062708)     |            |                    |  |
| 391526.85   | 3820362.81  | 8.32071        | (19062708) | 391504.87          |  |
| 3820353.57  | 8.67742     | (19062708)     |            |                    |  |
| 391482.88   | 3820344.32  | 8.84728        | (19062708) | 391460.90          |  |
| 3820335.08  | 8.82027     | (19062708)     |            |                    |  |
| 391438.92   | 3820325.83  | 8.59977        | (19062708) | 391416.93          |  |
| 3820316.59  | 8.20151     | (19062708)     |            |                    |  |
| 391394.95   | 3820307.35  | 7.65227        | (19062708) | 391372.97          |  |
| 3820298.10  | 7.44306c    | (19090108)     |            |                    |  |
| 391350.98   | 3820288.86  | 7.72391        | (20010724) | 391329.00          |  |
| 3820279.61  | 8.05629     | (20010724)     |            |                    |  |
| 391307.02   | 3820270.37  | 8.22309        | (20010724) | 391285.03          |  |
| 3820261.13  | 8.32898     | (19120508)     |            |                    |  |
| 391263.05   | 3820251.88  | 8.79565        | (19120508) | 391241.07          |  |
| 3820242.64  | 9.12421     | (19120508)     |            |                    |  |
| 391219.09   | 3820233.39  | 9.29768        | (19120508) | 391197.10          |  |
| 3820224.15  | 9.30728     | (19120508)     |            |                    |  |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391175.12  | 3820214.90          | 9.15386  | (19120508) | 391153.14 |
| 3820205.66 | 8.84741 (19120508)  |          |            |           |
| 391131.15  | 3820196.42          | 8.40576  | (19120508) | 391109.17 |
| 3820187.17 | 7.88367 (17010724)  |          |            |           |
| 391087.19  | 3820177.93          | 8.45303  | (17010724) | 391065.20 |
| 3820168.68 | 8.88350 (17010724)  |          |            |           |
| 391043.22  | 3820159.44          | 9.14913  | (17010724) | 391021.24 |
| 3820150.20 | 9.23968 (17010724)  |          |            |           |
| 390999.25  | 3820140.95          | 9.14863  | (17010724) | 390967.89 |
| 3820109.78 | 9.31041 (18111108)  |          |            |           |
| 390958.52  | 3820087.85          | 9.87907  | (18111108) | 390949.15 |
| 3820065.92 | 10.32676 (18111108) |          |            |           |
| 390939.77  | 3820044.00          | 10.63799 | (18111108) | 390930.40 |
| 3820022.07 | 10.80295 (18111108) |          |            |           |
| 390921.02  | 3820000.14          | 10.81734 | (18111108) | 390911.65 |
| 3819978.21 | 10.68260 (18111108) |          |            |           |
| 390902.27  | 3819956.28          | 10.40515 | (18111108) | 390892.90 |
| 3819934.36 | 9.99646 (18111108)  |          |            |           |
| 390883.52  | 3819912.43          | 9.47097  | (18111108) | 390874.15 |
| 3819890.50 | 8.84729 (18111108)  |          |            |           |
| 390864.77  | 3819868.57          | 8.14561  | (18111108) | 390855.40 |
| 3819846.64 | 8.12727 (19111224)  |          |            |           |
| 390846.02  | 3819824.72          | 8.35048  | (19111224) | 390836.65 |
| 3819802.79 | 8.39341 (19111224)  |          |            |           |
| 390827.27  | 3819780.86          | 8.25186  | (19111224) | 390817.90 |
| 3819758.93 | 7.93395 (19111224)  |          |            |           |
| 390808.52  | 3819737.00          | 7.45886  | (19111224) | 390799.15 |
| 3819715.08 | 7.22702 (19112124)  |          |            |           |
| 390789.78  | 3819693.15          | 7.77379  | (19112124) | 390780.40 |
| 3819671.22 | 9.15212 (20022908)  |          |            |           |
| 390771.03  | 3819649.29          | 10.59503 | (20022908) | 390761.65 |
| 3819627.36 | 12.01253 (20022908) |          |            |           |
| 390752.28  | 3819605.44          | 13.33665 | (20022908) | 390742.90 |
| 3819583.51 | 14.49980 (20022908) |          |            |           |
| 390733.53  | 3819561.58          | 15.43514 | (20022908) | 390724.15 |
| 3819539.65 | 16.08673 (20022908) |          |            |           |
| 390714.78  | 3819517.72          | 16.41291 | (20022908) | 390705.40 |
| 3819495.80 | 16.39172 (20022908) |          |            |           |
| 390696.03  | 3819473.87          | 16.02287 | (20022908) | 390686.65 |
| 3819451.94 | 15.32756 (20022908) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 851

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390677.28   | 3819430.01  | 14.34764   | (20022908) | 390667.90   |
| 3819408.09  | 13.14019    | (20022908) |            |             |
| 390658.53   | 3819386.16  | 11.77254   | (20022908) | 390649.16   |
| 3819364.23  | 10.31625    | (20022908) |            |             |
| 390639.78   | 3819342.30  | 9.35470    | (16102124) | 390630.41   |
| 3819320.37  | 9.55088     | (19112108) |            |             |
| 390621.03   | 3819298.45  | 9.74167    | (19020208) | 390611.66   |
| 3819276.52  | 10.33694    | (19020208) |            |             |
| 390602.28   | 3819254.59  | 10.77248   | (19020208) | 390592.91   |
| 3819232.66  | 11.01617    | (19020208) |            |             |
| 390583.53   | 3819210.73  | 11.02306   | (19020208) | 390574.16   |
| 3819188.81  | 10.71357    | (19020208) |            |             |
| 390564.78   | 3819166.88  | 10.23083   | (19020208) | 390555.41   |
| 3819144.95  | 9.57852     | (19020208) |            |             |
| 390546.03   | 3819123.02  | 9.01005    | (18022808) | 390536.66   |
| 3819101.09  | 8.69027     | (18022808) |            |             |
| 390527.28   | 3819079.17  | 8.16671    | (18022808) | 390517.91   |
| 3819057.24  | 7.56991     | (19022324) |            |             |
| 390508.54   | 3819035.31  | 7.45496    | (19022324) | 390499.16   |
| 3819013.38  | 7.49200     | (19122824) |            |             |
| 390489.79   | 3818991.45  | 7.74617    | (19122824) | 390480.41   |
| 3818969.53  | 7.73581     | (19122824) |            |             |
| 390471.04   | 3818947.60  | 7.55382    | (19122824) | 390461.66   |
| 3818925.67  | 7.18634     | (19122824) |            |             |
| 390452.29   | 3818903.74  | 7.00149    | (18120624) | 390442.91   |
| 3818881.81  | 7.01907     | (18120624) |            |             |
| 390433.54   | 3818859.89  | 6.84043    | (18120624) | 390424.16   |
| 3818837.96  | 6.49914     | (18120624) |            |             |
| 390414.79   | 3818816.03  | 6.57849    | (20120624) | 390405.41   |
| 3818794.10  | 6.55286     | (20120624) |            |             |
| 390396.04   | 3818772.18  | 6.36277    | (20120624) | 390386.66   |
| 3818750.25  | 6.35802     | (16102924) |            |             |
| 390377.29   | 3818728.32  | 7.31013    | (16102924) | 390367.91   |
| 3818706.39  | 8.20213     | (16102924) |            |             |
| 390358.54   | 3818684.46  | 8.93417    | (16102924) | 390349.17   |
| 3818662.54  | 9.49503     | (16102924) |            |             |
| 390339.79   | 3818640.61  | 9.83098    | (16102924) | 390330.42   |
| 3818618.68  | 9.93992     | (16102924) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390321.04  | 3818596.75         | 9.75260 | (16102924) | 390311.67 |
| 3818574.82 | 9.26835 (16102924) |         |            |           |
| 390302.29  | 3818552.90         | 8.89472 | (16102924) | 390292.92 |
| 3818530.97 | 8.37992 (16102924) |         |            |           |
| 390283.54  | 3818509.04         | 7.71442 | (16102924) | 390274.17 |
| 3818487.11 | 6.74220 (16102924) |         |            |           |
| 390264.79  | 3818465.18         | 5.85881 | (18111708) | 390255.42 |
| 3818443.26 | 5.27994 (18111708) |         |            |           |
| 390246.04  | 3818421.33         | 4.79294 | (17031024) | 390236.67 |
| 3818399.40 | 4.49388 (17031024) |         |            |           |
| 390227.29  | 3818377.47         | 4.16122 | (17031024) | 390217.92 |
| 3818355.54 | 3.81709 (17031024) |         |            |           |
| 390208.55  | 3818333.62         | 3.84368 | (18121624) | 390199.17 |
| 3818311.69 | 3.80235 (18121624) |         |            |           |
| 390189.80  | 3818289.76         | 3.67945 | (18121624) | 390180.42 |
| 3818267.83 | 3.67011 (20030908) |         |            |           |
| 390171.05  | 3818245.90         | 3.63053 | (20030908) | 390161.67 |
| 3818223.98 | 3.49452 (16122224) |         |            |           |
| 390152.30  | 3818202.05         | 3.27531 | (16122224) | 390142.92 |
| 3818180.12 | 3.20056 (16012724) |         |            |           |
| 390133.55  | 3818158.19         | 3.21682 | (16012724) | 390124.17 |
| 3818136.27 | 3.10145 (16012724) |         |            |           |
| 390114.80  | 3818114.34         | 3.21982 | (19120508) | 390105.42 |
| 3818092.41 | 3.30558 (19120508) |         |            |           |
| 390096.05  | 3818070.48         | 3.31094 | (19120508) | 390086.67 |
| 3818048.55 | 3.24459 (19120508) |         |            |           |
| 390077.30  | 3818026.63         | 3.12169 | (19120508) | 390067.93 |
| 3818004.70 | 2.94915 (19120508) |         |            |           |
| 390058.55  | 3817982.77         | 2.74038 | (19120508) | 390049.18 |
| 3817960.84 | 2.49650 (19120508) |         |            |           |
| 390039.80  | 3817938.91         | 2.25646 | (20011508) | 390030.43 |
| 3817916.99 | 2.23278 (20011508) |         |            |           |
| 390021.05  | 3817895.06         | 2.16369 | (20011508) | 390011.68 |
| 3817873.13 | 2.33015 (18031108) |         |            |           |
| 390002.30  | 3817851.20         | 2.49929 | (18031108) | 389992.93 |
| 3817829.27 | 2.64750 (18031108) |         |            |           |
| 389983.55  | 3817807.35         | 2.75738 | (18031108) | 389974.18 |
| 3817785.42 | 2.82987 (18031108) |         |            |           |
| 389964.80  | 3817763.49         | 2.86224 | (18031108) | 389955.43 |
| 3817741.56 | 2.85188 (18031108) |         |            |           |
| 389946.05  | 3817719.63         | 2.80970 | (18031108) | 389936.68 |
| 3817697.71 | 2.73102 (18031108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389927.30   | 3817675.78         | 2.62183    | (18031108) | 389917.93   |
| 3817653.85  | 2.50376 (18031108) |            |            |             |
| 389908.56   | 3817631.92         | 2.37988    | (18031108) | 389899.18   |
| 3817609.99  | 2.26127 (17030408) |            |            |             |
| 389889.81   | 3817588.07         | 2.27758    | (17030408) | 389880.43   |
| 3817566.14  | 2.27893 (17030408) |            |            |             |
| 389871.06   | 3817544.21         | 2.25615    | (17030408) | 389861.68   |
| 3817522.28  | 2.20825 (17030408) |            |            |             |
| 389852.31   | 3817500.36         | 2.10798    | (17030408) | 389842.93   |
| 3817478.43  | 1.97330 (17030408) |            |            |             |
| 389833.56   | 3817456.50         | 1.83267    | (17030408) | 389824.18   |
| 3817434.57  | 1.68509 (17030408) |            |            |             |
| 389814.81   | 3817412.64         | 1.50976    | (17030408) | 389805.43   |
| 3817390.72  | 1.35216 (19031408) |            |            |             |
| 389796.06   | 3817368.79         | 1.35264    | (19101108) | 389786.68   |
| 3817346.86  | 1.38385 (19101108) |            |            |             |
| 389777.31   | 3817324.93         | 1.40856    | (19101108) | 389767.94   |
| 3817303.00  | 1.42119 (19101108) |            |            |             |
| 389758.56   | 3817281.08         | 1.41917    | (19101108) | 389749.19   |
| 3817259.15  | 1.44481 (19100424) |            |            |             |
| 389739.81   | 3817237.22         | 1.45315    | (19100424) | 389730.44   |
| 3817215.29  | 1.43556 (19100424) |            |            |             |
| 389721.06   | 3817193.36         | 1.40718    | (19100424) | 389711.69   |
| 3817171.44  | 1.37457 (19100424) |            |            |             |
| 389702.31   | 3817149.51         | 1.33062    | (19100424) | 389692.94   |
| 3817127.58  | 1.27305 (19100424) |            |            |             |
| 389683.56   | 3817105.65         | 1.20557    | (19100424) | 389674.19   |
| 3817083.72  | 1.24233 (17100908) |            |            |             |
| 389664.81   | 3817061.80         | 1.29597    | (17100908) | 389655.44   |
| 3817039.87  | 1.34617 (17100908) |            |            |             |
| 389646.06   | 3817017.94         | 1.39195    | (17100908) | 389636.69   |
| 3816996.01  | 1.43245 (17100908) |            |            |             |
| 389627.32   | 3816974.08         | 1.46745    | (17100908) | 389617.94   |
| 3816952.16  | 1.49441 (17100908) |            |            |             |
| 389608.57   | 3816930.23         | 1.51383    | (17100908) | 389599.19   |
| 3816908.30  | 1.52715 (17100908) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389589.82  | 3816886.37          | 1.53424  | (17100908) | 389580.44 |
| 3816864.44 | 1.53114 (17100908)  |          |            |           |
| 389571.07  | 3816842.52          | 1.52138  | (17100908) | 389561.69 |
| 3816820.59 | 1.50397 (17100908)  |          |            |           |
| 389552.32  | 3816798.66          | 1.48073  | (17100908) | 389542.94 |
| 3816776.73 | 1.45181 (17100908)  |          |            |           |
| 389533.57  | 3816754.81          | 1.41781  | (17100908) | 389524.19 |
| 3816732.88 | 1.37950 (17100908)  |          |            |           |
| 389514.82  | 3816710.95          | 1.33532  | (17100908) | 389505.44 |
| 3816689.02 | 1.28670 (17100908)  |          |            |           |
| 389496.07  | 3816667.09          | 1.23474  | (17100908) | 389486.70 |
| 3816645.17 | 1.17983 (17100908)  |          |            |           |
| 389477.32  | 3816623.24          | 1.12427  | (17100908) | 389467.95 |
| 3816601.31 | 1.06918 (17100908)  |          |            |           |
| 389458.57  | 3816579.38          | 1.03286  | (18101508) | 394560.54 |
| 3821638.51 | 12.40995 (16092808) |          |            |           |
| 394584.47  | 3821638.83          | 11.16306 | (16092808) | 394608.40 |
| 3821639.16 | 10.08084 (19010308) |          |            |           |
| 394632.34  | 3821639.49          | 10.43057 | (19010308) | 394656.27 |
| 3821639.82 | 10.55258 (19010308) |          |            |           |
| 394680.20  | 3821640.15          | 10.43874 | (19010308) | 394704.13 |
| 3821640.47 | 10.09637 (19010308) |          |            |           |
| 394728.06  | 3821640.80          | 9.54756  | (19010308) | 394751.99 |
| 3821641.13 | 8.82696 (19010308)  |          |            |           |
| 394775.92  | 3821641.46          | 8.96720  | (18022608) | 394799.85 |
| 3821641.78 | 9.49123 (19102024)  |          |            |           |
| 394823.78  | 3821642.11          | 10.15884 | (19102024) | 394847.72 |
| 3821642.44 | 10.62837 (19102024) |          |            |           |
| 394871.65  | 3821642.77          | 10.86732 | (19102024) | 394895.58 |
| 3821643.10 | 10.85921 (19102024) |          |            |           |
| 394919.51  | 3821643.42          | 10.60473 | (19102024) | 394943.44 |
| 3821643.75 | 10.12174 (19102024) |          |            |           |
| 394967.37  | 3821644.08          | 9.52702  | (18020224) | 394991.30 |
| 3821644.41 | 9.47454 (18020224)  |          |            |           |
| 394520.31  | 3822962.47          | 7.84638  | (16092808) | 394498.33 |
| 3822953.23 | 8.61620 (16092808)  |          |            |           |
| 394476.35  | 3822943.99          | 9.34220  | (16092808) | 394454.38 |
| 3822934.75 | 10.00087 (16092808) |          |            |           |
| 394432.40  | 3822925.51          | 10.57039 | (16092808) | 394410.43 |
| 3822916.27 | 11.03000 (16092808) |          |            |           |
| 394388.45  | 3822907.03          | 11.36315 | (16092808) | 394366.48 |
| 3822897.79 | 11.55707 (16092808) |          |            |           |
| 394344.50  | 3822888.55          | 11.60467 | (16092808) | 394322.52 |
| 3822879.31 | 11.50441 (16092808) |          |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 394300.55   | 3822870.06          | 11.26096   | (16092808) | 394278.57   |
| 3822860.82  | 10.88423 (16092808) |            |            |             |
| 394256.60   | 3822851.58          | 10.38977   | (16092808) | 394234.62   |
| 3822842.34  | 9.79636 (16092808)  |            |            |             |
| 394212.65   | 3822833.10          | 9.12660    | (16092808) | 394190.67   |
| 3822823.86  | 8.40346 (16092808)  |            |            |             |
| 394168.69   | 3822814.62          | 7.65090    | (16092808) | 394146.72   |
| 3822805.38  | 7.22658 (19120224)  |            |            |             |
| 394124.74   | 3822796.14          | 7.39560    | (19120224) | 394102.77   |
| 3822786.90  | 7.45592 (19120224)  |            |            |             |
| 394080.79   | 3822777.65          | 7.40313    | (19120224) | 394058.82   |
| 3822768.41  | 7.24076 (19092024)  |            |            |             |
| 394036.84   | 3822759.17          | 7.79668    | (19092024) | 394014.86   |
| 3822749.93  | 8.27567 (19092024)  |            |            |             |
| 393992.89   | 3822740.69          | 8.65826    | (19092024) | 393970.91   |
| 3822731.45  | 8.92850 (19092024)  |            |            |             |
| 393948.94   | 3822722.21          | 9.07412    | (19092024) | 393926.96   |
| 3822712.97  | 9.08825 (19092024)  |            |            |             |
| 393904.99   | 3822703.73          | 8.96955    | (19092024) | 393883.01   |
| 3822694.49  | 8.72234 (19092024)  |            |            |             |
| 393861.04   | 3822685.25          | 8.35677    | (19092024) | 393839.06   |
| 3822676.00  | 7.88731 (19092024)  |            |            |             |
| 393817.08   | 3822666.76          | 7.87119    | (16082908) | 393795.11   |
| 3822657.52  | 7.91638 (16082908)  |            |            |             |
| 393773.13   | 3822648.28          | 7.85235    | (16082908) | 393751.16   |
| 3822639.04  | 7.67888 (16082908)  |            |            |             |
| 393729.18   | 3822629.80          | 7.40083    | (16082908) | 393707.21   |
| 3822620.56  | 7.57581 (16102908)  |            |            |             |
| 393685.23   | 3822611.32          | 7.95823    | (16102908) | 393663.25   |
| 3822602.08  | 8.23475 (16102908)  |            |            |             |
| 393641.28   | 3822592.84          | 8.39265    | (16102908) | 393619.30   |
| 3822583.59  | 8.42442 (16102908)  |            |            |             |
| 393597.33   | 3822574.35          | 8.32737    | (16102908) | 393575.35   |
| 3822565.11  | 8.10685 (16102908)  |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393553.38  | 3822555.87          | 7.77163  | (16102908) | 393531.40 |
| 3822546.63 | 7.33587 (16102908)  |          |            |           |
| 393509.42  | 3822537.39          | 6.81811  | (16102908) | 393487.45 |
| 3822528.15 | 6.71395 (17021124)  |          |            |           |
| 393465.47  | 3822518.91          | 6.80749  | (17021124) | 393443.50 |
| 3822509.67 | 6.79980 (17021124)  |          |            |           |
| 393421.52  | 3822500.43          | 6.69327  | (17021124) | 393399.55 |
| 3822491.18 | 6.49514 (17021124)  |          |            |           |
| 393377.57  | 3822481.94          | 6.59577  | (19112124) | 393355.59 |
| 3822472.70 | 6.78262 (19112124)  |          |            |           |
| 393333.62  | 3822463.46          | 6.90363  | (19112124) | 393311.64 |
| 3822454.22 | 6.96390 (19112124)  |          |            |           |
| 393289.67  | 3822444.98          | 7.48012  | (20032208) | 393267.69 |
| 3822435.74 | 8.14599 (20032208)  |          |            |           |
| 393245.72  | 3822426.50          | 8.78404  | (20032208) | 393223.74 |
| 3822417.26 | 9.37741 (20032208)  |          |            |           |
| 393201.76  | 3822408.02          | 9.90753  | (20032208) | 393179.79 |
| 3822398.77 | 10.35905 (20032208) |          |            |           |
| 393157.81  | 3822389.53          | 10.71879 | (20032208) | 393135.84 |
| 3822380.29 | 10.97602 (20032208) |          |            |           |
| 393113.86  | 3822371.05          | 11.12355 | (20032208) | 393091.89 |
| 3822361.81 | 11.15718 (20032208) |          |            |           |
| 393069.91  | 3822352.57          | 11.07608 | (20032208) | 393047.93 |
| 3822343.33 | 10.88249 (20032208) |          |            |           |
| 393025.96  | 3822334.09          | 10.60744 | (19122408) | 393003.98 |
| 3822324.85 | 10.49425 (19122408) |          |            |           |
| 392982.01  | 3822315.61          | 10.25450 | (19122408) | 392960.03 |
| 3822306.36 | 9.89205 (19122408)  |          |            |           |
| 392938.06  | 3822297.12          | 9.41625  | (19122408) | 392916.08 |
| 3822287.88 | 8.84030 (19122408)  |          |            |           |
| 392894.11  | 3822278.64          | 8.89543  | (16022308) | 392872.13 |
| 3822269.40 | 9.04444 (16022308)  |          |            |           |
| 392850.15  | 3822260.16          | 9.09239  | (16022308) | 392828.18 |
| 3822250.92 | 9.03609 (16022308)  |          |            |           |
| 392806.20  | 3822241.68          | 8.87520  | (16022308) | 392784.23 |
| 3822232.44 | 8.61285 (16022308)  |          |            |           |
| 392762.25  | 3822223.20          | 8.25513  | (16022308) | 392740.28 |
| 3822213.95 | 7.81196 (16022308)  |          |            |           |
| 392718.30  | 3822204.71          | 7.48857m | (20100708) | 392696.32 |
| 3822195.47 | 7.73470 (20032008)  |          |            |           |
| 392674.35  | 3822186.23          | 7.94968  | (20032008) | 392652.37 |
| 3822176.99 | 8.10159 (20032008)  |          |            |           |
| 392630.40  | 3822167.75          | 8.19453  | (20032008) | 392608.42 |
| 3822158.51 | 8.23574 (20032008)  |          |            |           |
| 392586.45  | 3822149.27          | 8.23421  | (20032008) | 392564.47 |
| 3822140.03 | 8.19940 (20032008)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392542.49   | 3822130.79  | 8.14047    | (20032008) | 392520.52   |
| 3822121.55  | 8.06304     | (20032008) |            |             |
| 392498.54   | 3822112.30  | 7.97101    | (20032008) | 392476.57   |
| 3822103.06  | 7.86481     | (20032008) |            |             |
| 392454.59   | 3822093.82  | 7.74167    | (20032008) | 392432.62   |
| 3822084.58  | 7.59670     | (20032008) |            |             |
| 392410.64   | 3822075.34  | 7.42357    | (20032008) | 392388.66   |
| 3822066.10  | 7.21625     | (20032008) |            |             |
| 392366.69   | 3822056.86  | 7.02756    | (18020308) | 392344.71   |
| 3822047.62  | 7.02968     | (20022708) |            |             |
| 392322.74   | 3822038.38  | 7.39677    | (20022708) | 392300.76   |
| 3822029.14  | 7.64289     | (20022708) |            |             |
| 392278.79   | 3822019.89  | 7.75496    | (20022708) | 392256.81   |
| 3822010.65  | 7.72707     | (20022708) |            |             |
| 392234.83   | 3822001.41  | 7.56081    | (20022708) | 392212.86   |
| 3821992.17  | 7.26532     | (20022708) |            |             |
| 392190.88   | 3821982.93  | 6.85594    | (20022708) | 392168.91   |
| 3821973.69  | 6.60662     | (18032008) |            |             |
| 392146.93   | 3821964.45  | 6.99766    | (20011808) | 392124.96   |
| 3821955.21  | 7.36860     | (20011808) |            |             |
| 392102.98   | 3821945.97  | 7.62026    | (20011808) | 392081.00   |
| 3821936.73  | 7.73947     | (20011808) |            |             |
| 392059.03   | 3821927.48  | 7.72008    | (20011808) | 392037.05   |
| 3821918.24  | 7.56329     | (20011808) |            |             |
| 392015.08   | 3821909.00  | 7.48821    | (20092608) | 391993.10   |
| 3821899.76  | 7.67186     | (19120108) |            |             |
| 391971.13   | 3821890.52  | 7.72795    | (19120108) | 391949.15   |
| 3821881.28  | 7.64619     | (19120108) |            |             |
| 391927.18   | 3821872.04  | 7.43653    | (20092608) | 391905.20   |
| 3821862.80  | 7.35187     | (19120508) |            |             |
| 391883.22   | 3821853.56  | 7.47961    | (19120508) | 391861.25   |
| 3821844.32  | 7.47513     | (19120508) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391839.27  | 3821835.07          | 7.33892  | (19120508) | 391817.30 |
| 3821825.83 | 7.51967 (17031324)  |          |            |           |
| 391795.32  | 3821816.59          | 7.70025  | (17031324) | 391773.35 |
| 3821807.35 | 8.46769 (16121408)  |          |            |           |
| 391751.37  | 3821798.11          | 9.30241  | (16121408) | 391729.39 |
| 3821788.87 | 10.05272 (16121408) |          |            |           |
| 391707.42  | 3821779.63          | 10.68718 | (16121408) | 391685.44 |
| 3821770.39 | 11.17873 (16121408) |          |            |           |
| 391663.47  | 3821761.15          | 11.50532 | (16121408) | 391641.49 |
| 3821751.91 | 11.65275 (16121408) |          |            |           |
| 391619.52  | 3821742.66          | 11.61489 | (16121408) | 391597.54 |
| 3821733.42 | 11.39440 (16121408) |          |            |           |
| 391575.56  | 3821724.18          | 11.00253 | (16121408) | 391553.59 |
| 3821714.94 | 10.45827 (16121408) |          |            |           |
| 391531.61  | 3821705.70          | 9.78605  | (16121408) | 391509.64 |
| 3821696.46 | 9.01540 (16121408)  |          |            |           |
| 391487.66  | 3821687.22          | 8.17696  | (16121408) | 391465.69 |
| 3821677.98 | 7.58109 (17091024)  |          |            |           |
| 391443.71  | 3821668.74          | 7.62840c | (20073108) | 391421.73 |
| 3821659.50 | 7.76555c (20073108) |          |            |           |
| 391399.76  | 3821650.25          | 7.88162c | (20073108) | 391377.78 |
| 3821641.01 | 7.97153c (20073108) |          |            |           |
| 391355.81  | 3821631.77          | 8.02767c | (20073108) | 391333.83 |
| 3821622.53 | 8.04081c (20073108) |          |            |           |
| 391311.86  | 3821613.29          | 8.00114c | (20073108) | 391289.88 |
| 3821604.05 | 7.89956c (20073108) |          |            |           |
| 391267.90  | 3821594.81          | 7.72902c | (20073108) | 391245.93 |
| 3821585.57 | 7.52065 (20111108)  |          |            |           |
| 391223.95  | 3821576.33          | 7.37078  | (20111108) | 391201.98 |
| 3821567.09 | 7.10522 (20111108)  |          |            |           |
| 391180.00  | 3821557.85          | 6.73697  | (20111108) | 391158.03 |
| 3821548.60 | 6.70679 (18011724)  |          |            |           |
| 391136.05  | 3821539.36          | 7.33843  | (18011724) | 391114.07 |
| 3821530.12 | 7.92004 (18011724)  |          |            |           |
| 391092.10  | 3821520.88          | 8.43435  | (18011724) | 391070.12 |
| 3821511.64 | 8.86692 (18011724)  |          |            |           |
| 391048.15  | 3821502.40          | 9.20573  | (18011724) | 391026.17 |
| 3821493.16 | 9.44284 (18011724)  |          |            |           |
| 391004.20  | 3821483.92          | 9.57367  | (18011724) | 390982.22 |
| 3821474.68 | 9.59758 (18011724)  |          |            |           |
| 390960.24  | 3821465.44          | 9.51727  | (18011724) | 390938.27 |
| 3821456.19 | 9.33852 (18011724)  |          |            |           |
| 390916.29  | 3821446.95          | 9.06943  | (18011724) | 390894.32 |
| 3821437.71 | 8.72023 (18011724)  |          |            |           |
| 390872.34  | 3821428.47          | 8.30203  | (18011724) | 390850.37 |
| 3821419.23 | 7.82725 (18011724)  |          |            |           |
| 390828.39  | 3821409.99          | 7.30802  | (18011724) | 390806.42 |
| 3821400.75 | 6.75716 (18011724)  |          |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 855

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 390784.44   | 3821391.51          | 6.18642    | (18011724) | 390762.46   |
| 3821382.27  | 5.60756 (18011724)  |            |            |             |
| 390740.49   | 3821373.03          | 5.71490    | (19082108) | 390718.51   |
| 3821363.78  | 5.77934 (19062708)  |            |            |             |
| 390696.54   | 3821354.54          | 6.13235    | (19062708) | 390674.56   |
| 3821345.30  | 6.40814 (19062708)  |            |            |             |
| 390652.59   | 3821336.06          | 6.59510    | (19062708) | 390630.61   |
| 3821326.82  | 6.68565 (19062708)  |            |            |             |
| 390608.63   | 3821317.58          | 6.67627    | (19062708) | 390586.66   |
| 3821308.34  | 6.56805 (19062708)  |            |            |             |
| 390564.68   | 3821299.10          | 6.36627    | (19062708) | 390542.71   |
| 3821289.86  | 6.08036 (19062708)  |            |            |             |
| 390520.73   | 3821280.62          | 5.72260    | (19062708) | 390498.76   |
| 3821271.37  | 5.60305c (19090108) |            |            |             |
| 390476.78   | 3821262.13          | 5.68459    | (20010724) | 390454.80   |
| 3821252.89  | 5.93932 (20010724)  |            |            |             |
| 390432.83   | 3821243.65          | 6.11563    | (20010724) | 390410.85   |
| 3821234.41  | 6.20673 (20010724)  |            |            |             |
| 390388.88   | 3821225.17          | 6.20927    | (20010724) | 390366.90   |
| 3821215.93  | 6.44453 (19120508)  |            |            |             |
| 390344.93   | 3821206.69          | 6.69326    | (19120508) | 390322.95   |
| 3821197.45  | 6.86879 (19120508)  |            |            |             |
| 390300.97   | 3821188.21          | 6.96487    | (19120508) | 390279.00   |
| 3821178.96  | 6.97835 (19120508)  |            |            |             |
| 390257.02   | 3821169.72          | 6.90922    | (19120508) | 390235.05   |
| 3821160.48  | 6.76071 (19120508)  |            |            |             |
| 390213.07   | 3821151.24          | 6.53879    | (19120508) | 390191.10   |
| 3821142.00  | 6.25217 (19120508)  |            |            |             |
| 390169.12   | 3821132.76          | 5.91112    | (19120508) | 390147.14   |
| 3821123.52  | 6.20068 (17010724)  |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390125.17  | 3821114.28          | 6.51660  | (17010724) | 390103.19 |
| 3821105.04 | 6.75572 (17010724)  |          |            |           |
| 390081.22  | 3821095.80          | 6.91201  | (17010724) | 390059.24 |
| 3821086.55 | 6.97810 (17010724)  |          |            |           |
| 390027.89  | 3821055.39          | 6.85519  | (17010724) | 390018.52 |
| 3821033.47 | 6.66726 (17010724)  |          |            |           |
| 390009.15  | 3821011.55          | 7.00337  | (18111108) | 389999.78 |
| 3820989.63 | 7.35625 (18111108)  |          |            |           |
| 389990.41  | 3820967.71          | 7.64958  | (18111108) | 389981.04 |
| 3820945.79 | 7.87674 (18111108)  |          |            |           |
| 389971.67  | 3820923.87          | 8.03291  | (18111108) | 389962.29 |
| 3820901.95 | 8.11518 (18111108)  |          |            |           |
| 389952.92  | 3820880.03          | 8.12253  | (18111108) | 389943.55 |
| 3820858.11 | 8.05577 (18111108)  |          |            |           |
| 389934.18  | 3820836.19          | 7.91735  | (18111108) | 389924.81 |
| 3820814.27 | 7.71120 (18111108)  |          |            |           |
| 389915.44  | 3820792.35          | 7.44255  | (18111108) | 389906.07 |
| 3820770.43 | 7.11776 (18111108)  |          |            |           |
| 389896.69  | 3820748.51          | 6.74398  | (18111108) | 389887.32 |
| 3820726.59 | 6.32950 (18111108)  |          |            |           |
| 389877.95  | 3820704.67          | 5.99645  | (18070508) | 389868.58 |
| 3820682.75 | 6.18803 (19111224)  |          |            |           |
| 389859.21  | 3820660.83          | 6.32934  | (19111224) | 389849.84 |
| 3820638.91 | 6.37850 (19111224)  |          |            |           |
| 389840.47  | 3820616.99          | 6.33281  | (19111224) | 389831.09 |
| 3820595.07 | 6.19371 (19111224)  |          |            |           |
| 389821.72  | 3820573.15          | 5.96695  | (19111224) | 389812.35 |
| 3820551.23 | 5.66188 (19111224)  |          |            |           |
| 389802.98  | 3820529.30          | 5.31357  | (19112124) | 389793.61 |
| 3820507.38 | 5.68910 (19112124)  |          |            |           |
| 389784.24  | 3820485.46          | 6.04237  | (20022908) | 389774.87 |
| 3820463.54 | 6.92225 (20022908)  |          |            |           |
| 389765.49  | 3820441.62          | 7.82004  | (20022908) | 389756.12 |
| 3820419.70 | 8.71067 (20022908)  |          |            |           |
| 389746.75  | 3820397.78          | 9.56700  | (20022908) | 389737.38 |
| 3820375.86 | 10.36014 (20022908) |          |            |           |
| 389728.01  | 3820353.94          | 11.06128 | (20022908) | 389718.64 |
| 3820332.02 | 11.64333 (20022908) |          |            |           |
| 389709.27  | 3820310.10          | 12.08265 | (20022908) | 389699.89 |
| 3820288.18 | 12.36064 (20022908) |          |            |           |
| 389690.52  | 3820266.26          | 12.46486 | (20022908) | 389681.15 |
| 3820244.34 | 12.39027 (20022908) |          |            |           |
| 389671.78  | 3820222.42          | 12.13935 | (20022908) | 389662.41 |
| 3820200.50 | 11.72206 (20022908) |          |            |           |
| 389653.04  | 3820178.58          | 11.15518 | (20022908) | 389643.67 |
| 3820156.66 | 10.46122 (20022908) |          |            |           |
| 389634.29  | 3820134.74          | 9.66669  | (20022908) | 389624.92 |
| 3820112.82 | 8.80130 (20022908)  |          |            |           |
| 389615.55  | 3820090.90          | 7.89485  | (20022908) | 389606.18 |
| 3820068.98 | 7.21255 (16102124)  |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 856

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

**\*\***

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389596.81   | 3820047.06         | 7.08786    | (19112108) | 389587.44   |
| 3820025.14  | 7.30175 (19112108) |            |            |             |
| 389578.07   | 3820003.22         | 7.39990    | (19112108) | 389568.69   |
| 3819981.30  | 7.66470 (19020208) |            |            |             |
| 389559.32   | 3819959.38         | 7.97414    | (19020208) | 389549.95   |
| 3819937.45  | 8.19237 (19020208) |            |            |             |
| 389540.58   | 3819915.53         | 8.30771    | (19020208) | 389531.21   |
| 3819893.61  | 8.31300 (19020208) |            |            |             |
| 389521.84   | 3819871.69         | 8.20586    | (19020208) | 389512.47   |
| 3819849.77  | 7.98910 (19020208) |            |            |             |
| 389503.09   | 3819827.85         | 7.83000    | (18022808) | 389493.72   |
| 3819805.93  | 7.97876 (18022808) |            |            |             |
| 389484.35   | 3819784.01         | 8.00405    | (18022808) | 389474.98   |
| 3819762.09  | 7.90370 (18022808) |            |            |             |
| 389465.61   | 3819740.17         | 7.68184    | (18022808) | 389456.24   |
| 3819718.25  | 7.34855 (18022808) |            |            |             |
| 389446.87   | 3819696.33         | 6.91909    | (18022808) | 389437.49   |
| 3819674.41  | 6.49326 (19022324) |            |            |             |
| 389428.12   | 3819652.49         | 6.88682    | (19122824) | 389418.75   |
| 3819630.57  | 7.20730 (19122824) |            |            |             |
| 389409.38   | 3819608.65         | 7.41499    | (19122824) | 389400.01   |
| 3819586.73  | 7.49920 (19122824) |            |            |             |
| 389390.64   | 3819564.81         | 7.45534    | (19122824) | 389381.27   |
| 3819542.89  | 7.28534 (19122824) |            |            |             |
| 389371.89   | 3819520.97         | 7.04666    | (18120624) | 389362.52   |
| 3819499.05  | 7.20839 (18120624) |            |            |             |
| 389353.15   | 3819477.13         | 7.24759    | (18120624) | 389343.78   |
| 3819455.21  | 7.16200 (18120624) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389334.41  | 3819433.29          | 6.95576  | (18120624) | 389325.04 |
| 3819411.37 | 7.18276 (20120624)  |          |            |           |
| 389315.67  | 3819389.45          | 7.30275  | (20120624) | 389306.29 |
| 3819367.53 | 7.29668 (20120624)  |          |            |           |
| 389296.92  | 3819345.61          | 7.16468  | (20120624) | 389287.55 |
| 3819323.68 | 7.25833 (19010824)  |          |            |           |
| 389278.18  | 3819301.76          | 7.90510  | (16102924) | 389268.81 |
| 3819279.84 | 8.88419 (16102924)  |          |            |           |
| 389259.44  | 3819257.92          | 9.82553  | (16102924) | 389250.06 |
| 3819236.00 | 10.69393 (16102924) |          |            |           |
| 389240.69  | 3819214.08          | 11.45402 | (16102924) | 389231.32 |
| 3819192.16 | 12.07344 (16102924) |          |            |           |
| 389221.95  | 3819170.24          | 12.52455 | (16102924) | 389212.58 |
| 3819148.32 | 12.78657 (16102924) |          |            |           |
| 389203.21  | 3819126.40          | 12.84720 | (16102924) | 389193.84 |
| 3819104.48 | 12.70354 (16102924) |          |            |           |
| 389184.46  | 3819082.56          | 12.36223 | (16102924) | 389175.09 |
| 3819060.64 | 11.83929 (16102924) |          |            |           |
| 389165.72  | 3819038.72          | 11.15841 | (16102924) | 389156.35 |
| 3819016.80 | 10.34945 (16102924) |          |            |           |
| 389146.98  | 3818994.88          | 9.44627  | (16102924) | 389137.61 |
| 3818972.96 | 8.48433 (16102924)  |          |            |           |
| 389128.24  | 3818951.04          | 7.49849  | (16102924) | 389118.86 |
| 3818929.12 | 6.52080 (16102924)  |          |            |           |
| 389109.49  | 3818907.20          | 6.03859  | (17031024) | 389100.12 |
| 3818885.28 | 6.09876 (17090908)  |          |            |           |
| 389090.75  | 3818863.36          | 6.09844  | (17090908) | 389081.38 |
| 3818841.44 | 5.99129 (17090908)  |          |            |           |
| 389072.01  | 3818819.52          | 6.21862  | (18121624) | 389062.64 |
| 3818797.60 | 6.39650 (18121624)  |          |            |           |
| 389053.26  | 3818775.68          | 6.46421  | (18121624) | 389043.89 |
| 3818753.76 | 6.68567 (16122224)  |          |            |           |
| 389034.52  | 3818731.83          | 7.07425  | (16122224) | 389025.15 |
| 3818709.91 | 7.35409 (16122224)  |          |            |           |
| 389015.78  | 3818687.99          | 7.51119  | (16122224) | 389006.41 |
| 3818666.07 | 7.53746 (16122224)  |          |            |           |
| 388997.04  | 3818644.15          | 7.43164  | (16122224) | 388987.66 |
| 3818622.23 | 7.19928 (16122224)  |          |            |           |
| 388978.29  | 3818600.31          | 7.15042  | (18121524) | 388968.92 |
| 3818578.39 | 7.25257 (18121524)  |          |            |           |
| 388959.55  | 3818556.47          | 7.22790  | (18121524) | 388950.18 |
| 3818534.55 | 7.07784 (18121524)  |          |            |           |
| 388940.81  | 3818512.63          | 7.27337  | (17013024) | 388931.44 |
| 3818490.71 | 7.45722 (17013024)  |          |            |           |
| 388922.06  | 3818468.79          | 7.51274  | (17013024) | 388912.69 |
| 3818446.87 | 7.43727 (17013024)  |          |            |           |
| 388903.32  | 3818424.95          | 7.23490  | (17013024) | 388893.95 |
| 3818403.03 | 7.34027 (18102824)  |          |            |           |
| 388884.58  | 3818381.11          | 7.47626  | (18102824) | 388875.21 |
| 3818359.19 | 7.48307 (18102824)  |          |            |           |

388865.84 3818337.27 7.36059 (18102824) 388856.46  
 3818315.35 7.11530 (18102824)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 857

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388847.09   | 3818293.43  | 6.75991    | (18102824) | 388837.72   |
| 3818271.51  | 6.31199     | (18102824) |            |             |
| 388828.35   | 3818249.59  | 5.79686    | (20011508) | 388818.98   |
| 3818227.67  | 5.94342     | (17111124) |            |             |
| 388809.61   | 3818205.75  | 6.09414    | (17111124) | 388800.24   |
| 3818183.83  | 6.23980     | (18031108) |            |             |
| 388790.86   | 3818161.91  | 6.62627    | (18031108) | 388781.49   |
| 3818139.98  | 6.93105     | (18031108) |            |             |
| 388772.12   | 3818118.06  | 7.13453    | (18031108) | 388762.75   |
| 3818096.14  | 7.22502     | (18031108) |            |             |
| 388753.38   | 3818074.22  | 7.34383    | (18031108) | 388744.01   |
| 3818052.30  | 7.40186     | (18031108) |            |             |
| 388734.64   | 3818030.38  | 7.40283    | (18031108) | 388725.26   |
| 3818008.46  | 7.23488     | (18031108) |            |             |
| 388715.89   | 3817986.54  | 6.87674    | (18031108) | 388706.52   |
| 3817964.62  | 6.41787     | (18031108) |            |             |
| 388697.15   | 3817942.70  | 5.85458    | (18031108) | 388687.78   |
| 3817920.78  | 5.24658     | (18031108) |            |             |
| 388678.41   | 3817898.86  | 4.61648    | (18031108) | 388669.04   |
| 3817876.94  | 4.01854     | (18031108) |            |             |
| 388659.66   | 3817855.02  | 3.60810    | (18031108) | 388650.29   |
| 3817833.10  | 3.44239     | (17030408) |            |             |
| 388640.92   | 3817811.18  | 3.30539    | (17030408) | 388631.55   |
| 3817789.26  | 3.17618     | (17030408) |            |             |
| 388622.18   | 3817767.34  | 3.05706    | (17030408) | 388612.81   |
| 3817745.42  | 2.87305     | (17030408) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388603.44  | 3817723.50         | 2.63604 | (17030408) | 388594.06 |
| 3817701.58 | 2.39087 (17030408) |         |            |           |
| 388584.69  | 3817679.66         | 2.12691 | (17030408) | 388575.32 |
| 3817657.74 | 1.89213 (17030408) |         |            |           |
| 388565.95  | 3817635.82         | 1.69604 | (17030408) | 388556.58 |
| 3817613.90 | 1.48301 (17030408) |         |            |           |
| 388547.21  | 3817591.98         | 1.26942 | (17030408) | 388537.84 |
| 3817570.06 | 1.16023 (19101108) |         |            |           |
| 388528.46  | 3817548.13         | 1.19118 | (19100424) | 388519.09 |
| 3817526.21 | 1.22105 (19100424) |         |            |           |
| 388509.72  | 3817504.29         | 1.24589 | (19100424) | 388500.35 |
| 3817482.37 | 1.26973 (19100424) |         |            |           |
| 388490.98  | 3817460.45         | 1.28793 | (19100424) | 388481.61 |
| 3817438.53 | 1.30673 (19100424) |         |            |           |
| 388472.24  | 3817416.61         | 1.32260 | (19100424) | 388462.86 |
| 3817394.69 | 1.33101 (19100424) |         |            |           |
| 388453.49  | 3817372.77         | 1.32742 | (19100424) | 388444.12 |
| 3817350.85 | 1.31156 (19100424) |         |            |           |
| 388434.75  | 3817328.93         | 1.29297 | (19100424) | 388425.38 |
| 3817307.01 | 1.25829 (19100424) |         |            |           |
| 388416.01  | 3817285.09         | 1.21997 | (19100424) | 388406.63 |
| 3817263.17 | 1.17179 (19100424) |         |            |           |
| 388397.26  | 3817241.25         | 1.12204 | (19100424) | 388387.89 |
| 3817219.33 | 1.05214 (19100424) |         |            |           |
| 388378.52  | 3817197.41         | 1.07348 | (17100908) | 388369.15 |
| 3817175.49 | 1.08829 (17100908) |         |            |           |
| 388359.78  | 3817153.57         | 1.11091 | (17100908) | 388350.41 |
| 3817131.65 | 1.14010 (17100908) |         |            |           |
| 388341.03  | 3817109.73         | 1.17063 | (17100908) | 388331.66 |
| 3817087.81 | 1.19736 (17100908) |         |            |           |
| 388322.29  | 3817065.89         | 1.22216 | (17100908) | 388312.92 |
| 3817043.97 | 1.24956 (17100908) |         |            |           |
| 388303.55  | 3817022.05         | 1.28648 | (17100908) | 388294.18 |
| 3817000.13 | 1.30404 (17100908) |         |            |           |
| 388284.81  | 3816978.21         | 1.31254 | (17100908) | 388275.43 |
| 3816956.29 | 1.33289 (17100908) |         |            |           |
| 388266.06  | 3816934.36         | 1.37521 | (17100908) | 388256.69 |
| 3816912.44 | 1.42080 (18111708) |         |            |           |
| 388247.32  | 3816890.52         | 1.52999 | (18111708) | 388237.95 |
| 3816868.60 | 1.41978 (18111708) |         |            |           |
| 388228.58  | 3816846.68         | 1.39785 | (18111708) | 388219.21 |
| 3816824.76 | 1.49157 (18111708) |         |            |           |
| 388209.83  | 3816802.84         | 1.61040 | (18111708) | 388200.46 |
| 3816780.92 | 1.53719 (18111708) |         |            |           |
| 388191.09  | 3816759.00         | 1.65613 | (18111708) | 388181.72 |
| 3816737.08 | 1.81620 (18111708) |         |            |           |
| 388172.35  | 3816715.16         | 1.88188 | (18111708) | 388162.98 |
| 3816693.24 | 1.58632 (18111708) |         |            |           |
| 388153.61  | 3816671.32         | 1.50994 | (19031408) | 388144.23 |
| 3816649.40 | 1.44904 (19031408) |         |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394590.14   | 3822972.70  | 7.85649    | (19010308) | 394614.07   |
| 394638.01   | 3822973.35  | 7.71004    | (19010308) | 394661.94   |
| 394685.87   | 3822974.01  | 7.12766    | (19010308) | 394709.80   |
| 394733.73   | 3822974.67  | 6.57825    | (18022608) | 394757.66   |
| 394781.59   | 3822975.32  | 7.12700    | (19102024) | 394805.52   |
| 394829.45   | 3822975.98  | 7.54519    | (19102024) | 394853.39   |
| 394877.32   | 3822976.63  | 7.86735    | (19102024) | 394901.25   |
| 394925.18   | 3822977.29  | 8.16991    | (19102024) | 394949.11   |
| 394973.04   | 3822977.95  | 7.97920    | (19102024) | 394996.97   |
| 3824295.65  | 3822978.60  | 7.33078    | (19102024) | 394501.96   |
| 3824277.09  | 3824286.37  | 2.89681    | (19010308) | 394457.84   |
| 3824258.54  | 3824267.82  | 2.88113    | (19010308) | 394413.72   |
| 3824239.99  | 3824249.27  | 2.83803    | (19010308) | 394369.60   |
|             |             | 3.41859    | (16092808) |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394347.54  | 3824230.71         | 3.98866 | (16092808) | 394325.48 |
| 3824221.44 | 4.25183 (16092808) |         |            |           |
| 394303.42  | 3824212.16         | 4.46256 | (16092808) | 394281.36 |
| 3824202.88 | 4.59382 (16092808) |         |            |           |
| 394259.30  | 3824193.61         | 4.69730 | (16092808) | 394237.24 |
| 3824184.33 | 4.77913 (16092808) |         |            |           |
| 394215.18  | 3824175.05         | 4.82943 | (16092808) | 394193.12 |
| 3824165.78 | 4.83084 (16092808) |         |            |           |
| 394171.06  | 3824156.50         | 4.79888 | (16092808) | 394149.00 |
| 3824147.22 | 4.73421 (16092808) |         |            |           |
| 394126.94  | 3824137.95         | 4.62028 | (16092808) | 394104.88 |
| 3824128.67 | 4.46112 (16092808) |         |            |           |
| 394082.82  | 3824119.40         | 4.28259 | (16092808) | 394060.76 |
| 3824110.12 | 4.08777 (16092808) |         |            |           |
| 394038.70  | 3824100.84         | 3.87618 | (16092808) | 394016.64 |
| 3824091.57 | 3.65102 (16092808) |         |            |           |
| 393994.58  | 3824082.29         | 3.40252 | (16092808) | 393972.52 |
| 3824073.01 | 3.49953 (19120224) |         |            |           |
| 393950.46  | 3824063.74         | 3.61140 | (19120224) | 393928.40 |
| 3824054.46 | 3.69255 (19120224) |         |            |           |
| 393906.34  | 3824045.18         | 4.07284 | (19092024) | 393884.28 |
| 3824035.91 | 4.45315 (19092024) |         |            |           |
| 393862.22  | 3824026.63         | 4.81778 | (19092024) | 393840.16 |
| 3824017.35 | 5.15783 (19092024) |         |            |           |
| 393818.10  | 3824008.08         | 5.45827 | (19092024) | 393796.04 |
| 3823998.80 | 5.65472 (19092024) |         |            |           |
| 393773.98  | 3823989.53         | 5.68423 | (19092024) | 393751.92 |
| 3823980.25 | 5.66455 (19092024) |         |            |           |
| 393729.86  | 3823970.97         | 5.69373 | (19092024) | 393707.80 |
| 3823961.70 | 5.73387 (19092024) |         |            |           |
| 393685.74  | 3823952.42         | 5.66457 | (19092024) | 393663.68 |
| 3823943.14 | 5.61186 (19092024) |         |            |           |
| 393641.62  | 3823933.87         | 5.49416 | (19092024) | 393619.56 |
| 3823924.59 | 5.24772 (19092024) |         |            |           |
| 393597.50  | 3823915.31         | 5.28341 | (16082908) | 393575.44 |
| 3823906.04 | 5.43350 (16082908) |         |            |           |
| 393553.38  | 3823896.76         | 5.57631 | (16082908) | 393531.32 |
| 3823887.48 | 5.67326 (16082908) |         |            |           |
| 393509.26  | 3823878.21         | 5.59914 | (16082908) | 393487.20 |
| 3823868.93 | 5.75749 (16102908) |         |            |           |
| 393465.14  | 3823859.65         | 6.06071 | (16102908) | 393443.08 |
| 3823850.38 | 6.31068 (16102908) |         |            |           |
| 393421.02  | 3823841.10         | 6.49946 | (16102908) | 393398.96 |
| 3823831.83 | 6.62071 (16102908) |         |            |           |
| 393376.90  | 3823822.55         | 6.67028 | (16102908) | 393354.84 |
| 3823813.27 | 6.64579 (16102908) |         |            |           |
| 393332.78  | 3823804.00         | 6.54883 | (16102908) | 393310.72 |
| 3823794.72 | 6.38174 (16102908) |         |            |           |
| 393288.66  | 3823785.44         | 6.14975 | (16102908) | 393266.60 |
| 3823776.17 | 5.86013 (16102908) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393244.54  | 3823766.89         | 5.52171 | (16102908) | 393222.48 |
| 3823757.61 | 5.23181 (17021124) |         |            |           |
| 393200.42  | 3823748.34         | 5.33775 | (17021124) | 393178.36 |
| 3823739.06 | 5.38604 (17021124) |         |            |           |
| 393156.30  | 3823729.78         | 5.37594 | (17021124) | 393134.24 |
| 3823720.51 | 5.30881 (17021124) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 859

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393112.18   | 3823711.23         | 5.18803    | (17021124) | 393090.12   |
| 3823701.96  | 5.10001 (19112124) |            |            |             |
| 393068.06   | 3823692.68         | 5.24840    | (19112124) | 393046.00   |
| 3823683.40  | 5.35754 (19112124) |            |            |             |
| 393023.94   | 3823674.13         | 5.42887    | (19112124) | 393001.88   |
| 3823664.85  | 5.46530 (19112124) |            |            |             |
| 392979.82   | 3823655.57         | 5.64185    | (20032208) | 392957.76   |
| 3823646.30  | 6.09253 (20032208) |            |            |             |
| 392935.70   | 3823637.02         | 6.53354    | (20032208) | 392913.64   |
| 3823627.74  | 6.95610 (20032208) |            |            |             |
| 392891.58   | 3823618.47         | 7.35188    | (20032208) | 392869.52   |
| 3823609.19  | 7.71207 (20032208) |            |            |             |
| 392847.46   | 3823599.91         | 8.02930    | (20032208) | 392825.40   |
| 3823590.64  | 8.29686 (20032208) |            |            |             |
| 392803.34   | 3823581.36         | 8.50930    | (20032208) | 392781.28   |
| 3823572.09  | 8.66227 (20032208) |            |            |             |
| 392759.22   | 3823562.81         | 8.75286    | (20032208) | 392737.16   |
| 3823553.53  | 8.77942 (20032208) |            |            |             |
| 392715.10   | 3823544.26         | 8.74157    | (20032208) | 392693.04   |
| 3823534.98  | 8.64018 (20032208) |            |            |             |
| 392670.98   | 3823525.70         | 8.47724    | (20032208) | 392648.92   |
| 3823516.43  | 8.36662 (19122408) |            |            |             |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 392626.86  | 3823507.15         | 8.28443  | (19122408) | 392604.80 |
| 3823497.87 | 8.13010 (19122408) |          |            |           |
| 392582.74  | 3823488.60         | 7.90533  | (19122408) | 392560.68 |
| 3823479.32 | 7.61376 (19122408) |          |            |           |
| 392538.62  | 3823470.04         | 7.26109  | (19122408) | 392516.56 |
| 3823460.77 | 6.85488 (19122408) |          |            |           |
| 392494.50  | 3823451.49         | 7.01038  | (16022308) | 392472.44 |
| 3823442.22 | 7.11386 (16022308) |          |            |           |
| 392450.38  | 3823432.94         | 7.16106  | (16022308) | 392428.32 |
| 3823423.66 | 7.15004 (16022308) |          |            |           |
| 392406.26  | 3823414.39         | 7.08003  | (16022308) | 392384.20 |
| 3823405.11 | 6.95147 (16022308) |          |            |           |
| 392362.14  | 3823395.83         | 6.76614  | (16022308) | 392340.08 |
| 3823386.56 | 6.52717 (16022308) |          |            |           |
| 392318.02  | 3823377.28         | 6.23902  | (16022308) | 392295.96 |
| 3823368.00 | 5.90751 (16022308) |          |            |           |
| 392273.90  | 3823358.73         | 5.98968m | (20100708) | 392251.84 |
| 3823349.45 | 6.10975 (20032008) |          |            |           |
| 392229.78  | 3823340.17         | 6.24083  | (20032008) | 392207.72 |
| 3823330.90 | 6.33529 (20032008) |          |            |           |
| 392185.66  | 3823321.62         | 6.39553  | (20032008) | 392163.60 |
| 3823312.35 | 6.42523 (20032008) |          |            |           |
| 392141.54  | 3823303.07         | 6.42903  | (20032008) | 392119.48 |
| 3823293.79 | 6.41200 (20032008) |          |            |           |
| 392097.42  | 3823284.52         | 6.37913  | (20032008) | 392075.36 |
| 3823275.24 | 6.33480 (20032008) |          |            |           |
| 392053.30  | 3823265.96         | 6.28283  | (20032008) | 392031.24 |
| 3823256.69 | 6.22452 (20032008) |          |            |           |
| 392009.18  | 3823247.41         | 6.16076  | (20032008) | 391987.12 |
| 3823238.13 | 6.09064 (20032008) |          |            |           |
| 391965.06  | 3823228.86         | 6.01201  | (20032008) | 391943.00 |
| 3823219.58 | 5.92176 (20032008) |          |            |           |
| 391920.94  | 3823210.30         | 5.81632  | (20032008) | 391898.88 |
| 3823201.03 | 5.69215 (20032008) |          |            |           |
| 391876.82  | 3823191.75         | 5.54618  | (20032008) | 391854.76 |
| 3823182.48 | 5.47148 (18020308) |          |            |           |
| 391832.70  | 3823173.20         | 5.62314  | (20022708) | 391810.64 |
| 3823163.92 | 5.87200 (20022708) |          |            |           |
| 391788.58  | 3823154.65         | 6.05123  | (20022708) | 391766.52 |
| 3823145.37 | 6.15404 (20022708) |          |            |           |
| 391744.46  | 3823136.09         | 6.17642  | (20022708) | 391722.40 |
| 3823126.82 | 6.11755 (20022708) |          |            |           |
| 391700.34  | 3823117.54         | 5.97979  | (20022708) | 391678.28 |
| 3823108.26 | 5.76854 (20022708) |          |            |           |
| 391656.22  | 3823098.99         | 5.49192  | (20022708) | 391634.16 |
| 3823089.71 | 5.21218 (18032008) |          |            |           |
| 391612.10  | 3823080.43         | 5.36532  | (20011808) | 391590.04 |
| 3823071.16 | 5.66291 (20011808) |          |            |           |
| 391567.98  | 3823061.88         | 5.89885  | (20011808) | 391545.92 |
| 3823052.61 | 6.06428 (20011808) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391523.86  | 3823043.33 | 6.15301    | (20011808) | 391501.80 |
| 3823034.05 | 6.16164    | (20011808) |            |           |
| 391479.74  | 3823024.78 | 6.08995    | (20011808) | 391457.68 |
| 3823015.50 | 5.94081    | (20011808) |            |           |
| 391435.62  | 3823006.22 | 5.98773    | (19120108) | 391413.56 |
| 3822996.95 | 6.10949    | (19120108) |            |           |
| 391391.50  | 3822987.67 | 6.15286    | (19120108) | 391369.44 |
| 3822978.39 | 6.11623    | (19120108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 860

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 391347.38   | 3822969.12  | 6.00117    | (19120108) | 391325.32   |
| 3822959.84  | 5.81220     | (19120108) |            |             |
| 391303.26   | 3822950.56  | 5.87999    | (19120508) | 391281.20   |
| 3822941.29  | 5.95629     | (19120508) |            |             |
| 391259.14   | 3822932.01  | 5.95586    | (19120508) | 391237.08   |
| 3822922.74  | 5.87884     | (19120508) |            |             |
| 391215.02   | 3822913.46  | 5.87149    | (17031324) | 391192.96   |
| 3822904.18  | 6.04189     | (17031324) |            |             |
| 391170.90   | 3822894.91  | 6.14159    | (17031324) | 391148.84   |
| 3822885.63  | 6.69772     | (16121408) |            |             |
| 391126.78   | 3822876.35  | 7.26726    | (16121408) | 391104.72   |
| 3822867.08  | 7.79148     | (16121408) |            |             |
| 391082.66   | 3822857.80  | 8.25498    | (16121408) | 391060.60   |
| 3822848.52  | 8.64325     | (16121408) |            |             |
| 391038.54   | 3822839.25  | 8.94386    | (16121408) | 391016.48   |
| 3822829.97  | 9.14730     | (16121408) |            |             |
| 390994.42   | 3822820.69  | 9.24699    | (16121408) | 390972.36   |
| 3822811.42  | 9.23997     | (16121408) |            |             |
| 390950.30   | 3822802.14  | 9.12699    | (16121408) | 390928.24   |
| 3822792.86  | 8.91234     | (16121408) |            |             |



|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 390906.18  | 3822783.59          | 8.60373             | (16121408) | 390884.12 |
| 3822774.31 | 8.21160 (16121408)  |                     |            |           |
| 390862.06  | 3822765.04          | 7.74889             | (16121408) | 390840.00 |
| 3822755.76 | 7.22987 (16121408)  |                     |            |           |
| 390817.94  | 3822746.48          | 6.66992             | (16121408) | 390795.88 |
| 3822737.21 | 6.08463 (16121408)  |                     |            |           |
| 390773.82  | 3822727.93          | 5.99278             | (17091024) | 390751.76 |
| 3822718.65 | 5.96963c (20073108) |                     |            |           |
| 390729.70  | 3822709.38          | 6.06087c (20073108) |            | 390707.64 |
| 3822700.10 | 6.14285c (20073108) |                     |            |           |
| 390685.58  | 3822690.82          | 6.21316c (20073108) |            | 390663.52 |
| 3822681.55 | 6.26819c (20073108) |                     |            |           |
| 390641.46  | 3822672.27          | 6.30343c (20073108) |            | 390619.40 |
| 3822662.99 | 6.31372c (20073108) |                     |            |           |
| 390597.34  | 3822653.72          | 6.29383c (20073108) |            | 390575.28 |
| 3822644.44 | 6.23891c (20073108) |                     |            |           |
| 390553.22  | 3822635.17          | 6.14495c (20073108) |            | 390531.16 |
| 3822625.89 | 6.01323 (20111108)  |                     |            |           |
| 390509.10  | 3822616.61          | 5.95987 (20111108)  |            | 390487.04 |
| 3822607.34 | 5.83596 (20111108)  |                     |            |           |
| 390464.98  | 3822598.06          | 5.64612 (20111108)  |            | 390442.92 |
| 3822588.78 | 5.39721 (20111108)  |                     |            |           |
| 390420.86  | 3822579.51          | 5.09794 (20111108)  |            | 390398.80 |
| 3822570.23 | 5.52796 (18011724)  |                     |            |           |
| 390376.74  | 3822560.95          | 5.94250 (18011724)  |            | 390354.68 |
| 3822551.68 | 6.32510 (18011724)  |                     |            |           |
| 390332.62  | 3822542.40          | 6.66788 (18011724)  |            | 390310.56 |
| 3822533.12 | 6.96365 (18011724)  |                     |            |           |
| 390288.50  | 3822523.85          | 7.20656 (18011724)  |            | 390266.44 |
| 3822514.57 | 7.39248 (18011724)  |                     |            |           |
| 390244.38  | 3822505.30          | 7.51855 (18011724)  |            | 390222.32 |
| 3822496.02 | 7.58370 (18011724)  |                     |            |           |
| 390200.26  | 3822486.74          | 7.58823 (18011724)  |            | 390178.20 |
| 3822477.47 | 7.53385 (18011724)  |                     |            |           |
| 390156.14  | 3822468.19          | 7.42347 (18011724)  |            | 390134.08 |
| 3822458.91 | 7.26098 (18011724)  |                     |            |           |
| 390112.02  | 3822449.64          | 7.05108 (18011724)  |            | 390089.96 |
| 3822440.36 | 6.79892 (18011724)  |                     |            |           |
| 390067.90  | 3822431.08          | 6.51014 (18011724)  |            | 390045.84 |
| 3822421.81 | 6.19067 (18011724)  |                     |            |           |
| 390023.78  | 3822412.53          | 5.84625 (18011724)  |            | 390001.72 |
| 3822403.25 | 5.48283 (18011724)  |                     |            |           |
| 389979.66  | 3822393.98          | 5.10626 (18011724)  |            | 389957.60 |
| 3822384.70 | 4.72191 (18011724)  |                     |            |           |
| 389935.54  | 3822375.43          | 4.44619 (19082108)  |            | 389913.48 |
| 3822366.15 | 4.52663 (19082108)  |                     |            |           |
| 389891.42  | 3822356.87          | 4.56495 (19082108)  |            | 389869.36 |
| 3822347.60 | 4.75388 (19062708)  |                     |            |           |
| 389847.30  | 3822338.32          | 4.97265 (19062708)  |            | 389825.24 |
| 3822329.04 | 5.14398 (19062708)  |                     |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389185.50  | 3822060.03         | 5.06269 | (17010724) | 389163.44 |
| 3822050.75 | 5.25963 (17010724) |         |            |           |
| 389141.38  | 3822041.47         | 5.41224 | (17010724) | 389119.32 |
| 3822032.20 | 5.51500 (17010724) |         |            |           |
| 389087.86  | 3822000.92         | 5.57709 | (17010724) | 389078.45 |
| 3821978.91 | 5.53322 (17010724) |         |            |           |
| 389069.04  | 3821956.91         | 5.43478 | (17010724) | 389059.63 |
| 3821934.90 | 5.29932 (18111108) |         |            |           |
| 389050.23  | 3821912.90         | 5.56838 | (18111108) | 389040.82 |
| 3821890.89 | 5.80772 (18111108) |         |            |           |
| 389031.41  | 3821868.89         | 6.01306 | (18111108) | 389022.00 |
| 3821846.89 | 6.18119 (18111108) |         |            |           |
| 389012.60  | 3821824.88         | 6.30957 | (18111108) | 389003.19 |
| 3821802.88 | 6.39641 (18111108) |         |            |           |
| 388993.78  | 3821780.87         | 6.44077 | (18111108) | 388984.37 |
| 3821758.87 | 6.44244 (18111108) |         |            |           |
| 388974.97  | 3821736.86         | 6.40196 | (18111108) | 388965.56 |
| 3821714.86 | 6.32050 (18111108) |         |            |           |
| 388956.15  | 3821692.85         | 6.19981 | (18111108) | 388946.75 |
| 3821670.85 | 6.04232 (18111108) |         |            |           |
| 388937.34  | 3821648.85         | 5.85065 | (18111108) | 388927.93 |
| 3821626.84 | 5.62793 (18111108) |         |            |           |
| 388918.52  | 3821604.84         | 5.37783 | (18111108) | 388909.12 |
| 3821582.83 | 5.10407 (18111108) |         |            |           |
| 388899.71  | 3821560.83         | 4.85737 | (18070508) | 388890.30 |
| 3821538.82 | 4.82691 (19111224) |         |            |           |
| 388880.89  | 3821516.82         | 4.97042 | (19111224) | 388871.49 |
| 3821494.81 | 5.06318 (19111224) |         |            |           |
| 388862.08  | 3821472.81         | 5.10195 | (19111224) | 388852.67 |
| 3821450.80 | 5.08521 (19111224) |         |            |           |
| 388843.26  | 3821428.80         | 5.01326 | (19111224) | 388833.86 |
| 3821406.80 | 4.88824 (19111224) |         |            |           |
| 388824.45  | 3821384.79         | 4.71378 | (19111224) | 388815.04 |
| 3821362.79 | 4.49532 (19111224) |         |            |           |
| 388805.63  | 3821340.78         | 4.23927 | (19111224) | 388796.23 |
| 3821318.78 | 4.44578 (19112124) |         |            |           |
| 388786.82  | 3821296.77         | 4.67873 | (19112124) | 388777.41 |
| 3821274.77 | 4.98225 (20022908) |         |            |           |
| 388768.00  | 3821252.76         | 5.58540 | (20022908) | 388758.60 |
| 3821230.76 | 6.19734 (20022908) |         |            |           |
| 388749.19  | 3821208.76         | 6.80634 | (20022908) | 388739.78 |
| 3821186.75 | 7.39896 (20022908) |         |            |           |
| 388730.38  | 3821164.75         | 7.96041 | (20022908) | 388720.97 |
| 3821142.74 | 8.47690 (20022908) |         |            |           |
| 388711.56  | 3821120.74         | 8.93385 | (20022908) | 388702.15 |
| 3821098.73 | 9.31850 (20022908) |         |            |           |
| 388692.75  | 3821076.73         | 9.61906 | (20022908) | 388683.34 |
| 3821054.72 | 9.82658 (20022908) |         |            |           |
| 388673.93  | 3821032.72         | 9.93417 | (20022908) | 388664.52 |
| 3821010.72 | 9.93828 (20022908) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388655.12  | 3820988.71         | 9.83845 | (20022908) | 388645.71 |
| 3820966.71 | 9.63742 (20022908) |         |            |           |
| 388636.30  | 3820944.70         | 9.34097 | (20022908) | 388626.89 |
| 3820922.70 | 8.95800 (20022908) |         |            |           |
| 388617.49  | 3820900.69         | 8.49951 | (20022908) | 388608.08 |
| 3820878.69 | 7.97852 (20022908) |         |            |           |
| 388598.67  | 3820856.68         | 7.40905 | (20022908) | 388589.26 |
| 3820834.68 | 6.80635 (20022908) |         |            |           |
| 388579.86  | 3820812.68         | 6.18520 | (20022908) | 388570.45 |
| 3820790.67 | 5.79042 (16102124) |         |            |           |
| 388561.04  | 3820768.67         | 5.64844 | (16102124) | 388551.63 |
| 3820746.66 | 5.76720 (19112108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 862

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388542.23   | 3820724.66         | 5.88053    | (19112108) | 388532.82   |
| 3820702.65  | 5.92462 (19112108) |            |            |             |
| 388523.41   | 3820680.65         | 6.06479    | (19020208) | 388514.00   |
| 3820658.64  | 6.28181 (19020208) |            |            |             |
| 388504.60   | 3820636.64         | 6.44699    | (19020208) | 388495.19   |
| 3820614.64  | 6.55425 (19020208) |            |            |             |
| 388485.78   | 3820592.63         | 6.59905    | (19020208) | 388476.38   |
| 3820570.63  | 6.57882 (19020208) |            |            |             |
| 388466.97   | 3820548.62         | 6.49317    | (19020208) | 388457.56   |
| 3820526.62  | 6.34399 (19020208) |            |            |             |
| 388448.15   | 3820504.61         | 6.23723    | (18022808) | 388438.75   |
| 3820482.61  | 6.36695 (18022808) |            |            |             |
| 388429.34   | 3820460.60         | 6.42601    | (18022808) | 388419.93   |
| 3820438.60  | 6.25199 (18022808) |            |            |             |
| 388410.52   | 3820416.60         | 6.32419    | (18022808) | 388401.12   |
| 3820394.59  | 6.16612 (18022808) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388391.71  | 3820372.59          | 5.94279  | (18022808) | 388382.30 |
| 3820350.58 | 5.25019 (18022808)  |          |            |           |
| 388372.89  | 3820328.58          | 5.19902  | (19022324) | 388363.49 |
| 3820306.57 | 5.25931 (19122824)  |          |            |           |
| 388354.08  | 3820284.57          | 5.53507  | (19122824) | 388344.67 |
| 3820262.56 | 5.75320 (19122824)  |          |            |           |
| 388335.26  | 3820240.56          | 5.90560  | (19122824) | 388325.86 |
| 3820218.56 | 5.98666 (19122824)  |          |            |           |
| 388316.45  | 3820196.55          | 5.99321  | (19122824) | 388307.04 |
| 3820174.55 | 5.92484 (19122824)  |          |            |           |
| 388297.63  | 3820152.54          | 5.78390  | (19122824) | 388288.23 |
| 3820130.54 | 5.63127 (18120624)  |          |            |           |
| 388278.82  | 3820108.53          | 5.74895  | (18120624) | 388269.41 |
| 3820086.53 | 5.79540 (18120624)  |          |            |           |
| 388260.01  | 3820064.52          | 5.76880  | (18120624) | 388250.60 |
| 3820042.52 | 5.67003 (18120624)  |          |            |           |
| 388241.19  | 3820020.52          | 5.59208  | (20120624) | 388231.78 |
| 3819998.51 | 5.74828 (20120624)  |          |            |           |
| 388222.38  | 3819976.51          | 5.83419  | (20120624) | 388212.97 |
| 3819954.50 | 5.84655 (20120624)  |          |            |           |
| 388203.56  | 3819932.50          | 5.78477  | (20120624) | 388194.15 |
| 3819910.49 | 5.65145 (19010824)  |          |            |           |
| 388184.75  | 3819888.49          | 5.84831  | (19010824) | 388175.34 |
| 3819866.48 | 6.27108 (16102924)  |          |            |           |
| 388165.93  | 3819844.48          | 6.93966  | (16102924) | 388156.52 |
| 3819822.47 | 7.59038 (16102924)  |          |            |           |
| 388147.12  | 3819800.47          | 8.20523  | (16102924) | 388137.71 |
| 3819778.47 | 8.76703 (16102924)  |          |            |           |
| 388128.30  | 3819756.46          | 9.25884  | (16102924) | 388118.89 |
| 3819734.46 | 9.66474 (16102924)  |          |            |           |
| 388109.49  | 3819712.45          | 9.97170  | (16102924) | 388100.08 |
| 3819690.45 | 10.16927 (16102924) |          |            |           |
| 388090.67  | 3819668.44          | 10.25080 | (16102924) | 388081.26 |
| 3819646.44 | 10.21341 (16102924) |          |            |           |
| 388071.86  | 3819624.43          | 10.05841 | (16102924) | 388062.45 |
| 3819602.43 | 9.79113 (16102924)  |          |            |           |
| 388053.04  | 3819580.43          | 9.42057  | (16102924) | 388043.64 |
| 3819558.42 | 8.95890 (16102924)  |          |            |           |
| 388034.23  | 3819536.42          | 8.42105  | (16102924) | 388024.82 |
| 3819514.41 | 7.82329 (16102924)  |          |            |           |
| 388015.41  | 3819492.41          | 7.18356  | (16102924) | 388006.01 |
| 3819470.40 | 6.51912 (16102924)  |          |            |           |
| 387996.60  | 3819448.40          | 5.84711  | (16102924) | 387987.19 |
| 3819426.39 | 5.18273 (16102924)  |          |            |           |
| 387977.78  | 3819404.39          | 4.78813  | (17031024) | 387968.38 |
| 3819382.39 | 4.83975 (17090908)  |          |            |           |
| 387958.97  | 3819360.38          | 4.87982  | (17090908) | 387949.56 |
| 3819338.38 | 4.85702 (17090908)  |          |            |           |
| 387940.15  | 3819316.37          | 4.77224  | (17090908) | 387930.75 |
| 3819294.37 | 4.93891 (18121624)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387921.34  | 3819272.36         | 5.07612 | (18121624) | 387911.93 |
| 3819250.36 | 5.15009 (18121624) |         |            |           |
| 387902.52  | 3819228.35         | 5.15807 | (18121624) | 387893.12 |
| 3819206.35 | 5.41157 (16122224) |         |            |           |
| 387883.71  | 3819184.35         | 5.66946 | (16122224) | 387874.30 |
| 3819162.34 | 5.86347 (16122224) |         |            |           |
| 387864.89  | 3819140.34         | 5.98624 | (16122224) | 387855.49 |
| 3819118.33 | 6.03325 (16122224) |         |            |           |
| 387846.08  | 3819096.33         | 6.00271 | (16122224) | 387836.67 |
| 3819074.32 | 5.89581 (16122224) |         |            |           |
| 387827.26  | 3819052.32         | 5.71676 | (16122224) | 387817.86 |
| 3819030.31 | 5.70956 (18121524) |         |            |           |
| 387808.45  | 3819008.31         | 5.79090 | (18121524) | 387799.04 |
| 3818986.31 | 5.79834 (18121524) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 863

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387789.64   | 3818964.30         | 5.73164    | (18121524) | 387780.23   |
| 3818942.30  | 5.65081 (17013024) |            |            |             |
| 387770.82   | 3818920.29         | 5.84280    | (17013024) | 387761.41   |
| 3818898.29  | 5.96416 (17013024) |            |            |             |
| 387752.01   | 3818876.28         | 6.01049    | (17013024) | 387742.60   |
| 3818854.28  | 5.98008 (17013024) |            |            |             |
| 387733.19   | 3818832.27         | 5.87415    | (17013024) | 387723.78   |
| 3818810.27  | 5.74056 (18102824) |            |            |             |
| 387714.38   | 3818788.27         | 5.89810    | (18102824) | 387704.97   |
| 3818766.26  | 5.98311 (18102824) |            |            |             |
| 387695.56   | 3818744.26         | 5.99239    | (18102824) | 387686.15   |
| 3818722.25  | 5.92275 (18102824) |            |            |             |
| 387676.75   | 3818700.25         | 5.55393    | (18102824) | 387667.34   |
| 3818678.24  | 5.11430 (18102824) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387657.93  | 3818656.24         | 4.64476 | (18102824) | 387648.52 |
| 3818634.23 | 4.18051 (20011508) |         |            |           |
| 387639.12  | 3818612.23         | 3.98645 | (20011508) | 387629.71 |
| 3818590.23 | 3.74925 (20011508) |         |            |           |
| 387620.30  | 3818568.22         | 3.62979 | (17111124) | 387610.89 |
| 3818546.22 | 3.64391 (18031108) |         |            |           |
| 387601.49  | 3818524.21         | 3.76058 | (18031108) | 387592.08 |
| 3818502.21 | 3.85420 (18031108) |         |            |           |
| 387582.67  | 3818480.20         | 3.92573 | (18031108) | 387573.27 |
| 3818458.20 | 3.96369 (18031108) |         |            |           |
| 387563.86  | 3818436.19         | 3.96438 | (18031108) | 387554.45 |
| 3818414.19 | 3.93555 (18031108) |         |            |           |
| 387545.04  | 3818392.19         | 3.86639 | (18031108) | 387535.64 |
| 3818370.18 | 3.76368 (18031108) |         |            |           |
| 387526.23  | 3818348.18         | 3.64329 | (18031108) | 387516.82 |
| 3818326.17 | 3.50686 (18031108) |         |            |           |
| 387507.41  | 3818304.17         | 3.31549 | (18031108) | 387498.01 |
| 3818282.16 | 3.17487 (18031108) |         |            |           |
| 387488.60  | 3818260.16         | 3.08844 | (18031108) | 387479.19 |
| 3818238.15 | 3.04011 (18031108) |         |            |           |
| 387469.78  | 3818216.15         | 2.95754 | (18031108) | 387460.38 |
| 3818194.14 | 2.88218 (18031108) |         |            |           |
| 387450.97  | 3818172.14         | 2.79973 | (18031108) | 387441.56 |
| 3818150.14 | 2.70833 (18031108) |         |            |           |
| 387432.15  | 3818128.13         | 2.57062 | (17030408) | 387422.75 |
| 3818106.13 | 2.43189 (17030408) |         |            |           |
| 387413.34  | 3818084.12         | 2.35513 | (17030408) | 387403.93 |
| 3818062.12 | 2.32431 (17030408) |         |            |           |
| 387394.52  | 3818040.11         | 2.34701 | (17030408) | 387385.12 |
| 3818018.11 | 2.44072 (17030408) |         |            |           |
| 387375.71  | 3817996.10         | 2.61972 | (17030408) | 387366.30 |
| 3817974.10 | 2.73958 (17030408) |         |            |           |
| 387356.90  | 3817952.10         | 2.80224 | (17030408) | 387347.49 |
| 3817930.09 | 2.88109 (17030408) |         |            |           |
| 387338.08  | 3817908.09         | 2.92027 | (17030408) | 387328.67 |
| 3817886.08 | 2.89540 (17030408) |         |            |           |
| 387319.27  | 3817864.08         | 2.82142 | (17011708) | 387309.86 |
| 3817842.07 | 3.05330 (17011708) |         |            |           |
| 387300.45  | 3817820.07         | 3.21982 | (17011708) | 387291.04 |
| 3817798.06 | 3.35422 (17011708) |         |            |           |
| 387281.64  | 3817776.06         | 3.52098 | (17011708) | 387272.23 |
| 3817754.06 | 3.58425 (17011708) |         |            |           |
| 387262.82  | 3817732.05         | 3.59123 | (17011708) | 387253.41 |
| 3817710.05 | 3.53149 (17011708) |         |            |           |
| 387244.01  | 3817688.04         | 3.44170 | (17011708) | 387234.60 |
| 3817666.04 | 3.31670 (18030608) |         |            |           |
| 387225.19  | 3817644.03         | 3.34092 | (18030608) | 387215.78 |
| 3817622.03 | 3.34722 (18030608) |         |            |           |
| 387206.38  | 3817600.02         | 3.36329 | (18030608) | 387196.97 |
| 3817578.02 | 3.32120 (18030608) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387187.56  | 3817556.02 | 3.40616    | (17030224) | 387178.15 |
| 3817534.01 | 3.55647    | (17030224) |            |           |
| 387168.75  | 3817512.01 | 3.47372    | (17030224) | 387159.34 |
| 3817490.00 | 3.31160m   | (19011124) |            |           |
| 387149.93  | 3817468.00 | 3.44942m   | (19011124) | 387140.52 |
| 3817445.99 | 3.76302m   | (19011124) |            |           |
| 387131.12  | 3817423.99 | 4.10322m   | (19011124) | 387121.71 |
| 3817401.98 | 4.44587m   | (19011124) |            |           |
| 387112.30  | 3817379.98 | 4.78145m   | (19011124) | 387102.90 |
| 3817357.98 | 5.00893m   | (19011124) |            |           |
| 387093.49  | 3817335.97 | 5.20160m   | (19011124) | 387084.08 |
| 3817313.97 | 5.37096m   | (19011124) |            |           |
| 387074.67  | 3817291.96 | 5.54179m   | (19011124) | 387065.27 |
| 3817269.96 | 5.63825m   | (19011124) |            |           |
| 387055.86  | 3817247.95 | 5.45741m   | (19011124) | 387046.45 |
| 3817225.95 | 5.09604m   | (19011124) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 864

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387037.04   | 3817203.94  | 5.13413    | (19120324) | 387027.64   |
| 3817181.94  | 5.19216     | (19120324) |            |             |
| 387018.23   | 3817159.94  | 5.20411    | (19120324) | 387008.82   |
| 3817137.93  | 5.09506     | (18111708) |            |             |
| 386999.41   | 3817115.93  | 5.35119    | (18111708) | 386990.01   |
| 3817093.92  | 5.70210     | (18111708) |            |             |
| 386980.60   | 3817071.92  | 6.37348    | (18111708) | 386971.19   |
| 3817049.91  | 7.25932     | (18111708) |            |             |
| 386961.78   | 3817027.91  | 7.92532    | (18111708) | 386952.38   |
| 3817005.90  | 8.24387     | (18111708) |            |             |
| 386942.97   | 3816983.90  | 7.96792    | (18111708) | 386933.56   |
| 3816961.90  | 7.51500     | (18111708) |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386924.15  | 3816939.89         | 6.98374 | (18111708) | 386914.75 |
| 3816917.89 | 6.48808 (18111708) |         |            |           |
| 386905.34  | 3816895.88         | 6.10164 | (18111708) | 386895.93 |
| 3816873.88 | 5.75822 (18111708) |         |            |           |
| 386886.53  | 3816851.87         | 5.50809 | (18111708) | 386877.12 |
| 3816829.87 | 5.17281 (18111708) |         |            |           |
| 386867.71  | 3816807.86         | 5.13990 | (18111708) | 386858.30 |
| 3816785.86 | 5.32298 (18111708) |         |            |           |
| 386848.90  | 3816763.85         | 5.51619 | (18111708) | 386839.49 |
| 3816741.85 | 5.75781 (18111708) |         |            |           |
| 386830.08  | 3816719.85         | 5.87505 | (18111708) | 386820.67 |
| 3816697.84 | 5.79283 (18111708) |         |            |           |
| 386811.27  | 3816675.84         | 5.33838 | (18111708) | 386801.86 |
| 3816653.83 | 4.89188 (19120224) |         |            |           |
| 386792.45  | 3816631.83         | 4.44307 | (19120224) | 394524.02 |
| 3824304.92 | 2.89053 (19010308) |         |            |           |
| 394547.95  | 3824305.25         | 2.82497 | (19010308) | 394571.88 |
| 3824305.58 | 2.73591 (19010308) |         |            |           |
| 394595.81  | 3824305.91         | 2.62471 | (19010308) | 394619.75 |
| 3824306.23 | 2.48159 (19010308) |         |            |           |
| 394643.68  | 3824306.56         | 2.42296 | (18022608) | 394667.61 |
| 3824306.89 | 2.43938 (18022608) |         |            |           |
| 394691.54  | 3824307.22         | 2.44003 | (18022608) | 394715.47 |
| 3824307.55 | 2.43215 (18022608) |         |            |           |
| 394739.40  | 3824307.87         | 2.41144 | (18022608) | 394763.33 |
| 3824308.20 | 2.36317 (18022608) |         |            |           |
| 394787.26  | 3824308.53         | 2.29267 | (18022608) | 394811.19 |
| 3824308.86 | 2.20977 (18022608) |         |            |           |
| 394835.13  | 3824309.18         | 2.11780 | (18022608) | 394859.06 |
| 3824309.51 | 2.01908 (18022608) |         |            |           |
| 394882.99  | 3824309.84         | 1.91958 | (18022608) | 394906.92 |
| 3824310.17 | 1.81277 (18022608) |         |            |           |
| 394930.85  | 3824310.50         | 1.70519 | (18022608) | 394954.78 |
| 3824310.82 | 1.61887 (19102024) |         |            |           |
| 394483.72  | 3825628.86         | 0.96813 | (20071608) | 394461.67 |
| 3825619.59 | 0.96943 (20071608) |         |            |           |
| 394439.63  | 3825610.32         | 0.96690 | (20071608) | 394417.59 |
| 3825601.05 | 0.97382 (20071608) |         |            |           |
| 394395.54  | 3825591.78         | 0.98948 | (20071608) | 394373.50 |
| 3825582.52 | 1.01454 (20050508) |         |            |           |
| 394351.46  | 3825573.25         | 1.03273 | (20050508) | 394329.41 |
| 3825563.98 | 1.04086 (20050508) |         |            |           |
| 394307.37  | 3825554.71         | 1.05378 | (16092808) | 394285.33 |
| 3825545.44 | 1.11531 (16092808) |         |            |           |
| 394263.28  | 3825536.17         | 1.18343 | (16092808) | 394241.24 |
| 3825526.90 | 1.32437 (16092808) |         |            |           |
| 394219.20  | 3825517.63         | 1.55946 | (16092808) | 394197.15 |
| 3825508.36 | 1.63211 (16092808) |         |            |           |
| 394175.11  | 3825499.09         | 1.63241 | (16092808) | 394153.07 |
| 3825489.82 | 1.61749 (16092808) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394131.02  | 3825480.55 | 1.60153    | (16092808) | 394108.98 |
| 3825471.28 | 1.61622    | (16092808) |            |           |
| 394086.94  | 3825462.01 | 1.66776    | (16092808) | 394064.89 |
| 3825452.74 | 1.73251    | (16092808) |            |           |
| 394042.85  | 3825443.47 | 1.76362    | (16092808) | 394020.81 |
| 3825434.20 | 1.73614    | (16092808) |            |           |
| 393998.76  | 3825424.93 | 1.69935    | (16092808) | 393976.72 |
| 3825415.67 | 1.68742    | (16092808) |            |           |
| 393954.68  | 3825406.40 | 1.65764    | (16092808) | 393932.63 |
| 3825397.13 | 1.59747    | (16092808) |            |           |
| 393910.59  | 3825387.86 | 1.52474    | (16092808) | 393888.54 |
| 3825378.59 | 1.51115    | (20042508) |            |           |
| 393866.50  | 3825369.32 | 1.51317    | (20042508) | 393844.46 |
| 3825360.05 | 1.51421    | (20042508) |            |           |
| 393822.41  | 3825350.78 | 1.51021    | (20042508) | 393800.37 |
| 3825341.51 | 1.52092    | (19121308) |            |           |
| 393778.33  | 3825332.24 | 1.58794    | (19121308) | 393756.28 |
| 3825322.97 | 1.64799    | (19121308) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 865

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393734.24   | 3825313.70  | 1.65186    | (19121308) | 393712.20   |
| 3825304.43  | 1.63664     | (19121308) |            |             |
| 393690.15   | 3825295.16  | 1.65027    | (19121308) | 393668.11   |
| 3825285.89  | 1.65359     | (19121308) |            |             |
| 393646.07   | 3825276.62  | 1.62341    | (19121308) | 393624.02   |
| 3825267.35  | 1.62833     | (19121308) |            |             |
| 393601.98   | 3825258.08  | 1.70135    | (19092024) | 393579.94   |
| 3825248.81  | 1.80820     | (19092024) |            |             |
| 393557.89   | 3825239.55  | 1.86973    | (19092024) | 393535.85   |
| 3825230.28  | 1.87434     | (19092024) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393513.81  | 3825221.01         | 1.84527 | (19092024) | 393491.76 |
| 3825211.74 | 1.80107 (19092024) |         |            |           |
| 393469.72  | 3825202.47         | 1.72530 | (19092024) | 393447.68 |
| 3825193.20 | 1.64605 (19092024) |         |            |           |
| 393425.63  | 3825183.93         | 1.74744 | (16082908) | 393403.59 |
| 3825174.66 | 1.85802 (16082908) |         |            |           |
| 393381.55  | 3825165.39         | 1.92264 | (16082908) | 393359.50 |
| 3825156.12 | 1.94483 (16082908) |         |            |           |
| 393337.46  | 3825146.85         | 1.93615 | (16082908) | 393315.42 |
| 3825137.58 | 1.90080 (16082908) |         |            |           |
| 393293.37  | 3825128.31         | 1.85833 | (16082908) | 393271.33 |
| 3825119.04 | 1.78868 (16082908) |         |            |           |
| 393249.29  | 3825109.77         | 1.87137 | (16102908) | 393227.24 |
| 3825100.50 | 1.96809 (16102908) |         |            |           |
| 393205.20  | 3825091.23         | 2.05782 | (16102908) | 393183.16 |
| 3825081.96 | 2.16585 (16102908) |         |            |           |
| 393161.11  | 3825072.70         | 2.25146 | (16102908) | 393139.07 |
| 3825063.43 | 2.35259 (16102908) |         |            |           |
| 393117.03  | 3825054.16         | 2.54319 | (16102908) | 393094.98 |
| 3825044.89 | 2.62176 (16102908) |         |            |           |
| 393072.94  | 3825035.62         | 2.63048 | (16102908) | 393050.90 |
| 3825026.35 | 2.61969 (16102908) |         |            |           |
| 393028.85  | 3825017.08         | 2.61469 | (16102908) | 393006.81 |
| 3825007.81 | 2.61139 (16102908) |         |            |           |
| 392984.77  | 3824998.54         | 2.60157 | (16102908) | 392962.72 |
| 3824989.27 | 2.53728 (16102908) |         |            |           |
| 392940.68  | 3824980.00         | 2.43390 | (17021124) | 392918.64 |
| 3824970.73 | 2.49042 (17021124) |         |            |           |
| 392896.59  | 3824961.46         | 2.56105 | (17021124) | 392874.55 |
| 3824952.19 | 2.70202 (17021124) |         |            |           |
| 392852.51  | 3824942.92         | 2.84834 | (17021124) | 392830.46 |
| 3824933.65 | 2.90475 (17021124) |         |            |           |
| 392808.42  | 3824924.38         | 3.04107 | (17021124) | 392786.37 |
| 3824915.11 | 3.14528 (17021124) |         |            |           |
| 392764.33  | 3824905.84         | 3.23135 | (19112124) | 392742.29 |
| 3824896.58 | 3.27034 (19112124) |         |            |           |
| 392720.24  | 3824887.31         | 3.32977 | (19112124) | 392698.20 |
| 3824878.04 | 3.36389 (19112124) |         |            |           |
| 392676.16  | 3824868.77         | 3.38869 | (19112124) | 392654.11 |
| 3824859.50 | 3.59362 (20032208) |         |            |           |
| 392632.07  | 3824850.23         | 3.86239 | (20032208) | 392610.03 |
| 3824840.96 | 4.08690 (20032208) |         |            |           |
| 392587.98  | 3824831.69         | 4.28330 | (20032208) | 392565.94 |
| 3824822.42 | 4.46328 (20032208) |         |            |           |
| 392543.90  | 3824813.15         | 4.66201 | (20032208) | 392521.85 |
| 3824803.88 | 4.89057 (20032208) |         |            |           |
| 392499.81  | 3824794.61         | 5.07361 | (20032208) | 392477.77 |
| 3824785.34 | 5.18371 (20032208) |         |            |           |
| 392455.72  | 3824776.07         | 5.29320 | (20032208) | 392433.68 |
| 3824766.80 | 5.44537 (20032208) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392411.64  | 3824757.53         | 5.66859 | (20032208) | 392389.59 |
| 3824748.26 | 5.79443 (20032208) |         |            |           |
| 392367.55  | 3824738.99         | 5.82419 | (20032208) | 392345.51 |
| 3824729.73 | 5.87107 (20032208) |         |            |           |
| 392323.46  | 3824720.46         | 5.90879 | (20032208) | 392301.42 |
| 3824711.19 | 5.83276 (20032208) |         |            |           |
| 392279.38  | 3824701.92         | 5.71582 | (20032208) | 392257.33 |
| 3824692.65 | 5.62504 (19122408) |         |            |           |
| 392235.29  | 3824683.38         | 5.65522 | (19122408) | 392213.25 |
| 3824674.11 | 5.77930 (19122408) |         |            |           |
| 392191.20  | 3824664.84         | 5.95993 | (19122408) | 392169.16 |
| 3824655.57 | 6.07708 (19122408) |         |            |           |
| 392147.12  | 3824646.30         | 5.94819 | (19122408) | 392125.07 |
| 3824637.03 | 5.65945 (19122408) |         |            |           |
| 392103.03  | 3824627.76         | 5.70895 | (16022308) | 392080.99 |
| 3824618.49 | 5.79690 (16022308) |         |            |           |
| 392058.94  | 3824609.22         | 5.85128 | (16022308) | 392036.90 |
| 3824599.95 | 5.87075 (16022308) |         |            |           |
| 392014.86  | 3824590.68         | 5.85451 | (16022308) | 391992.81 |
| 3824581.41 | 5.80216 (16022308) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 866

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 391970.77   | 3824572.14         | 5.71399    | (16022308) | 391948.73   |
| 3824562.87  | 5.59077 (16022308) |            |            |             |
| 391926.68   | 3824553.61         | 5.43389    | (16022308) | 391904.64   |
| 3824544.34  | 5.24551 (16022308) |            |            |             |
| 391882.60   | 3824535.07         | 5.02830    | (16022308) | 391860.55   |
| 3824525.80  | 4.78729 (20122124) |            |            |             |
| 391838.51   | 3824516.53         | 4.93472    | (20122124) | 391816.47   |
| 3824507.26  | 5.03601 (20122124) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391794.42  | 3824497.99         | 5.08815 | (20122124) | 391772.38 |
| 3824488.72 | 5.13496 (20032008) |         |            |           |
| 391750.34  | 3824479.45         | 5.18514 | (20032008) | 391728.29 |
| 3824470.18 | 5.21489 (20032008) |         |            |           |
| 391706.25  | 3824460.91         | 5.22657 | (20032008) | 391684.20 |
| 3824451.64 | 5.22234 (20032008) |         |            |           |
| 391662.16  | 3824442.37         | 5.20567 | (20032008) | 391640.12 |
| 3824433.10 | 5.18082 (20032008) |         |            |           |
| 391618.07  | 3824423.83         | 5.15014 | (20032008) | 391596.03 |
| 3824414.56 | 5.11381 (20032008) |         |            |           |
| 391573.99  | 3824405.29         | 5.07442 | (20032008) | 391551.94 |
| 3824396.02 | 5.03324 (20032008) |         |            |           |
| 391529.90  | 3824386.76         | 4.98972 | (20032008) | 391507.86 |
| 3824377.49 | 4.94349 (20032008) |         |            |           |
| 391485.81  | 3824368.22         | 4.89320 | (20032008) | 391463.77 |
| 3824358.95 | 4.83712 (20032008) |         |            |           |
| 391441.73  | 3824349.68         | 4.77309 | (20032008) | 391419.68 |
| 3824340.41 | 4.69887 (20032008) |         |            |           |
| 391397.64  | 3824331.14         | 4.61243 | (20032008) | 391375.60 |
| 3824321.87 | 4.51197 (20032008) |         |            |           |
| 391353.55  | 3824312.60         | 4.45851 | (18020308) | 391331.51 |
| 3824303.33 | 4.55943 (20022708) |         |            |           |
| 391309.47  | 3824294.06         | 4.75821 | (20022708) | 391287.42 |
| 3824284.79 | 4.91612 (20022708) |         |            |           |
| 391265.38  | 3824275.52         | 5.02849 | (20022708) | 391243.34 |
| 3824266.25 | 5.09212 (20022708) |         |            |           |
| 391221.29  | 3824256.98         | 5.10512 | (20022708) | 391199.25 |
| 3824247.71 | 5.06714 (20022708) |         |            |           |
| 391177.21  | 3824238.44         | 4.97935 | (20022708) | 391155.16 |
| 3824229.17 | 4.84431 (20022708) |         |            |           |
| 391133.12  | 3824219.90         | 4.66608 | (20022708) | 391111.08 |
| 3824210.64 | 4.44976 (20022708) |         |            |           |
| 391089.03  | 3824201.37         | 4.29537 | (18032008) | 391066.99 |
| 3824192.10 | 4.40724 (20011808) |         |            |           |
| 391044.95  | 3824182.83         | 4.62809 | (20011808) | 391022.90 |
| 3824173.56 | 4.81175 (20011808) |         |            |           |
| 391000.86  | 3824164.29         | 4.95294 | (20011808) | 390978.82 |
| 3824155.02 | 5.04770 (20011808) |         |            |           |
| 390956.77  | 3824145.75         | 5.09329 | (20011808) | 390934.73 |
| 3824136.48 | 5.08841 (20011808) |         |            |           |
| 390912.69  | 3824127.21         | 5.03326 | (20011808) | 390890.64 |
| 3824117.94 | 4.92948 (20011808) |         |            |           |
| 390868.60  | 3824108.67         | 4.89844 | (19120108) | 390846.56 |
| 3824099.40 | 5.00886 (19120108) |         |            |           |
| 390824.51  | 3824090.13         | 5.07126 | (19120108) | 390802.47 |
| 3824080.86 | 5.08383 (19120108) |         |            |           |
| 390780.43  | 3824071.59         | 5.04629 | (19120108) | 390758.38 |
| 3824062.32 | 4.95977 (19120108) |         |            |           |
| 390736.34  | 3824053.05         | 4.82692 | (19120108) | 390714.30 |
| 3824043.79 | 4.82260 (19120508) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390692.25  | 3824034.52         | 4.89998 | (19120508) | 390670.21 |
| 3824025.25 | 4.92981 (19120508) |         |            |           |
| 390648.17  | 3824015.98         | 4.91131 | (19120508) | 390626.12 |
| 3824006.71 | 4.84507 (19120508) |         |            |           |
| 390604.08  | 3823997.44         | 4.82989 | (17031324) | 390582.03 |
| 3823988.17 | 4.96114 (17031324) |         |            |           |
| 390559.99  | 3823978.90         | 5.04873 | (17031324) | 390537.95 |
| 3823969.63 | 5.23588 (16121408) |         |            |           |
| 390515.90  | 3823960.36         | 5.65932 | (16121408) | 390493.86 |
| 3823951.09 | 6.06159 (16121408) |         |            |           |
| 390471.82  | 3823941.82         | 6.43411 | (16121408) | 390449.77 |
| 3823932.55 | 6.76853 (16121408) |         |            |           |
| 390427.73  | 3823923.28         | 7.05679 | (16121408) | 390405.69 |
| 3823914.01 | 7.29208 (16121408) |         |            |           |
| 390383.64  | 3823904.74         | 7.46875 | (16121408) | 390361.60 |
| 3823895.47 | 7.58237 (16121408) |         |            |           |
| 390339.56  | 3823886.20         | 7.63034 | (16121408) | 390317.51 |
| 3823876.93 | 7.61164 (16121408) |         |            |           |
| 390295.47  | 3823867.67         | 7.52705 | (16121408) | 390273.43 |
| 3823858.40 | 7.37901 (16121408) |         |            |           |
| 390251.38  | 3823849.13         | 7.17144 | (16121408) | 390229.34 |
| 3823839.86 | 6.90989 (16121408) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 867

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390207.30   | 3823830.59         | 6.60089    | (16121408) | 390185.25   |
| 3823821.32  | 6.25175 (16121408) |            |            |             |
| 390163.21   | 3823812.05         | 5.87081    | (16121408) | 390141.17   |
| 3823802.78  | 5.46629 (16121408) |            |            |             |
| 390119.12   | 3823793.51         | 5.04642    | (16121408) | 390097.08   |
| 3823784.24  | 4.93769 (17091024) |            |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 390075.04  | 3823774.97          | 4.90179             | (17091024) | 390052.99 |
| 3823765.70 | 4.87818c (20073108) |                     |            |           |
| 390030.95  | 3823756.43          | 4.94144c (20073108) |            | 390008.91 |
| 3823747.16 | 5.00012c (20073108) |                     |            |           |
| 389986.86  | 3823737.89          | 5.05281c (20073108) |            | 389964.82 |
| 3823728.62 | 5.09744c (20073108) |                     |            |           |
| 389942.78  | 3823719.35          | 5.13147c (20073108) |            | 389920.73 |
| 3823710.08 | 5.15203c (20073108) |                     |            |           |
| 389898.69  | 3823700.82          | 5.15603c (20073108) |            | 389876.65 |
| 3823691.55 | 5.14051c (20073108) |                     |            |           |
| 389854.60  | 3823682.28          | 5.10269c (20073108) |            | 389832.56 |
| 3823673.01 | 5.04036c (20073108) |                     |            |           |
| 389810.52  | 3823663.74          | 4.97064 (20111108)  |            | 389788.47 |
| 3823654.47 | 4.94638 (20111108)  |                     |            |           |
| 389766.43  | 3823645.20          | 4.87722 (20111108)  |            | 389744.39 |
| 3823635.93 | 4.76517 (20111108)  |                     |            |           |
| 389722.34  | 3823626.66          | 4.61332 (20111108)  |            | 389700.30 |
| 3823617.39 | 4.42587 (20111108)  |                     |            |           |
| 389678.26  | 3823608.12          | 4.20767 (20111108)  |            | 389656.21 |
| 3823598.85 | 4.43926 (18011724)  |                     |            |           |
| 389634.17  | 3823589.58          | 4.74174 (18011724)  |            | 389612.13 |
| 3823580.31 | 5.02659 (18011724)  |                     |            |           |
| 389590.08  | 3823571.04          | 5.28930 (18011724)  |            | 389568.04 |
| 3823561.77 | 5.52555 (18011724)  |                     |            |           |
| 389545.99  | 3823552.50          | 5.73186 (18011724)  |            | 389523.95 |
| 3823543.23 | 5.90514 (18011724)  |                     |            |           |
| 389501.91  | 3823533.96          | 6.04318 (18011724)  |            | 389479.86 |
| 3823524.70 | 6.14447 (18011724)  |                     |            |           |
| 389457.82  | 3823515.43          | 6.20821 (18011724)  |            | 389435.78 |
| 3823506.16 | 6.23436 (18011724)  |                     |            |           |
| 389413.73  | 3823496.89          | 6.22349 (18011724)  |            | 389391.69 |
| 3823487.62 | 6.17684 (18011724)  |                     |            |           |
| 389369.65  | 3823478.35          | 6.09611 (18011724)  |            | 389347.60 |
| 3823469.08 | 5.98343 (18011724)  |                     |            |           |
| 389325.56  | 3823459.81          | 5.84136 (18011724)  |            | 389303.52 |
| 3823450.54 | 5.67261 (18011724)  |                     |            |           |
| 389281.47  | 3823441.27          | 5.48004 (18011724)  |            | 389259.43 |
| 3823432.00 | 5.26682 (18011724)  |                     |            |           |
| 389237.39  | 3823422.73          | 5.03597 (18011724)  |            | 389215.34 |
| 3823413.46 | 4.79050 (18011724)  |                     |            |           |
| 389193.30  | 3823404.19          | 4.53364 (18011724)  |            | 389171.26 |
| 3823394.92 | 4.26832 (18011724)  |                     |            |           |
| 389149.21  | 3823385.65          | 3.99734 (18011724)  |            | 389127.17 |
| 3823376.38 | 3.72372 (18011724)  |                     |            |           |
| 389105.13  | 3823367.11          | 3.67443 (19082108)  |            | 389083.08 |
| 3823357.85 | 3.72843 (19082108)  |                     |            |           |
| 389061.04  | 3823348.58          | 3.75611 (19082108)  |            | 389039.00 |
| 3823339.31 | 3.86231 (19062708)  |                     |            |           |
| 389016.95  | 3823330.04          | 4.03159 (19062708)  |            | 388994.91 |
| 3823320.77 | 4.17282 (19062708)  |                     |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388972.87  | 3823311.50 | 4.28283    | (19062708) | 388950.82 |
| 3823302.23 | 4.35910    | (19062708) |            |           |
| 388928.78  | 3823292.96 | 4.39985    | (19062708) | 388906.74 |
| 3823283.69 | 4.40427    | (19062708) |            |           |
| 388884.69  | 3823274.42 | 4.37239    | (19062708) | 388862.65 |
| 3823265.15 | 4.30517    | (19062708) |            |           |
| 388840.61  | 3823255.88 | 4.20440    | (19062708) | 388818.56 |
| 3823246.61 | 4.07257    | (19062708) |            |           |
| 388796.52  | 3823237.34 | 3.91301    | (19062708) | 388774.48 |
| 3823228.07 | 3.72942    | (19062708) |            |           |
| 388752.43  | 3823218.80 | 3.67481c   | (19090108) | 388730.39 |
| 3823209.53 | 3.64946c   | (19090108) |            |           |
| 388708.35  | 3823200.26 | 3.73894    | (20010724) | 388686.30 |
| 3823190.99 | 3.86827    | (20010724) |            |           |
| 388664.26  | 3823181.73 | 3.96990    | (20010724) | 388642.22 |
| 3823172.46 | 4.04173    | (20010724) |            |           |
| 388620.17  | 3823163.19 | 4.08218    | (20010724) | 388598.13 |
| 3823153.92 | 4.09042    | (20010724) |            |           |
| 388576.09  | 3823144.65 | 4.06643    | (20010724) | 388554.04 |
| 3823135.38 | 4.18649    | (19120508) |            |           |
| 388532.00  | 3823126.11 | 4.31138    | (19120508) | 388509.96 |
| 3823116.84 | 4.41058    | (19120508) |            |           |
| 388487.91  | 3823107.57 | 4.48217    | (19120508) | 388465.87 |
| 3823098.30 | 4.52472    | (19120508) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 868

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388443.82   | 3823089.03  | 4.53748    | (19120508) | 388421.78   |
| 3823079.76  | 4.52031     | (19120508) |            |             |
| 388399.74   | 3823070.49  | 4.47372    | (19120508) | 388377.69   |
| 3823061.22  | 4.39881     | (19120508) |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388355.65  | 3823051.95         | 4.29730 | (19120508) | 388333.61 |
| 3823042.68 | 4.17136 (19120508) |         |            |           |
| 388311.56  | 3823033.41         | 4.02355 | (19120508) | 388289.52 |
| 3823024.14 | 3.85693 (19120508) |         |            |           |
| 388267.48  | 3823014.88         | 3.90690 | (17010724) | 388245.43 |
| 3823005.61 | 4.08947 (17010724) |         |            |           |
| 388223.39  | 3822996.34         | 4.24778 | (17010724) | 388201.35 |
| 3822987.07 | 4.38044 (17010724) |         |            |           |
| 388179.30  | 3822977.80         | 4.48372 | (17010724) | 388147.86 |
| 3822946.54 | 4.60573 (17010724) |         |            |           |
| 388138.46  | 3822924.55         | 4.62141 | (17010724) | 388129.06 |
| 3822902.56 | 4.60200 (17010724) |         |            |           |
| 388119.66  | 3822880.58         | 4.54780 | (17010724) | 388110.26 |
| 3822858.59 | 4.45985 (17010724) |         |            |           |
| 388100.86  | 3822836.60         | 4.38906 | (18111108) | 388091.46 |
| 3822814.61 | 4.57964 (18111108) |         |            |           |
| 388082.06  | 3822792.62         | 4.75151 | (18111108) | 388072.66 |
| 3822770.64 | 4.90247 (18111108) |         |            |           |
| 388063.26  | 3822748.65         | 5.03081 | (18111108) | 388053.86 |
| 3822726.66 | 5.13501 (18111108) |         |            |           |
| 388044.46  | 3822704.67         | 5.21399 | (18111108) | 388035.06 |
| 3822682.68 | 5.26704 (18111108) |         |            |           |
| 388025.66  | 3822660.70         | 5.29382 | (18111108) | 388016.26 |
| 3822638.71 | 5.29435 (18111108) |         |            |           |
| 388006.86  | 3822616.72         | 5.26896 | (18111108) | 387997.46 |
| 3822594.73 | 5.21826 (18111108) |         |            |           |
| 387988.05  | 3822572.75         | 5.14316 | (18111108) | 387978.65 |
| 3822550.76 | 5.04479 (18111108) |         |            |           |
| 387969.25  | 3822528.77         | 4.92450 | (18111108) | 387959.85 |
| 3822506.78 | 4.78382 (18111108) |         |            |           |
| 387950.45  | 3822484.79         | 4.62445 | (18111108) | 387941.05 |
| 3822462.81 | 4.44829 (18111108) |         |            |           |
| 387931.65  | 3822440.82         | 4.25720 | (18111108) | 387922.25 |
| 3822418.83 | 4.05459 (18070508) |         |            |           |
| 387912.85  | 3822396.84         | 3.98787 | (18070508) | 387903.45 |
| 3822374.85 | 4.01898 (19111224) |         |            |           |
| 387894.05  | 3822352.87         | 4.11928 | (19111224) | 387884.65 |
| 3822330.88 | 4.18749 (19111224) |         |            |           |
| 387875.25  | 3822308.89         | 4.22176 | (19111224) | 387865.85 |
| 3822286.90 | 4.22113 (19111224) |         |            |           |
| 387856.45  | 3822264.91         | 4.18545 | (19111224) | 387847.05 |
| 3822242.93 | 4.11550 (19111224) |         |            |           |
| 387837.65  | 3822220.94         | 4.01284 | (19111224) | 387828.25 |
| 3822198.95 | 3.87985 (19111224) |         |            |           |
| 387818.85  | 3822176.96         | 3.71962 | (19111224) | 387809.45 |
| 3822154.98 | 3.53586 (19111224) |         |            |           |
| 387800.05  | 3822132.99         | 3.58663 | (19112124) | 387790.65 |
| 3822111.00 | 3.76843 (19112124) |         |            |           |
| 387781.25  | 3822089.01         | 3.92603 | (19112124) | 387771.85 |
| 3822067.02 | 4.14698 (20022908) |         |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 387762.45                                                                | 3822045.04 | 4.58140    | (20022908) | 387753.05 |
| 3822023.05                                                               | 5.02223    | (20022908) |            |           |
| 387743.65                                                                | 3822001.06 | 5.46273    | (20022908) | 387734.25 |
| 3821979.07                                                               | 5.89566    | (20022908) |            |           |
| 387724.85                                                                | 3821957.08 | 6.31334    | (20022908) | 387715.45 |
| 3821935.10                                                               | 6.70776    | (20022908) |            |           |
| 387706.05                                                                | 3821913.11 | 7.07131    | (20022908) | 387696.64 |
| 3821891.12                                                               | 7.39630    | (20022908) |            |           |
| 387687.24                                                                | 3821869.13 | 7.67549    | (20022908) | 387677.84 |
| 3821847.14                                                               | 7.90266    | (20022908) |            |           |
| 387668.44                                                                | 3821825.16 | 8.07245    | (20022908) | 387659.04 |
| 3821803.17                                                               | 8.18091    | (20022908) |            |           |
| 387649.64                                                                | 3821781.18 | 8.22526    | (20022908) | 387640.24 |
| 3821759.19                                                               | 8.20427    | (20022908) |            |           |
| 387630.84                                                                | 3821737.20 | 8.11825    | (20022908) | 387621.44 |
| 3821715.22                                                               | 7.96912    | (20022908) |            |           |
| 387612.04                                                                | 3821693.23 | 7.76011    | (20022908) | 387602.64 |
| 3821671.24                                                               | 7.49591    | (20022908) |            |           |
| 387593.24                                                                | 3821649.25 | 7.18237    | (20022908) | 387583.84 |
| 3821627.27                                                               | 6.82642    | (20022908) |            |           |
| 387574.44                                                                | 3821605.28 | 6.43534    | (20022908) | 387565.04 |
| 3821583.29                                                               | 6.01721    | (20022908) |            |           |
| 387555.64                                                                | 3821561.30 | 5.58019    | (20022908) | 387546.24 |
| 3821539.31                                                               | 5.13236    | (20022908) |            |           |
| 387536.84                                                                | 3821517.33 | 4.82502    | (16102124) | 387527.44 |
| 3821495.34                                                               | 4.73943    | (16102124) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study *** 02/10/26                                                       |            |            |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
| *** 17:54:19                                                             |            |            |            |           |

PAGE 869

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387518.04   | 3821473.35  | 4.68941    | (19112108) | 387508.64   |
| 3821451.36  | 4.80533     | (19112108) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387499.24  | 3821429.37         | 4.87943 | (19112108) | 387489.84 |
| 3821407.39 | 4.90956 (19112108) |         |            |           |
| 387480.44  | 3821385.40         | 4.93238 | (19020208) | 387471.04 |
| 3821363.41 | 5.09966 (19020208) |         |            |           |
| 387461.64  | 3821341.42         | 5.23618 | (19020208) | 387452.24 |
| 3821319.43 | 5.33814 (19020208) |         |            |           |
| 387442.84  | 3821297.45         | 5.40249 | (19020208) | 387433.44 |
| 3821275.46 | 5.42709 (19020208) |         |            |           |
| 387424.04  | 3821253.47         | 5.41072 | (19020208) | 387414.64 |
| 3821231.48 | 5.35323 (19020208) |         |            |           |
| 387405.23  | 3821209.49         | 5.25549 | (19020208) | 387395.83 |
| 3821187.51 | 5.11955 (19020208) |         |            |           |
| 387386.43  | 3821165.52         | 5.23377 | (18022808) | 387377.03 |
| 3821143.53 | 5.31138 (18022808) |         |            |           |
| 387367.63  | 3821121.54         | 5.34376 | (18022808) | 387358.23 |
| 3821099.56 | 5.32976 (18022808) |         |            |           |
| 387348.83  | 3821077.57         | 5.26948 | (18022808) | 387339.43 |
| 3821055.58 | 5.16435 (18022808) |         |            |           |
| 387330.03  | 3821033.59         | 5.01701 | (18022808) | 387320.63 |
| 3821011.60 | 4.83122 (18022808) |         |            |           |
| 387311.23  | 3820989.62         | 4.61177 | (18022808) | 387301.83 |
| 3820967.63 | 4.36396 (18022808) |         |            |           |
| 387292.43  | 3820945.64         | 4.33868 | (19122824) | 387283.03 |
| 3820923.65 | 4.54374 (19122824) |         |            |           |
| 387273.63  | 3820901.66         | 4.71356 | (19122824) | 387264.23 |
| 3820879.68 | 4.84341 (19122824) |         |            |           |
| 387254.83  | 3820857.69         | 4.92972 | (19122824) | 387245.43 |
| 3820835.70 | 4.96993 (19122824) |         |            |           |
| 387236.03  | 3820813.71         | 4.96281 | (19122824) | 387226.63 |
| 3820791.72 | 4.90849 (19122824) |         |            |           |
| 387217.23  | 3820769.74         | 4.80847 | (19122824) | 387207.83 |
| 3820747.75 | 4.66543 (19122824) |         |            |           |
| 387198.43  | 3820725.76         | 4.72721 | (18120624) | 387189.03 |
| 3820703.77 | 4.78749 (18120624) |         |            |           |
| 387179.63  | 3820681.78         | 4.80210 | (18120624) | 387170.23 |
| 3820659.80 | 4.77058 (18120624) |         |            |           |
| 387160.83  | 3820637.81         | 4.69373 | (18120624) | 387151.43 |
| 3820615.82 | 4.60633 (20120624) |         |            |           |
| 387142.03  | 3820593.83         | 4.73104 | (20120624) | 387132.63 |
| 3820571.85 | 4.81233 (20120624) |         |            |           |
| 387123.23  | 3820549.86         | 4.84790 | (20120624) | 387113.82 |
| 3820527.87 | 4.83661 (20120624) |         |            |           |
| 387104.42  | 3820505.88         | 4.77874 | (20120624) | 387095.02 |
| 3820483.89 | 4.67839 (19010824) |         |            |           |
| 387085.62  | 3820461.91         | 4.82555 | (19010824) | 387076.22 |
| 3820439.92 | 4.96268 (16102924) |         |            |           |
| 387066.82  | 3820417.93         | 5.44676 | (16102924) | 387057.42 |
| 3820395.94 | 5.92509 (16102924) |         |            |           |
| 387048.02  | 3820373.95         | 6.38838 | (16102924) | 387038.62 |
| 3820351.97 | 6.82686 (16102924) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387029.22  | 3820329.98 | 7.23124    | (16102924) | 387019.82 |
| 3820307.99 | 7.59204    | (16102924) |            |           |
| 387010.42  | 3820286.00 | 7.90062    | (16102924) | 387001.02 |
| 3820264.01 | 8.14937    | (16102924) |            |           |
| 386991.62  | 3820242.03 | 8.33195    | (16102924) | 386982.22 |
| 3820220.04 | 8.44380    | (16102924) |            |           |
| 386972.82  | 3820198.05 | 8.48193    | (16102924) | 386963.42 |
| 3820176.06 | 8.44535    | (16102924) |            |           |
| 386954.02  | 3820154.07 | 8.33500    | (16102924) | 386944.62 |
| 3820132.09 | 8.15383    | (16102924) |            |           |
| 386935.22  | 3820110.10 | 7.90637    | (16102924) | 386925.82 |
| 3820088.11 | 7.59892    | (16102924) |            |           |
| 386916.42  | 3820066.12 | 7.23906    | (16102924) | 386907.02 |
| 3820044.14 | 6.83557    | (16102924) |            |           |
| 386897.62  | 3820022.15 | 6.39742    | (16102924) | 386888.22 |
| 3820000.16 | 5.93438    | (16102924) |            |           |
| 386878.82  | 3819978.17 | 5.45608    | (16102924) | 386869.42 |
| 3819956.18 | 4.97179    | (16102924) |            |           |
| 386860.02  | 3819934.20 | 4.49037    | (16102924) | 386850.62 |
| 3819912.21 | 4.01925    | (16102924) |            |           |
| 386841.22  | 3819890.22 | 3.94044    | (17090908) | 386831.82 |
| 3819868.23 | 4.00965    | (17090908) |            |           |
| 386822.41  | 3819846.24 | 4.04011    | (17090908) | 386813.01 |
| 3819824.26 | 4.03096    | (17090908) |            |           |
| 386803.61  | 3819802.27 | 3.98245    | (17090908) | 386794.21 |
| 3819780.28 | 4.00376    | (18121624) |            |           |
| 386784.81  | 3819758.29 | 4.13008    | (18121624) | 386775.41 |
| 3819736.30 | 4.21866    | (18121624) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 870

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386766.01  | 3819714.32         | 4.26694 | (18121624) | 386756.61 |
| 3819692.33 | 4.27356 (18121624) |         |            |           |
| 386747.21  | 3819670.34         | 4.33314 | (16122224) | 386737.81 |
| 3819648.35 | 4.50282 (16122224) |         |            |           |
| 386728.41  | 3819626.36         | 4.63315 | (16122224) | 386719.01 |
| 3819604.38 | 4.73143 (16122224) |         |            |           |
| 386709.61  | 3819582.39         | 4.77334 | (16122224) | 386700.21 |
| 3819560.40 | 4.76581 (16122224) |         |            |           |
| 386690.81  | 3819538.41         | 4.71248 | (16122224) | 386681.41 |
| 3819516.43 | 4.61071 (16122224) |         |            |           |
| 386672.01  | 3819494.44         | 4.47052 | (16122224) | 386662.61 |
| 3819472.45 | 4.33365 (18121524) |         |            |           |
| 386653.21  | 3819450.46         | 4.36275 | (18121524) | 386643.81 |
| 3819428.47 | 4.36006 (18121524) |         |            |           |
| 386634.41  | 3819406.49         | 4.31875 | (18121524) | 386625.01 |
| 3819384.50 | 4.22976 (18121524) |         |            |           |
| 386615.61  | 3819362.51         | 4.11752 | (18121524) | 386606.21 |
| 3819340.52 | 4.13698 (17013024) |         |            |           |
| 386596.81  | 3819318.53         | 4.16682 | (17013024) | 386587.41 |
| 3819296.55 | 4.11156 (17013024) |         |            |           |
| 386578.01  | 3819274.56         | 4.04722 | (17013024) | 386568.61 |
| 3819252.57 | 3.98510 (17013024) |         |            |           |
| 386559.21  | 3819230.58         | 3.93290 | (17013024) | 386549.81 |
| 3819208.59 | 3.90267 (17013024) |         |            |           |
| 386540.41  | 3819186.61         | 3.99689 | (18102824) | 386531.00 |
| 3819164.62 | 4.03589 (18102824) |         |            |           |
| 386521.60  | 3819142.63         | 4.02856 | (18102824) | 386512.20 |
| 3819120.64 | 3.98031 (18102824) |         |            |           |
| 386502.80  | 3819098.66         | 3.89656 | (18102824) | 386493.40 |
| 3819076.67 | 3.77437 (18102824) |         |            |           |
| 386484.00  | 3819054.68         | 3.63106 | (18102824) | 386474.60 |
| 3819032.69 | 3.45842 (18102824) |         |            |           |
| 386465.20  | 3819010.70         | 3.25429 | (18102824) | 386455.80 |
| 3818988.72 | 3.17128 (20011508) |         |            |           |
| 386446.40  | 3818966.73         | 3.10961 | (20011508) | 386437.00 |
| 3818944.74 | 3.01297 (20011508) |         |            |           |
| 386427.60  | 3818922.75         | 3.02709 | (17111124) | 386418.20 |
| 3818900.76 | 3.03774 (17111124) |         |            |           |
| 386408.80  | 3818878.78         | 3.16387 | (18031108) | 386399.40 |
| 3818856.79 | 3.29070 (18031108) |         |            |           |
| 386390.00  | 3818834.80         | 3.36439 | (18031108) | 386380.60 |
| 3818812.81 | 3.49133 (18031108) |         |            |           |
| 386371.20  | 3818790.82         | 3.64683 | (18031108) | 386361.80 |
| 3818768.84 | 3.81903 (18031108) |         |            |           |
| 386352.40  | 3818746.85         | 3.97352 | (18031108) | 386343.00 |
| 3818724.86 | 4.16550 (18031108) |         |            |           |
| 386333.60  | 3818702.87         | 4.38372 | (18031108) | 386324.20 |
| 3818680.88 | 4.60661 (18031108) |         |            |           |
| 386314.80  | 3818658.90         | 4.55403 | (18031108) | 386305.40 |
| 3818636.91 | 4.48552 (18031108) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386296.00  | 3818614.92         | 4.52483 | (18031108) | 386286.60 |
| 3818592.93 | 4.73018 (18031108) |         |            |           |
| 386277.20  | 3818570.95         | 4.94333 | (18031108) | 386267.80 |
| 3818548.96 | 5.05180 (18031108) |         |            |           |
| 386258.40  | 3818526.97         | 4.97406 | (18031108) | 386249.00 |
| 3818504.98 | 4.92626 (18031108) |         |            |           |
| 386239.59  | 3818482.99         | 4.90051 | (18031108) | 386230.19 |
| 3818461.01 | 4.84763 (18031108) |         |            |           |
| 386220.79  | 3818439.02         | 4.77130 | (18031108) | 386211.39 |
| 3818417.03 | 4.66572 (18031108) |         |            |           |
| 386201.99  | 3818395.04         | 4.60264 | (17121524) | 386192.59 |
| 3818373.05 | 4.62836 (17030408) |         |            |           |
| 386183.19  | 3818351.07         | 4.72451 | (17030408) | 386173.79 |
| 3818329.08 | 4.78907 (17030408) |         |            |           |
| 386164.39  | 3818307.09         | 4.82507 | (16111424) | 386154.99 |
| 3818285.10 | 4.86684 (16111424) |         |            |           |
| 386145.59  | 3818263.11         | 4.86408 | (16111424) | 386136.19 |
| 3818241.13 | 4.81703 (16111424) |         |            |           |
| 386126.79  | 3818219.14         | 4.72705 | (16111424) | 386117.39 |
| 3818197.15 | 4.59668 (16111424) |         |            |           |
| 386107.99  | 3818175.16         | 4.42949 | (16111424) | 386098.59 |
| 3818153.17 | 4.22988 (16111424) |         |            |           |
| 386089.19  | 3818131.19         | 4.00305 | (16111424) | 386079.79 |
| 3818109.20 | 4.16456 (17011708) |         |            |           |
| 386070.39  | 3818087.21         | 4.36812 | (17011708) | 386060.99 |
| 3818065.22 | 4.54030 (17011708) |         |            |           |
| 386051.59  | 3818043.24         | 4.67680 | (17011708) | 386042.19 |
| 3818021.25 | 4.77430 (17011708) |         |            |           |
| 386032.79  | 3817999.26         | 4.83029 | (17011708) | 386023.39 |
| 3817977.27 | 4.84344 (17011708) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 871

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 386013.99  | 3817955.28          | 4.81351  | (17011708) | 386004.59 |
| 3817933.30 | 4.74149 (17011708)  |          |            |           |
| 385995.19  | 3817911.31          | 4.62935  | (17011708) | 385985.79 |
| 3817889.32 | 4.48013 (17011708)  |          |            |           |
| 385976.39  | 3817867.33          | 4.29773  | (17011708) | 385966.99 |
| 3817845.34 | 4.27938 (18030608)  |          |            |           |
| 385957.59  | 3817823.36          | 4.28190  | (18030608) | 385948.18 |
| 3817801.37 | 4.24703 (18030608)  |          |            |           |
| 385938.78  | 3817779.38          | 4.17581  | (18030608) | 385929.38 |
| 3817757.39 | 4.21246 (17030224)  |          |            |           |
| 385919.98  | 3817735.40          | 4.32093  | (17030224) | 385910.58 |
| 3817713.42 | 4.39402 (17030224)  |          |            |           |
| 385901.18  | 3817691.43          | 4.43010  | (17030224) | 385891.78 |
| 3817669.44 | 4.58749m (19011124) |          |            |           |
| 385882.38  | 3817647.45          | 4.82032m | (19011124) | 385872.98 |
| 3817625.46 | 5.02135m (19011124) |          |            |           |
| 385863.58  | 3817603.48          | 5.18581m | (19011124) | 385854.18 |
| 3817581.49 | 5.30998m (19011124) |          |            |           |
| 385844.78  | 3817559.50          | 5.39083m | (19011124) | 385835.38 |
| 3817537.51 | 5.42650m (19011124) |          |            |           |
| 385825.98  | 3817515.53          | 5.41628m | (19011124) | 385816.58 |
| 3817493.54 | 5.36060m (19011124) |          |            |           |
| 385807.18  | 3817471.55          | 5.26102m | (19011124) | 385797.78 |
| 3817449.56 | 5.12018m (19011124) |          |            |           |
| 385788.38  | 3817427.57          | 4.94166m | (19011124) | 385778.98 |
| 3817405.59 | 4.72996m (19011124) |          |            |           |
| 385769.58  | 3817383.60          | 4.48988m | (19011124) | 385760.18 |
| 3817361.61 | 4.22696m (19011124) |          |            |           |
| 385750.78  | 3817339.62          | 4.19876  | (19120324) | 385741.38 |
| 3817317.63 | 4.24235 (19120324)  |          |            |           |
| 385731.98  | 3817295.65          | 4.27007  | (19120324) | 385722.58 |
| 3817273.66 | 4.28381 (19120324)  |          |            |           |
| 385713.18  | 3817251.67          | 4.54231  | (18111708) | 385703.78 |
| 3817229.68 | 4.93657 (18111708)  |          |            |           |
| 385694.38  | 3817207.69          | 5.32488  | (18111708) | 385684.98 |
| 3817185.71 | 5.70083 (18111708)  |          |            |           |
| 385675.58  | 3817163.72          | 6.05837  | (18111708) | 385666.18 |
| 3817141.73 | 6.39101 (18111708)  |          |            |           |
| 385656.77  | 3817119.74          | 6.69263  | (18111708) | 385647.37 |
| 3817097.75 | 6.95757 (18111708)  |          |            |           |
| 385637.97  | 3817075.77          | 7.18063  | (18111708) | 385628.57 |
| 3817053.78 | 7.35771 (18111708)  |          |            |           |
| 385619.17  | 3817031.79          | 7.48527  | (18111708) | 385609.77 |
| 3817009.80 | 7.56088 (18111708)  |          |            |           |
| 385600.37  | 3816987.82          | 7.58321  | (18111708) | 385590.97 |
| 3816965.83 | 7.55208 (18111708)  |          |            |           |
| 385581.57  | 3816943.84          | 7.46836  | (18111708) | 385572.17 |
| 3816921.85 | 7.33403 (18111708)  |          |            |           |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816877.88 | 385562.77 | 3816899.86 | 7.15209    | (18111708) | 385553.37 |
|            |           | 6.92650    | (18111708) |            |           |
|            | 385543.97 | 3816855.89 | 6.66172    | (18111708) | 385534.57 |
| 3816833.90 |           | 6.36308    | (18111708) |            |           |
|            | 385525.17 | 3816811.91 | 6.03625    | (18111708) | 385515.77 |
| 3816789.92 |           | 5.68719    | (18111708) |            |           |
|            | 385506.37 | 3816767.94 | 5.32208    | (18111708) | 385496.97 |
| 3816745.95 |           | 4.94655    | (18111708) |            |           |
|            | 385487.57 | 3816723.96 | 4.56650    | (18111708) | 385478.17 |
| 3816701.97 |           | 4.49977    | (19120224) |            |           |
|            | 385468.77 | 3816679.98 | 4.41147    | (19120224) | 385459.37 |
| 3816658.00 |           | 4.29278    | (19120224) |            |           |
|            | 394505.76 | 3825638.13 | 1.00052    | (18022608) | 394529.69 |
| 3825638.46 |           | 1.02952    | (18022608) |            |           |
|            | 394553.62 | 3825638.79 | 1.04784    | (18022608) | 394577.55 |
| 3825639.12 |           | 1.04606    | (18022608) |            |           |
|            | 394601.48 | 3825639.44 | 1.03784    | (18022608) | 394625.42 |
| 3825639.77 |           | 1.04451    | (18022608) |            |           |
|            | 394649.35 | 3825640.10 | 1.05321    | (18022608) | 394673.28 |
| 3825640.43 |           | 1.05346    | (18022608) |            |           |
|            | 394697.21 | 3825640.75 | 1.04905    | (18022608) | 394721.14 |
| 3825641.08 |           | 1.04559    | (18022608) |            |           |
|            | 394745.07 | 3825641.41 | 1.03461    | (18022608) | 394769.00 |
| 3825641.74 |           | 1.01834    | (18022608) |            |           |
|            | 394792.93 | 3825642.07 | 1.00076    | (18022608) | 394816.86 |
| 3825642.39 |           | 0.98524    | (20061108) |            |           |
|            | 394840.80 | 3825642.72 | 0.97952    | (20061108) | 394864.73 |
| 3825643.05 |           | 0.97108    | (20061108) |            |           |
|            | 394888.66 | 3825643.38 | 0.95866    | (20061108) | 394912.59 |
| 3825643.70 |           | 0.94215    | (20061108) |            |           |
|            | 394936.52 | 3825644.03 | 0.94041    | (20060208) | 394465.47 |
| 3826962.08 |           | 1.34233    | (19010308) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 872

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*



| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 394443.44                  | 3826952.81                     | 1.44592 | (19010308) | 394421.41   |
| 3826943.55                 | 1.53179 (19010308)             |         |            |             |
| 394399.38                  | 3826934.28                     | 1.61226 | (19010308) | 394377.34   |
| 3826925.02                 | 1.66074 (19010308)             |         |            |             |
| 394355.31                  | 3826915.75                     | 1.69990 | (19010308) | 394333.28   |
| 3826906.49                 | 1.74034 (19010308)             |         |            |             |
| 394311.25                  | 3826897.23                     | 1.85459 | (19010308) | 394289.22   |
| 3826887.96                 | 1.90619 (19010308)             |         |            |             |
| 394267.19                  | 3826878.70                     | 2.04594 | (16092808) | 394245.16   |
| 3826869.43                 | 2.22330 (16092808)             |         |            |             |
| 394223.13                  | 3826860.17                     | 2.47033 | (16092808) | 394201.10   |
| 3826850.90                 | 2.76309 (16092808)             |         |            |             |
| 394179.07                  | 3826841.64                     | 3.11454 | (16092808) | 394157.03   |
| 3826832.38                 | 3.48493 (16092808)             |         |            |             |
| 394135.00                  | 3826823.11                     | 3.81522 | (16092808) | 394112.97   |
| 3826813.85                 | 4.02454 (16092808)             |         |            |             |
| 394090.94                  | 3826804.58                     | 4.13159 | (16092808) | 394068.91   |
| 3826795.32                 | 4.27723 (16092808)             |         |            |             |
| 394046.88                  | 3826786.06                     | 4.57513 | (16092808) | 394024.85   |
| 3826776.79                 | 5.01275 (16092808)             |         |            |             |
| 394002.82                  | 3826767.53                     | 5.38715 | (16092808) | 393980.79   |
| 3826758.26                 | 5.69193 (16092808)             |         |            |             |
| 393958.75                  | 3826749.00                     | 5.92873 | (16092808) | 393936.72   |
| 3826739.73                 | 5.99414 (16092808)             |         |            |             |
| 393914.69                  | 3826730.47                     | 5.91165 | (16092808) | 393892.66   |
| 3826721.21                 | 5.66415 (16092808)             |         |            |             |
| 393870.63                  | 3826711.94                     | 5.32805 | (16092808) | 393848.60   |
| 3826702.68                 | 4.92595 (16092808)             |         |            |             |
| 393826.57                  | 3826693.41                     | 4.52109 | (16092808) | 393804.54   |
| 3826684.15                 | 4.18764 (16092808)             |         |            |             |
| 393782.51                  | 3826674.88                     | 3.91233 | (16092808) | 393760.48   |
| 3826665.62                 | 3.69209 (16092808)             |         |            |             |
| 393738.44                  | 3826656.36                     | 3.51034 | (16092808) | 393716.41   |
| 3826647.09                 | 3.39647 (19120224)             |         |            |             |
| 393694.38                  | 3826637.83                     | 3.48959 | (19120224) | 393672.35   |
| 3826628.56                 | 3.44536 (19120224)             |         |            |             |
| 393650.32                  | 3826619.30                     | 3.35382 | (19120224) | 393628.29   |
| 3826610.03                 | 3.25017 (19120224)             |         |            |             |
| 393606.26                  | 3826600.77                     | 3.13570 | (19120224) | 393584.23   |
| 3826591.51                 | 3.02477 (19092024)             |         |            |             |
| 393562.20                  | 3826582.24                     | 3.00753 | (19092024) | 393540.17   |
| 3826572.98                 | 2.94224 (19092024)             |         |            |             |
| 393518.13                  | 3826563.71                     | 2.96218 | (19092024) | 393496.10   |
| 3826554.45                 | 2.89925 (19092024)             |         |            |             |
| 393474.07                  | 3826545.18                     | 2.81245 | (19092024) | 393452.04   |
| 3826535.92                 | 2.83567 (19092024)             |         |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393430.01  | 3826526.66         | 2.99051 | (19092024) | 393407.98 |
| 3826517.39 | 3.16901 (19092024) |         |            |           |
| 393385.95  | 3826508.13         | 3.10046 | (19092024) | 393363.92 |
| 3826498.86 | 3.01443 (19092024) |         |            |           |
| 393341.89  | 3826489.60         | 2.93056 | (19092024) | 393319.85 |
| 3826480.33 | 2.82719 (19092024) |         |            |           |
| 393297.82  | 3826471.07         | 2.70275 | (19092024) | 393275.79 |
| 3826461.81 | 2.57583 (19092024) |         |            |           |
| 393253.76  | 3826452.54         | 2.44608 | (19092024) | 393231.73 |
| 3826443.28 | 2.31039 (19092024) |         |            |           |
| 393209.70  | 3826434.01         | 2.17408 | (19092024) | 393187.67 |
| 3826424.75 | 2.17540 (16082908) |         |            |           |
| 393165.64  | 3826415.48         | 2.21087 | (16082908) | 393143.61 |
| 3826406.22 | 2.25314 (16082908) |         |            |           |
| 393121.58  | 3826396.96         | 2.26050 | (16082908) | 393099.54 |
| 3826387.69 | 2.22228 (16082908) |         |            |           |
| 393077.51  | 3826378.43         | 2.17391 | (16082908) | 393055.48 |
| 3826369.16 | 2.14301 (16082908) |         |            |           |
| 393033.45  | 3826359.90         | 2.11353 | (16102908) | 393011.42 |
| 3826350.63 | 2.06365 (16102908) |         |            |           |
| 392989.39  | 3826341.37         | 1.96667 | (16102908) | 392967.36 |
| 3826332.11 | 1.86797 (16102908) |         |            |           |
| 392945.33  | 3826322.84         | 1.84868 | (16102908) | 392923.30 |
| 3826313.58 | 1.82621 (16102908) |         |            |           |
| 392901.27  | 3826304.31         | 1.76143 | (16102908) | 392879.23 |
| 3826295.05 | 1.76587 (16102908) |         |            |           |
| 392857.20  | 3826285.79         | 1.73893 | (16102908) | 392835.17 |
| 3826276.52 | 1.62300 (16102908) |         |            |           |
| 392813.14  | 3826267.26         | 1.49731 | (16102908) | 392791.11 |
| 3826257.99 | 1.41450 (16102908) |         |            |           |
| 392769.08  | 3826248.73         | 1.34923 | (16102908) | 392747.05 |
| 3826239.46 | 1.28667 (16102908) |         |            |           |
| 392725.02  | 3826230.20         | 1.23006 | (16102908) | 392702.99 |
| 3826220.94 | 1.18636 (20010108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 873

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 392680.95                  | 3826211.67                     | 1.17632 | (20010108) | 392658.92   |
| 3826202.41                 | 1.16968 (20010108)             |         |            |             |
| 392636.89                  | 3826193.14                     | 1.20743 | (17021124) | 392614.86   |
| 3826183.88                 | 1.26295 (17021124)             |         |            |             |
| 392592.83                  | 3826174.61                     | 1.27484 | (17021124) | 392570.80   |
| 3826165.35                 | 1.27781 (17021124)             |         |            |             |
| 392548.77                  | 3826156.09                     | 1.28042 | (17021124) | 392526.74   |
| 3826146.82                 | 1.28553 (17021124)             |         |            |             |
| 392504.71                  | 3826137.56                     | 1.29268 | (17021124) | 392482.68   |
| 3826128.29                 | 1.28603 (17021124)             |         |            |             |
| 392460.64                  | 3826119.03                     | 1.27548 | (17021124) | 392438.61   |
| 3826109.76                 | 1.29186 (20091624)             |         |            |             |
| 392416.58                  | 3826100.50                     | 1.34901 | (20091624) | 392394.55   |
| 3826091.24                 | 1.39076 (20091624)             |         |            |             |
| 392372.52                  | 3826081.97                     | 1.42420 | (20091624) | 392350.49   |
| 3826072.71                 | 1.46619 (20091624)             |         |            |             |
| 392328.46                  | 3826063.44                     | 1.56243 | (20032208) | 392306.43   |
| 3826054.18                 | 1.65416 (20032208)             |         |            |             |
| 392284.40                  | 3826044.91                     | 1.73460 | (20032208) | 392262.37   |
| 3826035.65                 | 1.83250 (20032208)             |         |            |             |
| 392240.33                  | 3826026.39                     | 1.91558 | (20032208) | 392218.30   |
| 3826017.12                 | 1.98591 (20032208)             |         |            |             |
| 392196.27                  | 3826007.86                     | 2.05517 | (20032208) | 392174.24   |
| 3825998.59                 | 2.13065 (20032208)             |         |            |             |
| 392152.21                  | 3825989.33                     | 2.20220 | (20032208) | 392130.18   |
| 3825980.06                 | 2.25956 (20032208)             |         |            |             |
| 392108.15                  | 3825970.80                     | 2.30854 | (20032208) | 392086.12   |
| 3825961.54                 | 2.33456 (20032208)             |         |            |             |
| 392064.09                  | 3825952.27                     | 2.33791 | (20032208) | 392042.05   |
| 3825943.01                 | 2.35904 (20032208)             |         |            |             |
| 392020.02                  | 3825933.74                     | 2.41636 | (20032208) | 391997.99   |
| 3825924.48                 | 2.46639 (20032208)             |         |            |             |
| 391975.96                  | 3825915.21                     | 2.52268 | (20032208) | 391953.93   |
| 3825905.95                 | 2.53541 (20032208)             |         |            |             |
| 391931.90                  | 3825896.69                     | 2.51694 | (20032208) | 391909.87   |
| 3825887.42                 | 2.49238 (20032208)             |         |            |             |
| 391887.84                  | 3825878.16                     | 2.46689 | (20032208) | 391865.81   |
| 3825868.89                 | 2.43966 (20032208)             |         |            |             |
| 391843.78                  | 3825859.63                     | 2.39167 | (20032208) | 391821.74   |
| 3825850.36                 | 2.30911 (20032208)             |         |            |             |
| 391799.71                  | 3825841.10                     | 2.24165 | (18110408) | 391777.68   |
| 3825831.84                 | 2.19454 (18110408)             |         |            |             |
| 391755.65                  | 3825822.57                     | 2.13433 | (18110408) | 391733.62   |
| 3825813.31                 | 2.11557 (16022308)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391711.59  | 3825804.04 | 2.16050    | (16022308) | 391689.56 |
| 3825794.78 | 2.20558    | (16022308) |            |           |
| 391667.53  | 3825785.52 | 2.23811    | (16022308) | 391645.50 |
| 3825776.25 | 2.28056    | (16022308) |            |           |
| 391623.46  | 3825766.99 | 2.31335    | (16022308) | 391601.43 |
| 3825757.72 | 2.37027    | (16022308) |            |           |
| 391579.40  | 3825748.46 | 2.43079    | (16022308) | 391557.37 |
| 3825739.19 | 2.45312    | (16022308) |            |           |
| 391535.34  | 3825729.93 | 2.42918    | (16022308) | 391513.31 |
| 3825720.67 | 2.37519    | (16022308) |            |           |
| 391491.28  | 3825711.40 | 2.32968    | (16022308) | 391469.25 |
| 3825702.14 | 2.26961    | (16022308) |            |           |
| 391447.22  | 3825692.87 | 2.35621m   | (20100708) | 391425.19 |
| 3825683.61 | 2.43632m   | (20100708) |            |           |
| 391403.15  | 3825674.34 | 2.50264m   | (20100708) | 391381.12 |
| 3825665.08 | 2.56047m   | (20100708) |            |           |
| 391359.09  | 3825655.82 | 2.62118m   | (20100708) | 391337.06 |
| 3825646.55 | 2.68995m   | (20100708) |            |           |
| 391315.03  | 3825637.29 | 2.77679m   | (20100708) | 391293.00 |
| 3825628.02 | 2.87034m   | (20100708) |            |           |
| 391270.97  | 3825618.76 | 2.94004    | (20032008) | 391248.94 |
| 3825609.49 | 2.95307    | (20032008) |            |           |
| 391226.91  | 3825600.23 | 2.92117    | (20032008) | 391204.88 |
| 3825590.97 | 2.93898    | (20032008) |            |           |
| 391182.84  | 3825581.70 | 3.05637    | (20032008) | 391160.81 |
| 3825572.44 | 3.12844    | (20032008) |            |           |
| 391138.78  | 3825563.17 | 3.13521    | (20032008) | 391116.75 |
| 3825553.91 | 3.09871    | (20032008) |            |           |
| 391094.72  | 3825544.64 | 3.14368    | (20032008) | 391072.69 |
| 3825535.38 | 3.31694    | (20032008) |            |           |
| 391050.66  | 3825526.12 | 3.53753    | (20032008) | 391028.63 |
| 3825516.85 | 3.72667    | (20032008) |            |           |
| 391006.60  | 3825507.59 | 3.80695    | (20032008) | 390984.56 |
| 3825498.32 | 3.78026    | (20032008) |            |           |
| 390962.53  | 3825489.06 | 3.70969    | (20032008) | 390940.50 |
| 3825479.79 | 3.61398    | (20032008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 874

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|---------|------------|-------------|
| 390918.47   | 3825461.27  | 3825470.53          | (20032008) | 3.52111 | (20032008) | 390896.44   |
| 390874.41   | 3825442.74  | 3825452.00          | (18020308) | 3.53618 | (20032008) | 390852.38   |
| 390830.35   | 3825424.21  | 3825433.47          | (20022708) | 3.70478 | (18020308) | 390808.32   |
| 390786.29   | 3825405.68  | 3825414.94          | (20022708) | 4.09401 | (20022708) | 390764.25   |
| 390742.22   | 3825387.15  | 3825396.42          | (20022708) | 4.27479 | (20022708) | 390720.19   |
| 390698.16   | 3825368.62  | 3825377.89          | (20022708) | 4.32475 | (20022708) | 390676.13   |
| 390654.10   | 3825350.09  | 3825359.36          | (20022708) | 4.23937 | (20022708) | 390632.07   |
| 390610.04   | 3825331.57  | 3825340.83          | (20022708) | 4.02671 | (20022708) | 390588.01   |
| 390565.98   | 3825313.04  | 3825322.30          | (18032008) | 3.70613 | (20022708) | 390543.94   |
| 390521.91   | 3825294.51  | 3825303.77          | (20011808) | 3.71295 | (20011808) | 390499.88   |
| 390477.85   | 3825275.98  | 3825285.25          | (20011808) | 4.02896 | (20011808) | 390455.82   |
| 390433.79   | 3825257.45  | 3825266.72          | (20011808) | 4.23652 | (20011808) | 390411.76   |
| 390389.73   | 3825238.92  | 3825248.19          | (20011808) | 4.31710 | (20011808) | 390367.70   |
| 390345.66   | 3825220.40  | 3825229.66          | (20011808) | 4.26347 | (20011808) | 390323.63   |
| 390301.60   | 3825201.87  | 3825211.13          | (19120108) | 4.11130 | (19120108) | 390279.57   |
| 390257.54   | 3825183.34  | 3825192.60          | (19120108) | 4.27219 | (19120108) | 390235.51   |
| 390213.48   | 3825164.81  | 3825174.07          | (19120108) | 4.30295 | (19120108) | 390191.45   |
| 390169.42   | 3825146.28  | 3825155.55          | (19120108) | 4.20105 | (19120108) | 390147.39   |
| 390125.35   | 3825127.75  | 3825137.02          | (19120508) | 4.05612 | (19120508) | 390103.32   |
| 390081.29   | 3825109.22  | 3825118.49          | (19120508) | 4.16709 | (19120508) | 390059.26   |
| 390037.23   | 3825090.70  | 3825099.96          | (19120508) | 4.15047 | (19120508) | 390015.20   |
| 4.09443     |             | (19120508)          |            |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389993.17  | 3825081.43 | 4.07472    | (17031324) | 389971.14 |
| 3825072.17 | 4.17855    | (17031324) |            |           |
| 389949.11  | 3825062.90 | 4.25371    | (17031324) | 389927.08 |
| 3825053.64 | 4.29828    | (17031324) |            |           |
| 389905.04  | 3825044.37 | 4.55350    | (16121408) | 389883.01 |
| 3825035.11 | 4.86674    | (16121408) |            |           |
| 389860.98  | 3825025.85 | 5.16462    | (16121408) | 389838.95 |
| 3825016.58 | 5.44209    | (16121408) |            |           |
| 389816.92  | 3825007.32 | 5.69405    | (16121408) | 389794.89 |
| 3824998.05 | 5.91598    | (16121408) |            |           |
| 389772.86  | 3824988.79 | 6.10360    | (16121408) | 389750.83 |
| 3824979.52 | 6.25344    | (16121408) |            |           |
| 389728.80  | 3824970.26 | 6.36255    | (16121408) | 389706.76 |
| 3824961.00 | 6.42893    | (16121408) |            |           |
| 389684.73  | 3824951.73 | 6.45133    | (16121408) | 389662.70 |
| 3824942.47 | 6.42947    | (16121408) |            |           |
| 389640.67  | 3824933.20 | 6.36396    | (16121408) | 389618.64 |
| 3824923.94 | 6.25629    | (16121408) |            |           |
| 389596.61  | 3824914.67 | 6.10872    | (16121408) | 389574.58 |
| 3824905.41 | 5.92436    | (16121408) |            |           |
| 389552.55  | 3824896.15 | 5.70686    | (16121408) | 389530.52 |
| 3824886.88 | 5.46038    | (16121408) |            |           |
| 389508.49  | 3824877.62 | 5.18960    | (16121408) | 389486.45 |
| 3824868.35 | 4.89912    | (16121408) |            |           |
| 389464.42  | 3824859.09 | 4.59422    | (16121408) | 389442.39 |
| 3824849.82 | 4.27957    | (16121408) |            |           |
| 389420.36  | 3824840.56 | 4.16849    | (17091024) | 389398.33 |
| 3824831.30 | 4.15210    | (17091024) |            |           |
| 389376.30  | 3824822.03 | 4.10865    | (17091024) | 389354.27 |
| 3824812.77 | 4.08733c   | (20073108) |            |           |
| 389332.24  | 3824803.50 | 4.13390c   | (20073108) | 389310.21 |
| 3824794.24 | 4.17814c   | (20073108) |            |           |
| 389288.18  | 3824784.98 | 4.21914c   | (20073108) | 389266.14 |
| 3824775.71 | 4.25568c   | (20073108) |            |           |
| 389244.11  | 3824766.45 | 4.28618c   | (20073108) | 389222.08 |
| 3824757.18 | 4.30892c   | (20073108) |            |           |
| 389200.05  | 3824747.92 | 4.32200c   | (20073108) | 389178.02 |
| 3824738.65 | 4.32353c   | (20073108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 875

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|------------|--------------------|
|             |             | **             |            |                    |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |
| -----       |             |                |            |                    |
| 389155.99   | 3824729.39  | 4.31167c       | (20073108) | 389133.96          |
| 3824720.13  | 4.28478c    | (20073108)     |            |                    |
| 389111.93   | 3824710.86  | 4.24146c       | (20073108) | 389089.90          |
| 3824701.60  | 4.20959     | (20111108)     |            |                    |
| 389067.86   | 3824692.33  | 4.19963        | (20111108) | 389045.83          |
| 3824683.07  | 4.15945     | (20111108)     |            |                    |
| 389023.80   | 3824673.80  | 4.09000        | (20111108) | 389001.77          |
| 3824664.54  | 3.99284     | (20111108)     |            |                    |
| 388979.74   | 3824655.28  | 3.87009        | (20111108) | 388957.71          |
| 3824646.01  | 3.72429     | (20111108)     |            |                    |
| 388935.68   | 3824636.75  | 3.55849        | (20111108) | 388913.65          |
| 3824627.48  | 3.67079     | (18011724)     |            |                    |
| 388891.62   | 3824618.22  | 3.90008        | (18011724) | 388869.59          |
| 3824608.95  | 4.11889     | (18011724)     |            |                    |
| 388847.55   | 3824599.69  | 4.32441        | (18011724) | 388825.52          |
| 3824590.43  | 4.51397     | (18011724)     |            |                    |
| 388803.49   | 3824581.16  | 4.68536        | (18011724) | 388781.46          |
| 3824571.90  | 4.83647     | (18011724)     |            |                    |
| 388759.43   | 3824562.63  | 4.96572        | (18011724) | 388737.40          |
| 3824553.37  | 5.07171     | (18011724)     |            |                    |
| 388715.37   | 3824544.10  | 5.15361        | (18011724) | 388693.34          |
| 3824534.84  | 5.21084     | (18011724)     |            |                    |
| 388671.31   | 3824525.58  | 5.24328        | (18011724) | 388649.28          |
| 3824516.31  | 5.25116     | (18011724)     |            |                    |
| 388627.24   | 3824507.05  | 5.23497        | (18011724) | 388605.21          |
| 3824497.78  | 5.19559     | (18011724)     |            |                    |
| 388583.18   | 3824488.52  | 5.13409        | (18011724) | 388561.15          |
| 3824479.25  | 5.05173     | (18011724)     |            |                    |
| 388539.12   | 3824469.99  | 4.95001        | (18011724) | 388517.09          |
| 3824460.73  | 4.83050     | (18011724)     |            |                    |
| 388495.06   | 3824451.46  | 4.69482        | (18011724) | 388473.03          |
| 3824442.20  | 4.54476     | (18011724)     |            |                    |
| 388451.00   | 3824432.93  | 4.38203        | (18011724) | 388428.96          |
| 3824423.67  | 4.20839     | (18011724)     |            |                    |
| 388406.93   | 3824414.40  | 4.02564        | (18011724) | 388384.90          |
| 3824405.14  | 3.83556     | (18011724)     |            |                    |
| 388362.87   | 3824395.88  | 3.63980        | (18011724) | 388340.84          |
| 3824386.61  | 3.43996     | (18011724)     |            |                    |
| 388318.81   | 3824377.35  | 3.23777        | (18011724) | 388296.78          |
| 3824368.08  | 3.05685     | (19082108)     |            |                    |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388274.75  | 3824358.82          | 3.11229  | (19082108) | 388252.72 |
| 3824349.55 | 3.15071 (19082108)  |          |            |           |
| 388230.69  | 3824340.29          | 3.17160  | (19082108) | 388208.65 |
| 3824331.03 | 3.22429 (19062708)  |          |            |           |
| 388186.62  | 3824321.76          | 3.35820  | (19062708) | 388164.59 |
| 3824312.50 | 3.47440 (19062708)  |          |            |           |
| 388142.56  | 3824303.23          | 3.57088  | (19062708) | 388120.53 |
| 3824293.97 | 3.64580 (19062708)  |          |            |           |
| 388098.50  | 3824284.71          | 3.69787  | (19062708) | 388076.47 |
| 3824275.44 | 3.72616 (19062708)  |          |            |           |
| 388054.44  | 3824266.18          | 3.73018  | (19062708) | 388032.41 |
| 3824256.91 | 3.70997 (19062708)  |          |            |           |
| 388010.38  | 3824247.65          | 3.66601  | (19062708) | 387988.34 |
| 3824238.38 | 3.59919 (19062708)  |          |            |           |
| 387966.31  | 3824229.12          | 3.51094  | (19062708) | 387944.28 |
| 3824219.86 | 3.40297 (19062708)  |          |            |           |
| 387922.25  | 3824210.59          | 3.27727  | (19062708) | 387900.22 |
| 3824201.33 | 3.13623 (19062708)  |          |            |           |
| 387878.19  | 3824192.06          | 3.10654c | (19090108) | 387856.16 |
| 3824182.80 | 3.09070c (19090108) |          |            |           |
| 387834.13  | 3824173.53          | 3.11258  | (20010724) | 387812.10 |
| 3824164.27 | 3.21884 (20010724)  |          |            |           |
| 387790.06  | 3824155.01          | 3.30766  | (20010724) | 387768.03 |
| 3824145.74 | 3.37748 (20010724)  |          |            |           |
| 387746.00  | 3824136.48          | 3.42708  | (20010724) | 387723.97 |
| 3824127.21 | 3.45566 (20010724)  |          |            |           |
| 387701.94  | 3824117.95          | 3.46276  | (20010724) | 387679.91 |
| 3824108.68 | 3.44834 (20010724)  |          |            |           |
| 387657.88  | 3824099.42          | 3.47703  | (19120508) | 387635.85 |
| 3824090.16 | 3.57928 (19120508)  |          |            |           |
| 387613.82  | 3824080.89          | 3.66532  | (19120508) | 387591.79 |
| 3824071.63 | 3.73378 (19120508)  |          |            |           |
| 387569.75  | 3824062.36          | 3.78363  | (19120508) | 387547.72 |
| 3824053.10 | 3.81407 (19120508)  |          |            |           |
| 387525.69  | 3824043.83          | 3.82470  | (19120508) | 387503.66 |
| 3824034.57 | 3.81541 (19120508)  |          |            |           |
| 387481.63  | 3824025.31          | 3.78645  | (19120508) | 387459.60 |
| 3824016.04 | 3.73836 (19120508)  |          |            |           |
| 387437.57  | 3824006.78          | 3.67204  | (19120508) | 387415.54 |
| 3823997.51 | 3.58860 (19120508)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 876

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*



INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387393.51   | 3823988.25  | 3.48949    | (19120508) | 387371.48   |
| 3823978.98  | 3.37625     | (19120508) |            |             |
| 387349.44   | 3823969.72  | 3.25068    | (19120508) | 387327.41   |
| 3823960.46  | 3.25246     | (17010724) |            |             |
| 387305.38   | 3823951.19  | 3.39506    | (17010724) | 387283.35   |
| 3823941.93  | 3.52407     | (17010724) |            |             |
| 387261.32   | 3823932.66  | 3.63644    | (17010724) | 387239.29   |
| 3823923.40  | 3.73030     | (17010724) |            |             |
| 387207.86   | 3823892.16  | 3.86572    | (17010724) | 387198.47   |
| 3823870.18  | 3.90490     | (17010724) |            |             |
| 387189.07   | 3823848.21  | 3.92096    | (17010724) | 387179.68   |
| 3823826.23  | 3.91353     | (17010724) |            |             |
| 387170.28   | 3823804.26  | 3.88265    | (17010724) | 387160.89   |
| 3823782.28  | 3.82876     | (17010724) |            |             |
| 387151.49   | 3823760.31  | 3.75274    | (17010724) | 387142.10   |
| 3823738.33  | 3.71990     | (18111108) |            |             |
| 387132.70   | 3823716.35  | 3.86120    | (18111108) | 387123.31   |
| 3823694.38  | 3.98997     | (18111108) |            |             |
| 387113.91   | 3823672.40  | 4.10511    | (18111108) | 387104.52   |
| 3823650.43  | 4.20542     | (18111108) |            |             |
| 387095.12   | 3823628.45  | 4.29013    | (18111108) | 387085.73   |
| 3823606.48  | 4.35844     | (18111108) |            |             |
| 387076.33   | 3823584.50  | 4.40994    | (18111108) | 387066.94   |
| 3823562.53  | 4.44428     | (18111108) |            |             |
| 387057.54   | 3823540.55  | 4.46138    | (18111108) | 387048.15   |
| 3823518.57  | 4.46127     | (18111108) |            |             |
| 387038.75   | 3823496.60  | 4.44418    | (18111108) | 387029.36   |
| 3823474.62  | 4.41048     | (18111108) |            |             |
| 387019.96   | 3823452.65  | 4.36068    | (18111108) | 387010.57   |
| 3823430.67  | 4.29539     | (18111108) |            |             |
| 387001.17   | 3823408.70  | 4.21535    | (18111108) | 386991.78   |
| 3823386.72  | 4.12137     | (18111108) |            |             |
| 386982.38   | 3823364.75  | 4.01435    | (18111108) | 386972.99   |
| 3823342.77  | 3.89530     | (18111108) |            |             |
| 386963.59   | 3823320.79  | 3.76520    | (18111108) | 386954.20   |
| 3823298.82  | 3.62531     | (18111108) |            |             |
| 386944.80   | 3823276.84  | 3.47662    | (18111108) | 386935.41   |
| 3823254.87  | 3.41644     | (18070508) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386926.01  | 3823232.89         | 3.35643 | (18070508) | 386916.62 |
| 3823210.92 | 3.42252 (19111224) |         |            |           |
| 386907.22  | 3823188.94         | 3.49633 | (19111224) | 386897.83 |
| 3823166.97 | 3.54853 (19111224) |         |            |           |
| 386888.43  | 3823144.99         | 3.57809 | (19111224) | 386879.04 |
| 3823123.01 | 3.58432 (19111224) |         |            |           |
| 386869.64  | 3823101.04         | 3.56702 | (19111224) | 386860.25 |
| 3823079.06 | 3.52646 (19111224) |         |            |           |
| 386850.85  | 3823057.09         | 3.46335 | (19111224) | 386841.46 |
| 3823035.11 | 3.37883 (19111224) |         |            |           |
| 386832.06  | 3823013.14         | 3.27446 | (19111224) | 386822.67 |
| 3822991.16 | 3.15214 (19111224) |         |            |           |
| 386813.27  | 3822969.18         | 3.01403 | (19111224) | 386803.88 |
| 3822947.21 | 2.97511 (19112124) |         |            |           |
| 386794.48  | 3822925.23         | 3.11955 | (19112124) | 386785.09 |
| 3822903.26 | 3.24912 (19112124) |         |            |           |
| 386775.69  | 3822881.28         | 3.36155 | (19112124) | 386766.30 |
| 3822859.31 | 3.52275 (20022908) |         |            |           |
| 386756.90  | 3822837.33         | 3.84948 | (20022908) | 386747.51 |
| 3822815.36 | 4.18054 (20022908) |         |            |           |
| 386738.11  | 3822793.38         | 4.51247 | (20022908) | 386728.72 |
| 3822771.40 | 4.84079 (20022908) |         |            |           |
| 386719.32  | 3822749.43         | 5.16109 | (20022908) | 386709.93 |
| 3822727.45 | 5.46879 (20022908) |         |            |           |
| 386700.53  | 3822705.48         | 5.75915 | (20022908) | 386691.14 |
| 3822683.50 | 6.02759 (20022908) |         |            |           |
| 386681.74  | 3822661.53         | 6.26959 | (20022908) | 386672.34 |
| 3822639.55 | 6.48108 (20022908) |         |            |           |
| 386662.95  | 3822617.58         | 6.65812 | (20022908) | 386653.55 |
| 3822595.60 | 6.79767 (20022908) |         |            |           |
| 386644.16  | 3822573.62         | 6.89700 | (20022908) | 386634.76 |
| 3822551.65 | 6.95421 (20022908) |         |            |           |
| 386625.37  | 3822529.67         | 6.96816 | (20022908) | 386615.97 |
| 3822507.70 | 6.93847 (20022908) |         |            |           |
| 386606.58  | 3822485.72         | 6.86560 | (20022908) | 386597.18 |
| 3822463.75 | 6.75080 (20022908) |         |            |           |
| 386587.79  | 3822441.77         | 6.59608 | (20022908) | 386578.39 |
| 3822419.80 | 6.40418 (20022908) |         |            |           |
| 386569.00  | 3822397.82         | 6.17842 | (20022908) | 386559.60 |
| 3822375.84 | 5.92263 (20022908) |         |            |           |
| 386550.21  | 3822353.87         | 5.64135 | (20022908) | 386540.81 |
| 3822331.89 | 5.33883 (20022908) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|--------------------|----------------|------------|--------------------|--|
|             |                    | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |  |
| -----       |                    |                |            |                    |  |
| 386531.42   | 3822309.92         | 5.02024        | (20022908) | 386522.02          |  |
| 3822287.94  | 4.69000 (20022908) |                |            |                    |  |
| 386512.63   | 3822265.97         | 4.35328        | (20022908) | 386503.23          |  |
| 3822243.99  | 4.10997 (16102124) |                |            |                    |  |
| 386493.84   | 3822222.02         | 4.05553        | (16102124) | 386484.44          |  |
| 3822200.04  | 3.97308 (16102124) |                |            |                    |  |
| 386475.05   | 3822178.06         | 4.01429        | (19112108) | 386465.65          |  |
| 3822156.09  | 4.09402 (19112108) |                |            |                    |  |
| 386456.26   | 3822134.11         | 4.14538        | (19112108) | 386446.86          |  |
| 3822112.14  | 4.16717 (19112108) |                |            |                    |  |
| 386437.47   | 3822090.16         | 4.15886        | (19112108) | 386428.07          |  |
| 3822068.19  | 4.25360 (19020208) |                |            |                    |  |
| 386418.68   | 3822046.21         | 4.36611        | (19020208) | 386409.28          |  |
| 3822024.23  | 4.45667 (19020208) |                |            |                    |  |
| 386399.89   | 3822002.26         | 4.52317        | (19020208) | 386390.49          |  |
| 3821980.28  | 4.56405 (19020208) |                |            |                    |  |
| 386381.10   | 3821958.31         | 4.57813        | (19020208) | 386371.70          |  |
| 3821936.33  | 4.56478 (19020208) |                |            |                    |  |
| 386362.31   | 3821914.36         | 4.52398        | (19020208) | 386352.91          |  |
| 3821892.38  | 4.45615 (19020208) |                |            |                    |  |
| 386343.52   | 3821870.41         | 4.36243        | (19020208) | 386334.12          |  |
| 3821848.43  | 4.40392 (18022808) |                |            |                    |  |
| 386324.73   | 3821826.45         | 4.48223        | (18022808) | 386315.33          |  |
| 3821804.48  | 4.53117 (18022808) |                |            |                    |  |
| 386305.94   | 3821782.50         | 4.54956        | (18022808) | 386296.54          |  |
| 3821760.53  | 4.53679 (18022808) |                |            |                    |  |
| 386287.15   | 3821738.55         | 4.49300        | (18022808) | 386277.75          |  |
| 3821716.58  | 4.41898 (18022808) |                |            |                    |  |
| 386268.36   | 3821694.60         | 4.31618        | (18022808) | 386258.96          |  |
| 3821672.63  | 4.18670 (18022808) |                |            |                    |  |
| 386249.57   | 3821650.65         | 4.03310        | (18022808) | 386240.17          |  |
| 3821628.67  | 3.85840 (18022808) |                |            |                    |  |
| 386230.78   | 3821606.70         | 3.66614        | (18022808) | 386221.38          |  |
| 3821584.72  | 3.66758 (19122824) |                |            |                    |  |
| 386211.99   | 3821562.75         | 3.82566        | (19122824) | 386202.59          |  |
| 3821540.77  | 3.96085 (19122824) |                |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386193.20  | 3821518.80         | 4.07009 | (19122824) | 386183.80 |
| 3821496.82 | 4.15108 (19122824) |         |            |           |
| 386174.41  | 3821474.85         | 4.20191 | (19122824) | 386165.01 |
| 3821452.87 | 4.22143 (19122824) |         |            |           |
| 386155.62  | 3821430.89         | 4.20914 | (19122824) | 386146.22 |
| 3821408.92 | 4.16526 (19122824) |         |            |           |
| 386136.83  | 3821386.94         | 4.09075 | (19122824) | 386127.43 |
| 3821364.97 | 3.98723 (19122824) |         |            |           |
| 386118.04  | 3821342.99         | 3.98107 | (18120624) | 386108.64 |
| 3821321.02 | 4.04193 (18120624) |         |            |           |
| 386099.25  | 3821299.04         | 4.07270 | (18120624) | 386089.85 |
| 3821277.07 | 4.07260 (18120624) |         |            |           |
| 386080.46  | 3821255.09         | 4.04163 | (18120624) | 386071.06 |
| 3821233.11 | 3.98040 (18120624) |         |            |           |
| 386061.67  | 3821211.14         | 3.89035 | (18120624) | 386052.27 |
| 3821189.16 | 3.99074 (20120624) |         |            |           |
| 386042.88  | 3821167.19         | 4.06319 | (20120624) | 386033.48 |
| 3821145.21 | 4.10550 (20120624) |         |            |           |
| 386024.09  | 3821123.24         | 4.11663 | (20120624) | 386014.69 |
| 3821101.26 | 4.09630 (20120624) |         |            |           |
| 386005.30  | 3821079.29         | 4.04496 | (20120624) | 385995.90 |
| 3821057.31 | 3.96665 (19010824) |         |            |           |
| 385986.51  | 3821035.33         | 4.08070 | (19010824) | 385977.11 |
| 3821013.36 | 4.16591 (19010824) |         |            |           |
| 385967.72  | 3820991.38         | 4.41489 | (16102924) | 385958.32 |
| 3820969.41 | 4.77784 (16102924) |         |            |           |
| 385948.93  | 3820947.43         | 5.13461 | (16102924) | 385939.53 |
| 3820925.46 | 5.47946 (16102924) |         |            |           |
| 385930.14  | 3820903.48         | 5.80681 | (16102924) | 385920.74 |
| 3820881.50 | 6.11096 (16102924) |         |            |           |
| 385911.35  | 3820859.53         | 6.38617 | (16102924) | 385901.95 |
| 3820837.55 | 6.62759 (16102924) |         |            |           |
| 385892.56  | 3820815.58         | 6.83030 | (16102924) | 385883.16 |
| 3820793.60 | 6.99051 (16102924) |         |            |           |
| 385873.77  | 3820771.63         | 7.10484 | (16102924) | 385864.37 |
| 3820749.65 | 7.17107 (16102924) |         |            |           |
| 385854.98  | 3820727.68         | 7.18778 | (16102924) | 385845.58 |
| 3820705.70 | 7.15464 (16102924) |         |            |           |
| 385836.19  | 3820683.72         | 7.07233 | (16102924) | 385826.79 |
| 3820661.75 | 6.94257 (16102924) |         |            |           |
| 385817.40  | 3820639.77         | 6.76794 | (16102924) | 385808.00 |
| 3820617.80 | 6.55199 (16102924) |         |            |           |
| 385798.61  | 3820595.82         | 6.29888 | (16102924) | 385789.21 |
| 3820573.85 | 6.01354 (16102924) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385779.82   | 3820551.87  | 5.70116    | (16102924) | 385770.42   |
| 3820529.90  | 5.36744     | (16102924) |            |             |
| 385761.03   | 3820507.92  | 5.01797    | (16102924) | 385751.63   |
| 3820485.94  | 4.65842     | (16102924) |            |             |
| 385742.24   | 3820463.97  | 4.29458    | (16102924) | 385732.84   |
| 3820441.99  | 3.93122     | (16102924) |            |             |
| 385723.44   | 3820420.02  | 3.57347    | (16102924) | 385714.05   |
| 3820398.04  | 3.31239     | (17031024) |            |             |
| 385704.65   | 3820376.07  | 3.35268    | (17090908) | 385695.26   |
| 3820354.09  | 3.40259     | (17090908) |            |             |
| 385685.86   | 3820332.12  | 3.42650    | (17090908) | 385676.47   |
| 3820310.14  | 3.42389     | (17090908) |            |             |
| 385667.07   | 3820288.16  | 3.39480    | (17090908) | 385657.68   |
| 3820266.19  | 3.33993     | (17090908) |            |             |
| 385648.28   | 3820244.21  | 3.44056    | (18121624) | 385638.89   |
| 3820222.24  | 3.52699     | (18121624) |            |             |
| 385629.49   | 3820200.26  | 3.58766    | (18121624) | 385620.10   |
| 3820178.29  | 3.62111     | (18121624) |            |             |
| 385610.70   | 3820156.31  | 3.62661    | (18121624) | 385601.31   |
| 3820134.34  | 3.69509     | (16122224) |            |             |
| 385591.91   | 3820112.36  | 3.85610    | (16122224) | 385582.52   |
| 3820090.38  | 3.99295     | (16122224) |            |             |
| 385573.12   | 3820068.41  | 4.10265    | (16122224) | 385563.73   |
| 3820046.43  | 4.18279     | (16122224) |            |             |
| 385554.33   | 3820024.46  | 4.23153    | (16122224) | 385544.94   |
| 3820002.48  | 4.24779     | (16122224) |            |             |
| 385535.54   | 3819980.51  | 4.23118    | (16122224) | 385526.15   |
| 3819958.53  | 4.18212     | (16122224) |            |             |
| 385516.75   | 3819936.55  | 4.10172    | (16122224) | 385507.36   |
| 3819914.58  | 3.99190     | (16122224) |            |             |
| 385497.96   | 3819892.60  | 4.00210    | (18121524) | 385488.57   |
| 3819870.63  | 4.05827     | (18121524) |            |             |
| 385479.17   | 3819848.65  | 4.08355    | (18121524) | 385469.78   |
| 3819826.68  | 4.07734     | (18121524) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385028.21   | 3818793.82  | 4.23205    | (18031108) | 385018.82   |
| 3818771.85  | 4.15505     | (18031108) |            |             |
| 385009.42   | 3818749.87  | 4.07690    | (18031108) | 385000.03   |
| 3818727.90  | 3.99820     | (18031108) |            |             |
| 384990.63   | 3818705.92  | 3.93275    | (17121524) | 384981.24   |
| 3818683.95  | 3.92155     | (17121524) |            |             |
| 384971.84   | 3818661.97  | 3.88186    | (17121524) | 384962.45   |
| 3818640.00  | 3.92835     | (17030408) |            |             |
| 384953.05   | 3818618.02  | 3.99600    | (17030408) | 384943.66   |
| 3818596.04  | 4.04214     | (17030408) |            |             |
| 384934.26   | 3818574.07  | 4.09621    | (16111424) | 384924.87   |
| 3818552.09  | 4.13085     | (16111424) |            |             |
| 384915.47   | 3818530.12  | 4.13566    | (16111424) | 384906.08   |
| 3818508.14  | 4.11063     | (16111424) |            |             |
| 384896.68   | 3818486.17  | 4.05638    | (16111424) | 384887.29   |
| 3818464.19  | 3.97411     | (16111424) |            |             |
| 384877.89   | 3818442.22  | 3.86567    | (16111424) | 384868.50   |
| 3818420.24  | 3.73209     | (16111424) |            |             |
| 384859.10   | 3818398.26  | 3.57952    | (16111424) | 384849.71   |
| 3818376.29  | 3.40699     | (16111424) |            |             |
| 384840.31   | 3818354.31  | 3.46754    | (17011708) | 384830.92   |
| 3818332.34  | 3.60077     | (17011708) |            |             |
| 384821.52   | 3818310.36  | 3.73396    | (17011708) | 384812.13   |
| 3818288.39  | 3.85883     | (17011708) |            |             |
| 384802.73   | 3818266.41  | 3.96194    | (17011708) | 384793.34   |
| 3818244.44  | 4.03439     | (17011708) |            |             |
| 384783.94   | 3818222.46  | 4.06619    | (17011708) | 384774.55   |
| 3818200.48  | 4.07832     | (17011708) |            |             |
| 384765.15   | 3818178.51  | 4.09600    | (17011708) | 384755.75   |
| 3818156.53  | 4.05083     | (17011708) |            |             |
| 384746.36   | 3818134.56  | 3.97825    | (17011708) | 384736.96   |
| 3818112.58  | 3.87975     | (17011708) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 384727.57  | 3818090.61          | 3.75751  | (17011708) | 384718.17 |
| 3818068.63 | 3.61388 (17011708)  |          |            |           |
| 384708.78  | 3818046.66          | 3.63116  | (18030608) | 384699.38 |
| 3818024.68 | 3.63478 (18030608)  |          |            |           |
| 384689.99  | 3818002.70          | 3.61329  | (18030608) | 384680.59 |
| 3817980.73 | 3.56724 (18030608)  |          |            |           |
| 384671.20  | 3817958.75          | 3.49087  | (18030608) | 384661.80 |
| 3817936.78 | 3.57372 (17030224)  |          |            |           |
| 384652.41  | 3817914.80          | 3.65361  | (17030224) | 384643.01 |
| 3817892.83 | 3.72143 (17030224)  |          |            |           |
| 384633.62  | 3817870.85          | 3.75463  | (17030224) | 384624.22 |
| 3817848.87 | 3.85002m (19011124) |          |            |           |
| 384614.83  | 3817826.90          | 4.03314m | (19011124) | 384605.43 |
| 3817804.92 | 4.19306m (19011124) |          |            |           |
| 384596.04  | 3817782.95          | 4.20323m | (19011124) | 384586.64 |
| 3817760.97 | 4.15644m (19011124) |          |            |           |
| 384577.25  | 3817739.00          | 4.09770m | (19011124) | 384567.85 |
| 3817717.02 | 4.05819m (19011124) |          |            |           |
| 384558.46  | 3817695.05          | 4.05144m | (19011124) | 384549.06 |
| 3817673.07 | 4.06158m (19011124) |          |            |           |
| 384539.67  | 3817651.09          | 4.05166m | (19011124) | 384530.27 |
| 3817629.12 | 3.99363m (19011124) |          |            |           |
| 384520.88  | 3817607.14          | 3.91837m | (19011124) | 384511.48 |
| 3817585.17 | 3.81254m (19011124) |          |            |           |
| 384502.09  | 3817563.19          | 3.67399m | (19011124) | 384492.69 |
| 3817541.22 | 3.45192m (19011124) |          |            |           |
| 384483.30  | 3817519.24          | 3.23861m | (19011124) | 384473.90 |
| 3817497.27 | 3.11543 (19120324)  |          |            |           |
| 384464.51  | 3817475.29          | 3.21092  | (19120324) | 384455.11 |
| 3817453.31 | 3.37923 (19120324)  |          |            |           |
| 384445.72  | 3817431.34          | 3.54498  | (19120324) | 384436.32 |
| 3817409.36 | 3.59409 (19120324)  |          |            |           |
| 384426.93  | 3817387.39          | 3.59819  | (19120324) | 384417.53 |
| 3817365.41 | 3.84964 (18111708)  |          |            |           |
| 384408.14  | 3817343.44          | 4.14596  | (18111708) | 384398.74 |
| 3817321.46 | 4.43889 (18111708)  |          |            |           |
| 384389.35  | 3817299.49          | 4.72450  | (18111708) | 384379.95 |
| 3817277.51 | 4.99928 (18111708)  |          |            |           |
| 384370.56  | 3817255.53          | 5.25933  | (18111708) | 384361.16 |
| 3817233.56 | 5.50086 (18111708)  |          |            |           |
| 384351.77  | 3817211.58          | 5.71721  | (18111708) | 384342.37 |
| 3817189.61 | 5.75199 (18111708)  |          |            |           |
| 384332.98  | 3817167.63          | 5.74840  | (18111708) | 384323.58 |
| 3817145.66 | 5.71812 (18111708)  |          |            |           |
| 384314.19  | 3817123.68          | 5.66313  | (18111708) | 384304.79 |
| 3817101.71 | 5.54264 (18111708)  |          |            |           |
| 384295.40  | 3817079.73          | 5.33725  | (18111708) | 384286.00 |
| 3817057.75 | 5.23710 (18111708)  |          |            |           |



\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 880

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 384276.61   | 3817035.78         | 5.12437    | (18111708) | 384267.21   |
| 3817013.80  | 5.11924 (18111708) |            |            |             |
| 384257.82   | 3816991.83         | 5.16549    | (18111708) | 384248.42   |
| 3816969.85  | 5.14083 (18111708) |            |            |             |
| 384239.03   | 3816947.88         | 5.01155    | (18111708) | 384229.63   |
| 3816925.90  | 4.82436 (18111708) |            |            |             |
| 384220.24   | 3816903.93         | 4.53567    | (18111708) | 384210.84   |
| 3816881.95  | 4.19540 (18111708) |            |            |             |
| 384201.45   | 3816859.97         | 4.07233    | (18111708) | 384192.05   |
| 3816838.00  | 3.96619 (18111708) |            |            |             |
| 384182.66   | 3816816.02         | 3.72793    | (18111708) | 384173.26   |
| 3816794.05  | 3.43207 (18111708) |            |            |             |
| 384163.87   | 3816772.07         | 3.14450    | (18111708) | 384154.47   |
| 3816750.10  | 3.12591 (19120224) |            |            |             |
| 384145.08   | 3816728.12         | 3.30039    | (19120224) | 384135.68   |
| 3816706.14  | 3.38009 (19120224) |            |            |             |
| 384126.29   | 3816684.17         | 3.44555    | (17011308) | 394487.50   |
| 3826971.34  | 1.19323 (19010308) |            |            |             |
| 394511.43   | 3826971.67         | 1.15788    | (18022608) | 394535.36   |
| 3826972.00  | 1.16175 (18022608) |            |            |             |
| 394559.29   | 3826972.32         | 1.16440    | (18022608) | 394583.22   |
| 3826972.65  | 1.14829 (18022608) |            |            |             |
| 394607.16   | 3826972.98         | 1.12080    | (18022608) | 394631.09   |
| 3826973.31  | 1.09471 (18022608) |            |            |             |
| 394655.02   | 3826973.63         | 1.07154    | (18022608) | 394678.95   |
| 3826973.96  | 1.05232 (18022608) |            |            |             |
| 394702.88   | 3826974.29         | 1.01931    | (18022608) | 394726.81   |
| 3826974.62  | 0.97651 (18022608) |            |            |             |
| 394750.74   | 3826974.95         | 0.93634    | (18022608) | 394774.67   |
| 3826975.27  | 0.90193 (18022608) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394798.60  | 3826975.60         | 0.87096 | (18022608) | 394822.54 |
| 3826975.93 | 0.82978 (18022608) |         |            |           |
| 394846.47  | 3826976.26         | 0.80712 | (20061108) | 394870.40 |
| 3826976.58 | 0.79820 (20061108) |         |            |           |
| 394894.33  | 3826976.91         | 0.79583 | (20061108) | 394918.26 |
| 3826977.24 | 0.79084 (20060208) |         |            |           |
| 394447.22  | 3828295.29         | 0.56414 | (20071608) | 394425.20 |
| 3828286.03 | 0.56965 (20071608) |         |            |           |
| 394403.17  | 3828276.77         | 0.57378 | (20071608) | 394381.15 |
| 3828267.51 | 0.57690 (20071608) |         |            |           |
| 394359.13  | 3828258.25         | 0.57973 | (20071608) | 394337.11 |
| 3828248.99 | 0.58246 (20071608) |         |            |           |
| 394315.09  | 3828239.73         | 0.58445 | (20071608) | 394293.07 |
| 3828230.47 | 0.58544 (20071608) |         |            |           |
| 394271.05  | 3828221.21         | 0.58582 | (20071608) | 394249.02 |
| 3828211.95 | 0.58601 (20071608) |         |            |           |
| 394227.00  | 3828202.69         | 0.58575 | (20071608) | 394204.98 |
| 3828193.43 | 0.58523 (20071608) |         |            |           |
| 394182.96  | 3828184.17         | 0.58366 | (20071608) | 394160.94 |
| 3828174.91 | 0.58141 (20071608) |         |            |           |
| 394138.92  | 3828165.65         | 0.57822 | (20071608) | 394116.90 |
| 3828156.38 | 0.57699 (20071608) |         |            |           |
| 394094.87  | 3828147.12         | 0.57425 | (20071608) | 394072.85 |
| 3828137.86 | 0.56935 (20071608) |         |            |           |
| 394050.83  | 3828128.60         | 0.56405 | (20071608) | 394028.81 |
| 3828119.34 | 0.55852 (20071608) |         |            |           |
| 394006.79  | 3828110.08         | 0.55248 | (20071608) | 393984.77 |
| 3828100.82 | 0.54528 (20071608) |         |            |           |
| 393962.75  | 3828091.56         | 0.53768 | (20071608) | 393940.72 |
| 3828082.30 | 0.54463 (20042508) |         |            |           |
| 393918.70  | 3828073.04         | 0.56229 | (20042508) | 393896.68 |
| 3828063.78 | 0.57948 (20042508) |         |            |           |
| 393874.66  | 3828054.52         | 0.59620 | (20042508) | 393852.64 |
| 3828045.26 | 0.61264 (20042508) |         |            |           |
| 393830.62  | 3828036.00         | 0.62661 | (20042508) | 393808.60 |
| 3828026.74 | 0.64034 (20042508) |         |            |           |
| 393786.57  | 3828017.48         | 0.65222 | (20042508) | 393764.55 |
| 3828008.22 | 0.66185 (20042508) |         |            |           |
| 393742.53  | 3827998.96         | 0.67047 | (20042508) | 393720.51 |
| 3827989.70 | 0.67708 (20042508) |         |            |           |
| 393698.49  | 3827980.44         | 0.68435 | (20042508) | 393676.47 |
| 3827971.18 | 0.69133 (20042508) |         |            |           |
| 393654.44  | 3827961.92         | 0.69948 | (20042508) | 393632.42 |
| 3827952.66 | 0.70890 (20042508) |         |            |           |
| 393610.40  | 3827943.40         | 0.71838 | (20042508) | 393588.38 |
| 3827934.14 | 0.72515 (20042508) |         |            |           |
| 393566.36  | 3827924.88         | 0.72784 | (20042508) | 393544.34 |
| 3827915.62 | 0.72559 (20042508) |         |            |           |
| 393522.32  | 3827906.36         | 0.72189 | (20042508) | 393500.29 |
| 3827897.10 | 0.71883 (20042508) |         |            |           |

| X-COORD (M) | Y-COORD (M)        | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|---------|------------|-------------|
| 393478.27   | 3827887.84         | 0.71710 | (20042508) | 393456.25   |
| 3827878.58  | 0.71348 (20042508) |         |            |             |
| 393434.23   | 3827869.32         | 0.70886 | (20042508) | 393412.21   |
| 3827860.06  | 0.70987 (20042508) |         |            |             |
| 393390.19   | 3827850.80         | 0.71115 | (20042508) | 393368.17   |
| 3827841.54  | 0.71052 (20042508) |         |            |             |
| 393346.14   | 3827832.28         | 0.70503 | (20042508) | 393324.12   |
| 3827823.02  | 0.69548 (20042508) |         |            |             |
| 393302.10   | 3827813.76         | 0.68314 | (20042508) | 393280.08   |
| 3827804.50  | 0.67343 (20042508) |         |            |             |
| 393258.06   | 3827795.24         | 0.66465 | (20042508) | 393236.04   |
| 3827785.98  | 0.65441 (20042508) |         |            |             |
| 393214.02   | 3827776.72         | 0.64524 | (19121308) | 393191.99   |
| 3827767.46  | 0.63839 (19121308) |         |            |             |
| 393169.97   | 3827758.19         | 0.62536 | (19121308) | 393147.95   |
| 3827748.93  | 0.61277 (19121308) |         |            |             |
| 393125.93   | 3827739.67         | 0.58823 | (20042508) | 393103.91   |
| 3827730.41  | 0.57336 (16082908) |         |            |             |
| 393081.89   | 3827721.15         | 0.58429 | (16082908) | 393059.87   |
| 3827711.89  | 0.59977 (16082908) |         |            |             |
| 393037.84   | 3827702.63         | 0.60640 | (16082908) | 393015.82   |
| 3827693.37  | 0.60447 (16082908) |         |            |             |
| 392993.80   | 3827684.11         | 0.61185 | (16082908) | 392971.78   |
| 3827674.85  | 0.62210 (16082908) |         |            |             |
| 392949.76   | 3827665.59         | 0.62102 | (16082908) | 392927.74   |
| 3827656.33  | 0.61558 (16082908) |         |            |             |
| 392905.72   | 3827647.07         | 0.61603 | (16082908) | 392883.69   |
| 3827637.81  | 0.61999 (16082908) |         |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392861.67  | 3827628.55         | 0.59946 | (16082908) | 392839.65 |
| 3827619.29 | 0.57859 (16082908) |         |            |           |
| 392817.63  | 3827610.03         | 0.57500 | (16082908) | 392795.61 |
| 3827600.77 | 0.59595 (20010108) |         |            |           |
| 392773.59  | 3827591.51         | 0.61407 | (20010108) | 392751.56 |
| 3827582.25 | 0.63184 (20010108) |         |            |           |
| 392729.54  | 3827572.99         | 0.65657 | (20010108) | 392707.52 |
| 3827563.73 | 0.68185 (20010108) |         |            |           |
| 392685.50  | 3827554.47         | 0.68933 | (20010108) | 392663.48 |
| 3827545.21 | 0.70459 (20010108) |         |            |           |
| 392641.46  | 3827535.95         | 0.72746 | (20010108) | 392619.44 |
| 3827526.69 | 0.74083 (20010108) |         |            |           |
| 392597.41  | 3827517.43         | 0.74388 | (20010108) | 392575.39 |
| 3827508.17 | 0.74997 (20010108) |         |            |           |
| 392553.37  | 3827498.91         | 0.76514 | (20010108) | 392531.35 |
| 3827489.65 | 0.77330 (20010108) |         |            |           |
| 392509.33  | 3827480.39         | 0.76680 | (20010108) | 392487.31 |
| 3827471.13 | 0.76904 (20010108) |         |            |           |
| 392465.29  | 3827461.87         | 0.77623 | (20010108) | 392443.26 |
| 3827452.61 | 0.78081 (20010108) |         |            |           |
| 392421.24  | 3827443.35         | 0.78337 | (20010108) | 392399.22 |
| 3827434.09 | 0.78754 (20010108) |         |            |           |
| 392377.20  | 3827424.83         | 0.80271 | (20010108) | 392355.18 |
| 3827415.57 | 0.82639 (20010108) |         |            |           |
| 392333.16  | 3827406.31         | 0.83762 | (20010108) | 392311.14 |
| 3827397.05 | 0.81728 (20010108) |         |            |           |
| 392289.11  | 3827387.79         | 0.77377 | (20010108) | 392267.09 |
| 3827378.53 | 0.73778 (20010108) |         |            |           |
| 392245.07  | 3827369.27         | 0.70733 | (20010108) | 392223.05 |
| 3827360.00 | 0.67241 (20010108) |         |            |           |
| 392201.03  | 3827350.74         | 0.64111 | (20010108) | 392179.01 |
| 3827341.48 | 0.61833 (20010108) |         |            |           |
| 392156.99  | 3827332.22         | 0.60221 | (20042808) | 392134.96 |
| 3827322.96 | 0.60977 (20042808) |         |            |           |
| 392112.94  | 3827313.70         | 0.61108 | (20042808) | 392090.92 |
| 3827304.44 | 0.61040 (20042808) |         |            |           |
| 392068.90  | 3827295.18         | 0.60921 | (20042808) | 392046.88 |
| 3827285.92 | 0.60772 (20042808) |         |            |           |
| 392024.86  | 3827276.66         | 0.61711 | (20032208) | 392002.84 |
| 3827267.40 | 0.65166 (20032208) |         |            |           |
| 391980.81  | 3827258.14         | 0.68704 | (20032208) | 391958.79 |
| 3827248.88 | 0.69445 (20032208) |         |            |           |
| 391936.77  | 3827239.62         | 0.69090 | (20032208) | 391914.75 |
| 3827230.36 | 0.70995 (20032208) |         |            |           |
| 391892.73  | 3827221.10         | 0.72930 | (20032208) | 391870.71 |
| 3827211.84 | 0.75453 (20032208) |         |            |           |
| 391848.69  | 3827202.58         | 0.84089 | (20032208) | 391826.66 |
| 3827193.32 | 1.00332 (20032208) |         |            |           |
| 391804.64  | 3827184.06         | 1.21002 | (20032208) | 391782.62 |
| 3827174.80 | 1.37023 (20032208) |         |            |           |

391760.60 3827165.54 1.45587 (20032208) 391738.58  
 3827156.28 1.57671 (20032208)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 882

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391716.56   | 3827147.02  | 1.67832    | (20032208) | 391694.53   |
| 3827137.76  | 1.75123     | (20032208) |            |             |
| 391672.51   | 3827128.50  | 1.82592    | (20032208) | 391650.49   |
| 3827119.24  | 1.87514     | (20032208) |            |             |
| 391628.47   | 3827109.98  | 1.88255    | (20032208) | 391606.45   |
| 3827100.72  | 1.86162     | (20032208) |            |             |
| 391584.43   | 3827091.46  | 1.87171    | (20032208) | 391562.41   |
| 3827082.20  | 1.88074     | (20032208) |            |             |
| 391540.38   | 3827072.94  | 1.83646    | (20032208) | 391518.36   |
| 3827063.68  | 1.79198     | (20032208) |            |             |
| 391496.34   | 3827054.42  | 1.75603    | (20032208) | 391474.32   |
| 3827045.16  | 1.69262     | (20032208) |            |             |
| 391452.30   | 3827035.90  | 1.58295    | (20032208) | 391430.28   |
| 3827026.64  | 1.55542     | (20091708) |            |             |
| 391408.26   | 3827017.38  | 1.61164    | (20091708) | 391386.23   |
| 3827008.12  | 1.63650     | (20091708) |            |             |
| 391364.21   | 3826998.86  | 1.63606    | (20091708) | 391342.19   |
| 3826989.60  | 1.61770     | (16022308) |            |             |
| 391320.17   | 3826980.34  | 1.65163    | (16022308) | 391298.15   |
| 3826971.07  | 1.68048     | (16022308) |            |             |
| 391276.13   | 3826961.81  | 1.68801    | (16022308) | 391254.11   |
| 3826952.55  | 1.68119     | (16022308) |            |             |
| 391232.08   | 3826943.29  | 1.67656    | (16022308) | 391210.06   |
| 3826934.03  | 1.67279     | (16022308) |            |             |
| 391188.04   | 3826924.77  | 1.65248    | (16022308) | 391166.02   |
| 3826915.51  | 1.62289     | (16022308) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391144.00  | 3826906.25          | 1.59766  | (16022308) | 391121.98 |
| 3826896.99 | 1.57688 (16022308)  |          |            |           |
| 391099.96  | 3826887.73          | 1.55171  | (16022308) | 391077.93 |
| 3826878.47 | 1.52376 (16022308)  |          |            |           |
| 391055.91  | 3826869.21          | 1.52362m | (20100708) | 391033.89 |
| 3826859.95 | 1.58368m (20100708) |          |            |           |
| 391011.87  | 3826850.69          | 1.63495m | (20100708) | 390989.85 |
| 3826841.43 | 1.67144m (20100708) |          |            |           |
| 390967.83  | 3826832.17          | 1.70082m | (20100708) | 390945.81 |
| 3826822.91 | 1.74454m (20100708) |          |            |           |
| 390923.78  | 3826813.65          | 1.77496m | (20100708) | 390901.76 |
| 3826804.39 | 1.79462m (20100708) |          |            |           |
| 390879.74  | 3826795.13          | 1.80532m | (20100708) | 390857.72 |
| 3826785.87 | 1.80662m (20100708) |          |            |           |
| 390835.70  | 3826776.61          | 1.79739m | (20100708) | 390813.68 |
| 3826767.35 | 1.77756m (20100708) |          |            |           |
| 390791.65  | 3826758.09          | 1.74751m | (20100708) | 390769.63 |
| 3826748.83 | 1.70948 (20032008)  |          |            |           |
| 390747.61  | 3826739.57          | 1.70334  | (20032008) | 390725.59 |
| 3826730.31 | 1.69929 (20032008)  |          |            |           |
| 390703.57  | 3826721.05          | 1.70254  | (20032008) | 390681.55 |
| 3826711.79 | 1.70439 (20032008)  |          |            |           |
| 390659.53  | 3826702.53          | 1.70542  | (20081408) | 390637.50 |
| 3826693.27 | 1.73627 (20081408)  |          |            |           |
| 390615.48  | 3826684.01          | 1.76757  | (20081408) | 390593.46 |
| 3826674.75 | 1.79030 (20081408)  |          |            |           |
| 390571.44  | 3826665.49          | 1.80077  | (20081408) | 390549.42 |
| 3826656.23 | 1.79936 (20081408)  |          |            |           |
| 390527.40  | 3826646.97          | 1.78513  | (20081408) | 390505.38 |
| 3826637.71 | 1.75635 (20081408)  |          |            |           |
| 390483.35  | 3826628.45          | 1.73160  | (20081408) | 390461.33 |
| 3826619.19 | 1.71042 (20081408)  |          |            |           |
| 390439.31  | 3826609.93          | 1.71205  | (20032008) | 390417.29 |
| 3826600.67 | 1.70690 (20032008)  |          |            |           |
| 390395.27  | 3826591.41          | 1.71317  | (17090308) | 390373.25 |
| 3826582.15 | 1.72260 (17090308)  |          |            |           |
| 390351.23  | 3826572.88          | 1.72369  | (17090308) | 390329.20 |
| 3826563.62 | 1.71582 (17090308)  |          |            |           |
| 390307.18  | 3826554.36          | 1.69830  | (17090308) | 390285.16 |
| 3826545.10 | 1.67159 (17090308)  |          |            |           |
| 390263.14  | 3826535.84          | 1.67197  | (20092408) | 390241.12 |
| 3826526.58 | 1.70396 (20092408)  |          |            |           |
| 390219.10  | 3826517.32          | 1.72943  | (20092408) | 390197.08 |
| 3826508.06 | 1.73554 (20092408)  |          |            |           |
| 390175.05  | 3826498.80          | 1.75457  | (20022708) | 390153.03 |
| 3826489.54 | 1.78523 (20022708)  |          |            |           |
| 390131.01  | 3826480.28          | 1.78659  | (20022708) | 390108.99 |
| 3826471.02 | 1.77292 (20022708)  |          |            |           |
| 390086.97  | 3826461.76          | 1.74772  | (20022708) | 390064.95 |
| 3826452.50 | 1.71877 (20092408)  |          |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389954.84   | 3826406.20         | 1.77127    | (18032008) | 389932.82   |
| 3826396.94  | 1.84915 (20011808) |            |            |             |
| 389910.80   | 3826387.68         | 1.93214    | (20011808) | 389888.77   |
| 3826378.42  | 1.97612 (20011808) |            |            |             |
| 389866.75   | 3826369.16         | 1.98630    | (20011808) | 389844.73   |
| 3826359.90  | 2.04855 (20011808) |            |            |             |
| 389822.71   | 3826350.64         | 2.11162    | (20092608) | 389800.69   |
| 3826341.38  | 2.19498 (20092608) |            |            |             |
| 389778.67   | 3826332.12         | 2.27380    | (20092608) | 389756.65   |
| 3826322.86  | 2.34650 (20092608) |            |            |             |
| 389734.62   | 3826313.60         | 2.41123    | (20092608) | 389712.60   |
| 3826304.34  | 2.46718 (20092608) |            |            |             |
| 389690.58   | 3826295.08         | 2.51155    | (20092608) | 389668.56   |
| 3826285.82  | 2.54655 (20092608) |            |            |             |
| 389646.54   | 3826276.56         | 2.57053    | (20092608) | 389624.52   |
| 3826267.30  | 2.58308 (20092608) |            |            |             |
| 389602.50   | 3826258.04         | 2.58483    | (20092608) | 389580.47   |
| 3826248.78  | 2.57440 (20092608) |            |            |             |
| 389558.45   | 3826239.52         | 2.55019    | (20092608) | 389536.43   |
| 3826230.26  | 2.51483 (20092608) |            |            |             |
| 389514.41   | 3826221.00         | 2.46648    | (20092608) | 389492.39   |
| 3826211.74  | 2.41145 (20092608) |            |            |             |
| 389470.37   | 3826202.48         | 2.34991    | (20092608) | 389448.35   |
| 3826193.22  | 2.37482 (16010508) |            |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 389426.32  | 3826183.96          | 2.46081             | (16010508) | 389404.30 |
| 3826174.69 | 2.53967 (16010508)  |                     |            |           |
| 389382.28  | 3826165.43          | 2.61434             | (16010508) | 389360.26 |
| 3826156.17 | 2.67040 (16010508)  |                     |            |           |
| 389338.24  | 3826146.91          | 2.72991             | (16010508) | 389316.22 |
| 3826137.65 | 2.75776 (16010508)  |                     |            |           |
| 389294.20  | 3826128.39          | 2.76317             | (16010508) | 389272.17 |
| 3826119.13 | 2.89863 (16121408)  |                     |            |           |
| 389250.15  | 3826109.87          | 3.10717             | (16121408) | 389228.13 |
| 3826100.61 | 3.31511 (16121408)  |                     |            |           |
| 389206.11  | 3826091.35          | 3.52478             | (16121408) | 389184.09 |
| 3826082.09 | 3.73899 (16121408)  |                     |            |           |
| 389162.07  | 3826072.83          | 3.98766             | (16121408) | 389140.05 |
| 3826063.57 | 4.30623 (16121408)  |                     |            |           |
| 389118.02  | 3826054.31          | 4.70297             | (16121408) | 389096.00 |
| 3826045.05 | 5.09130 (16121408)  |                     |            |           |
| 389073.98  | 3826035.79          | 5.38717             | (16121408) | 389051.96 |
| 3826026.53 | 5.54972 (16121408)  |                     |            |           |
| 389029.94  | 3826017.27          | 5.55875             | (16121408) | 389007.92 |
| 3826008.01 | 5.53698 (16121408)  |                     |            |           |
| 388985.89  | 3825998.75          | 5.38700             | (16121408) | 388963.87 |
| 3825989.49 | 5.14953 (16121408)  |                     |            |           |
| 388941.85  | 3825980.23          | 4.94214             | (16121408) | 388919.83 |
| 3825970.97 | 4.80501 (16121408)  |                     |            |           |
| 388897.81  | 3825961.71          | 4.71881             | (16121408) | 388875.79 |
| 3825952.45 | 4.62977 (16121408)  |                     |            |           |
| 388853.77  | 3825943.19          | 4.48748             | (16121408) | 388831.74 |
| 3825933.93 | 4.30079 (16121408)  |                     |            |           |
| 388809.72  | 3825924.67          | 4.12099             | (16121408) | 388787.70 |
| 3825915.41 | 3.93743 (16121408)  |                     |            |           |
| 388765.68  | 3825906.15          | 3.69353             | (16121408) | 388743.66 |
| 3825896.89 | 3.58793 (17091024)  |                     |            |           |
| 388721.64  | 3825887.63          | 3.58179             | (17091024) | 388699.62 |
| 3825878.37 | 3.55655 (17091024)  |                     |            |           |
| 388677.59  | 3825869.11          | 3.51269             | (17091024) | 388655.57 |
| 3825859.85 | 3.49222c (20073108) |                     |            |           |
| 388633.55  | 3825850.59          | 3.52803c (20073108) |            | 388611.53 |
| 3825841.33 | 3.56267c (20073108) |                     |            |           |
| 388589.51  | 3825832.07          | 3.59554c (20073108) |            | 388567.49 |
| 3825822.81 | 3.62582c (20073108) |                     |            |           |
| 388545.47  | 3825813.55          | 3.65253c (20073108) |            | 388523.44 |
| 3825804.29 | 3.67455c (20073108) |                     |            |           |
| 388501.42  | 3825795.03          | 3.69067c (20073108) |            | 388479.40 |
| 3825785.77 | 3.69963c (20073108) |                     |            |           |
| 388457.38  | 3825776.50          | 3.70019c (20073108) |            | 388435.36 |
| 3825767.24 | 3.69118c (20073108) |                     |            |           |
| 388413.34  | 3825757.98          | 3.67153c (20073108) |            | 388391.32 |
| 3825748.72 | 3.64035c (20073108) |                     |            |           |
| 388369.29  | 3825739.46          | 3.63277 (20111108)  |            | 388347.27 |
| 3825730.20 | 3.63020 (20111108)  |                     |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388325.25  | 3825720.94 | 3.60639    | (20111108) | 388303.23 |
| 3825711.68 | 3.56179    | (20111108) |            |           |
| 388281.21  | 3825702.42 | 3.49724    | (20111108) | 388259.19 |
| 3825693.16 | 3.41389    | (20111108) |            |           |
| 388237.17  | 3825683.90 | 3.31318    | (20111108) | 388215.14 |
| 3825674.64 | 3.19679    | (20111108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 884

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388193.12   | 3825665.38  | 3.06671    | (20111108) | 388171.10   |
| 3825656.12  | 3.10410     | (18011724) |            |             |
| 388149.08   | 3825646.86  | 3.28325    | (18011724) | 388127.06   |
| 3825637.60  | 3.45573     | (18011724) |            |             |
| 388105.04   | 3825628.34  | 3.61977    | (18011724) | 388083.01   |
| 3825619.08  | 3.77375     | (18011724) |            |             |
| 388060.99   | 3825609.82  | 3.91601    | (18011724) | 388038.97   |
| 3825600.56  | 4.04523     | (18011724) |            |             |
| 388016.95   | 3825591.30  | 4.16019    | (18011724) | 387994.93   |
| 3825582.04  | 4.25988     | (18011724) |            |             |
| 387972.91   | 3825572.78  | 4.34350    | (18011724) | 387950.89   |
| 3825563.52  | 4.41048     | (18011724) |            |             |
| 387928.86   | 3825554.26  | 4.46048    | (18011724) | 387906.84   |
| 3825545.00  | 4.49332     | (18011724) |            |             |
| 387884.82   | 3825535.74  | 4.50909    | (18011724) | 387862.80   |
| 3825526.48  | 4.50804     | (18011724) |            |             |
| 387840.78   | 3825517.22  | 4.49060    | (18011724) | 387818.76   |
| 3825507.96  | 4.45735     | (18011724) |            |             |
| 387796.74   | 3825498.70  | 4.40899    | (18011724) | 387774.71   |
| 3825489.44  | 4.34633     | (18011724) |            |             |
| 387752.69   | 3825480.18  | 4.27032    | (18011724) | 387730.67   |
| 3825470.92  | 4.18191     | (18011724) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 387708.65  | 3825461.66          | 4.08211  | (18011724) | 387686.63 |
| 3825452.40 | 3.97199 (18011724)  |          |            |           |
| 387664.61  | 3825443.14          | 3.85261  | (18011724) | 387642.59 |
| 3825433.88 | 3.72505 (18011724)  |          |            |           |
| 387620.56  | 3825424.62          | 3.59033  | (18011724) | 387598.54 |
| 3825415.36 | 3.44962 (18011724)  |          |            |           |
| 387576.52  | 3825406.10          | 3.30392  | (18011724) | 387554.50 |
| 3825396.84 | 3.15425 (18011724)  |          |            |           |
| 387532.48  | 3825387.58          | 3.00162  | (18011724) | 387510.46 |
| 3825378.31 | 2.84698 (18011724)  |          |            |           |
| 387488.44  | 3825369.05          | 2.69135  | (18011724) | 387466.41 |
| 3825359.79 | 2.64704 (19082108)  |          |            |           |
| 387444.39  | 3825350.53          | 2.68754  | (19082108) | 387422.37 |
| 3825341.27 | 2.71609 (19082108)  |          |            |           |
| 387400.35  | 3825332.01          | 2.73242  | (19082108) | 387378.33 |
| 3825322.75 | 2.74845 (19062708)  |          |            |           |
| 387356.31  | 3825313.49          | 2.85657  | (19062708) | 387334.29 |
| 3825304.23 | 2.95293 (19062708)  |          |            |           |
| 387312.26  | 3825294.97          | 3.03616  | (19062708) | 387290.24 |
| 3825285.71 | 3.10499 (19062708)  |          |            |           |
| 387268.22  | 3825276.45          | 3.15843  | (19062708) | 387246.20 |
| 3825267.19 | 3.19570 (19062708)  |          |            |           |
| 387224.18  | 3825257.93          | 3.21626  | (19062708) | 387202.16 |
| 3825248.67 | 3.21986 (19062708)  |          |            |           |
| 387180.13  | 3825239.41          | 3.20647  | (19062708) | 387158.11 |
| 3825230.15 | 3.17639 (19062708)  |          |            |           |
| 387136.09  | 3825220.89          | 3.13012  | (19062708) | 387114.07 |
| 3825211.63 | 3.06846 (19062708)  |          |            |           |
| 387092.05  | 3825202.37          | 2.99238  | (19062708) | 387070.03 |
| 3825193.11 | 2.90308 (19062708)  |          |            |           |
| 387048.01  | 3825183.85          | 2.80190  | (19062708) | 387025.98 |
| 3825174.59 | 2.69031 (19062708)  |          |            |           |
| 387003.96  | 3825165.33          | 2.67753c | (19090108) | 386981.94 |
| 3825156.07 | 2.66721c (19090108) |          |            |           |
| 386959.92  | 3825146.81          | 2.64635  | (20010724) | 386937.90 |
| 3825137.55 | 2.73439 (20010724)  |          |            |           |
| 386915.88  | 3825128.29          | 2.81082  | (20010724) | 386893.86 |
| 3825119.03 | 2.87457 (20010724)  |          |            |           |
| 386871.83  | 3825109.77          | 2.92475  | (20010724) | 386849.81 |
| 3825100.51 | 2.96065 (20010724)  |          |            |           |
| 386827.79  | 3825091.25          | 2.98178  | (20010724) | 386805.77 |
| 3825081.99 | 2.98789 (20010724)  |          |            |           |
| 386783.75  | 3825072.73          | 2.97895  | (20010724) | 386761.73 |
| 3825063.47 | 2.95513 (20010724)  |          |            |           |
| 386739.71  | 3825054.21          | 3.03695  | (19120508) | 386717.68 |
| 3825044.95 | 3.11066 (19120508)  |          |            |           |
| 386695.66  | 3825035.69          | 3.17263  | (19120508) | 386673.64 |
| 3825026.43 | 3.22208 (19120508)  |          |            |           |
| 386651.62  | 3825017.17          | 3.25841  | (19120508) | 386629.60 |
| 3825007.91 | 3.28117 (19120508)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386607.58  | 3824998.65 | 3.29009    | (19120508) | 386585.56 |
| 3824989.39 | 3.28511    | (19120508) |            |           |
| 386563.53  | 3824980.12 | 3.26632    | (19120508) | 386541.51 |
| 3824970.86 | 3.23405    | (19120508) |            |           |
| 386519.49  | 3824961.60 | 3.18878    | (19120508) | 386497.47 |
| 3824952.34 | 3.13116    | (19120508) |            |           |
| 386475.45  | 3824943.08 | 3.06198    | (19120508) | 386453.43 |
| 3824933.82 | 2.98217    | (19120508) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 885

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 386431.41   | 3824924.56  | 2.89276    | (19120508) | 386409.38   |
| 3824915.30  | 2.79486     | (19120508) |            |             |
| 386387.36   | 3824906.04  | 2.76580    | (17010724) | 386365.34   |
| 3824896.78  | 2.88033     | (17010724) |            |             |
| 386343.32   | 3824887.52  | 2.98608    | (17010724) | 386321.30   |
| 3824878.26  | 3.08086     | (17010724) |            |             |
| 386299.28   | 3824869.00  | 3.16347    | (17010724) | 386267.86   |
| 3824837.78  | 3.29485     | (17010724) |            |             |
| 386258.47   | 3824815.81  | 3.34190    | (17010724) | 386249.08   |
| 3824793.84  | 3.37328     | (17010724) |            |             |
| 386239.69   | 3824771.88  | 3.38845    | (17010724) | 386230.30   |
| 3824749.91  | 3.38716     | (17010724) |            |             |
| 386220.91   | 3824727.95  | 3.36936    | (17010724) | 386211.52   |
| 3824705.98  | 3.33524     | (17010724) |            |             |
| 386202.13   | 3824684.01  | 3.28524    | (17010724) | 386192.74   |
| 3824662.05  | 3.22004     | (17010724) |            |             |
| 386183.35   | 3824640.08  | 3.21022    | (18111108) | 386173.95   |
| 3824618.12  | 3.31868     | (18111108) |            |             |
| 386164.56   | 3824596.15  | 3.41846    | (18111108) | 386155.17   |
| 3824574.18  | 3.50878     | (18111108) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386145.78  | 3824552.22         | 3.58894 | (18111108) | 386136.39 |
| 3824530.25 | 3.65843 (18111108) |         |            |           |
| 386127.00  | 3824508.29         | 3.71674 | (18111108) | 386117.61 |
| 3824486.32 | 3.76358 (18111108) |         |            |           |
| 386108.22  | 3824464.35         | 3.79868 | (18111108) | 386098.83 |
| 3824442.39 | 3.82191 (18111108) |         |            |           |
| 386089.44  | 3824420.42         | 3.83326 | (18111108) | 386080.04 |
| 3824398.46 | 3.83278 (18111108) |         |            |           |
| 386070.65  | 3824376.49         | 3.82064 | (18111108) | 386061.26 |
| 3824354.52 | 3.79705 (18111108) |         |            |           |
| 386051.87  | 3824332.56         | 3.76235 | (18111108) | 386042.48 |
| 3824310.59 | 3.71687 (18111108) |         |            |           |
| 386033.09  | 3824288.62         | 3.66106 | (18111108) | 386023.70 |
| 3824266.66 | 3.59540 (18111108) |         |            |           |
| 386014.31  | 3824244.69         | 3.52039 | (18111108) | 386004.92 |
| 3824222.73 | 3.43663 (18111108) |         |            |           |
| 385995.53  | 3824200.76         | 3.34468 | (18111108) | 385986.14 |
| 3824178.79 | 3.24519 (18111108) |         |            |           |
| 385976.74  | 3824156.83         | 3.13885 | (18111108) | 385967.35 |
| 3824134.86 | 3.02634 (18111108) |         |            |           |
| 385957.96  | 3824112.90         | 2.97103 | (18070508) | 385948.57 |
| 3824090.93 | 2.93307 (18070508) |         |            |           |
| 385939.18  | 3824068.96         | 2.89593 | (19111224) | 385929.79 |
| 3824047.00 | 2.96657 (19111224) |         |            |           |
| 385920.40  | 3824025.03         | 3.02297 | (19111224) | 385911.01 |
| 3824003.07 | 3.06419 (19111224) |         |            |           |
| 385901.62  | 3823981.10         | 3.08956 | (19111224) | 385892.23 |
| 3823959.13 | 3.09861 (19111224) |         |            |           |
| 385882.83  | 3823937.17         | 3.09113 | (19111224) | 385873.44 |
| 3823915.20 | 3.06721 (19111224) |         |            |           |
| 385864.05  | 3823893.24         | 3.02719 | (19111224) | 385854.66 |
| 3823871.27 | 2.97162 (19111224) |         |            |           |
| 385845.27  | 3823849.30         | 2.90135 | (19111224) | 385835.88 |
| 3823827.34 | 2.81744 (19111224) |         |            |           |
| 385826.49  | 3823805.37         | 2.72110 | (19111224) | 385817.10 |
| 3823783.41 | 2.61379 (19111224) |         |            |           |
| 385807.71  | 3823761.44         | 2.52156 | (19112124) | 385798.32 |
| 3823739.47 | 2.63835 (19112124) |         |            |           |
| 385788.92  | 3823717.51         | 2.74561 | (19112124) | 385779.53 |
| 3823695.54 | 2.84175 (19112124) |         |            |           |
| 385770.14  | 3823673.58         | 2.92523 | (19112124) | 385760.75 |
| 3823651.61 | 3.04209 (20022908) |         |            |           |
| 385751.36  | 3823629.64         | 3.29576 | (20022908) | 385741.97 |
| 3823607.68 | 3.55275 (20022908) |         |            |           |
| 385732.58  | 3823585.71         | 3.81085 | (20022908) | 385723.19 |
| 3823563.75 | 4.06727 (20022908) |         |            |           |
| 385713.80  | 3823541.78         | 4.31943 | (20022908) | 385704.41 |
| 3823519.81 | 4.56437 (20022908) |         |            |           |
| 385695.02  | 3823497.85         | 4.79905 | (20022908) | 385685.62 |
| 3823475.88 | 5.02075 (20022908) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385676.23  | 3823453.92 | 5.22631    | (20022908) | 385666.84 |
| 3823431.95 | 5.41314    | (20022908) |            |           |
| 385657.45  | 3823409.98 | 5.57855    | (20022908) | 385648.06 |
| 3823388.02 | 5.72012    | (20022908) |            |           |
| 385638.67  | 3823366.05 | 5.83588    | (20022908) | 385629.28 |
| 3823344.09 | 5.92397    | (20022908) |            |           |
| 385619.89  | 3823322.12 | 5.98312    | (20022908) | 385610.50 |
| 3823300.15 | 6.01234    | (20022908) |            |           |
| 385601.11  | 3823278.19 | 6.01112    | (20022908) | 385591.71 |
| 3823256.22 | 5.97941    | (20022908) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 886

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 385582.32   | 3823234.26  | 5.91768    | (20022908) | 385572.93   |
| 3823212.29  | 5.82673     | (20022908) |            |             |
| 385563.54   | 3823190.32  | 5.70787    | (20022908) | 385554.15   |
| 3823168.36  | 5.56286     | (20022908) |            |             |
| 385544.76   | 3823146.39  | 5.39366    | (20022908) | 385535.37   |
| 3823124.43  | 5.20273     | (20022908) |            |             |
| 385525.98   | 3823102.46  | 4.99259    | (20022908) | 385516.59   |
| 3823080.49  | 4.76611     | (20022908) |            |             |
| 385507.20   | 3823058.53  | 4.52634    | (20022908) | 385497.80   |
| 3823036.56  | 4.27607     | (20022908) |            |             |
| 385488.41   | 3823014.60  | 4.01863    | (20022908) | 385479.02   |
| 3822992.63  | 3.75678     | (20022908) |            |             |
| 385469.63   | 3822970.66  | 3.56235    | (16102124) | 385460.24   |
| 3822948.70  | 3.52624     | (16102124) |            |             |
| 385450.85   | 3822926.73  | 3.47018    | (16102124) | 385441.46   |
| 3822904.77  | 3.41582     | (19112108) |            |             |
| 385432.07   | 3822882.80  | 3.49228    | (19112108) | 385422.68   |
| 3822860.83  | 3.54965     | (19112108) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385413.29  | 3822838.87         | 3.58688 | (19112108) | 385403.90 |
| 3822816.90 | 3.60330 (19112108) |         |            |           |
| 385394.50  | 3822794.93         | 3.59857 | (19112108) | 385385.11 |
| 3822772.97 | 3.62612 (19020208) |         |            |           |
| 385375.72  | 3822751.00         | 3.71955 | (19020208) | 385366.33 |
| 3822729.04 | 3.79825 (19020208) |         |            |           |
| 385356.94  | 3822707.07         | 3.86088 | (19020208) | 385347.55 |
| 3822685.10 | 3.90621 (19020208) |         |            |           |
| 385338.16  | 3822663.14         | 3.93329 | (19020208) | 385328.77 |
| 3822641.17 | 3.94150 (19020208) |         |            |           |
| 385319.38  | 3822619.21         | 3.93048 | (19020208) | 385309.99 |
| 3822597.24 | 3.90021 (19020208) |         |            |           |
| 385300.59  | 3822575.27         | 3.85094 | (19020208) | 385291.20 |
| 3822553.31 | 3.78334 (19020208) |         |            |           |
| 385281.81  | 3822531.34         | 3.77604 | (18022808) | 385272.42 |
| 3822509.38 | 3.84895 (18022808) |         |            |           |
| 385263.03  | 3822487.41         | 3.90202 | (18022808) | 385253.64 |
| 3822465.44 | 3.93416 (18022808) |         |            |           |
| 385244.25  | 3822443.48         | 3.94469 | (18022808) | 385234.86 |
| 3822421.51 | 3.93334 (18022808) |         |            |           |
| 385225.47  | 3822399.55         | 3.90019 | (18022808) | 385216.08 |
| 3822377.58 | 3.84572 (18022808) |         |            |           |
| 385206.68  | 3822355.61         | 3.77078 | (18022808) | 385197.29 |
| 3822333.65 | 3.67666 (18022808) |         |            |           |
| 385187.90  | 3822311.68         | 3.56481 | (18022808) | 385178.51 |
| 3822289.72 | 3.43713 (18022808) |         |            |           |
| 385169.12  | 3822267.75         | 3.29555 | (18022808) | 385159.73 |
| 3822245.78 | 3.15459 (19022324) |         |            |           |
| 385150.34  | 3822223.82         | 3.15934 | (19122824) | 385140.95 |
| 3822201.85 | 3.28484 (19122824) |         |            |           |
| 385131.56  | 3822179.89         | 3.39455 | (19122824) | 385122.17 |
| 3822157.92 | 3.48667 (19122824) |         |            |           |
| 385112.78  | 3822135.95         | 3.55950 | (19122824) | 385103.38 |
| 3822113.99 | 3.61170 (19122824) |         |            |           |
| 385093.99  | 3822092.02         | 3.64232 | (19122824) | 385084.60 |
| 3822070.06 | 3.65077 (19122824) |         |            |           |
| 385075.21  | 3822048.09         | 3.63686 | (19122824) | 385065.82 |
| 3822026.12 | 3.60082 (19122824) |         |            |           |
| 385056.43  | 3822004.16         | 3.54329 | (19122824) | 385047.04 |
| 3821982.19 | 3.46526 (19122824) |         |            |           |
| 385037.65  | 3821960.23         | 3.41671 | (18120624) | 385028.26 |
| 3821938.26 | 3.47364 (18120624) |         |            |           |
| 385018.87  | 3821916.29         | 3.50981 | (18120624) | 385009.47 |
| 3821894.33 | 3.52453 (18120624) |         |            |           |
| 385000.08  | 3821872.36         | 3.51751 | (18120624) | 384990.69 |
| 3821850.40 | 3.48888 (18120624) |         |            |           |
| 384981.30  | 3821828.43         | 3.43911 | (18120624) | 384971.91 |
| 3821806.46 | 3.36909 (18120624) |         |            |           |
| 384962.52  | 3821784.50         | 3.43138 | (20120624) | 384953.13 |
| 3821762.53 | 3.49478 (20120624) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384943.74  | 3821740.57 | 3.53732    | (20120624) | 384934.35 |
| 3821718.60 | 3.55823    | (20120624) |            |           |
| 384924.96  | 3821696.63 | 3.55709    | (20120624) | 384915.56 |
| 3821674.67 | 3.53388    | (20120624) |            |           |
| 384906.17  | 3821652.70 | 3.48902    | (20120624) | 384896.78 |
| 3821630.74 | 3.42617    | (19010824) |            |           |
| 384887.39  | 3821608.77 | 3.51704    | (19010824) | 384878.00 |
| 3821586.80 | 3.58788    | (19010824) |            |           |
| 384868.61  | 3821564.84 | 3.66818    | (16102924) | 384859.22 |
| 3821542.87 | 3.95125    | (16102924) |            |           |
| 384849.83  | 3821520.91 | 4.23193    | (16102924) | 384840.44 |
| 3821498.94 | 4.50701    | (16102924) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 887

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 384831.05   | 3821476.97  | 4.77283    | (16102924) | 384821.66   |
| 3821455.01  | 5.02569     | (16102924) |            |             |
| 384812.26   | 3821433.04  | 5.26224    | (16102924) | 384802.87   |
| 3821411.08  | 5.47875     | (16102924) |            |             |
| 384793.48   | 3821389.11  | 5.67216    | (16102924) | 384784.09   |
| 3821367.14  | 5.83936     | (16102924) |            |             |
| 384774.70   | 3821345.18  | 5.97765    | (16102924) | 384765.31   |
| 3821323.21  | 6.08490     | (16102924) |            |             |
| 384755.92   | 3821301.24  | 6.15930    | (16102924) | 384746.53   |
| 3821279.28  | 6.19960     | (16102924) |            |             |
| 384737.14   | 3821257.31  | 6.20517    | (16102924) | 384727.75   |
| 3821235.35  | 6.17592     | (16102924) |            |             |
| 384718.35   | 3821213.38  | 6.11228    | (16102924) | 384708.96   |
| 3821191.41  | 6.01537     | (16102924) |            |             |
| 384699.57   | 3821169.45  | 5.88680    | (16102924) | 384690.18   |
| 3821147.48  | 5.72858     | (16102924) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384680.79  | 3821125.52         | 5.54334 | (16102924) | 384671.40 |
| 3821103.55 | 5.33387 (16102924) |         |            |           |
| 384662.01  | 3821081.58         | 5.10340 | (16102924) | 384652.62 |
| 3821059.62 | 4.85547 (16102924) |         |            |           |
| 384643.23  | 3821037.65         | 4.59343 | (16102924) | 384633.84 |
| 3821015.69 | 4.32107 (16102924) |         |            |           |
| 384624.44  | 3820993.72         | 4.04172 | (16102924) | 384615.05 |
| 3820971.75 | 3.75904 (16102924) |         |            |           |
| 384605.66  | 3820949.79         | 3.47638 | (16102924) | 384596.27 |
| 3820927.82 | 3.19660 (16102924) |         |            |           |
| 384586.88  | 3820905.86         | 2.92268 | (16102924) | 384577.49 |
| 3820883.89 | 2.84902 (17090908) |         |            |           |
| 384568.10  | 3820861.92         | 2.90408 | (17090908) | 384558.71 |
| 3820839.96 | 2.94158 (17090908) |         |            |           |
| 384549.32  | 3820817.99         | 2.96085 | (17090908) | 384539.93 |
| 3820796.03 | 2.96149 (17090908) |         |            |           |
| 384530.54  | 3820774.06         | 2.94351 | (17090908) | 384521.14 |
| 3820752.09 | 2.90723 (17090908) |         |            |           |
| 384511.75  | 3820730.13         | 2.92204 | (18121624) | 384502.36 |
| 3820708.16 | 3.00113 (18121624) |         |            |           |
| 384492.97  | 3820686.20         | 3.06295 | (18121624) | 384483.58 |
| 3820664.23 | 3.10641 (18121624) |         |            |           |
| 384474.19  | 3820642.26         | 3.13068 | (18121624) | 384464.80 |
| 3820620.30 | 3.13530 (18121624) |         |            |           |
| 384455.41  | 3820598.33         | 3.15716 | (16122224) | 384446.02 |
| 3820576.37 | 3.28787 (16122224) |         |            |           |
| 384436.63  | 3820554.40         | 3.40252 | (16122224) | 384427.23 |
| 3820532.43 | 3.48258 (16122224) |         |            |           |
| 384417.84  | 3820510.47         | 3.43881 | (16122224) | 384408.45 |
| 3820488.50 | 3.38077 (16122224) |         |            |           |
| 384399.06  | 3820466.54         | 3.34340 | (16122224) | 384389.67 |
| 3820444.57 | 3.32864 (16122224) |         |            |           |
| 384380.28  | 3820422.60         | 3.32923 | (16122224) | 384370.89 |
| 3820400.64 | 3.32345 (16122224) |         |            |           |
| 384361.50  | 3820378.67         | 3.30409 | (16122224) | 384352.11 |
| 3820356.71 | 3.28070 (16122224) |         |            |           |
| 384342.72  | 3820334.74         | 3.28850 | (18121524) | 384333.32 |
| 3820312.77 | 3.36030 (18121524) |         |            |           |
| 384323.93  | 3820290.81         | 3.40633 | (18121524) | 384314.54 |
| 3820268.84 | 3.44888 (18121524) |         |            |           |
| 384305.15  | 3820246.88         | 3.48540 | (18121524) | 384295.76 |
| 3820224.91 | 3.49216 (18121524) |         |            |           |
| 384286.37  | 3820202.94         | 3.44447 | (18121524) | 384276.98 |
| 3820180.98 | 3.44766 (17013024) |         |            |           |
| 384267.59  | 3820159.01         | 3.53258 | (17013024) | 384258.20 |
| 3820137.05 | 3.59696 (17013024) |         |            |           |
| 384248.81  | 3820115.08         | 3.63967 | (17013024) | 384239.42 |
| 3820093.11 | 3.65992 (17013024) |         |            |           |
| 384230.02  | 3820071.15         | 3.65733 | (17013024) | 384220.63 |
| 3820049.18 | 3.63199 (17013024) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384211.24  | 3820027.22         | 3.58439 | (17013024) | 384201.85 |
| 3820005.25 | 3.51541 (17013024) |         |            |           |
| 384192.46  | 3819983.28         | 3.50644 | (18102824) | 384183.07 |
| 3819961.32 | 3.57565 (18102824) |         |            |           |
| 384173.68  | 3819939.35         | 3.62359 | (18102824) | 384164.29 |
| 3819917.38 | 3.64937 (18102824) |         |            |           |
| 384154.90  | 3819895.42         | 3.65254 | (18102824) | 384145.51 |
| 3819873.45 | 3.63305 (18102824) |         |            |           |
| 384136.11  | 3819851.49         | 3.59131 | (18102824) | 384126.72 |
| 3819829.52 | 3.52809 (18102824) |         |            |           |
| 384117.33  | 3819807.55         | 3.44457 | (18102824) | 384107.94 |
| 3819785.59 | 3.34231 (18102824) |         |            |           |
| 384098.55  | 3819763.62         | 3.22305 | (18102824) | 384089.16 |
| 3819741.66 | 3.08896 (18102824) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 888

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 384079.77   | 3819719.69         | 2.94218    | (18102824) | 384070.38   |
| 3819697.72  | 2.79921 (20011508) |            |            |             |
| 384060.99   | 3819675.76         | 2.77010    | (20011508) | 384051.60   |
| 3819653.79  | 2.84926 (17111124) |            |            |             |
| 384042.20   | 3819631.83         | 2.93332    | (17111124) | 384032.81   |
| 3819609.86  | 3.00132 (17111124) |            |            |             |
| 384023.42   | 3819587.89         | 3.05204    | (17111124) | 384014.03   |
| 3819565.93  | 3.08456 (17111124) |            |            |             |
| 384004.64   | 3819543.96         | 3.13916    | (18031108) | 383995.25   |
| 3819522.00  | 3.27611 (18031108) |            |            |             |
| 383985.86   | 3819500.03         | 3.40404    | (18031108) | 383976.47   |
| 3819478.06  | 3.52146 (18031108) |            |            |             |
| 383967.08   | 3819456.10         | 3.62706    | (18031108) | 383957.69   |
| 3819434.13  | 3.71989 (18031108) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 383948.30  | 3819412.17         | 3.79909 | (18031108) | 383938.90 |
| 3819390.20 | 3.86422 (18031108) |         |            |           |
| 383929.51  | 3819368.23         | 3.91500 | (18031108) | 383920.12 |
| 3819346.27 | 3.95148 (18031108) |         |            |           |
| 383910.73  | 3819324.30         | 3.97406 | (18031108) | 383901.34 |
| 3819302.34 | 3.98332 (18031108) |         |            |           |
| 383891.95  | 3819280.37         | 3.98013 | (18031108) | 383882.56 |
| 3819258.40 | 3.96556 (18031108) |         |            |           |
| 383873.17  | 3819236.44         | 3.94081 | (18031108) | 383863.78 |
| 3819214.47 | 3.90722 (18031108) |         |            |           |
| 383854.39  | 3819192.51         | 3.86618 | (18031108) | 383844.99 |
| 3819170.54 | 3.81906 (18031108) |         |            |           |
| 383835.60  | 3819148.57         | 3.76722 | (18031108) | 383826.21 |
| 3819126.61 | 3.71191 (18031108) |         |            |           |
| 383816.82  | 3819104.64         | 3.65420 | (18031108) | 383807.43 |
| 3819082.68 | 3.59506 (18031108) |         |            |           |
| 383798.04  | 3819060.71         | 3.53517 | (18031108) | 383788.65 |
| 3819038.74 | 3.47505 (18031108) |         |            |           |
| 383779.26  | 3819016.78         | 3.41504 | (18031108) | 383769.87 |
| 3818994.81 | 3.40000 (17121524) |         |            |           |
| 383760.48  | 3818972.85         | 3.39790 | (17121524) | 383751.08 |
| 3818950.88 | 3.37567 (17121524) |         |            |           |
| 383741.69  | 3818928.91         | 3.33374 | (17121524) | 383732.30 |
| 3818906.95 | 3.39716 (17030408) |         |            |           |
| 383722.91  | 3818884.98         | 3.44681 | (17030408) | 383713.52 |
| 3818863.02 | 3.49289 (16111424) |         |            |           |
| 383704.13  | 3818841.05         | 3.54233 | (16111424) | 383694.74 |
| 3818819.08 | 3.57132 (16111424) |         |            |           |
| 383685.35  | 3818797.12         | 3.57939 | (16111424) | 383675.96 |
| 3818775.15 | 3.56645 (16111424) |         |            |           |
| 383666.57  | 3818753.19         | 3.53279 | (16111424) | 383657.18 |
| 3818731.22 | 3.47901 (16111424) |         |            |           |
| 383647.78  | 3818709.25         | 3.40608 | (16111424) | 383638.39 |
| 3818687.29 | 3.31535 (16111424) |         |            |           |
| 383629.00  | 3818665.32         | 3.20828 | (16111424) | 383619.61 |
| 3818643.36 | 3.08676 (16111424) |         |            |           |
| 383610.22  | 3818621.39         | 2.95264 | (16111424) | 383600.83 |
| 3818599.42 | 2.95327 (17011708) |         |            |           |
| 383591.44  | 3818577.46         | 3.08458 | (17011708) | 383582.05 |
| 3818555.49 | 3.20310 (17011708) |         |            |           |
| 383572.66  | 3818533.53         | 3.30687 | (17011708) | 383563.27 |
| 3818511.56 | 3.39434 (17011708) |         |            |           |
| 383553.87  | 3818489.59         | 3.46405 | (17011708) | 383544.48 |
| 3818467.63 | 3.51487 (17011708) |         |            |           |
| 383535.09  | 3818445.66         | 3.54602 | (17011708) | 383525.70 |
| 3818423.69 | 3.55699 (17011708) |         |            |           |
| 383516.31  | 3818401.73         | 3.54765 | (17011708) | 383506.92 |
| 3818379.76 | 3.51821 (17011708) |         |            |           |
| 383497.53  | 3818357.80         | 3.46925 | (17011708) | 383488.14 |
| 3818335.83 | 3.36976 (17011708) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 383478.75  | 3818313.86 | 3.15894    | (17011708) | 383469.36 |
| 3818291.90 | 2.93084    | (17011708) |            |           |
| 383459.96  | 3818269.93 | 2.78133    | (18030608) | 383450.57 |
| 3818247.97 | 2.69679    | (18030608) |            |           |
| 383441.18  | 3818226.00 | 2.62455    | (18030608) | 383431.79 |
| 3818204.03 | 2.54003    | (18030608) |            |           |
| 383422.40  | 3818182.07 | 2.43696    | (18030608) | 383413.01 |
| 3818160.10 | 2.32971    | (18030608) |            |           |
| 383403.62  | 3818138.14 | 2.25979    | (17030224) | 383394.23 |
| 3818116.17 | 2.25058    | (17030224) |            |           |
| 383384.84  | 3818094.20 | 2.22503    | (17030224) | 383375.45 |
| 3818072.24 | 2.20181    | (17030224) |            |           |
| 383366.06  | 3818050.27 | 2.11419    | (17030224) | 383356.66 |
| 3818028.31 | 2.03051    | (17030224) |            |           |
| 383347.27  | 3818006.34 | 2.01919m   | (19011124) | 383337.88 |
| 3817984.37 | 2.04497m   | (19011124) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 889

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 383328.49   | 3817962.41  | 2.03600m   | (19011124) | 383319.10   |
| 3817940.44  | 2.00313m    | (19011124) |            |             |
| 383309.71   | 3817918.48  | 1.96760m   | (19011124) | 383300.32   |
| 3817896.51  | 1.93316m    | (19011124) |            |             |
| 383290.93   | 3817874.54  | 1.89512m   | (19011124) | 383281.54   |
| 3817852.58  | 1.84876m    | (19011124) |            |             |
| 383272.15   | 3817830.61  | 1.80288m   | (19011124) | 383262.75   |
| 3817808.65  | 1.74379m    | (19011124) |            |             |
| 383253.36   | 3817786.68  | 1.67206m   | (19011124) | 383243.97   |
| 3817764.71  | 1.60445m    | (19011124) |            |             |
| 383234.58   | 3817742.75  | 1.53570m   | (19011124) | 383225.19   |
| 3817720.78  | 1.44236m    | (19011124) |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 383215.80  | 3817698.82          | 1.31517m (19011124) | 383206.41 |
| 3817676.85 | 1.18380m (19011124) |                     |           |
| 383197.02  | 3817654.88          | 1.17759 (19120324)  | 383187.63 |
| 3817632.92 | 1.24833 (19120324)  |                     |           |
| 383178.24  | 3817610.95          | 1.29300 (19120324)  | 383168.85 |
| 3817588.99 | 1.28763 (19120324)  |                     |           |
| 383159.45  | 3817567.02          | 1.31482 (19120324)  | 383150.06 |
| 3817545.05 | 1.38220 (19120324)  |                     |           |
| 383140.67  | 3817523.09          | 1.49200 (19120324)  | 383131.28 |
| 3817501.12 | 1.69091 (19120324)  |                     |           |
| 383121.89  | 3817479.16          | 1.94420 (18111708)  | 383112.50 |
| 3817457.19 | 2.24718 (18111708)  |                     |           |
| 383103.11  | 3817435.22          | 2.42461 (18111708)  | 383093.72 |
| 3817413.26 | 2.47499 (18111708)  |                     |           |
| 383084.33  | 3817391.29          | 2.44627 (18111708)  | 383074.94 |
| 3817369.33 | 2.35328 (18111708)  |                     |           |
| 383065.54  | 3817347.36          | 2.23486 (18111708)  | 383056.15 |
| 3817325.39 | 2.11561 (18111708)  |                     |           |
| 383046.76  | 3817303.43          | 1.99094 (18111708)  | 383037.37 |
| 3817281.46 | 2.05187 (18111708)  |                     |           |
| 383027.98  | 3817259.50          | 2.10326 (18111708)  | 383018.59 |
| 3817237.53 | 2.20589 (18111708)  |                     |           |
| 383009.20  | 3817215.56          | 2.49829 (18111708)  | 382999.81 |
| 3817193.60 | 2.84377 (18111708)  |                     |           |
| 382990.42  | 3817171.63          | 3.18045 (18111708)  | 382981.03 |
| 3817149.67 | 3.52705 (18111708)  |                     |           |
| 382971.63  | 3817127.70          | 3.86534 (18111708)  | 382962.24 |
| 3817105.73 | 4.07808 (18111708)  |                     |           |
| 382952.85  | 3817083.77          | 4.22526 (18111708)  | 382943.46 |
| 3817061.80 | 4.22176 (18111708)  |                     |           |
| 382934.07  | 3817039.84          | 4.08840 (18111708)  | 382924.68 |
| 3817017.87 | 3.87589 (18111708)  |                     |           |
| 382915.29  | 3816995.90          | 3.61851 (18111708)  | 382905.90 |
| 3816973.94 | 3.31698 (18111708)  |                     |           |
| 382896.51  | 3816951.97          | 3.02129 (18111708)  | 382887.12 |
| 3816930.00 | 2.78083 (18111708)  |                     |           |
| 382877.73  | 3816908.04          | 2.70664 (18111708)  | 382868.33 |
| 3816886.07 | 2.69472 (18111708)  |                     |           |
| 382858.94  | 3816864.11          | 2.58987 (18111708)  | 382849.55 |
| 3816842.14 | 2.31677 (18111708)  |                     |           |
| 382840.16  | 3816820.17          | 2.07558 (18111708)  | 382830.77 |
| 3816798.21 | 1.96385 (19120224)  |                     |           |
| 382821.38  | 3816776.24          | 2.04178 (19120224)  | 382811.99 |
| 3816754.28 | 2.11158 (19120224)  |                     |           |
| 382802.60  | 3816732.31          | 2.05164 (19120224)  | 382793.21 |
| 3816710.34 | 2.00387 (17011308)  |                     |           |
| 394469.24  | 3828304.55          | 0.55773 (20071608)  | 394493.17 |
| 3828304.88 | 0.54967 (20071608)  |                     |           |
| 394517.10  | 3828305.20          | 0.55301 (20061108)  | 394541.03 |
| 3828305.53 | 0.55594 (20061108)  |                     |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394564.96  | 3828305.86 | 0.55865    | (20061108) | 394588.89 |
| 3828306.19 | 0.56132    | (20061108) |            |           |
| 394612.83  | 3828306.52 | 0.56298    | (20061108) | 394636.76 |
| 3828306.84 | 0.56331    | (20061108) |            |           |
| 394660.69  | 3828307.17 | 0.56344    | (20061108) | 394684.62 |
| 3828307.50 | 0.56307    | (20061108) |            |           |
| 394708.55  | 3828307.83 | 0.56230    | (20061108) | 394732.48 |
| 3828308.15 | 0.56146    | (20061108) |            |           |
| 394756.41  | 3828308.48 | 0.56020    | (20061108) | 394780.34 |
| 3828308.81 | 0.55664    | (20061108) |            |           |
| 394804.27  | 3828309.14 | 0.55144    | (20061108) | 394828.21 |
| 3828309.47 | 0.54643    | (20061108) |            |           |
| 394852.14  | 3828309.79 | 0.53853    | (20061108) | 394876.07 |
| 3828310.12 | 0.52864    | (20061108) |            |           |
| 394900.00  | 3828310.45 | 0.51922    | (20061108) | 395089.75 |
| 3816509.02 | 74.36466   | (17051616) |            |           |
| 395110.25  | 3816522.25 | 65.63067   | (16101516) | 395130.76 |
| 3816535.48 | 58.51296   | (16101516) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 890

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395151.26   | 3816548.71  | 53.56702   | (18112916) | 395171.77   |
| 3816561.93  | 52.61136    | (18112916) |            |             |
| 395192.28   | 3816575.16  | 52.19625   | (18112916) | 395212.78   |
| 3816588.39  | 52.03911    | (18112916) |            |             |
| 395233.29   | 3816601.62  | 48.52878   | (18112916) | 395253.79   |
| 3816614.85  | 41.31424    | (18112916) |            |             |
| 395274.30   | 3816628.07  | 36.44416   | (18112916) | 395294.80   |
| 3816641.30  | 33.50412    | (18112916) |            |             |
| 395315.31   | 3816654.53  | 32.20187   | (18112916) | 395335.81   |
| 3816667.76  | 31.00682    | (16061616) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395356.32  | 3816680.98          | 29.81731 | (16061616) | 395376.82 |
| 3816694.21 | 28.75009 (16061616) |          |            |           |
| 395397.33  | 3816707.44          | 27.67053 | (16061616) | 395417.83 |
| 3816720.67 | 26.50882 (16061616) |          |            |           |
| 395438.34  | 3816733.89          | 25.32981 | (16061616) | 395458.85 |
| 3816747.12 | 24.27351 (16061616) |          |            |           |
| 395479.35  | 3816760.35          | 23.48242 | (16061616) | 395499.86 |
| 3816773.58 | 22.62399 (16061616) |          |            |           |
| 395520.36  | 3816786.81          | 21.69692 | (16061616) | 395540.87 |
| 3816800.03 | 20.93216 (16061616) |          |            |           |
| 395561.37  | 3816813.26          | 20.33321 | (18022824) | 395581.88 |
| 3816826.49 | 20.12691 (18022824) |          |            |           |
| 395096.70  | 3816543.26          | 93.95343 | (16061616) | 395117.21 |
| 3816556.49 | 80.49871 (16061616) |          |            |           |
| 395137.71  | 3816569.71          | 71.57298 | (16061616) | 395158.22 |
| 3816582.94 | 67.63472 (16061616) |          |            |           |
| 395178.72  | 3816596.17          | 68.64533 | (16061616) | 395199.23 |
| 3816609.40 | 64.67105 (18091024) |          |            |           |
| 395219.73  | 3816622.63          | 58.45320 | (18091024) | 395240.24 |
| 3816635.85 | 48.64914 (18052516) |          |            |           |
| 395260.75  | 3816649.08          | 39.80593 | (18052516) | 395281.25 |
| 3816662.31 | 36.13926 (18052516) |          |            |           |
| 395301.76  | 3816675.54          | 34.36867 | (18052516) | 395322.26 |
| 3816688.76 | 32.60659 (18052516) |          |            |           |
| 395342.77  | 3816701.99          | 31.32828 | (18091024) | 395363.27 |
| 3816715.22 | 30.16949 (18091024) |          |            |           |
| 395383.78  | 3816728.45          | 29.13482 | (18091024) | 395404.28 |
| 3816741.67 | 27.93015 (18091024) |          |            |           |
| 395424.79  | 3816754.90          | 26.83407 | (18091024) | 395445.29 |
| 3816768.13 | 26.82989 (18022824) |          |            |           |
| 395465.80  | 3816781.36          | 26.70586 | (18022824) | 395486.30 |
| 3816794.59 | 25.88227 (18022824) |          |            |           |
| 395506.81  | 3816807.81          | 25.49696 | (18022824) | 395527.32 |
| 3816821.04 | 24.77202 (18022824) |          |            |           |
| 395547.82  | 3816834.27          | 24.02642 | (18022824) | 395568.33 |
| 3816847.50 | 23.55940 (18022824) |          |            |           |
| 395103.66  | 3816577.50          | 88.05883 | (17091416) | 395124.16 |
| 3816590.72 | 79.44652 (17091416) |          |            |           |
| 395144.67  | 3816603.95          | 74.28438 | (17091416) | 395165.17 |
| 3816617.18 | 71.02106 (19061316) |          |            |           |
| 395185.68  | 3816630.41          | 71.19584 | (18091024) | 395206.18 |
| 3816643.63 | 63.57973 (18091024) |          |            |           |
| 395226.69  | 3816656.86          | 50.31278 | (17091416) | 395247.19 |
| 3816670.09 | 42.77014 (17091416) |          |            |           |
| 395267.70  | 3816683.32          | 38.74886 | (17091416) | 395288.20 |
| 3816696.54 | 36.67406 (17091416) |          |            |           |
| 395308.71  | 3816709.77          | 35.58912 | (18091024) | 395329.21 |
| 3816723.00 | 34.25227 (18091024) |          |            |           |
| 395349.72  | 3816736.23          | 32.93222 | (18091024) | 395370.23 |
| 3816749.46 | 31.53926 (18091024) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395390.73  | 3816762.68 | 30.93470   | (18091024) | 395411.24 |
| 3816775.91 | 30.60236   | (18091024) |            |           |
| 395431.74  | 3816789.14 | 29.51150   | (18091024) | 395452.25 |
| 3816802.37 | 27.76785   | (18091024) |            |           |
| 395472.75  | 3816815.59 | 26.81595   | (18022824) | 395493.26 |
| 3816828.82 | 25.76112   | (18022824) |            |           |
| 395513.76  | 3816842.05 | 24.81978   | (18022824) | 395534.27 |
| 3816855.28 | 24.33156   | (18022824) |            |           |
| 395554.77  | 3816868.50 | 23.72487   | (18022824) | 395069.60 |
| 3816585.28 | 131.46754  | (16060524) |            |           |
| 395090.10  | 3816598.50 | 113.69988  | (16060524) | 395110.61 |
| 3816611.73 | 96.46725   | (16060524) |            |           |
| 395131.11  | 3816624.96 | 84.36014   | (17051524) | 395151.62 |
| 3816638.19 | 77.38143   | (17051524) |            |           |
| 395172.12  | 3816651.41 | 70.31601   | (17051524) | 395192.63 |
| 3816664.64 | 61.58759   | (17051524) |            |           |
| 395213.14  | 3816677.87 | 54.07088   | (17051524) | 395233.64 |
| 3816691.10 | 47.15792   | (17051524) |            |           |
| 395254.15  | 3816704.32 | 42.46865   | (17051524) | 395274.65 |
| 3816717.55 | 39.77470   | (17051524) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 891

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395295.16   | 3816730.78  | 37.16998   | (17051524) | 395315.66   |
| 3816744.01  | 34.92845    | (17020624) |            |             |
| 395336.17   | 3816757.24  | 32.83864   | (17020624) | 395356.67   |
| 3816770.46  | 31.06668    | (17020624) |            |             |
| 395377.18   | 3816783.69  | 29.89192   | (17020624) | 395397.68   |
| 3816796.92  | 28.19632    | (18091024) |            |             |
| 395418.19   | 3816810.15  | 26.59063   | (18091024) | 395438.69   |
| 3816823.37  | 25.27488    | (18091024) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816849.83 | 395459.20 | 3816836.60 | 24.14419   | (18091024) | 395479.71 |
|            |           | 23.21077   | (18091024) |            |           |
|            | 395500.21 | 3816863.06 | 22.57037   | (18091024) | 395520.72 |
| 3816876.28 |           | 21.90105   | (18022824) |            |           |
|            | 395541.22 | 3816889.51 | 21.66663   | (18022824) | 394980.98 |
| 3816587.61 |           | 216.38170  | (19092716) |            |           |
|            | 395083.50 | 3816653.75 | 99.59532   | (20040416) | 395104.01 |
| 3816666.98 |           | 86.31588   | (18050124) |            |           |
|            | 395124.52 | 3816680.20 | 77.64375   | (18050124) | 395145.02 |
| 3816693.43 |           | 66.51000   | (18050124) |            |           |
|            | 395165.53 | 3816706.66 | 59.56838   | (18061416) | 395186.03 |
| 3816719.89 |           | 53.33618   | (18061416) |            |           |
|            | 395206.54 | 3816733.11 | 48.38152   | (19042924) | 395227.04 |
| 3816746.34 |           | 45.32177   | (19042924) |            |           |
|            | 395247.55 | 3816759.57 | 43.56680   | (16080916) | 395268.05 |
| 3816772.80 |           | 42.19108   | (16080916) |            |           |
|            | 395288.56 | 3816786.02 | 39.99343   | (16080916) | 395309.06 |
| 3816799.25 |           | 38.37177   | (16060524) |            |           |
|            | 395329.57 | 3816812.48 | 36.44220   | (16060524) | 395350.07 |
| 3816825.71 |           | 34.63857   | (16060524) |            |           |
|            | 395370.58 | 3816838.94 | 32.68214   | (16060524) | 395391.09 |
| 3816852.16 |           | 30.71197   | (16060524) |            |           |
|            | 395411.59 | 3816865.39 | 28.80018   | (16060524) | 395432.10 |
| 3816878.62 |           | 27.20886   | (17071108) |            |           |
|            | 395452.60 | 3816891.85 | 25.58876   | (17051524) | 395473.11 |
| 3816905.07 |           | 24.65046   | (17110424) |            |           |
|            | 395493.61 | 3816918.30 | 23.74482   | (17110424) | 395514.12 |
| 3816931.53 |           | 22.87171   | (17110424) |            |           |
|            | 395097.41 | 3816722.22 | 70.54202   | (18081108) | 395117.92 |
| 3816735.45 |           | 68.71481   | (18081108) |            |           |
|            | 395138.42 | 3816748.67 | 64.29064   | (19092808) | 395158.93 |
| 3816761.90 |           | 58.77500   | (17103016) |            |           |
|            | 395179.43 | 3816775.13 | 53.04477   | (17103016) | 395199.94 |
| 3816788.36 |           | 50.48268   | (20040416) |            |           |
|            | 395220.44 | 3816801.59 | 47.32426   | (20040416) | 395240.95 |
| 3816814.81 |           | 44.53927   | (16011924) |            |           |
|            | 395261.45 | 3816828.04 | 41.00816   | (16011924) | 395281.96 |
| 3816841.27 |           | 37.05560   | (18050208) |            |           |
|            | 395302.47 | 3816854.50 | 34.79694   | (16073124) | 395322.97 |
| 3816867.72 |           | 32.60113   | (18052108) |            |           |
|            | 395343.48 | 3816880.95 | 31.70608   | (17071108) | 395363.98 |
| 3816894.18 |           | 31.87683   | (17071108) |            |           |
|            | 395384.49 | 3816907.41 | 31.68290   | (17071108) | 395404.99 |
| 3816920.63 |           | 31.33464   | (17071108) |            |           |
|            | 395425.50 | 3816933.86 | 30.73805   | (17071108) | 395446.00 |
| 3816947.09 |           | 30.12587   | (17071108) |            |           |
|            | 395466.51 | 3816960.32 | 29.38679   | (17071108) | 395487.01 |
| 3816973.55 |           | 28.54678   | (17071108) |            |           |
|            | 394947.28 | 3816684.87 | 80.57761   | (20101808) | 395029.30 |
| 3816737.78 |           | 61.27828   | (19092708) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395090.81  | 3816777.46 | 62.77106   | (19092716) | 395111.32 |
| 3816790.69 | 57.11945   | (19092724) |            |           |
| 395131.82  | 3816803.92 | 53.20153   | (19092724) | 395152.33 |
| 3816817.15 | 47.10867   | (19092724) |            |           |
| 395172.83  | 3816830.37 | 43.55527   | (18053008) | 395193.34 |
| 3816843.60 | 45.49864   | (18081108) |            |           |
| 395213.85  | 3816856.83 | 45.64125   | (18081108) | 395234.35 |
| 3816870.06 | 44.32937   | (18081108) |            |           |
| 395254.86  | 3816883.28 | 41.96566   | (18081108) | 395275.36 |
| 3816896.51 | 38.73342   | (18081108) |            |           |
| 395295.87  | 3816909.74 | 35.17925   | (18081108) | 395316.37 |
| 3816922.97 | 34.16101   | (16011924) |            |           |
| 395336.88  | 3816936.20 | 32.63352   | (16011924) | 395357.38 |
| 3816949.42 | 30.97350   | (16011924) |            |           |
| 395377.89  | 3816962.65 | 30.69080   | (16031824) | 395398.39 |
| 3816975.88 | 31.64531   | (16031824) |            |           |
| 395418.90  | 3816989.11 | 32.09986   | (16031824) | 395439.40 |
| 3817002.33 | 32.72392   | (16031824) |            |           |
| 395459.91  | 3817015.56 | 33.50300   | (16031824) | 395084.21 |
| 3816832.71 | 40.24316   | (17061908) |            |           |
| 395104.72  | 3816845.93 | 43.07673   | (18052208) | 395125.22 |
| 3816859.16 | 44.22507   | (18052208) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 892

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395145.73   | 3816872.39  | 43.96604   | (19092716) | 395166.24   |
| 3816885.62  | 41.08133    | (20041624) |            |             |
| 395186.74   | 3816898.85  | 39.46373   | (19092724) | 395207.25   |
| 3816912.07  | 36.57628    | (19092724) |            |             |
| 395227.75   | 3816925.30  | 35.83811   | (20040824) | 395248.26   |
| 3816938.53  | 39.75464    | (20040824) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816964.98 | 395268.76 | 3816951.76 | 41.60915   | (20040824) | 395289.27 |
|            |           | 42.04075   | (20040824) |            |           |
|            | 395309.77 | 3816978.21 | 41.08426   | (20040824) | 395330.28 |
| 3816991.44 |           | 38.53704   | (20040824) |            |           |
|            | 395350.78 | 3817004.67 | 37.57069   | (18012408) | 395371.29 |
| 3817017.89 |           | 41.32448   | (16122008) |            |           |
|            | 395391.79 | 3817031.12 | 46.65591   | (16122008) | 395412.30 |
| 3817044.35 |           | 53.03844   | (16122008) |            |           |
|            | 395432.81 | 3817057.58 | 60.58152   | (16122008) | 394913.57 |
| 3816782.13 |           | 61.78689   | (20031224) |            |           |
|            | 394995.59 | 3816835.04 | 48.19319   | (20101808) | 395016.10 |
| 3816848.27 |           | 45.25718   | (20101808) |            |           |
|            | 395036.60 | 3816861.50 | 45.54876   | (17091808) | 395057.11 |
| 3816874.72 |           | 46.52320   | (17091808) |            |           |
|            | 395077.62 | 3816887.95 | 43.37009   | (19061908) | 395098.12 |
| 3816901.18 |           | 42.42701   | (17072108) |            |           |
|            | 395118.63 | 3816914.41 | 43.46371   | (17072108) | 395139.13 |
| 3816927.63 |           | 44.74895c  | (18102108) |            |           |
|            | 395159.64 | 3816940.86 | 51.43027   | (16111008) | 395180.14 |
| 3816954.09 |           | 59.99216   | (16111008) |            |           |
|            | 395200.65 | 3816967.32 | 62.25000c  | (16051808) | 395221.15 |
| 3816980.54 |           | 59.57701c  | (16051808) |            |           |
|            | 395241.66 | 3816993.77 | 53.21095c  | (16051808) | 395262.16 |
| 3817007.00 |           | 47.20853   | (16101308) |            |           |
|            | 395282.67 | 3817020.23 | 49.80063   | (18101124) | 395303.17 |
| 3817033.46 |           | 55.52293   | (19120208) |            |           |
|            | 395323.68 | 3817046.68 | 56.59364   | (19120208) | 395344.19 |
| 3817059.91 |           | 57.28897   | (16122908) |            |           |
|            | 395364.69 | 3817073.14 | 59.78836   | (16122908) | 395385.20 |
| 3817086.37 |           | 61.53460c  | (17032608) |            |           |
|            | 395405.70 | 3817099.59 | 66.67647   | (18012408) | 394818.35 |
| 3816839.71 |           | 37.77286   | (20033008) |            |           |
|            | 394838.86 | 3816852.93 | 46.38908   | (20033008) | 394859.36 |
| 3816866.16 |           | 54.33915   | (20071608) |            |           |
|            | 394879.87 | 3816879.39 | 56.32831   | (19092508) | 394982.40 |
| 3816945.53 |           | 58.00491   | (20102808) |            |           |
|            | 395002.90 | 3816958.76 | 52.05555   | (19110908) | 395023.41 |
| 3816971.98 |           | 55.71313   | (17043008) |            |           |
|            | 395043.91 | 3816985.21 | 65.53480   | (18110308) | 395084.92 |
| 3817011.67 |           | 91.72755   | (18022808) |            |           |
|            | 395105.43 | 3817024.89 | 78.68107   | (16062608) | 395125.93 |
| 3817038.12 |           | 81.78273   | (16062608) |            |           |
|            | 395146.44 | 3817051.35 | 74.48733   | (17013024) | 395166.95 |
| 3817064.58 |           | 72.96810   | (17013024) |            |           |
|            | 395187.45 | 3817077.81 | 77.18176   | (19122908) | 395207.96 |
| 3817091.03 |           | 82.81763   | (16111808) |            |           |
|            | 395228.46 | 3817104.26 | 83.68769   | (16111808) | 395248.97 |
| 3817117.49 |           | 91.92050c  | (16051808) |            |           |
|            | 395269.47 | 3817130.72 | 107.71980c | (16051808) | 395289.98 |
| 3817143.94 |           | 111.76132c | (16051808) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395310.48  | 3817157.17 | 105.22162c | (16051808) | 395330.99 |
| 3817170.40 | 102.08834  | (20111608) |            |           |
| 395351.49  | 3817183.63 | 108.91884  | (20111608) | 394784.65 |
| 3816936.97 | 52.05959   | (16102908) |            |           |
| 394805.16  | 3816950.19 | 62.11016   | (19121308) | 394825.66 |
| 3816963.42 | 57.46272   | (20042508) |            |           |
| 394846.17  | 3816976.65 | 59.64218   | (19010308) | 394948.69 |
| 3817042.79 | 80.31318   | (20102808) |            |           |
| 394969.20  | 3817056.02 | 97.06719   | (20102808) | 394989.70 |
| 3817069.24 | 99.61252   | (20102808) |            |           |
| 395010.21  | 3817082.47 | 86.54276   | (20102808) | 395092.23 |
| 3817135.38 | 113.05105  | (18022808) |            |           |
| 395112.74  | 3817148.61 | 133.68883  | (18022808) | 395133.24 |
| 3817161.84 | 122.85123  | (18022808) |            |           |
| 395153.75  | 3817175.07 | 110.82836  | (20050808) | 395174.25 |
| 3817188.29 | 117.21624  | (20050808) |            |           |
| 395194.76  | 3817201.52 | 101.14938  | (20050808) | 395215.26 |
| 3817214.75 | 110.98685  | (19120308) |            |           |
| 395235.77  | 3817227.98 | 106.09631  | (19120308) | 395256.27 |
| 3817241.20 | 105.49683  | (20011908) |            |           |
| 395276.78  | 3817254.43 | 96.83685   | (20011908) | 395297.29 |
| 3817267.66 | 100.61488  | (16111808) |            |           |
| 394750.95  | 3817034.23 | 105.48986  | (16102908) | 394771.45 |
| 3817047.46 | 86.90596   | (16102908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 893

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394791.96   | 3817060.68  | 107.50973  | (19092024) | 394812.46   |
| 3817073.91  | 84.27184    | (16092808) |            |             |
| 394914.99   | 3817140.05  | 78.55950   | (19112408) | 394935.50   |
| 3817153.28  | 95.33493    | (19091808) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817179.73 | 394956.00 | 3817166.50 | 94.78915   | (19091808) | 394976.51 |
|            |           | 104.54878  | (16010908) |            |           |
|            | 395079.03 | 3817245.87 | 86.60423   | (19120408) | 395099.54 |
| 3817259.10 |           | 87.88635   | (20020524) |            |           |
|            | 395120.05 | 3817272.33 | 87.09364   | (20020524) | 395140.55 |
| 3817285.55 |           | 101.67236  | (18022808) |            |           |
|            | 395161.06 | 3817298.78 | 112.76314  | (18022808) | 395181.56 |
| 3817312.01 |           | 104.55480  | (18022808) |            |           |
|            | 395202.07 | 3817325.24 | 104.06534  | (20050808) | 395222.57 |
| 3817338.46 |           | 111.57313  | (20050808) |            |           |
|            | 395243.08 | 3817351.69 | 102.35209  | (20050808) | 394717.25 |
| 3817131.49 |           | 78.57488   | (17021124) |            |           |
|            | 394737.75 | 3817144.72 | 98.36535   | (16102908) | 394758.26 |
| 3817157.94 |           | 90.10661   | (19092024) |            |           |
|            | 394778.76 | 3817171.17 | 96.13659   | (19092024) | 394799.27 |
| 3817184.40 |           | 99.66188   | (16092808) |            |           |
|            | 394881.29 | 3817237.31 | 84.18512   | (18022608) | 394901.79 |
| 3817250.54 |           | 66.10729   | (19102024) |            |           |
|            | 394922.30 | 3817263.76 | 76.78398   | (19091808) | 394942.80 |
| 3817276.99 |           | 104.24690  | (19091808) |            |           |
|            | 395045.33 | 3817343.13 | 65.24450   | (16091508) | 395065.84 |
| 3817356.36 |           | 80.67450   | (16091508) |            |           |
|            | 395086.34 | 3817369.59 | 83.53718   | (16091508) | 395106.85 |
| 3817382.81 |           | 78.50768   | (19120408) |            |           |
|            | 395127.35 | 3817396.04 | 72.33222   | (20020524) | 395147.86 |
| 3817409.27 |           | 77.69292   | (20020524) |            |           |
|            | 395168.36 | 3817422.50 | 72.97926   | (20012608) | 395188.87 |
| 3817435.72 |           | 89.78532   | (18022808) |            |           |
|            | 394683.54 | 3817228.75 | 69.69226   | (17021124) | 394704.05 |
| 3817241.98 |           | 84.58111   | (16102908) |            |           |
|            | 394724.55 | 3817255.20 | 82.85879   | (16102908) | 394745.06 |
| 3817268.43 |           | 87.49234   | (19092024) |            |           |
|            | 394765.56 | 3817281.66 | 85.18466   | (19092024) | 394847.59 |
| 3817334.57 |           | 82.25423   | (19010308) |            |           |
|            | 394868.09 | 3817347.80 | 78.81683   | (18022608) | 394888.60 |
| 3817361.03 |           | 71.67443   | (19102024) |            |           |
|            | 394909.10 | 3817374.25 | 56.27567   | (18020224) | 394929.61 |
| 3817387.48 |           | 70.97937   | (19091808) |            |           |
|            | 394950.11 | 3817400.71 | 93.61459   | (19091808) | 394970.62 |
| 3817413.94 |           | 93.25975   | (19091808) |            |           |
|            | 394991.12 | 3817427.16 | 81.05451   | (16010908) | 395011.63 |
| 3817440.39 |           | 87.89608   | (16010908) |            |           |
|            | 395032.13 | 3817453.62 | 77.63877   | (16010908) | 395052.64 |
| 3817466.85 |           | 58.07553   | (20102808) |            |           |
|            | 395073.15 | 3817480.07 | 59.05389   | (16091508) | 395093.65 |
| 3817493.30 |           | 70.35603   | (16091508) |            |           |
|            | 395114.16 | 3817506.53 | 72.75791   | (16091508) | 395134.66 |
| 3817519.76 |           | 70.27548   | (19120408) |            |           |
|            | 394466.00 | 3817385.92 | 73.53172   | (20032008) | 394486.51 |
| 3817399.15 |           | 77.56837   | (20032008) |            |           |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817688.59 | 394453.51 | 3817675.37 | 60.89670   | (16022308) | 394474.02 |
|            |           | 67.64916   | (20032208) |            |           |
|            | 394494.52 | 3817701.82 | 75.00271   | (20032208) | 394515.03 |
| 3817715.05 |           | 69.74377   | (20032208) |            |           |
|            | 394535.53 | 3817728.28 | 55.05462   | (20032208) | 394556.04 |
| 3817741.51 |           | 43.58745   | (19112124) |            |           |
|            | 394576.55 | 3817754.73 | 44.20740   | (17021124) | 394597.05 |
| 3817767.96 |           | 54.16130   | (16102908) |            |           |
|            | 394617.56 | 3817781.19 | 53.40534   | (16102908) | 394699.58 |
| 3817834.10 |           | 48.29780   | (19092024) |            |           |
|            | 394720.08 | 3817847.33 | 50.80217   | (16092808) | 394740.59 |
| 3817860.55 |           | 65.38071   | (16092808) |            |           |
|            | 394761.09 | 3817873.78 | 71.54113   | (16092808) | 394781.60 |
| 3817887.01 |           | 66.23933   | (16092808) |            |           |
|            | 394802.10 | 3817900.24 | 51.97350   | (16092808) | 394822.61 |
| 3817913.47 |           | 49.83820   | (19010308) |            |           |
|            | 394843.12 | 3817926.69 | 44.50041   | (18022608) | 394863.62 |
| 3817939.92 |           | 44.52769   | (18022608) |            |           |
|            | 394194.96 | 3817806.08 | 37.48682   | (20011808) | 394215.47 |
| 3817819.31 |           | 38.31747   | (20022708) |            |           |
|            | 394235.97 | 3817832.54 | 39.78379   | (18020308) | 394256.48 |
| 3817845.77 |           | 45.26482   | (20032008) |            |           |
|            | 394276.98 | 3817858.99 | 49.01778   | (20032008) | 394297.49 |
| 3817872.22 |           | 49.95859   | (20032008) |            |           |
|            | 394317.99 | 3817885.45 | 47.51757   | (20032008) | 394338.50 |
| 3817898.68 |           | 45.19130   | (16022308) |            |           |
|            | 394359.00 | 3817911.90 | 50.22211   | (16022308) | 394379.51 |
| 3817925.13 |           | 48.67671   | (19122408) |            |           |
|            | 394400.01 | 3817938.36 | 57.58269   | (20032208) | 394420.52 |
| 3817951.59 |           | 61.63307   | (20032208) |            |           |
|            | 394625.57 | 3818083.86 | 47.01123   | (19092024) | 394646.08 |
| 3818097.09 |           | 45.52792   | (19092024) |            |           |
|            | 394666.58 | 3818110.32 | 38.08029   | (19092024) | 394687.09 |
| 3818123.55 |           | 40.34557   | (16092808) |            |           |
|            | 394707.60 | 3818136.77 | 51.22542   | (16092808) | 394728.10 |
| 3818150.00 |           | 57.86285   | (16092808) |            |           |
|            | 394059.44 | 3818016.16 | 35.86462   | (20092608) | 394079.95 |
| 3818029.39 |           | 32.56312   | (20011808) |            |           |
|            | 394100.45 | 3818042.62 | 31.31349   | (20022708) | 394120.96 |
| 3818055.85 |           | 33.60381   | (20022708) |            |           |
|            | 394141.46 | 3818069.07 | 34.75673   | (20032008) | 394161.97 |
| 3818082.30 |           | 38.65321   | (20032008) |            |           |
|            | 394182.47 | 3818095.53 | 40.88998   | (20032008) | 394202.98 |
| 3818108.76 |           | 41.40811   | (20032008) |            |           |
|            | 394428.54 | 3818254.26 | 29.91426   | (19112124) | 394449.04 |
| 3818267.49 |           | 30.58923   | (17021124) |            |           |
|            | 394469.55 | 3818280.72 | 33.17923   | (16102908) | 394490.05 |
| 3818293.95 |           | 37.15418   | (16102908) |            |           |
|            | 394510.56 | 3818307.17 | 36.77456   | (16102908) | 394531.06 |
| 3818320.40 |           | 33.22160   | (16082908) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394551.57  | 3818333.63 | 34.95143   | (16082908) | 394572.07 |
| 3818346.86 | 37.73175   | (19092024) |            |           |
| 394592.58  | 3818360.08 | 39.51851   | (19092024) | 393788.40 |
| 3818436.33 | 27.21002   | (20092608) |            |           |
| 393808.91  | 3818449.55 | 27.80315   | (20092608) | 394034.46 |
| 3818595.06 | 29.48413   | (20032008) |            |           |
| 394054.97  | 3818608.29 | 27.61688   | (20032008) | 394075.48 |
| 3818621.51 | 28.28368   | (16022308) |            |           |
| 394095.98  | 3818634.74 | 30.73659   | (16022308) | 394116.49 |
| 3818647.97 | 31.08236   | (16022308) |            |           |
| 394136.99  | 3818661.20 | 31.13479   | (19122408) | 394157.50 |
| 3818674.43 | 34.55464   | (19122408) |            |           |
| 394178.00  | 3818687.65 | 37.26690   | (20032208) | 394198.51 |
| 3818700.88 | 38.16008   | (20032208) |            |           |
| 394219.01  | 3818714.11 | 36.77213   | (20032208) | 394239.52 |
| 3818727.34 | 33.39973   | (20032208) |            |           |
| 394260.02  | 3818740.56 | 28.66587   | (20032208) | 394280.53 |
| 3818753.79 | 23.70711   | (19112124) |            |           |
| 394301.03  | 3818767.02 | 22.16678   | (19112124) | 394321.54 |
| 3818780.25 | 22.59513   | (17021124) |            |           |
| 393619.89  | 3818922.63 | 20.14014   | (20011808) | 393640.39 |
| 3818935.86 | 18.64111   | (20011808) |            |           |
| 393660.90  | 3818949.08 | 18.44453   | (20022708) | 393681.40 |
| 3818962.31 | 19.97590   | (20022708) |            |           |
| 393701.91  | 3818975.54 | 20.04088   | (20022708) | 393722.41 |
| 3818988.77 | 19.42870   | (18020308) |            |           |
| 393742.92  | 3819001.99 | 20.65714   | (20032008) | 393763.42 |
| 3819015.22 | 21.86802   | (20032008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 895

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393783.93  | 3819028.45 | 22.69542   | (20032008) | 393804.43 |
| 3819041.68 | 23.17414   | (20032008) |            |           |
| 393824.94  | 3819054.91 | 23.27321   | (20032008) | 393845.45 |
| 3819068.13 | 22.88811   | (20032008) |            |           |
| 393865.95  | 3819081.36 | 21.90746   | (20032008) | 393886.46 |
| 3819094.59 | 20.45292   | (16022308) |            |           |
| 393906.96  | 3819107.82 | 22.77240   | (16022308) | 393927.47 |
| 3819121.04 | 24.07474   | (16022308) |            |           |
| 393947.97  | 3819134.27 | 24.21974   | (16022308) | 393968.48 |
| 3819147.50 | 23.50938   | (19122408) |            |           |
| 393988.98  | 3819160.73 | 26.16687   | (19122408) | 394009.49 |
| 3819173.95 | 27.73655   | (20032208) |            |           |
| 394029.99  | 3819187.18 | 29.31256   | (20032208) | 394050.50 |
| 3819200.41 | 29.68039   | (20032208) |            |           |
| 393246.32  | 3819276.65 | 17.75928   | (16121408) | 393266.82 |
| 3819289.88 | 16.11373   | (16010508) |            |           |
| 393287.33  | 3819303.11 | 16.29246   | (19120508) | 393307.84 |
| 3819316.34 | 16.90705   | (20092608) |            |           |
| 393328.34  | 3819329.56 | 17.43652   | (20092608) | 393348.85 |
| 3819342.79 | 17.23536   | (20092608) |            |           |
| 393369.35  | 3819356.02 | 16.56225   | (20011808) | 393389.86 |
| 3819369.25 | 16.64657   | (20011808) |            |           |
| 393410.36  | 3819382.47 | 15.79564   | (20011808) | 393430.87 |
| 3819395.70 | 14.51825   | (18032008) |            |           |
| 393451.37  | 3819408.93 | 15.77470   | (20022708) | 393471.88 |
| 3819422.16 | 16.56242   | (20022708) |            |           |
| 393492.38  | 3819435.39 | 16.42793   | (20022708) | 393512.89 |
| 3819448.61 | 15.66844   | (18020308) |            |           |
| 393533.39  | 3819461.84 | 16.36595   | (20032008) | 393553.90 |
| 3819475.07 | 17.27113   | (20032008) |            |           |
| 393574.41  | 3819488.30 | 17.93882   | (20032008) | 393594.91 |
| 3819501.52 | 18.40392   | (20032008) |            |           |
| 393615.42  | 3819514.75 | 18.68054   | (20032008) | 393635.92 |
| 3819527.98 | 18.74118   | (20032008) |            |           |
| 393656.43  | 3819541.21 | 18.52254   | (20032008) | 393676.93 |
| 3819554.43 | 17.95719   | (20032008) |            |           |
| 393697.44  | 3819567.66 | 17.00124   | (20032008) | 393717.94 |
| 3819580.89 | 17.48833   | (16022308) |            |           |
| 393738.45  | 3819594.12 | 18.89480   | (16022308) | 393758.95 |
| 3819607.35 | 19.65652   | (16022308) |            |           |
| 393779.46  | 3819620.57 | 19.72004   | (16022308) | 392975.28 |
| 3819696.82 | 17.57586   | (16121408) |            |           |
| 392995.78  | 3819710.04 | 15.03566   | (16121408) | 393016.29 |
| 3819723.27 | 13.75528   | (17031324) |            |           |
| 393036.79  | 3819736.50 | 13.74467   | (19120508) | 393057.30 |
| 3819749.73 | 13.63507   | (20092608) |            |           |
| 393077.81  | 3819762.95 | 14.30504   | (20092608) | 393098.31 |
| 3819776.18 | 14.52285   | (20092608) |            |           |
| 393118.82  | 3819789.41 | 14.26396   | (20092608) | 393139.32 |
| 3819802.64 | 13.97507   | (20011808) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393159.83  | 3819815.87 | 14.08590   | (20011808) | 393180.33 |
| 3819829.09 | 13.57705   | (20011808) |            |           |
| 393200.84  | 3819842.32 | 12.51598   | (20011808) | 393221.34 |
| 3819855.55 | 12.64440   | (20022708) |            |           |
| 393241.85  | 3819868.78 | 13.61363   | (20022708) | 393262.35 |
| 3819882.00 | 14.02173   | (20022708) |            |           |
| 393282.86  | 3819895.23 | 13.81924   | (20022708) | 393303.36 |
| 3819908.46 | 13.03501   | (20022708) |            |           |
| 393323.87  | 3819921.69 | 13.39839   | (20032008) | 393344.38 |
| 3819934.91 | 14.09296   | (20032008) |            |           |
| 393364.88  | 3819948.14 | 14.62772   | (20032008) | 393385.39 |
| 3819961.37 | 15.02819   | (20032008) |            |           |
| 393405.89  | 3819974.60 | 15.31487   | (20032008) | 393426.40 |
| 3819987.83 | 15.49047   | (20032008) |            |           |
| 393446.90  | 3820001.05 | 15.53337   | (20032008) | 393467.41 |
| 3820014.28 | 15.40280   | (20032008) |            |           |
| 393487.91  | 3820027.51 | 15.05566   | (20032008) | 393508.42 |
| 3820040.74 | 14.45848   | (20032008) |            |           |
| 392252.50  | 3820817.25 | 14.40350   | (16121408) | 392273.01 |
| 3820830.48 | 13.61811   | (16121408) |            |           |
| 392293.51  | 3820843.71 | 12.56366   | (16121408) | 392314.02 |
| 3820856.93 | 11.30911   | (16121408) |            |           |
| 392334.53  | 3820870.16 | 9.93151    | (16121408) | 392355.03 |
| 3820883.39 | 9.54064    | (17031324) |            |           |
| 392375.54  | 3820896.62 | 9.41284    | (19120508) | 392396.04 |
| 3820909.85 | 9.50580    | (19120508) |            |           |
| 392416.55  | 3820923.07 | 9.34974    | (19120508) | 392437.05 |
| 3820936.30 | 9.57513    | (20092608) |            |           |
| 392457.56  | 3820949.53 | 9.77573    | (20092608) | 392478.06 |
| 3820962.76 | 9.78873    | (20092608) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 896

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392498.57  | 3820975.98          | 9.61383  | (20092608) | 392519.07 |
| 3820989.21 | 9.55962 (20011808)  |          |            |           |
| 392539.58  | 3821002.44          | 9.74778  | (20011808) | 392560.08 |
| 3821015.67 | 9.68335 (20011808)  |          |            |           |
| 392580.59  | 3821028.89          | 9.37204  | (20011808) | 392601.10 |
| 3821042.12 | 8.83795 (20011808)  |          |            |           |
| 392621.60  | 3821055.35          | 8.32010  | (18032008) | 392642.11 |
| 3821068.58 | 8.84402 (20022708)  |          |            |           |
| 392662.61  | 3821081.81          | 9.35334  | (20022708) | 392683.12 |
| 3821095.03 | 9.63982 (20022708)  |          |            |           |
| 392703.62  | 3821108.26          | 9.68246  | (20022708) | 392724.13 |
| 3821121.49 | 9.47887 (20022708)  |          |            |           |
| 392744.63  | 3821134.72          | 9.04534  | (20022708) | 392765.14 |
| 3821147.94 | 8.87070 (18020308)  |          |            |           |
| 392785.64  | 3821161.17          | 9.11764  | (20032008) | 391529.73 |
| 3821937.69 | 11.15259 (16121408) |          |            |           |
| 391550.23  | 3821950.91          | 10.99470 | (16121408) | 391570.74 |
| 3821964.14 | 10.66570 (16121408) |          |            |           |
| 391591.25  | 3821977.37          | 10.18080 | (16121408) | 391611.75 |
| 3821990.60 | 9.56217 (16121408)  |          |            |           |
| 391632.26  | 3822003.82          | 8.83665  | (16121408) | 391652.76 |
| 3822017.05 | 8.03466 (16121408)  |          |            |           |
| 391673.27  | 3822030.28          | 7.32945  | (17031324) | 391693.77 |
| 3822043.51 | 7.15116 (17031324)  |          |            |           |
| 391714.28  | 3822056.74          | 6.97237  | (19120508) | 391734.78 |
| 3822069.96 | 7.09804 (19120508)  |          |            |           |
| 391755.29  | 3822083.19          | 7.10087  | (19120508) | 391775.79 |
| 3822096.42 | 6.98084 (19120508)  |          |            |           |
| 391796.30  | 3822109.65          | 7.01841  | (19120108) | 391816.80 |
| 3822122.87 | 7.22428 (19120108)  |          |            |           |
| 391837.31  | 3822136.10          | 7.30797  | (19120108) | 391857.82 |
| 3822149.33 | 7.26522 (19120108)  |          |            |           |
| 391878.32  | 3822162.56          | 7.09852  | (19120108) | 391898.83 |
| 3822175.78 | 7.09511 (20011808)  |          |            |           |
| 391919.33  | 3822189.01          | 7.25831  | (20011808) | 391939.84 |
| 3822202.24 | 7.29798 (20011808)  |          |            |           |
| 391960.34  | 3822215.47          | 7.21230  | (20011808) | 391980.85 |
| 3822228.70 | 7.00585 (20011808)  |          |            |           |
| 392001.35  | 3822241.92          | 6.68950  | (20011808) | 392021.86 |
| 3822255.15 | 6.27862 (20011808)  |          |            |           |
| 392042.36  | 3822268.38          | 6.25387  | (20022708) | 392062.87 |
| 3822281.61 | 6.65908 (20022708)  |          |            |           |
| 390806.95  | 3823058.12          | 8.76295  | (16121408) | 390827.46 |
| 3823071.35 | 8.81525 (16121408)  |          |            |           |
| 390847.97  | 3823084.58          | 8.76681  | (16121408) | 390868.47 |
| 3823097.80 | 8.61925 (16121408)  |          |            |           |
| 390888.98  | 3823111.03          | 8.37723  | (16121408) | 390909.48 |
| 3823124.26 | 8.04887 (16121408)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390929.99  | 3823137.49 | 7.64455    | (16121408) | 390950.49 |
| 3823150.72 | 7.17722    | (16121408) |            |           |
| 390971.00  | 3823163.94 | 6.66079    | (16121408) | 390991.50 |
| 3823177.17 | 6.11023    | (16121408) |            |           |
| 391012.01  | 3823190.40 | 5.78789    | (17031324) | 391032.51 |
| 3823203.63 | 5.66584    | (17031324) |            |           |
| 391053.02  | 3823216.85 | 5.48118    | (17031324) | 391073.52 |
| 3823230.08 | 5.58573    | (19120508) |            |           |
| 391094.03  | 3823243.31 | 5.63298    | (19120508) | 391114.54 |
| 3823256.54 | 5.61008    | (19120508) |            |           |
| 391135.04  | 3823269.76 | 5.51801    | (19120508) | 391155.55 |
| 3823282.99 | 5.51889    | (19120108) |            |           |
| 391176.05  | 3823296.22 | 5.67719    | (19120108) | 391196.56 |
| 3823309.45 | 5.76776    | (19120108) |            |           |
| 391217.06  | 3823322.68 | 5.78729    | (19120108) | 391237.57 |
| 3823335.90 | 5.73519    | (19120108) |            |           |
| 391258.07  | 3823349.13 | 5.61348    | (19120108) | 391278.58 |
| 3823362.36 | 5.58117    | (20011808) |            |           |
| 391299.08  | 3823375.59 | 5.71295    | (20011808) | 391319.59 |
| 3823388.81 | 5.77592    | (20011808) |            |           |
| 391340.09  | 3823402.04 | 5.76784    | (20011808) | 390084.18 |
| 3824178.56 | 7.05078    | (16121408) |            |           |
| 390104.69  | 3824191.78 | 7.16865    | (16121408) | 390125.19 |
| 3824205.01 | 7.22605    | (16121408) |            |           |
| 390145.70  | 3824218.24 | 7.22146    | (16121408) | 390166.20 |
| 3824231.47 | 7.15489    | (16121408) |            |           |
| 390186.71  | 3824244.69 | 7.02797    | (16121408) | 390207.21 |
| 3824257.92 | 6.84385    | (16121408) |            |           |
| 390227.72  | 3824271.15 | 6.60695    | (16121408) | 390248.22 |
| 3824284.38 | 6.32319    | (16121408) |            |           |
| 390268.73  | 3824297.61 | 5.99908    | (16121408) | 390289.23 |
| 3824310.83 | 5.64237    | (16121408) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 897

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)        | CONC      | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|--------------------|-----------|------------|-------------|
| - - - - -   | - - - - -   | - - - - -          | - - - - - | - - - - -  | - - - - -   |
| 3824337.29  | 390309.74   | 3824324.06         | 5.26052   | (16121408) | 390330.24   |
| 3824363.74  | 390350.75   | 4.86189 (16121408) | 4.74861   | (17031324) | 390371.26   |
| 3824390.20  | 390391.76   | 3824350.52         | 4.53160   | (17031324) | 390412.27   |
| 3824416.65  | 390432.77   | 4.65969 (17031324) | 4.61813   | (19120508) | 390453.28   |
| 3824443.11  | 390473.78   | 3824376.97         | 4.60291   | (19120508) | 390494.29   |
| 3824469.57  | 390514.79   | 4.56079 (19120508) | 4.51201   | (19120508) | 390535.30   |
| 3824496.02  | 390555.80   | 3824403.43         | 4.71848   | (19120108) | 390576.31   |
| 3824522.48  | 390596.81   | 4.63230 (19120508) | 4.75238   | (19120108) | 390617.32   |
| 3825312.22  | 389361.41   | 3824429.88         | 5.79625   | (16121408) | 389381.91   |
| 3825338.67  | 389402.42   | 4.53082 (19120508) | 6.02158   | (16121408) | 389422.92   |
| 3825365.13  | 389443.43   | 3824456.34         | 6.08960   | (16121408) | 389463.93   |
| 3825391.59  | 389484.44   | 4.63587 (19120108) | 5.99450   | (16121408) | 389504.94   |
| 3825418.04  | 389525.45   | 3905509.25         | 5.74342   | (16121408) | 389545.95   |
| 3825444.50  | 389566.46   | 4.75768 (19120108) | 5.35547   | (16121408) | 389586.96   |
| 3825470.95  | 389607.47   | 39055509.25        | 4.85768   | (16121408) | 389627.98   |
| 3825497.41  | 389648.48   | 4.70278 (19120108) | 4.29065   | (16121408) | 389668.99   |
| 3825523.86  | 389689.49   | 3825298.99         | 3.94727   | (17031324) | 389710.00   |
| 3825550.32  | 389730.50   | 5.92770 (16121408) | 3.55018   | (17031324) | 389751.01   |
| 3825576.77  | 389771.51   | 3825325.45         | 3.51682   | (16010508) | 389792.02   |
| 3825603.23  | 389812.52   | 6.07590 (16121408) | 3.48721   | (19120508) | 389833.03   |
| 3825629.68  | 389853.53   | 3825351.90         | 3.58907   | (19120508) | 389874.04   |
| 3826419.43  | 389894.55   | 6.06230 (16121408) | 3.80950   | (19120108) | 388638.63   |
| 3826445.88  | 388659.14   | 3825378.36         | 4.98362   | (16121408) | 388679.64   |
|             |             | 4.85721 (16121408) |           |            |             |
|             |             | 3826432.65         |           |            |             |
|             |             | 5.08572 (16121408) |           |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388700.15  | 3826459.11 | 5.16194    | (16121408) | 388720.65 |
| 3826472.34 | 5.21096    | (16121408) |            |           |
| 388741.16  | 3826485.57 | 5.23201    | (16121408) | 388761.66 |
| 3826498.79 | 5.22469    | (16121408) |            |           |
| 388782.17  | 3826512.02 | 5.18908    | (16121408) | 388802.67 |
| 3826525.25 | 5.12573    | (16121408) |            |           |
| 388823.18  | 3826538.48 | 5.03559    | (16121408) | 388843.68 |
| 3826551.70 | 4.92015    | (16121408) |            |           |
| 388864.19  | 3826564.93 | 4.78106    | (16121408) | 388884.70 |
| 3826578.16 | 4.62050    | (16121408) |            |           |
| 388905.20  | 3826591.39 | 4.44093    | (16121408) | 388925.71 |
| 3826604.61 | 4.24492    | (16121408) |            |           |
| 388946.21  | 3826617.84 | 4.03529    | (16121408) | 388966.72 |
| 3826631.07 | 3.81482    | (16121408) |            |           |
| 388987.22  | 3826644.30 | 3.58659    | (16121408) | 389007.73 |
| 3826657.53 | 3.47088    | (17031324) |            |           |
| 389028.23  | 3826670.75 | 3.43709    | (17031324) | 389048.74 |
| 3826683.98 | 3.38398    | (17031324) |            |           |
| 389069.24  | 3826697.21 | 3.31264    | (17031324) | 389089.75 |
| 3826710.44 | 3.26827    | (19120508) |            |           |
| 389110.25  | 3826723.66 | 3.32002    | (19120508) | 389130.76 |
| 3826736.89 | 3.35249    | (19120508) |            |           |
| 389151.27  | 3826750.12 | 3.36507    | (19120508) | 389171.77 |
| 3826763.35 | 3.35757    | (19120508) |            |           |
| 395593.82  | 3816851.87 | 22.00839   | (18022824) | 395582.25 |
| 3816881.42 | 23.25921   | (18022824) |            |           |
| 395423.28  | 3816907.29 | 31.81256   | (17071108) | 395380.25 |
| 3816932.74 | 28.41288   | (18052108) |            |           |
| 395347.16  | 3816975.02 | 31.32318   | (16122008) | 395304.12 |
| 3817000.48 | 41.57836   | (20040824) |            |           |
| 395208.10  | 3817034.55 | 74.07099c  | (16051808) | 395228.00 |
| 3817068.21 | 87.21860c  | (16051808) |            |           |
| 395122.02  | 3817085.45 | 100.22699  | (18022808) | 395141.93 |
| 3817119.11 | 99.04799   | (16062608) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 898

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395035.95   | 3817136.36  | 108.55711  | (16091508) | 395055.86   |
| 3817170.02  | 94.86145    | (16091508) |            |             |
| 394979.74   | 3817237.75  | 102.32883  | (16010908) | 394883.71   |
| 3817271.83  | 78.77882    | (18022608) |            |             |
| 394648.62   | 3817365.43  | 60.75396   | (19112124) | 394668.52   |
| 3817399.09  | 71.34913    | (16102908) |            |             |
| 394443.38   | 3817509.52  | 69.40910   | (20032008) | 394463.29   |
| 3817543.18  | 59.58829    | (20032008) |            |             |
| 394003.06   | 3817747.21  | 46.00527c  | (20073108) | 394022.97   |
| 3817780.87  | 54.46237    | (16121408) |            |             |
| 393572.69   | 3818001.74  | 26.18544   | (18011724) | 393592.60   |
| 3818035.40  | 35.05405    | (18011724) |            |             |
| 393142.32   | 3818256.26  | 20.92594   | (19120508) | 393162.23   |
| 3818289.92  | 18.28500    | (20010724) |            |             |
| 392741.81   | 3818561.27  | 16.71661   | (19120508) | 392281.58   |
| 3818765.30  | 18.53791    | (18111108) |            |             |
| 392301.49   | 3818798.96  | 18.10971   | (18111108) | 391133.93   |
| 3819444.03  | 8.08062     | (19112124) |            |             |
| 391153.84   | 3819477.69  | 8.76133    | (19111224) | 389986.28   |
| 3820122.76  | 12.59718    | (20022908) |            |             |
| 390006.18   | 3820156.42  | 11.48113   | (20022908) | 388838.62   |
| 3820801.48  | 9.77641     | (20022908) |            |             |
| 388858.53   | 3820835.14  | 10.23257   | (20022908) | 387690.97   |
| 3821480.21  | 5.93844     | (20022908) |            |             |
| 387710.88   | 3821513.87  | 6.67276    | (20022908) | 386543.32   |
| 3822158.94  | 4.00640     | (16102124) |            |             |
| 386563.22   | 3822192.60  | 4.13331    | (16102124) | 395615.91   |
| 3816879.15  | 22.32830    | (18022824) |            |             |
| 395638.78   | 3816888.40  | 21.48089   | (18022824) | 395661.64   |
| 3816897.65  | 20.64331    | (18022824) |            |             |
| 395606.54   | 3816902.32  | 22.57089   | (18022824) | 395629.40   |
| 3816911.57  | 22.14956    | (18022824) |            |             |
| 395652.27   | 3816920.82  | 21.70163   | (18022824) | 395578.95   |
| 3816909.82  | 21.51932    | (18022824) |            |             |
| 395597.16   | 3816925.50  | 20.94122   | (18022824) | 395620.03   |
| 3816934.75  | 20.94191    | (18022824) |            |             |
| 395642.89   | 3816944.00  | 20.88588   | (18022824) | 395571.60   |
| 3816934.74  | 20.50710    | (20082624) |            |             |
| 395610.65   | 3816957.92  | 21.94139   | (19011108) | 395633.52   |
| 3816967.17  | 22.93848    | (19011108) |            |             |
| 395550.82   | 3816979.35  | 22.53061   | (17071108) | 395532.61   |
| 3816963.67  | 23.16080    | (17071108) |            |             |
| 395569.04   | 3816995.02  | 22.35539   | (18110524) | 395591.90   |
| 3817004.27  | 22.54937    | (19011108) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395614.77  | 3817013.52 | 27.00902   | (19011108) | 395534.09 |
| 3817027.44 | 31.27610   | (16022608) |            |           |
| 395501.71  | 3816999.58 | 27.29925   | (17071108) | 395573.15 |
| 3817050.62 | 37.06833c  | (20112424) |            |           |
| 395596.02  | 3817059.87 | 37.58554c  | (20112424) | 395514.19 |
| 3817072.80 | 58.81855   | (16122008) |            |           |
| 395496.84  | 3817057.87 | 52.76380   | (16122008) | 395479.49 |
| 3817042.94 | 46.48880   | (16122008) |            |           |
| 395531.53  | 3817087.72 | 63.06609   | (16122008) | 395554.40 |
| 3817096.97 | 65.72050   | (16022608) |            |           |
| 395577.26  | 3817106.22 | 74.19062   | (16022608) | 395494.57 |
| 3817118.40 | 107.43055  | (16122008) |            |           |
| 395476.35  | 3817102.73 | 93.25294   | (16122008) | 395458.14 |
| 3817087.05 | 79.14829   | (16122008) |            |           |
| 395512.78  | 3817134.07 | 112.32120  | (16122008) | 395535.65 |
| 3817143.32 | 111.16824  | (16122008) |            |           |
| 395558.51  | 3817152.57 | 104.02260  | (16122008) | 395477.03 |
| 3817165.80 | 89.32254   | (18012408) |            |           |
| 395443.03  | 3817136.54 | 87.62703   | (18012408) | 395494.03 |
| 3817180.43 | 86.97238   | (18012408) |            |           |
| 395516.90  | 3817189.68 | 102.35964  | (19021208) | 395539.76 |
| 3817198.93 | 110.77393  | (19021208) |            |           |
| 395438.32  | 3817257.45 | 88.15932   | (17111224) | 395420.10 |
| 3817241.78 | 87.62536   | (17111224) |            |           |
| 395401.89  | 3817226.11 | 93.18864   | (20111608) | 395383.67 |
| 3817210.43 | 101.91457  | (20111608) |            |           |
| 395456.53  | 3817273.13 | 85.81058   | (17111224) | 395479.39 |
| 3817282.38 | 80.47569   | (20112908) |            |           |
| 395502.26  | 3817291.63 | 75.33810   | (20110208) | 395401.22 |
| 3817350.50 | 85.46432c  | (16051808) |            |           |
| 395383.41  | 3817335.18 | 84.26800c  | (16051808) | 395365.60 |
| 3817319.85 | 83.41973   | (16123008) |            |           |
| 395347.79  | 3817304.53 | 83.61401   | (16123008) | 395329.98 |
| 3817289.20 | 82.62984   | (16111808) |            |           |
| 395187.50  | 3817166.60 | 100.02900  | (19120308) | 395169.69 |
| 3817151.27 | 98.75582   | (20050808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 899

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 395419.03   | 3817365.83  | 83.80481c  | (16051808) | 395441.89   |
| 3817375.08  | 78.36513    | (16111008) |            |             |
| 395464.76   | 3817384.33  | 84.88522   | (20111608) | 395362.95   |
| 3817442.55  | 83.26739    | (20011908) |            |             |
| 395344.38   | 3817426.57  | 89.27249   | (20011908) | 395325.81   |
| 3817410.59  | 89.47689    | (20011908) |            |             |
| 395307.24   | 3817394.61  | 89.87168   | (19120308) | 395288.67   |
| 3817378.62  | 94.27366    | (19120308) |            |             |
| 395270.10   | 3817362.64  | 92.65997   | (19120308) | 395177.24   |
| 3817282.74  | 102.30296   | (18022808) |            |             |
| 395158.67   | 3817266.76  | 115.85231  | (18022808) | 395140.10   |
| 3817250.77  | 116.51842   | (18022808) |            |             |
| 395121.52   | 3817234.79  | 101.34575  | (18022808) | 395102.95   |
| 3817218.81  | 93.05816    | (20020524) |            |             |
| 395084.38   | 3817202.83  | 92.72866   | (20020524) | 395381.53   |
| 3817458.53  | 82.86845    | (16111808) |            |             |
| 395404.39   | 3817467.78  | 81.57998   | (16111808) | 395427.26   |
| 3817477.03  | 68.06585    | (16111808) |            |             |
| 395325.81   | 3817535.56  | 75.98204   | (20050808) | 395307.59   |
| 3817519.88  | 88.08690    | (20050808) |            |             |
| 395289.38   | 3817504.21  | 95.56688   | (20050808) | 395271.17   |
| 3817488.54  | 96.46726    | (20050808) |            |             |
| 395252.95   | 3817472.86  | 90.10428   | (20050808) | 395234.74   |
| 3817457.19  | 85.51103    | (18022808) |            |             |
| 395216.52   | 3817441.51  | 95.25416   | (18022808) | 395143.66   |
| 3817378.82  | 79.80782    | (20020524) |            |             |
| 395125.45   | 3817363.15  | 78.60600   | (20020524) | 395107.24   |
| 3817347.47  | 78.39474    | (19120408) |            |             |
| 395089.02   | 3817331.80  | 82.13187   | (19120408) | 395034.38   |
| 3817284.78  | 70.73137    | (20102808) |            |             |
| 395016.16   | 3817269.10  | 77.49820   | (20102808) | 394997.95   |
| 3817253.43  | 97.20764    | (16010908) |            |             |
| 395344.02   | 3817551.23  | 75.74738   | (19120308) | 395366.89   |
| 3817560.48  | 79.26639    | (19120308) |            |             |
| 395389.75   | 3817569.73  | 75.28655   | (20011908) | 395288.57   |
| 3817628.49  | 74.23081    | (18022808) |            |             |
| 395270.62   | 3817613.04  | 80.72721   | (18022808) | 395252.67   |
| 3817597.59  | 82.56732    | (18022808) |            |             |
| 395234.72   | 3817582.15  | 78.67844   | (18022808) | 395216.77   |
| 3817566.70  | 69.25561    | (18022808) |            |             |
| 395198.82   | 3817551.25  | 65.88269   | (20020524) | 395180.87   |
| 3817535.81  | 68.91830    | (20020524) |            |             |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817474.02 | 395162.92 | 3817520.36 | 66.34121   | (20020524) | 395109.07 |
|            |           | 74.89907   | (16091508) |            |           |
| 3817443.13 | 395091.12 | 3817458.57 | 74.73706   | (16091508) | 395073.17 |
|            |           | 67.06859   | (16091508) |            |           |
| 3817412.23 | 395055.21 | 3817427.68 | 59.33680   | (20012008) | 395037.26 |
|            |           | 67.87434   | (16010908) |            |           |
| 3817381.34 | 395019.31 | 3817396.79 | 85.42220   | (16010908) | 395001.36 |
|            |           | 92.22011   | (16010908) |            |           |
| 3817350.45 | 394983.41 | 3817365.89 | 84.27287   | (16010908) | 394965.46 |
|            |           | 97.77903   | (19091808) |            |           |
| 3817643.93 | 394947.51 | 3817335.00 | 100.08194  | (19091808) | 395306.52 |
|            |           | 72.93348   | (20050808) |            |           |
| 3817662.43 | 395329.39 | 3817653.18 | 83.44792   | (20050808) | 395352.25 |
|            |           | 82.59451   | (20050808) |            |           |
| 3817843.98 | 395194.34 | 3817859.83 | 52.29334   | (16091508) | 395175.92 |
|            |           | 53.34235   | (16091508) |            |           |
| 3817812.27 | 395157.49 | 3817828.13 | 50.96016   | (16091508) | 395139.07 |
|            |           | 45.62297   | (16091508) |            |           |
| 3817780.56 | 395120.65 | 3817796.42 | 42.88964   | (20012008) | 395102.22 |
|            |           | 44.39844   | (16010908) |            |           |
| 3817748.85 | 395083.80 | 3817764.71 | 56.44843   | (16010908) | 395065.37 |
|            |           | 65.68338   | (16010908) |            |           |
| 3817717.15 | 395046.95 | 3817733.00 | 69.63616   | (16010908) | 395028.53 |
|            |           | 66.92340   | (16010908) |            |           |
| 3817685.44 | 395010.10 | 3817701.29 | 65.38299   | (19091808) | 394991.68 |
|            |           | 76.46475   | (19091808) |            |           |
| 3817653.73 | 394973.26 | 3817669.58 | 77.54873   | (19091808) | 394954.83 |
|            |           | 67.83364   | (19091808) |            |           |
| 3817622.02 | 394936.41 | 3817637.88 | 51.71198   | (19091808) | 394917.98 |
|            |           | 46.56258   | (18020224) |            |           |
| 3817590.31 | 394899.56 | 3817606.17 | 55.66096   | (19102024) | 394881.14 |
|            |           | 60.73155   | (19102024) |            |           |
| 3817511.04 | 394807.44 | 3817526.90 | 87.10070   | (16092808) | 394789.02 |
|            |           | 94.53478   | (16092808) |            |           |
| 3817479.34 | 394770.59 | 3817495.19 | 81.47432   | (16092808) | 394752.17 |
|            |           | 58.48893   | (19092024) |            |           |
| 3817447.63 | 394733.75 | 3817463.48 | 76.10966   | (19092024) | 394715.32 |
|            |           | 73.83822   | (19092024) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 900

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|---------------------|----------------|------------|--------------------|--|
| **          |                     |                |            |                    |  |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |                    |  |
| -----       |                     |                |            |                    |  |
| -----       |                     |                |            |                    |  |
| 394696.90   | 3817431.77          | 66.42530       | (16082908) | 395212.77          |  |
| 3817875.69  | 52.97316 (19120408) |                |            |                    |  |
| 395235.63   | 3817884.94          | 51.62632       | (19120408) | 395258.50          |  |
| 3817894.19  | 48.16089 (20020524) |                |            |                    |  |
| 395100.79   | 3818091.77          | 53.27131       | (16010908) | 395082.58          |  |
| 3818076.09  | 53.88709 (16010908) |                |            |                    |  |
| 395064.37   | 3818060.42          | 51.16884       | (16010908) | 395027.94          |  |
| 3818029.07  | 57.81117 (19091808) |                |            |                    |  |
| 395009.72   | 3818013.40          | 61.51241       | (19091808) | 394991.51          |  |
| 3817997.72  | 59.59529 (19091808) |                |            |                    |  |
| 394973.29   | 3817982.05          | 52.46075       | (19091808) | 394955.08          |  |
| 3817966.38  | 42.18197 (19091808) |                |            |                    |  |
| 394936.87   | 3817950.70          | 34.46809       | (20022708) | 394918.65          |  |
| 3817935.03  | 39.28199 (18020224) |                |            |                    |  |
| 394900.44   | 3817919.35          | 45.21568       | (19102024) | 394882.22          |  |
| 3817903.68  | 48.34210 (19102024) |                |            |                    |  |
| 394864.01   | 3817888.01          | 46.50951       | (18022608) | 394845.79          |  |
| 3817872.33  | 46.75053 (18022608) |                |            |                    |  |
| 394827.58   | 3817856.66          | 51.78645       | (19010308) | 394809.36          |  |
| 3817840.98  | 51.45264 (19010308) |                |            |                    |  |
| 394736.51   | 3817778.29          | 60.89088       | (16092808) | 394718.29          |  |
| 3817762.62  | 46.00310 (19120224) |                |            |                    |  |
| 394700.08   | 3817746.94          | 57.57637       | (19092024) | 394681.86          |  |
| 3817731.27  | 61.58543 (19092024) |                |            |                    |  |
| 394663.65   | 3817715.59          | 54.47605       | (16082908) | 394645.44          |  |
| 3817699.92  | 52.01277 (16102908) |                |            |                    |  |
| 394627.22   | 3817684.25          | 59.57454       | (16102908) | 394609.01          |  |
| 3817668.57  | 55.28856 (16102908) |                |            |                    |  |
| 394590.79   | 3817652.90          | 48.53452       | (17021124) | 394572.58          |  |
| 3817637.22  | 50.31309 (19112124) |                |            |                    |  |
| 394554.36   | 3817621.55          | 67.73479       | (20032208) | 394536.15          |  |
| 3817605.88  | 80.25536 (20032208) |                |            |                    |  |
| 394517.93   | 3817590.20          | 80.02826       | (20032208) | 394499.72          |  |
| 3817574.53  | 66.28891 (19122408) |                |            |                    |  |
| 394481.51   | 3817558.85          | 67.09231       | (16022308) | 395119.01          |  |
| 3818107.44  | 49.57091 (16010908) |                |            |                    |  |
| 395141.87   | 3818116.69          | 41.30607       | (16010908) | 395164.74          |  |
| 3818125.94  | 32.81138 (20012008) |                |            |                    |  |
| 394951.24   | 3818275.50          | 27.80299       | (20022708) | 394932.74          |  |
| 3818259.58  | 31.22043 (18020224) |                |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394914.23  | 3818243.66 | 34.04782   | (19102024) | 394895.73 |
| 3818227.74 | 38.20095   | (19102024) |            |           |
| 394877.23  | 3818211.81 | 39.25333   | (19102024) | 394858.72 |
| 3818195.89 | 36.77552   | (19102024) |            |           |
| 394840.22  | 3818179.97 | 36.89884   | (18022608) | 394821.72 |
| 3818164.05 | 40.39883   | (19010308) |            |           |
| 394803.21  | 3818148.12 | 41.95116   | (19010308) | 394784.71 |
| 3818132.20 | 46.49135   | (16092808) |            |           |
| 394766.20  | 3818116.28 | 56.15401   | (16092808) | 394747.70 |
| 3818100.35 | 60.96031   | (16092808) |            |           |
| 394729.20  | 3818084.43 | 59.34107   | (16092808) | 394655.18 |
| 3818020.74 | 48.41527   | (19092024) |            |           |
| 394636.68  | 3818004.82 | 49.59819   | (19092024) | 394618.18 |
| 3817988.90 | 44.04251   | (16082908) |            |           |
| 394599.67  | 3817972.97 | 43.13361   | (16082908) | 394581.17 |
| 3817957.05 | 46.85992   | (16102908) |            |           |
| 394562.67  | 3817941.13 | 47.58288   | (16102908) | 394544.16 |
| 3817925.21 | 41.25311   | (16102908) |            |           |
| 394525.66  | 3817909.28 | 39.13165   | (17021124) | 394507.16 |
| 3817893.36 | 40.85494   | (19112124) |            |           |
| 394488.65  | 3817877.44 | 52.57456   | (20032208) | 394470.15 |
| 3817861.51 | 63.01924   | (20032208) |            |           |
| 394451.64  | 3817845.59 | 66.82334   | (20032208) | 394433.14 |
| 3817829.67 | 62.14438   | (20032208) |            |           |
| 394414.64  | 3817813.75 | 53.06903   | (16022308) | 394396.13 |
| 3817797.82 | 54.62031   | (16022308) |            |           |
| 394377.63  | 3817781.90 | 48.02353   | (16022308) | 394359.13 |
| 3817765.98 | 53.35354   | (20032008) |            |           |
| 394340.62  | 3817750.06 | 55.39583   | (20032008) | 394322.12 |
| 3817734.13 | 53.51321   | (20032008) |            |           |
| 394303.62  | 3817718.21 | 48.19629   | (20032008) | 394285.11 |
| 3817702.29 | 43.21625   | (20022708) |            |           |
| 394266.61  | 3817686.36 | 39.79088   | (18032008) | 395025.25 |
| 3818339.19 | 49.33870   | (19091808) |            |           |
| 395048.12  | 3818348.44 | 48.64511   | (19091808) | 395070.98 |
| 3818357.69 | 42.83361   | (19091808) |            |           |
| 394913.16  | 3818555.17 | 29.52752   | (19102024) | 394894.82 |
| 3818539.39 | 32.11735   | (19102024) |            |           |
| 394876.48  | 3818523.61 | 32.71523   | (19102024) | 394858.14 |
| 3818507.83 | 31.12350   | (19102024) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 901

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394839.81   | 3818492.05  | 30.19471   | (18022608) | 394821.47   |
| 3818476.27  | 31.38691    | (19010308) |            |             |
| 394803.13   | 3818460.49  | 34.08888   | (19010308) | 394784.79   |
| 3818444.70  | 34.29544    | (19010308) |            |             |
| 394766.45   | 3818428.92  | 38.78679   | (16092808) | 394748.11   |
| 3818413.14  | 45.82457    | (16092808) |            |             |
| 394729.78   | 3818397.36  | 50.05589   | (16092808) | 394711.44   |
| 3818381.58  | 50.47011    | (16092808) |            |             |
| 394693.10   | 3818365.80  | 46.93028   | (16092808) | 394674.76   |
| 3818350.02  | 40.27800    | (16092808) |            |             |
| 394656.42   | 3818334.24  | 32.02347   | (16092808) | 394583.07   |
| 3818271.12  | 39.33496    | (19092024) |            |             |
| 394564.73   | 3818255.34  | 36.74184   | (16082908) | 394546.39   |
| 3818239.56  | 35.07242    | (16082908) |            |             |
| 394528.06   | 3818223.78  | 38.74953   | (16102908) | 394509.72   |
| 3818208.00  | 39.52263    | (16102908) |            |             |
| 394491.38   | 3818192.22  | 35.89020   | (16102908) | 394473.04   |
| 3818176.44  | 32.51668    | (17021124) |            |             |
| 394454.70   | 3818160.66  | 31.40479   | (17021124) | 394436.36   |
| 3818144.87  | 35.02294    | (20032208) |            |             |
| 394418.03   | 3818129.09  | 44.40386   | (20032208) | 394399.69   |
| 3818113.31  | 51.88245    | (20032208) |            |             |
| 394381.35   | 3818097.53  | 55.41712   | (20032208) | 394363.01   |
| 3818081.75  | 53.83238    | (20032208) |            |             |
| 394344.67   | 3818065.97  | 48.01015   | (19122408) | 394326.33   |
| 3818050.19  | 45.21474    | (16022308) |            |             |
| 394308.00   | 3818034.41  | 44.95589   | (16022308) | 394289.66   |
| 3818018.63  | 39.77384    | (16022308) |            |             |
| 394271.32   | 3818002.85  | 43.42856   | (20032008) | 394252.98   |
| 3817987.07  | 45.49090    | (20032008) |            |             |
| 394234.64   | 3817971.29  | 45.10352   | (20032008) | 394216.30   |
| 3817955.51  | 42.64929    | (20032008) |            |             |
| 394197.97   | 3817939.73  | 38.20530   | (20032008) | 394179.63   |
| 3817923.95  | 36.77180    | (20022708) |            |             |
| 394161.29   | 3817908.17  | 33.47179   | (20022708) | 394142.95   |
| 3817892.39  | 36.53104    | (20011808) |            |             |
| 394124.61   | 3817876.61  | 41.19361   | (20092608) | 394931.50   |
| 3818570.95  | 27.09615    | (18020224) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3818589.45 | 394954.36 | 3818580.20 | 24.24937   | (18020224) | 394977.23 |
|            |           | 25.39968   | (19091808) |            |           |
| 3819002.77 | 394725.58 | 3819018.61 | 29.63050   | (16092808) | 394707.17 |
|            |           | 33.61502   | (16092808) |            |           |
| 3818971.09 | 394688.76 | 3818986.93 | 36.28808   | (16092808) | 394670.35 |
|            |           | 37.24234   | (16092808) |            |           |
| 3818939.40 | 394651.94 | 3818955.24 | 36.31551   | (16092808) | 394633.53 |
|            |           | 33.64192   | (16092808) |            |           |
| 3818907.72 | 394615.11 | 3818923.56 | 29.62534   | (16092808) | 394596.70 |
|            |           | 24.84917   | (16092808) |            |           |
| 3818876.03 | 394578.29 | 3818891.87 | 23.67199   | (19120224) | 394559.88 |
|            |           | 25.52114   | (19092024) |            |           |
| 3818844.35 | 394541.47 | 3818860.19 | 28.63198   | (19092024) | 394523.06 |
|            |           | 30.15746   | (19092024) |            |           |
| 3818812.66 | 394504.65 | 3818828.51 | 29.76644   | (19092024) | 394486.24 |
|            |           | 27.47876   | (19092024) |            |           |
| 3818780.98 | 394467.83 | 3818796.82 | 26.84773   | (16082908) | 394449.42 |
|            |           | 25.88869   | (16082908) |            |           |
| 3818654.24 | 394431.01 | 3818765.14 | 27.25203   | (16102908) | 394302.14 |
|            |           | 25.69248   | (20032208) |            |           |
| 3818622.55 | 394283.73 | 3818638.40 | 31.19748   | (20032208) | 394265.32 |
|            |           | 36.00584   | (20032208) |            |           |
| 3818590.87 | 394246.91 | 3818606.71 | 39.32945   | (20032208) | 394228.50 |
|            |           | 40.55206   | (20032208) |            |           |
| 3818559.18 | 394210.09 | 3818575.03 | 39.38731   | (20032208) | 394191.68 |
|            |           | 36.46552   | (19122408) |            |           |
| 3818527.50 | 394173.27 | 3818543.34 | 32.61991   | (19122408) | 394154.86 |
|            |           | 33.34773   | (16022308) |            |           |
| 3818495.81 | 394136.45 | 3818511.66 | 32.72542   | (16022308) | 394118.04 |
|            |           | 29.84429   | (16022308) |            |           |
| 3818464.13 | 394099.63 | 3818479.97 | 30.20728   | (20032008) | 394081.22 |
|            |           | 32.11078   | (20032008) |            |           |
| 3818432.44 | 394062.81 | 3818448.29 | 32.79307   | (20032008) | 394044.40 |
|            |           | 32.46580   | (20032008) |            |           |
| 3818400.76 | 394025.99 | 3818416.60 | 31.28778   | (20032008) | 394007.58 |
|            |           | 29.25296   | (20032008) |            |           |
| 3818369.07 | 393989.17 | 3818384.92 | 27.01315   | (18020308) | 393970.76 |
|            |           | 27.63325   | (20022708) |            |           |
| 3818337.39 | 393952.35 | 3818353.23 | 25.90636   | (20022708) | 393933.94 |
|            |           | 25.96010   | (20011808) |            |           |
| 3818305.71 | 393915.53 | 3818321.55 | 27.96094   | (20011808) | 393897.12 |
|            |           | 30.08857   | (20092608) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393878.71   | 3818289.86  | 30.61301   | (20092608) | 393860.29   |
| 3818274.02  | 28.53503    |            | (20092608) |             |
| 393841.88   | 3818258.18  | 28.85928   | (16010508) | 393823.47   |
| 3818242.34  | 35.80331    |            | (16121408) |             |
| 393805.06   | 3818226.49  | 42.26423   | (16121408) | 393786.65   |
| 3818210.65  | 44.37509    |            | (16121408) |             |
| 393768.24   | 3818194.81  | 41.37819   | (16121408) | 393749.83   |
| 3818178.97  | 33.52759    |            | (16121408) |             |
| 393731.42   | 3818163.12  | 32.64206c  | (20073108) | 393713.01   |
| 3818147.28  | 32.38209c   |            | (20073108) |             |
| 393694.60   | 3818131.44  | 30.77009c  | (20073108) | 393676.19   |
| 3818115.60  | 27.41244c   |            | (20073108) |             |
| 393657.78   | 3818099.75  | 24.19936   | (18011724) | 393639.37   |
| 3818083.91  | 29.41812    |            | (18011724) |             |
| 393620.96   | 3818068.07  | 33.76340   | (18011724) | 394743.99   |
| 3819034.46  | 24.88000    |            | (16092808) |             |
| 394766.85   | 3819043.71  | 25.13582   | (19010308) | 394789.72   |
| 3819052.96  | 24.30123    |            | (19010308) |             |
| 394538.02   | 3819482.08  | 20.07656   | (16092808) | 394519.56   |
| 3819466.20  | 18.39792    |            | (19120224) |             |
| 394501.10   | 3819450.32  | 18.42361   | (19120224) | 394482.65   |
| 3819434.43  | 20.07038    |            | (19092024) |             |
| 394464.19   | 3819418.55  | 22.05419   | (19092024) | 394445.73   |
| 3819402.67  | 23.19801    |            | (19092024) |             |
| 394427.27   | 3819386.78  | 23.33372   | (19092024) | 394408.82   |
| 3819370.90  | 22.41961    |            | (19092024) |             |
| 394390.36   | 3819355.02  | 20.55272   | (19092024) | 394371.90   |
| 3819339.14  | 20.74250    |            | (16082908) |             |
| 394353.45   | 3819323.25  | 20.17437   | (16082908) | 394334.99   |
| 3819307.37  | 20.26004    |            | (16102908) |             |
| 394316.53   | 3819291.49  | 21.80086   | (16102908) | 394298.07   |
| 3819275.60  | 22.32789    |            | (16102908) |             |
| 394279.62   | 3819259.72  | 21.74055   | (16102908) | 394261.16   |
| 3819243.84  | 20.10727    |            | (16102908) |             |
| 394242.70   | 3819227.96  | 17.97831   | (17021124) | 394224.24   |
| 3819212.07  | 18.35239    |            | (17021124) |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 393282.93   | 3818402.05          | 25.98265   | (18011724) | 393264.47   |
| 3818386.16  | 21.79044 (18011724) |            |            |             |
| 393246.01   | 3818370.28          | 18.63204   | (19082108) | 393227.55   |
| 3818354.40  | 20.25260 (19062708) |            |            |             |
| 393209.10   | 3818338.51          | 20.96178   | (19062708) | 393190.64   |
| 3818322.63  | 19.71513 (19062708) |            |            |             |
| 394556.48   | 3819497.96          | 23.13415   | (16092808) | 394579.34   |
| 3819507.21  | 26.29084 (16092808) |            |            |             |
| 394602.21   | 3819516.46          | 28.43856   | (16092808) | 394350.47   |
| 3819945.56  | 18.97496 (19092024) |            |            |             |
| 394331.98   | 3819929.65          | 18.65092   | (19092024) | 394313.49   |
| 3819913.74  | 17.71646 (19092024) |            |            |             |
| 394295.00   | 3819897.83          | 16.58686   | (16082908) | 394276.51   |
| 3819881.92  | 16.76423 (16082908) |            |            |             |
| 394258.02   | 3819866.00          | 16.41213   | (16082908) | 394239.53   |
| 3819850.09  | 15.84047 (16102908) |            |            |             |
| 394221.04   | 3819834.18          | 17.15493   | (16102908) | 394202.55   |
| 3819818.27  | 17.92020 (16102908) |            |            |             |
| 394184.06   | 3819802.36          | 18.04285   | (16102908) | 394165.57   |
| 3819786.45  | 17.49745 (16102908) |            |            |             |
| 394147.08   | 3819770.54          | 16.33181   | (16102908) | 394128.59   |
| 3819754.62  | 14.66743 (16102908) |            |            |             |
| 394110.10   | 3819738.71          | 14.80644   | (17021124) | 394091.61   |
| 3819722.80  | 14.70816 (17021124) |            |            |             |
| 394073.12   | 3819706.89          | 14.28917   | (19112124) | 394054.63   |
| 3819690.98  | 15.12167 (19112124) |            |            |             |
| 394036.14   | 3819675.07          | 15.65929   | (20032208) | 394017.65   |
| 3819659.16  | 18.14041 (20032208) |            |            |             |
| 393999.16   | 3819643.24          | 20.49048   | (20032208) | 393980.67   |
| 3819627.33  | 22.52827 (20032208) |            |            |             |
| 393962.18   | 3819611.42          | 24.08142   | (20032208) | 393943.69   |
| 3819595.51  | 25.00854 (20032208) |            |            |             |
| 393925.20   | 3819579.60          | 25.21731   | (20032208) | 393906.70   |
| 3819563.69  | 24.67457 (20032208) |            |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393888.21  | 3819547.78 | 23.55366   | (19122408) | 393869.72 |
| 3819531.87 | 22.50877   | (19122408) |            |           |
| 393740.29  | 3819420.49 | 18.61674   | (20032008) | 393721.80 |
| 3819404.57 | 19.44962   | (20032008) |            |           |
| 393703.31  | 3819388.66 | 19.88688   | (20032008) | 393684.82 |
| 3819372.75 | 19.98611   | (20032008) |            |           |
| 393666.33  | 3819356.84 | 19.81880   | (20032008) | 393647.84 |
| 3819340.93 | 19.43069   | (20032008) |            |           |
| 393629.35  | 3819325.02 | 18.82386   | (20032008) | 393610.86 |
| 3819309.11 | 17.96574   | (20032008) |            |           |
| 393592.37  | 3819293.19 | 17.01035   | (18020308) | 393573.88 |
| 3819277.28 | 17.26888   | (20022708) |            |           |
| 393555.39  | 3819261.37 | 17.76855   | (20022708) | 393536.90 |
| 3819245.46 | 17.23057   | (20022708) |            |           |
| 393518.41  | 3819229.55 | 15.73672   | (20022708) | 393499.92 |
| 3819213.64 | 16.63788   | (20011808) |            |           |
| 393481.43  | 3819197.73 | 17.79154   | (20011808) | 393462.94 |
| 3819181.81 | 17.89966   | (20011808) |            |           |
| 393444.45  | 3819165.90 | 18.62344   | (20092608) | 393425.96 |
| 3819149.99 | 18.94587   | (20092608) |            |           |
| 393407.46  | 3819134.08 | 18.41581   | (20092608) | 393388.97 |
| 3819118.17 | 17.62182   | (19120508) |            |           |
| 393370.48  | 3819102.26 | 17.63757   | (16010508) | 393351.99 |
| 3819086.35 | 19.85160   | (16121408) |            |           |
| 393333.50  | 3819070.44 | 23.66131   | (16121408) | 393315.01 |
| 3819054.52 | 26.56757   | (16121408) |            |           |
| 393296.52  | 3819038.61 | 28.09498   | (16121408) | 393278.03 |
| 3819022.70 | 27.97640   | (16121408) |            |           |
| 393259.54  | 3819006.79 | 26.22618   | (16121408) | 393241.05 |
| 3818990.88 | 23.13852   | (16121408) |            |           |
| 393222.56  | 3818974.97 | 19.48329c  | (20073108) | 393204.07 |
| 3818959.06 | 20.30868c  | (20073108) |            |           |
| 393185.58  | 3818943.14 | 20.75864c  | (20073108) | 393167.09 |
| 3818927.23 | 20.71949c  | (20073108) |            |           |
| 393148.60  | 3818911.32 | 20.05271c  | (20073108) | 393130.11 |
| 3818895.41 | 18.66725c  | (20073108) |            |           |
| 393111.62  | 3818879.50 | 16.98036   | (20111108) | 393093.13 |
| 3818863.59 | 19.06756   | (18011724) |            |           |
| 393074.64  | 3818847.68 | 21.90592   | (18011724) | 393056.15 |
| 3818831.76 | 23.85288   | (18011724) |            |           |
| 393037.66  | 3818815.85 | 24.67115   | (18011724) | 393019.17 |
| 3818799.94 | 24.28921   | (18011724) |            |           |
| 393000.68  | 3818784.03 | 22.79863   | (18011724) | 392982.19 |
| 3818768.12 | 20.42051   | (18011724) |            |           |
| 392963.70  | 3818752.21 | 17.45434   | (18011724) | 392945.21 |
| 3818736.30 | 14.94674   | (19082108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392926.72   | 3818720.39  | 15.99221   | (19062708) | 392908.22   |
| 3818704.47  | 17.01555    | (19062708) |            |             |
| 392889.73   | 3818688.56  | 16.90582   | (19062708) | 392871.24   |
| 3818672.65  | 15.68592    | (19062708) |            |             |
| 392852.75   | 3818656.74  | 14.71179c  | (19090108) | 392834.26   |
| 3818640.83  | 15.90641    | (20010724) |            |             |
| 392815.77   | 3818624.92  | 17.13679   | (19120508) | 392797.28   |
| 3818609.01  | 18.55263    | (19120508) |            |             |
| 392778.79   | 3818593.09  | 18.97147   | (19120508) | 392760.30   |
| 3818577.18  | 18.31961    | (19120508) |            |             |
| 394368.96   | 3819961.47  | 18.66910   | (19092024) | 394391.83   |
| 3819970.72  | 17.63253    | (19092024) |            |             |
| 394414.69   | 3819979.97  | 15.93386   | (19092024) | 394162.94   |
| 3820409.05  | 13.71886    | (16082908) |            |             |
| 394144.42   | 3820393.12  | 13.14955   | (16082908) | 394125.91   |
| 3820377.18  | 13.86458    | (16102908) |            |             |
| 394107.39   | 3820361.25  | 14.63464   | (16102908) | 394088.88   |
| 3820345.32  | 15.01923    | (16102908) |            |             |
| 394070.36   | 3820329.38  | 14.97969   | (16102908) | 394051.85   |
| 3820313.45  | 14.51278    | (16102908) |            |             |
| 394033.33   | 3820297.52  | 13.65080   | (16102908) | 394014.82   |
| 3820281.59  | 12.46440    | (16102908) |            |             |
| 393996.30   | 3820265.65  | 12.24091   | (17021124) | 393977.79   |
| 3820249.72  | 12.32743    | (17021124) |            |             |
| 393959.27   | 3820233.79  | 12.06603   | (17021124) | 393940.76   |
| 3820217.86  | 12.07855    | (19112124) |            |             |
| 393922.24   | 3820201.92  | 12.62156   | (19112124) | 393903.73   |
| 3820185.99  | 12.93622    | (19112124) |            |             |
| 393885.21   | 3820170.06  | 14.64920   | (20032208) | 393866.70   |
| 3820154.13  | 16.40187    | (20032208) |            |             |
| 393848.18   | 3820138.19  | 17.99282   | (20032208) | 393829.67   |
| 3820122.26  | 19.32023    | (20032208) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393811.15  | 3820106.33 | 20.29654   | (20032208) | 393792.64 |
| 3820090.40 | 20.85207   | (20032208) |            |           |
| 393774.12  | 3820074.46 | 20.94428   | (20032208) | 393755.61 |
| 3820058.53 | 20.55946   | (20032208) |            |           |
| 393737.09  | 3820042.60 | 19.75321   | (19122408) | 393718.58 |
| 3820026.67 | 19.17245   | (19122408) |            |           |
| 393700.06  | 3820010.73 | 18.08367   | (19122408) | 393681.55 |
| 3819994.80 | 16.59530   | (16022308) |            |           |
| 393663.03  | 3819978.87 | 17.18295   | (16022308) | 393644.52 |
| 3819962.94 | 17.33069   | (16022308) |            |           |
| 393626.00  | 3819947.00 | 17.01268   | (16022308) | 393607.49 |
| 3819931.07 | 16.23706   | (16022308) |            |           |
| 393588.97  | 3819915.14 | 15.04724   | (16022308) | 393477.88 |
| 3819819.54 | 16.35360   | (20032008) |            |           |
| 393459.37  | 3819803.61 | 16.10066   | (20032008) | 393440.85 |
| 3819787.68 | 15.72259   | (20032008) |            |           |
| 393422.34  | 3819771.75 | 15.20151   | (20032008) | 393403.82 |
| 3819755.81 | 14.50904   | (20032008) |            |           |
| 393385.31  | 3819739.88 | 13.99103   | (18020308) | 393366.79 |
| 3819723.95 | 14.58149   | (20022708) |            |           |
| 393348.28  | 3819708.02 | 14.94100   | (20022708) | 393329.76 |
| 3819692.08 | 14.62451   | (20022708) |            |           |
| 393311.25  | 3819676.15 | 13.66852   | (20022708) | 393292.73 |
| 3819660.22 | 13.25846   | (20011808) |            |           |
| 393274.22  | 3819644.29 | 14.47389   | (20011808) | 393255.70 |
| 3819628.35 | 15.07826   | (20011808) |            |           |
| 393237.19  | 3819612.42 | 14.98281   | (20011808) | 393218.67 |
| 3819596.49 | 15.42497   | (20092608) |            |           |
| 393200.16  | 3819580.56 | 15.69838   | (20092608) | 393181.64 |
| 3819564.62 | 15.42221   | (20092608) |            |           |
| 393163.13  | 3819548.69 | 14.69537   | (19120508) | 393144.61 |
| 3819532.76 | 14.77360   | (19120508) |            |           |
| 393126.10  | 3819516.83 | 15.06776   | (17031324) | 393107.58 |
| 3819500.89 | 17.20666   | (16121408) |            |           |
| 393089.07  | 3819484.96 | 19.96489   | (16121408) | 393070.56 |
| 3819469.03 | 22.12258   | (16121408) |            |           |
| 393052.04  | 3819453.10 | 23.40765   | (16121408) | 393033.53 |
| 3819437.16 | 23.64625   | (16121408) |            |           |
| 393015.01  | 3819421.23 | 22.80247   | (16121408) | 392996.50 |
| 3819405.30 | 20.98749   | (16121408) |            |           |
| 392977.98  | 3819389.37 | 18.43256   | (16121408) | 392959.47 |
| 3819373.43 | 16.23964c  | (20073108) |            |           |
| 392940.95  | 3819357.50 | 16.82746c  | (20073108) | 392922.44 |
| 3819341.57 | 17.19486c  | (20073108) |            |           |
| 392903.92  | 3819325.64 | 17.27730c  | (20073108) | 392885.41 |
| 3819309.70 | 16.98915c  | (20073108) |            |           |
| 392866.89  | 3819293.77 | 16.25602c  | (20073108) | 392848.38 |
| 3819277.84 | 15.11161   | (20111108) |            |           |

|            | X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|----------|------------|-------------|
|            | Y-COORD (M) | CONC        |          | (YYMMDDHH) |             |
|            | 392829.86   | 3819261.90  | 13.93406 | (20111108) | 392811.35   |
| 3819245.97 | 16.04329    | (18011724)  |          |            |             |
|            | 392792.83   | 3819230.04  | 18.14067 | (18011724) | 392774.32   |
| 3819214.11 | 19.67850    | (18011724)  |          |            |             |
|            | 392755.80   | 3819198.17  | 20.51337 | (18011724) | 392737.29   |
| 3819182.24 | 20.57964    | (18011724)  |          |            |             |
|            | 392718.77   | 3819166.31  | 19.89646 | (18011724) | 392700.26   |
| 3819150.38 | 18.55569    | (18011724)  |          |            |             |
|            | 392681.74   | 3819134.44  | 16.69963 | (18011724) | 392663.23   |
| 3819118.51 | 14.50346    | (18011724)  |          |            |             |
|            | 392644.71   | 3819102.58  | 12.38931 | (19082108) | 392626.20   |
| 3819086.65 | 13.00945    | (19062708)  |          |            |             |
|            | 392607.68   | 3819070.71  | 14.05080 | (19062708) | 392589.17   |
| 3819054.78 | 14.39339    | (19062708)  |          |            |             |
|            | 392570.65   | 3819038.85  | 13.98515 | (19062708) | 392552.14   |
| 3819022.92 | 12.88923    | (19062708)  |          |            |             |
|            | 392533.62   | 3819006.98  | 12.31393 | (20010724) | 392515.11   |
| 3818991.05 | 13.29131    | (20010724)  |          |            |             |
|            | 392496.59   | 3818975.12  | 13.84069 | (19120508) | 392478.08   |
| 3818959.19 | 15.08314    | (19120508)  |          |            |             |
|            | 392459.56   | 3818943.25  | 15.73029 | (19120508) | 392329.96   |
| 3818831.73 | 15.93922    | (18032908)  |          |            |             |
|            | 394181.45   | 3820424.98  | 13.94666 | (16082908) | 394204.32   |
| 3820434.23 | 13.82518    | (16082908)  |          |            |             |
|            | 394227.18   | 3820443.48  | 14.82484 | (19092024) | 393662.77   |
| 3821644.95 | 8.31940     | (17021124)  |          |            |             |
|            | 393644.12   | 3821628.90  | 8.28613  | (17021124) | 393625.47   |
| 3821612.86 | 8.11729     | (17021124)  |          |            |             |
|            | 393606.83   | 3821596.81  | 7.98586  | (19112124) | 393588.18   |
| 3821580.76 | 8.29437     | (19112124)  |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393569.53  | 3821564.71 | 8.51016    | (19112124) | 393550.88 |
| 3821548.66 | 8.63739    | (19112124) |            |           |
| 393532.23  | 3821532.62 | 9.30861    | (20032208) | 393513.58 |
| 3821516.57 | 10.22750   | (20032208) |            |           |
| 393494.93  | 3821500.52 | 11.10932   | (20032208) | 393476.28 |
| 3821484.47 | 11.92284   | (20032208) |            |           |
| 393457.63  | 3821468.42 | 12.63929   | (20032208) | 393438.98 |
| 3821452.38 | 13.23185   | (20032208) |            |           |
| 393420.33  | 3821436.33 | 13.67793   | (20032208) | 393401.69 |
| 3821420.28 | 13.95977   | (20032208) |            |           |
| 393383.04  | 3821404.23 | 14.06582   | (20032208) | 393364.39 |
| 3821388.18 | 13.99046   | (20032208) |            |           |
| 393345.74  | 3821372.14 | 13.73454   | (20032208) | 393327.09 |
| 3821356.09 | 13.37416   | (19122408) |            |           |
| 393308.44  | 3821340.04 | 13.16732   | (19122408) | 393289.79 |
| 3821323.99 | 12.75704   | (19122408) |            |           |
| 393271.14  | 3821307.94 | 12.15315   | (19122408) | 393252.49 |
| 3821291.90 | 11.37571   | (19122408) |            |           |
| 393233.84  | 3821275.85 | 11.38937   | (16022308) | 393215.19 |
| 3821259.80 | 11.60905   | (16022308) |            |           |
| 393196.54  | 3821243.75 | 11.65699   | (16022308) | 393177.90 |
| 3821227.70 | 11.52647   | (16022308) |            |           |
| 393159.25  | 3821211.66 | 11.21765   | (16022308) | 393140.60 |
| 3821195.61 | 10.73854   | (16022308) |            |           |
| 393121.95  | 3821179.56 | 10.10523   | (16022308) | 393103.30 |
| 3821163.51 | 9.80030    | (20032008) |            |           |
| 393084.65  | 3821147.46 | 10.22163   | (20032008) | 393066.00 |
| 3821131.42 | 10.53569   | (20032008) |            |           |
| 393047.35  | 3821115.37 | 10.74502   | (20032008) | 393028.70 |
| 3821099.32 | 10.85950   | (20032008) |            |           |
| 393010.05  | 3821083.27 | 10.89418   | (20032008) | 392991.40 |
| 3821067.22 | 10.86664   | (20032008) |            |           |
| 392972.76  | 3821051.18 | 10.79037   | (20032008) | 392954.11 |
| 3821035.13 | 10.67550   | (20032008) |            |           |
| 392935.46  | 3821019.08 | 10.52474   | (20032008) | 392916.81 |
| 3821003.03 | 10.33368   | (20032008) |            |           |
| 392898.16  | 3820986.98 | 10.09246   | (20032008) | 392879.51 |
| 3820970.94 | 9.78891    | (20032008) |            |           |
| 392860.86  | 3820954.89 | 9.44415    | (18020308) | 392730.32 |
| 3820842.55 | 8.81208    | (20022708) |            |           |
| 392711.67  | 3820826.50 | 9.28144    | (20011808) | 392693.02 |
| 3820810.46 | 9.90138    | (20011808) |            |           |
| 392674.37  | 3820794.41 | 10.27780   | (20011808) | 392655.72 |
| 3820778.36 | 10.37878   | (20011808) |            |           |
| 392637.07  | 3820762.31 | 10.19427   | (20011808) | 392618.42 |
| 3820746.26 | 10.29287   | (20092608) |            |           |
| 392599.77  | 3820730.22 | 10.48824   | (20092608) | 392581.12 |
| 3820714.17 | 10.46850   | (20092608) |            |           |
| 392562.47  | 3820698.12 | 10.23385   | (20092608) | 392543.82 |
| 3820682.07 | 10.05292   | (19120508) |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 906

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 392525.18   | 3820666.02           | 10.17960   | (19120508) | 392506.53   |
| 3820649.98  | 10.01805 (19120508)  |            |            |             |
| 392487.88   | 3820633.93           | 10.36494   | (17031324) | 392469.23   |
| 3820617.88  | 11.26587 (16121408)  |            |            |             |
| 392450.58   | 3820601.83           | 12.77708   | (16121408) | 392431.93   |
| 3820585.78  | 14.10774 (16121408)  |            |            |             |
| 392413.28   | 3820569.74           | 15.16430   | (16121408) | 392394.63   |
| 3820553.69  | 15.86809 (16121408)  |            |            |             |
| 392375.98   | 3820537.64           | 16.16356   | (16121408) | 392357.33   |
| 3820521.59  | 16.02647 (16121408)  |            |            |             |
| 392338.68   | 3820505.54           | 15.46684   | (16121408) | 392320.04   |
| 3820489.50  | 14.52840 (16121408)  |            |            |             |
| 392301.39   | 3820473.45           | 13.28073   | (16121408) | 392282.74   |
| 3820457.40  | 11.81373 (16121408)  |            |            |             |
| 392264.09   | 3820441.35           | 10.79630c  | (20073108) | 392245.44   |
| 3820425.30  | 11.10563c (20073108) |            |            |             |
| 392226.79   | 3820409.26           | 11.35058c  | (20073108) | 392208.14   |
| 3820393.21  | 11.51557c (20073108) |            |            |             |
| 392189.49   | 3820377.16           | 11.57508c  | (20073108) | 392170.84   |
| 3820361.11  | 11.49858c (20073108) |            |            |             |
| 392152.19   | 3820345.06           | 11.25708c  | (20073108) | 392133.54   |
| 3820329.02  | 10.83060c (20073108) |            |            |             |
| 392114.89   | 3820312.97           | 10.40332   | (20111108) | 392096.25   |
| 3820296.92  | 9.83901 (20111108)   |            |            |             |
| 392077.60   | 3820280.87           | 9.80910    | (18011724) | 392058.95   |
| 3820264.82  | 11.04761 (18011724)  |            |            |             |
| 392040.30   | 3820248.78           | 12.13515   | (18011724) | 392021.65   |
| 3820232.73  | 13.01113 (18011724)  |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392003.00  | 3820216.68          | 13.62745 | (18011724) | 391984.35 |
| 3820200.63 | 13.95378 (18011724) |          |            |           |
| 391965.70  | 3820184.58          | 13.97912 | (18011724) | 391947.05 |
| 3820168.54 | 13.71122 (18011724) |          |            |           |
| 391928.40  | 3820152.49          | 13.17398 | (18011724) | 391909.75 |
| 3820136.44 | 12.40412 (18011724) |          |            |           |
| 391891.11  | 3820120.39          | 11.44746 | (18011724) | 391872.46 |
| 3820104.34 | 10.35377 (18011724) |          |            |           |
| 391853.81  | 3820088.30          | 9.17568  | (18011724) | 391835.16 |
| 3820072.25 | 8.40069 (19082108)  |          |            |           |
| 391816.51  | 3820056.20          | 8.63620  | (19062708) | 391797.86 |
| 3820040.15 | 9.31732 (19062708)  |          |            |           |
| 391779.21  | 3820024.10          | 9.74637  | (19062708) | 391760.56 |
| 3820008.06 | 9.88508 (19062708)  |          |            |           |
| 391741.91  | 3819992.01          | 9.72095  | (19062708) | 391723.26 |
| 3819975.96 | 9.26887 (19062708)  |          |            |           |
| 391704.61  | 3819959.91          | 8.56912  | (19062708) | 391685.96 |
| 3819943.86 | 8.36109c (19090108) |          |            |           |
| 391667.32  | 3819927.82          | 8.92142  | (20010724) | 391648.67 |
| 3819911.77 | 9.25898 (20010724)  |          |            |           |
| 391630.02  | 3819895.72          | 9.43308  | (19120508) | 391611.37 |
| 3819879.67 | 10.08632 (19120508) |          |            |           |
| 391592.72  | 3819863.62          | 10.51045 | (19120508) | 391574.07 |
| 3819847.58 | 10.67120 (19120508) |          |            |           |
| 391555.42  | 3819831.53          | 10.55571 | (19120508) | 391536.77 |
| 3819815.48 | 10.17389 (19120508) |          |            |           |
| 391518.12  | 3819799.43          | 9.55733  | (19120508) | 391499.47 |
| 3819783.38 | 9.43287 (17010724)  |          |            |           |
| 391480.82  | 3819767.34          | 10.13349 | (17010724) | 391462.17 |
| 3819751.29 | 10.55942 (17010724) |          |            |           |
| 391443.53  | 3819735.24          | 10.67785 | (17010724) | 391424.88 |
| 3819719.19 | 10.47455 (17010724) |          |            |           |
| 391406.23  | 3819703.14          | 10.68395 | (18111108) | 391387.58 |
| 3819687.10 | 11.47229 (18111108) |          |            |           |
| 391368.93  | 3819671.05          | 12.04735 | (18111108) | 391350.28 |
| 3819655.00 | 12.38266 (18111108) |          |            |           |
| 391331.63  | 3819638.95          | 12.46657 | (18111108) | 391312.98 |
| 3819622.90 | 12.30163 (18111108) |          |            |           |
| 391294.33  | 3819606.86          | 11.90319 | (18111108) | 391275.68 |
| 3819590.81 | 11.29673 (18111108) |          |            |           |
| 391257.03  | 3819574.76          | 10.51602 | (18111108) | 391238.39 |
| 3819558.71 | 9.60065 (18111108)  |          |            |           |
| 391219.74  | 3819542.66          | 9.06148  | (19111224) | 391201.09 |
| 3819526.62 | 9.35402 (19111224)  |          |            |           |
| 391182.44  | 3819510.57          | 9.37586  | (19111224) | 393681.42 |
| 3821661.00 | 8.21320 (17021124)  |          |            |           |
| 393704.29  | 3821670.25          | 8.36820  | (16102908) | 393727.15 |
| 3821679.50 | 9.09878 (16102908)  |          |            |           |
| 393162.77  | 3822881.00          | 7.06135  | (20032208) | 393144.15 |
| 3822864.98 | 7.60035 (20032208)  |          |            |           |

393125.53 3822848.96 8.11873 (20032208) 393106.92  
 3822832.93 8.60542 (20032208)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 907

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393088.30   | 3822816.91  | 9.04859    | (20032208) | 393069.68   |
| 3822800.89  | 9.43803     | (20032208) |            |             |
| 393051.06   | 3822784.87  | 9.76440    | (20032208) | 393032.44   |
| 3822768.84  | 10.01984    | (20032208) |            |             |
| 393013.82   | 3822752.82  | 10.19800   | (20032208) | 392995.20   |
| 3822736.80  | 10.29447    | (20032208) |            |             |
| 392976.58   | 3822720.78  | 10.30664   | (20032208) | 392957.96   |
| 3822704.76  | 10.23376    | (20032208) |            |             |
| 392939.34   | 3822688.73  | 10.07685   | (20032208) | 392920.72   |
| 3822672.71  | 9.86596     | (19122408) |            |             |
| 392902.10   | 3822656.69  | 9.79670    | (19122408) | 392883.49   |
| 3822640.67  | 9.62997     | (19122408) |            |             |
| 392864.87   | 3822624.64  | 9.36666    | (19122408) | 392846.25   |
| 3822608.62  | 9.01111     | (19122408) |            |             |
| 392827.63   | 3822592.60  | 8.57071    | (19122408) | 392809.01   |
| 3822576.58  | 8.21113     | (16022308) |            |             |
| 392790.39   | 3822560.56  | 8.40682    | (16022308) | 392771.77   |
| 3822544.53  | 8.52671     | (16022308) |            |             |
| 392753.15   | 3822528.51  | 8.56601    | (16022308) | 392734.53   |
| 3822512.49  | 8.52179     | (16022308) |            |             |
| 392715.91   | 3822496.47  | 8.39308    | (16022308) | 392697.29   |
| 3822480.44  | 8.18112     | (16022308) |            |             |
| 392678.67   | 3822464.42  | 7.88961    | (16022308) | 392660.06   |
| 3822448.40  | 7.52481     | (16022308) |            |             |
| 392641.44   | 3822432.38  | 7.09491    | (16022308) | 392622.82   |
| 3822416.36  | 7.27108m    | (20100708) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392604.20  | 3822400.33          | 7.49257  | (20032008) | 392585.58 |
| 3822384.31 | 7.66613 (20032008)  |          |            |           |
| 392566.96  | 3822368.29          | 7.78838  | (20032008) | 392548.34 |
| 3822352.27 | 7.86342 (20032008)  |          |            |           |
| 392529.72  | 3822336.24          | 7.89743  | (20032008) | 392511.10 |
| 3822320.22 | 7.89765 (20032008)  |          |            |           |
| 392492.48  | 3822304.20          | 7.87153  | (20032008) | 392473.86 |
| 3822288.18 | 7.82618 (20032008)  |          |            |           |
| 392455.24  | 3822272.16          | 7.76552  | (20032008) | 392436.63 |
| 3822256.13 | 7.69241 (20032008)  |          |            |           |
| 392418.01  | 3822240.11          | 7.60657  | (20032008) | 392399.39 |
| 3822224.09 | 7.50534 (20032008)  |          |            |           |
| 392380.77  | 3822208.07          | 7.38407  | (20032008) | 392362.15 |
| 3822192.04 | 7.23697 (20032008)  |          |            |           |
| 392343.53  | 3822176.02          | 7.05821  | (20032008) | 392324.91 |
| 3822160.00 | 6.87088 (18020308)  |          |            |           |
| 392306.29  | 3822143.98          | 6.80119  | (20022708) | 392287.67 |
| 3822127.96 | 7.18466 (20022708)  |          |            |           |
| 392269.05  | 3822111.93          | 7.46009  | (20022708) | 392250.43 |
| 3822095.91 | 7.61287 (20022708)  |          |            |           |
| 392231.82  | 3822079.89          | 7.63452  | (20022708) | 392213.20 |
| 3822063.87 | 7.52317 (20022708)  |          |            |           |
| 392194.58  | 3822047.85          | 7.28385  | (20022708) | 392175.96 |
| 3822031.82 | 6.92811 (20022708)  |          |            |           |
| 392157.34  | 3822015.80          | 6.52289  | (18032008) | 392138.72 |
| 3821999.78 | 6.79441 (20011808)  |          |            |           |
| 392120.10  | 3821983.76          | 7.20929  | (20011808) | 391989.77 |
| 3821871.60 | 7.76403 (19120108)  |          |            |           |
| 391971.15  | 3821855.58          | 7.73654  | (19120108) | 391952.53 |
| 3821839.56 | 7.56813 (19120108)  |          |            |           |
| 391933.91  | 3821823.53          | 7.36685  | (19120508) | 391915.29 |
| 3821807.51 | 7.54456 (19120508)  |          |            |           |
| 391896.67  | 3821791.49          | 7.58416  | (19120508) | 391878.05 |
| 3821775.47 | 7.48285 (19120508)  |          |            |           |
| 391859.43  | 3821759.45          | 7.59922  | (17031324) | 391840.81 |
| 3821743.42 | 7.81948 (17031324)  |          |            |           |
| 391822.19  | 3821727.40          | 8.55132  | (16121408) | 391803.57 |
| 3821711.38 | 9.45299 (16121408)  |          |            |           |
| 391784.96  | 3821695.36          | 10.26828 | (16121408) | 391766.34 |
| 3821679.33 | 10.96085 (16121408) |          |            |           |
| 391747.72  | 3821663.31          | 11.49678 | (16121408) | 391729.10 |
| 3821647.29 | 11.84934 (16121408) |          |            |           |
| 391710.48  | 3821631.27          | 12.00026 | (16121408) | 391691.86 |
| 3821615.25 | 11.94143 (16121408) |          |            |           |
| 391673.24  | 3821599.22          | 11.67556 | (16121408) | 391654.62 |
| 3821583.20 | 11.21618 (16121408) |          |            |           |
| 391636.00  | 3821567.18          | 10.58626 | (16121408) | 391617.38 |
| 3821551.16 | 9.81643 (16121408)  |          |            |           |
| 391598.76  | 3821535.13          | 8.94230  | (16121408) | 391580.14 |
| 3821519.11 | 8.00247 (16121408)  |          |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391487.05   | 3821439.00  | 8.44460c   | (20073108) | 391468.43   |
| 3821422.98  | 8.47028c    | (20073108) |            |             |
| 391449.81   | 3821406.96  | 8.42949c   | (20073108) | 391431.19   |
| 3821390.93  | 8.30968c    | (20073108) |            |             |
| 391412.57   | 3821374.91  | 8.10132c   | (20073108) | 391393.95   |
| 3821358.89  | 7.89942     | (20111108) |            |             |
| 391375.33   | 3821342.87  | 7.67499    | (20111108) | 391356.71   |
| 3821326.85  | 7.30990     | (20111108) |            |             |
| 391338.10   | 3821310.82  | 6.96303    | (18011724) | 391319.48   |
| 3821294.80  | 7.72607     | (18011724) |            |             |
| 391300.86   | 3821278.78  | 8.43184    | (18011724) | 391282.24   |
| 3821262.76  | 9.05461     | (18011724) |            |             |
| 391263.62   | 3821246.74  | 9.57176    | (18011724) | 391245.00   |
| 3821230.71  | 9.96535     | (18011724) |            |             |
| 391226.38   | 3821214.69  | 10.22265   | (18011724) | 391207.76   |
| 3821198.67  | 10.33732    | (18011724) |            |             |
| 391189.14   | 3821182.65  | 10.30892   | (18011724) | 391170.52   |
| 3821166.62  | 10.14250    | (18011724) |            |             |
| 391151.90   | 3821150.60  | 9.84794    | (18011724) | 391133.28   |
| 3821134.58  | 9.43886     | (18011724) |            |             |
| 391114.67   | 3821118.56  | 8.93185    | (18011724) | 391096.05   |
| 3821102.54  | 8.34474     | (18011724) |            |             |
| 391077.43   | 3821086.51  | 7.69673    | (18011724) | 391058.81   |
| 3821070.49  | 7.00752     | (18011724) |            |             |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 391040.19  | 3821054.47         | 6.29600  | (18011724) | 391021.57 |
| 3821038.45 | 6.24886 (19082108) |          |            |           |
| 391002.95  | 3821022.42         | 6.38240  | (19062708) | 390984.33 |
| 3821006.40 | 6.81879 (19062708) |          |            |           |
| 390965.71  | 3820990.38         | 7.13923  | (19062708) | 390947.09 |
| 3820974.36 | 7.32519 (19062708) |          |            |           |
| 390928.47  | 3820958.34         | 7.36562  | (19062708) | 390909.86 |
| 3820942.31 | 7.25815 (19062708) |          |            |           |
| 390891.24  | 3820926.29         | 7.00917  | (19062708) | 390872.62 |
| 3820910.27 | 6.63337 (19062708) |          |            |           |
| 390854.00  | 3820894.25         | 6.23854c | (19090108) | 390835.38 |
| 3820878.22 | 6.21524 (20010724) |          |            |           |
| 390816.76  | 3820862.20         | 6.57971  | (20010724) | 390798.14 |
| 3820846.18 | 6.82635 (20010724) |          |            |           |
| 390779.52  | 3820830.16         | 6.94080  | (20010724) | 390760.90 |
| 3820814.14 | 7.05476 (19120508) |          |            |           |
| 390742.28  | 3820798.11         | 7.43776  | (19120508) | 390723.66 |
| 3820782.09 | 7.71000 (19120508) |          |            |           |
| 390705.04  | 3820766.07         | 7.85718  | (19120508) | 390686.43 |
| 3820750.05 | 7.87144 (19120508) |          |            |           |
| 390667.81  | 3820734.02         | 7.75210  | (19120508) | 390649.19 |
| 3820718.00 | 7.50586 (19120508) |          |            |           |
| 390630.57  | 3820701.98         | 7.14606  | (19120508) | 390611.95 |
| 3820685.96 | 6.69149 (19120508) |          |            |           |
| 390593.33  | 3820669.94         | 7.19541  | (17010724) | 390574.71 |
| 3820653.91 | 7.59261 (17010724) |          |            |           |
| 390556.09  | 3820637.89         | 7.85281  | (17010724) | 390537.47 |
| 3820621.87 | 7.96378 (17010724) |          |            |           |
| 390518.85  | 3820605.85         | 7.91725  | (17010724) | 390500.23 |
| 3820589.82 | 7.71620 (17010724) |          |            |           |
| 390481.61  | 3820573.80         | 7.89086  | (18111108) | 390463.00 |
| 3820557.78 | 8.36389 (18111108) |          |            |           |
| 390444.38  | 3820541.76         | 8.73753  | (18111108) | 390425.76 |
| 3820525.74 | 9.00065 (18111108) |          |            |           |
| 390407.14  | 3820509.71         | 9.14674  | (18111108) | 390388.52 |
| 3820493.69 | 9.17366 (18111108) |          |            |           |
| 390369.90  | 3820477.67         | 9.08358  | (18111108) | 390351.28 |
| 3820461.65 | 8.88232 (18111108) |          |            |           |
| 390332.66  | 3820445.63         | 8.57882  | (18111108) | 390314.04 |
| 3820429.60 | 8.18440 (18111108) |          |            |           |
| 390295.42  | 3820413.58         | 7.71266  | (18111108) | 390276.80 |
| 3820397.56 | 7.17831 (18111108) |          |            |           |
| 390258.18  | 3820381.54         | 6.64659  | (18070508) | 390239.57 |
| 3820365.51 | 6.83548 (19111224) |          |            |           |
| 390220.95  | 3820349.49         | 6.97999  | (19111224) | 390202.33 |
| 3820333.47 | 6.99157 (19111224) |          |            |           |
| 390183.71  | 3820317.45         | 6.87001  | (19111224) | 390165.09 |
| 3820301.43 | 6.62264 (19111224) |          |            |           |
| 390146.47  | 3820285.40         | 6.26350  | (19111224) | 390127.85 |
| 3820269.38 | 5.81243 (19111224) |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390109.23  | 3820253.36         | 6.18462 | (19112124) | 390090.61 |
| 3820237.34 | 6.72144 (20022908) |         |            |           |
| 390071.99  | 3820221.31         | 7.76554 | (20022908) | 390053.37 |
| 3820205.29 | 8.81493 (20022908) |         |            |           |
| 390034.75  | 3820189.27         | 9.83292 | (20022908) | 393181.39 |
| 3822897.02 | 6.51308 (20032208) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 909

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 393204.26   | 3822906.27         | 6.31341    | (19112124) | 393227.12   |
| 3822915.52  | 6.24498 (19112124) |            |            |             |
| 392662.67   | 3824116.96         | 7.65206    | (20032208) | 392643.98   |
| 3824100.88  | 7.81515 (20032208) |            |            |             |
| 392625.29   | 3824084.79         | 7.93567    | (20032208) | 392606.60   |
| 3824068.71  | 8.01156 (20032208) |            |            |             |
| 392587.91   | 3824052.62         | 8.04156    | (20032208) | 392569.22   |
| 3824036.54  | 8.02504 (20032208) |            |            |             |
| 392550.53   | 3824020.46         | 7.96212    | (20032208) | 392531.84   |
| 3824004.37  | 7.85353 (20032208) |            |            |             |
| 392513.15   | 3823988.29         | 7.72462    | (19122408) | 392494.46   |
| 3823972.21  | 7.69906 (19122408) |            |            |             |
| 392475.77   | 3823956.12         | 7.61951    | (19122408) | 392457.07   |
| 3823940.04  | 7.48562 (19122408) |            |            |             |
| 392438.38   | 3823923.95         | 7.29845    | (19122408) | 392419.69   |
| 3823907.87  | 7.06020 (19122408) |            |            |             |
| 392401.00   | 3823891.79         | 6.77436    | (19122408) | 392382.31   |
| 3823875.70  | 6.44562 (19122408) |            |            |             |
| 392363.62   | 3823859.62         | 6.48292    | (16022308) | 392344.93   |
| 3823843.54  | 6.59486 (16022308) |            |            |             |
| 392326.24   | 3823827.45         | 6.66457    | (16022308) | 392307.55   |
| 3823811.37  | 6.68994 (16022308) |            |            |             |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 392288.86  | 3823795.29          | 6.66956 | (16022308) | 392270.17 |
| 3823779.20 | 6.60275 (16022308)  |         |            |           |
| 392251.48  | 3823763.12          | 6.48966 | (16022308) | 392232.79 |
| 3823747.03 | 6.33130 (16022308)  |         |            |           |
| 392214.10  | 3823730.95          | 6.12970 | (16022308) | 392195.41 |
| 3823714.87 | 5.88779 (16022308)  |         |            |           |
| 392176.72  | 3823698.78          | 5.60946 | (16022308) | 392158.03 |
| 3823682.70 | 5.61886m (20100708) |         |            |           |
| 392139.33  | 3823666.62          | 5.75244 | (20122124) | 392120.64 |
| 3823650.53 | 5.85238 (20032008)  |         |            |           |
| 392101.95  | 3823634.45          | 5.95497 | (20032008) | 392083.26 |
| 3823618.37 | 6.02856 (20032008)  |         |            |           |
| 392064.57  | 3823602.28          | 6.07541 | (20032008) | 392045.88 |
| 3823586.20 | 6.09859 (20032008)  |         |            |           |
| 392027.19  | 3823570.11          | 6.10183 | (20032008) | 392008.50 |
| 3823554.03 | 6.08907 (20032008)  |         |            |           |
| 391989.81  | 3823537.95          | 6.06412 | (20032008) | 391971.12 |
| 3823521.86 | 6.03029 (20032008)  |         |            |           |
| 391952.43  | 3823505.78          | 5.99009 | (20032008) | 391933.74 |
| 3823489.70 | 5.94554 (20032008)  |         |            |           |
| 391915.05  | 3823473.61          | 5.89602 | (20032008) | 391896.36 |
| 3823457.53 | 5.84112 (20032008)  |         |            |           |
| 391877.67  | 3823441.44          | 5.77892 | (20032008) | 391858.98 |
| 3823425.36 | 5.70675 (20032008)  |         |            |           |
| 391840.29  | 3823409.28          | 5.62144 | (20032008) | 391821.59 |
| 3823393.19 | 5.51964 (20032008)  |         |            |           |
| 391802.90  | 3823377.11          | 5.39850 | (20032008) | 391784.21 |
| 3823361.03 | 5.30539 (18020308)  |         |            |           |
| 391765.52  | 3823344.94          | 5.34301 | (20022708) | 391746.83 |
| 3823328.86 | 5.60820 (20022708)  |         |            |           |
| 391728.14  | 3823312.78          | 5.81426 | (20022708) | 391709.45 |
| 3823296.69 | 5.95356 (20022708)  |         |            |           |
| 391690.76  | 3823280.61          | 6.02059 | (20022708) | 391672.07 |
| 3823264.52 | 6.01257 (20022708)  |         |            |           |
| 391653.38  | 3823248.44          | 5.92941 | (20022708) | 391634.69 |
| 3823232.36 | 5.77391 (20022708)  |         |            |           |
| 391616.00  | 3823216.27          | 5.55143 | (20022708) | 391597.31 |
| 3823200.19 | 5.26982 (20022708)  |         |            |           |
| 391578.62  | 3823184.11          | 5.13333 | (18032008) | 391559.93 |
| 3823168.02 | 5.38038 (20011808)  |         |            |           |
| 391541.24  | 3823151.94          | 5.65819 | (20011808) | 391522.55 |
| 3823135.86 | 5.87458 (20011808)  |         |            |           |
| 391503.85  | 3823119.77          | 6.02134 | (20011808) | 391485.16 |
| 3823103.69 | 6.09244 (20011808)  |         |            |           |
| 391466.47  | 3823087.60          | 6.08490 | (20011808) | 391447.78 |
| 3823071.52 | 5.99870 (20011808)  |         |            |           |
| 391429.09  | 3823055.44          | 5.83686 | (20011808) | 391410.40 |
| 3823039.35 | 5.99079 (19120108)  |         |            |           |
| 391391.71  | 3823023.27          | 6.09733 | (19120108) | 391373.02 |
| 3823007.19 | 6.12466 (19120108)  |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391242.19  | 3822894.60         | 5.85553 | (19120508) | 391223.50 |
| 3822878.52 | 5.98602 (17031324) |         |            |           |
| 391204.81  | 3822862.43         | 6.13887 | (17031324) | 391186.11 |
| 3822846.35 | 6.43749 (16121408) |         |            |           |
| 391167.42  | 3822830.27         | 7.05453 | (16121408) | 391148.73 |
| 3822814.18 | 7.63469 (16121408) |         |            |           |
| 391130.04  | 3822798.10         | 8.15961 | (16121408) | 391111.35 |
| 3822782.01 | 8.61219 (16121408) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 910

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC                | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|---------------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH)          |            |             |
| -----       |                     |                     |            |             |
| -----       |                     |                     |            |             |
| 391092.66   | 3822765.93          | 8.97657             | (16121408) | 391073.97   |
| 3822749.85  | 9.23983 (16121408)  |                     |            |             |
| 391055.28   | 3822733.76          | 9.39231             | (16121408) | 391036.59   |
| 3822717.68  | 9.42817 (16121408)  |                     |            |             |
| 391017.90   | 3822701.60          | 9.34601             | (16121408) | 390999.21   |
| 3822685.51  | 9.14875 (16121408)  |                     |            |             |
| 390980.52   | 3822669.43          | 8.84361             | (16121408) | 390961.83   |
| 3822653.35  | 8.44153 (16121408)  |                     |            |             |
| 390943.14   | 3822637.26          | 7.95647             | (16121408) | 390924.45   |
| 3822621.18  | 7.40504 (16121408)  |                     |            |             |
| 390905.76   | 3822605.09          | 6.80484             | (16121408) | 390887.07   |
| 3822589.01  | 6.18646 (17091024)  |                     |            |             |
| 390868.38   | 3822572.93          | 6.16949             | (17091024) | 390849.68   |
| 3822556.84  | 6.20692c (20073108) |                     |            |             |
| 390830.99   | 3822540.76          | 6.31291c (20073108) |            | 390812.30   |
| 3822524.68  | 6.40709c (20073108) |                     |            |             |
| 390793.61   | 3822508.59          | 6.48570c (20073108) |            | 390774.92   |
| 3822492.51  | 6.54334c (20073108) |                     |            |             |
| 390756.23   | 3822476.42          | 6.57361c (20073108) |            | 390737.54   |
| 3822460.34  | 6.56948c (20073108) |                     |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 390718.85  | 3822444.26          | 6.52423c (20073108) | 390700.16 |
| 3822428.17 | 6.43199c (20073108) |                     |           |
| 390681.47  | 3822412.09          | 6.28856c (20073108) | 390662.78 |
| 3822396.01 | 6.22465 (20111108)  |                     |           |
| 390644.09  | 3822379.92          | 6.08348 (20111108)  | 390625.40 |
| 3822363.84 | 5.86123 (20111108)  |                     |           |
| 390606.71  | 3822347.76          | 5.56690 (20111108)  | 390588.02 |
| 3822331.67 | 5.57555 (18011724)  |                     |           |
| 390569.33  | 3822315.59          | 6.07578 (18011724)  | 390550.64 |
| 3822299.50 | 6.54292 (18011724)  |                     |           |
| 390531.94  | 3822283.42          | 6.96471 (18011724)  | 390513.25 |
| 3822267.34 | 7.33009 (18011724)  |                     |           |
| 390494.56  | 3822251.25          | 7.63011 (18011724)  | 390475.87 |
| 3822235.17 | 7.85758 (18011724)  |                     |           |
| 390457.18  | 3822219.09          | 8.00791 (18011724)  | 390438.49 |
| 3822203.00 | 8.07889 (18011724)  |                     |           |
| 390419.80  | 3822186.92          | 8.07059 (18011724)  | 390401.11 |
| 3822170.84 | 7.98538 (18011724)  |                     |           |
| 390382.42  | 3822154.75          | 7.82743 (18011724)  | 390363.73 |
| 3822138.67 | 7.60256 (18011724)  |                     |           |
| 390345.04  | 3822122.58          | 7.31766 (18011724)  | 390326.35 |
| 3822106.50 | 6.98072 (18011724)  |                     |           |
| 390307.66  | 3822090.42          | 6.60012 (18011724)  | 390288.97 |
| 3822074.33 | 6.18449 (18011724)  |                     |           |
| 390270.28  | 3822058.25          | 5.74286 (18011724)  | 390251.59 |
| 3822042.17 | 5.28390 (18011724)  |                     |           |
| 390232.90  | 3822026.08          | 4.81599 (18011724)  | 390214.20 |
| 3822010.00 | 4.88613 (19082108)  |                     |           |
| 390195.51  | 3821993.91          | 4.94241 (19082108)  | 390176.82 |
| 3821977.83 | 5.20009 (19062708)  |                     |           |
| 390158.13  | 3821961.75          | 5.46222 (19062708)  | 390139.44 |
| 3821945.66 | 5.65503 (19062708)  |                     |           |
| 390120.75  | 3821929.58          | 5.77032 (19062708)  | 390102.06 |
| 3821913.50 | 5.80323 (19062708)  |                     |           |
| 390083.37  | 3821897.41          | 5.75234 (19062708)  | 390064.68 |
| 3821881.33 | 5.61984 (19062708)  |                     |           |
| 390045.99  | 3821865.25          | 5.41142 (19062708)  | 390027.30 |
| 3821849.16 | 5.13569 (19062708)  |                     |           |
| 390008.61  | 3821833.08          | 4.89392c (19090108) | 389989.92 |
| 3821816.99 | 4.86172c (19090108) |                     |           |
| 389971.23  | 3821800.91          | 5.07795 (20010724)  | 389952.54 |
| 3821784.83 | 5.28023 (20010724)  |                     |           |
| 389933.85  | 3821768.74          | 5.41171 (20010724)  | 389915.16 |
| 3821752.66 | 5.46677 (20010724)  |                     |           |
| 389896.46  | 3821736.58          | 5.48590 (19120508)  | 389877.77 |
| 3821720.49 | 5.75103 (19120508)  |                     |           |
| 389859.08  | 3821704.41          | 5.95626 (19120508)  | 389840.39 |
| 3821688.33 | 6.09391 (19120508)  |                     |           |
| 389821.70  | 3821672.24          | 6.15870 (19120508)  | 389803.01 |
| 3821656.16 | 6.14808 (19120508)  |                     |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389784.32  | 3821640.07         | 6.06256 | (19120508) | 389765.63 |
| 3821623.99 | 5.90560 (19120508) |         |            |           |
| 389746.94  | 3821607.91         | 5.68334 | (19120508) | 389728.25 |
| 3821591.82 | 5.40414 (19120508) |         |            |           |
| 389709.56  | 3821575.74         | 5.35501 | (17010724) | 389690.87 |
| 3821559.66 | 5.68743 (17010724) |         |            |           |
| 389672.18  | 3821543.57         | 5.95386 | (17010724) | 389653.49 |
| 3821527.49 | 6.14610 (17010724) |         |            |           |
| 389634.80  | 3821511.40         | 6.25448 | (17010724) | 389616.11 |
| 3821495.32 | 6.27447 (17010724) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 911

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 389597.42   | 3821479.24         | 6.20542    | (17010724) | 389578.72   |
| 3821463.15  | 6.05029 (17010724) |            |            |             |
| 389560.03   | 3821447.07         | 6.11074    | (18111108) | 389541.34   |
| 3821430.99  | 6.43282 (18111108) |            |            |             |
| 389522.65   | 3821414.90         | 6.70165    | (18111108) | 389503.96   |
| 3821398.82  | 6.91136 (18111108) |            |            |             |
| 389485.27   | 3821382.74         | 7.05814    | (18111108) | 389466.58   |
| 3821366.65  | 7.13987 (18111108) |            |            |             |
| 389447.89   | 3821350.57         | 7.15608    | (18111108) | 389429.20   |
| 3821334.48  | 7.10797 (18111108) |            |            |             |
| 389410.51   | 3821318.40         | 6.99812    | (18111108) | 389391.82   |
| 3821302.32  | 6.83032 (18111108) |            |            |             |
| 389373.13   | 3821286.23         | 6.60929    | (18111108) | 389354.44   |
| 3821270.15  | 6.34074 (18111108) |            |            |             |
| 389335.75   | 3821254.07         | 6.03085    | (18111108) | 389317.06   |
| 3821237.98  | 5.68622 (18111108) |            |            |             |
| 389298.37   | 3821221.90         | 5.31412    | (18111108) | 389279.68   |
| 3821205.82  | 5.25011 (19111224) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389260.98  | 3821189.73          | 5.41033  | (19111224) | 389242.29 |
| 3821173.65 | 5.49860 (19111224)  |          |            |           |
| 389223.60  | 3821157.56          | 5.51163  | (19111224) | 389204.91 |
| 3821141.48 | 5.44908 (19111224)  |          |            |           |
| 389186.22  | 3821125.40          | 5.31374  | (19111224) | 389167.53 |
| 3821109.31 | 5.11120 (19111224)  |          |            |           |
| 389148.84  | 3821093.23          | 4.84973  | (19111224) | 389130.15 |
| 3821077.15 | 4.53939 (19111224)  |          |            |           |
| 389111.46  | 3821061.06          | 4.79343  | (19112124) | 389092.77 |
| 3821044.98 | 5.04767 (19112124)  |          |            |           |
| 389074.08  | 3821028.89          | 5.56343  | (20022908) | 389055.39 |
| 3821012.81 | 6.26065 (20022908)  |          |            |           |
| 389036.70  | 3820996.73          | 6.95736  | (20022908) | 389018.01 |
| 3820980.64 | 7.63598 (20022908)  |          |            |           |
| 388999.32  | 3820964.56          | 8.27725  | (20022908) | 388980.63 |
| 3820948.48 | 8.86245 (20022908)  |          |            |           |
| 388961.94  | 3820932.39          | 9.37363  | (20022908) | 388943.24 |
| 3820916.31 | 9.79408 (20022908)  |          |            |           |
| 388924.55  | 3820900.23          | 10.10999 | (20022908) | 388905.86 |
| 3820884.14 | 10.31110 (20022908) |          |            |           |
| 388887.17  | 3820868.06          | 10.39070 | (20022908) | 392681.36 |
| 3824133.04 | 7.44908 (20032208)  |          |            |           |
| 392704.23  | 3824142.29          | 7.19481  | (20032208) | 392727.09 |
| 3824151.54 | 6.90061 (20032208)  |          |            |           |
| 392162.67  | 3825353.00          | 3.53890  | (20032208) | 392144.00 |
| 3825336.94 | 3.51609 (20032208)  |          |            |           |
| 392125.34  | 3825320.88          | 3.48813  | (20032208) | 392106.68 |
| 3825304.82 | 3.48756 (20032208)  |          |            |           |
| 392088.02  | 3825288.76          | 3.48230  | (20032208) | 392069.35 |
| 3825272.70 | 3.44794 (20032208)  |          |            |           |
| 392050.69  | 3825256.64          | 3.44550  | (20032208) | 392032.03 |
| 3825240.58 | 3.54453 (19122408)  |          |            |           |
| 392013.36  | 3825224.52          | 3.67082  | (19122408) | 391994.70 |
| 3825208.46 | 3.68199 (19122408)  |          |            |           |
| 391976.04  | 3825192.40          | 3.69318  | (18110408) | 391957.37 |
| 3825176.34 | 3.72975 (18110408)  |          |            |           |
| 391938.71  | 3825160.28          | 3.84454  | (16022308) | 391920.05 |
| 3825144.22 | 3.91712 (16022308)  |          |            |           |
| 391901.38  | 3825128.16          | 3.99679  | (16022308) | 391882.72 |
| 3825112.10 | 4.06447 (16022308)  |          |            |           |
| 391864.06  | 3825096.04          | 4.08600  | (16022308) | 391845.39 |
| 3825079.98 | 4.15632 (16022308)  |          |            |           |
| 391826.73  | 3825063.92          | 4.18649  | (16022308) | 391808.07 |
| 3825047.86 | 4.18685 (16022308)  |          |            |           |
| 391789.40  | 3825031.80          | 4.13737  | (16022308) | 391770.74 |
| 3825015.74 | 4.06700 (16022308)  |          |            |           |
| 391752.08  | 3824999.68          | 3.99063  | (16022308) | 391733.41 |
| 3824983.62 | 3.91882 (16022308)  |          |            |           |
| 391714.75  | 3824967.56          | 3.85571  | (16022308) | 391696.09 |
| 3824951.50 | 3.95698m (20100708) |          |            |           |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 391677.43  | 3824935.44          | 4.07770m (20100708) | 391658.76 |
| 3824919.38 | 4.20561m (20100708) |                     |           |
| 391640.10  | 3824903.32          | 4.40944m (20100708) | 391621.44 |
| 3824887.26 | 4.60569 (20032008)  |                     |           |
| 391602.77  | 3824871.20          | 4.79944 (20032008)  | 391584.11 |
| 3824855.14 | 4.89347 (20032008)  |                     |           |
| 391565.45  | 3824839.08          | 4.91448 (20032008)  | 391546.78 |
| 3824823.02 | 4.91999 (20032008)  |                     |           |
| 391528.12  | 3824806.96          | 4.91459 (20032008)  | 391509.46 |
| 3824790.90 | 4.90054 (20032008)  |                     |           |
| 391490.79  | 3824774.84          | 4.87997 (20032008)  | 391472.13 |
| 3824758.78 | 4.85483 (20032008)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 912

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 391453.47   | 3824742.72         | 4.82661    | (20032008) | 391434.80   |
| 3824726.66  | 4.79633 (20032008) |            |            |             |
| 391416.14   | 3824710.60         | 4.76486    | (20032008) | 391397.48   |
| 3824694.54  | 4.73146 (20032008) |            |            |             |
| 391378.81   | 3824678.48         | 4.69570    | (20032008) | 391360.15   |
| 3824662.42  | 4.65646 (20032008) |            |            |             |
| 391341.49   | 3824646.36         | 4.61216    | (20032008) | 391322.82   |
| 3824630.30  | 4.56093 (20032008) |            |            |             |
| 391304.16   | 3824614.24         | 4.50087    | (20032008) | 391285.50   |
| 3824598.18  | 4.43007 (20032008) |            |            |             |
| 391266.84   | 3824582.12         | 4.34687    | (20032008) | 391248.17   |
| 3824566.06  | 4.28410 (18020308) |            |            |             |
| 391229.51   | 3824550.00         | 4.31467    | (20022708) | 391210.85   |
| 3824533.94  | 4.51650 (20022708) |            |            |             |
| 391192.18   | 3824517.88         | 4.68430    | (20022708) | 391173.52   |
| 3824501.82  | 4.81335 (20022708) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391154.86  | 3824485.76          | 4.90006  | (20022708) | 391136.19 |
| 3824469.70 | 4.94185 (20022708)  |          |            |           |
| 391117.53  | 3824453.64          | 4.93735  | (20022708) | 391098.87 |
| 3824437.58 | 4.88652 (20022708)  |          |            |           |
| 391080.20  | 3824421.52          | 4.79055  | (20022708) | 391061.54 |
| 3824405.46 | 4.65204 (20022708)  |          |            |           |
| 391042.88  | 3824389.40          | 4.47459  | (20022708) | 391024.21 |
| 3824373.34 | 4.26275 (20022708)  |          |            |           |
| 391005.55  | 3824357.28          | 4.19444  | (18032008) | 390986.89 |
| 3824341.22 | 4.35863 (20011808)  |          |            |           |
| 390968.22  | 3824325.16          | 4.56755  | (20011808) | 390949.56 |
| 3824309.10 | 4.74069 (20011808)  |          |            |           |
| 390930.90  | 3824293.04          | 4.87322  | (20011808) | 390912.23 |
| 3824276.98 | 4.96130 (20011808)  |          |            |           |
| 390893.57  | 3824260.92          | 5.00218  | (20011808) | 390874.91 |
| 3824244.86 | 4.99454 (20011808)  |          |            |           |
| 390856.25  | 3824228.80          | 4.93844  | (20011808) | 390837.58 |
| 3824212.74 | 4.83528 (20011808)  |          |            |           |
| 390818.92  | 3824196.68          | 4.84613  | (19120108) | 390800.26 |
| 3824180.62 | 4.95385 (19120108)  |          |            |           |
| 390781.59  | 3824164.56          | 5.01439  | (19120108) | 390762.93 |
| 3824148.50 | 5.02577 (19120108)  |          |            |           |
| 390744.27  | 3824132.44          | 4.98752  | (19120108) | 390725.60 |
| 3824116.38 | 4.90057 (19120108)  |          |            |           |
| 390706.94  | 3824100.32          | 4.76738  | (19120108) | 390688.28 |
| 3824084.26 | 4.80373 (19120508)  |          |            |           |
| 390669.61  | 3824068.20          | 4.87965  | (19120508) | 390650.95 |
| 3824052.14 | 4.90739 (19120508)  |          |            |           |
| 390632.29  | 3824036.08          | 4.88600  | (19120508) | 390501.64 |
| 3823923.66 | 6.20308 (16121408)  |          |            |           |
| 390482.98  | 3823907.60          | 6.58250  | (16121408) | 390464.32 |
| 3823891.53 | 6.92006 (16121408)  |          |            |           |
| 390445.65  | 3823875.47          | 7.20708  | (16121408) | 390426.99 |
| 3823859.41 | 7.43587 (16121408)  |          |            |           |
| 390408.33  | 3823843.35          | 7.60035  | (16121408) | 390389.67 |
| 3823827.29 | 7.69596 (16121408)  |          |            |           |
| 390371.00  | 3823811.23          | 7.71998  | (16121408) | 390352.34 |
| 3823795.17 | 7.67170 (16121408)  |          |            |           |
| 390333.68  | 3823779.11          | 7.55244  | (16121408) | 390315.01 |
| 3823763.05 | 7.36535 (16121408)  |          |            |           |
| 390296.35  | 3823746.99          | 7.11565  | (16121408) | 390277.69 |
| 3823730.93 | 6.80992 (16121408)  |          |            |           |
| 390259.02  | 3823714.87          | 6.45596  | (16121408) | 390240.36 |
| 3823698.81 | 6.06291 (16121408)  |          |            |           |
| 390221.70  | 3823682.75          | 5.64011  | (16121408) | 390203.03 |
| 3823666.69 | 5.19706 (16121408)  |          |            |           |
| 390184.37  | 3823650.63          | 5.05418  | (17091024) | 390165.71 |
| 3823634.57 | 5.02080 (17091024)  |          |            |           |
| 390147.04  | 3823618.51          | 5.01911c | (20073108) | 390128.38 |
| 3823602.45 | 5.09335c (20073108) |          |            |           |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 390109.72  | 3823586.39          | 5.16212c (20073108) | 390091.05 |
| 3823570.33 | 5.22347c (20073108) |                     |           |
| 390072.39  | 3823554.27          | 5.27459c (20073108) | 390053.73 |
| 3823538.21 | 5.31209c (20073108) |                     |           |
| 390035.06  | 3823522.15          | 5.33215c (20073108) | 390016.40 |
| 3823506.09 | 5.33079c (20073108) |                     |           |
| 389997.74  | 3823490.03          | 5.30423c (20073108) | 389979.08 |
| 3823473.97 | 5.24915c (20073108) |                     |           |
| 389960.41  | 3823457.91          | 5.16292c (20073108) | 389941.75 |
| 3823441.85 | 5.13971 (20111108)  |                     |           |
| 389923.09  | 3823425.79          | 5.07263 (20111108)  | 389904.42 |
| 3823409.73 | 4.95311 (20111108)  |                     |           |
| 389885.76  | 3823393.67          | 4.78492 (20111108)  | 389867.10 |
| 3823377.61 | 4.57311 (20111108)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 913

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389848.43   | 3823361.55         | 4.41679    | (18011724) | 389829.77   |
| 3823345.49  | 4.77622 (18011724) |            |            |             |
| 389811.11   | 3823329.43         | 5.11871    | (18011724) | 389792.44   |
| 3823313.37  | 5.43773 (18011724) |            |            |             |
| 389773.78   | 3823297.31         | 5.72691    | (18011724) | 389755.12   |
| 3823281.25  | 5.98079 (18011724) |            |            |             |
| 389736.45   | 3823265.19         | 6.19477    | (18011724) | 389717.79   |
| 3823249.13  | 6.36500 (18011724) |            |            |             |
| 389699.13   | 3823233.07         | 6.48894    | (18011724) | 389680.46   |
| 3823217.01  | 6.56512 (18011724) |            |            |             |
| 389661.80   | 3823200.95         | 6.59309    | (18011724) | 389643.14   |
| 3823184.89  | 6.57351 (18011724) |            |            |             |
| 389624.47   | 3823168.83         | 6.50791    | (18011724) | 389605.81   |
| 3823152.77  | 6.39873 (18011724) |            |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 389587.15  | 3823136.71          | 6.24900             | (18011724) | 389568.49 |
| 3823120.65 | 6.06228 (18011724)  |                     |            |           |
| 389549.82  | 3823104.59          | 5.84245             | (18011724) | 389531.16 |
| 3823088.53 | 5.59390 (18011724)  |                     |            |           |
| 389512.50  | 3823072.47          | 5.32097             | (18011724) | 389493.83 |
| 3823056.41 | 5.02805 (18011724)  |                     |            |           |
| 389475.17  | 3823040.35          | 4.71981             | (18011724) | 389456.51 |
| 3823024.29 | 4.40063 (18011724)  |                     |            |           |
| 389437.84  | 3823008.23          | 4.07473             | (18011724) | 389419.18 |
| 3822992.17 | 3.93607 (19082108)  |                     |            |           |
| 389400.52  | 3822976.11          | 4.00666             | (19082108) | 389381.85 |
| 3822960.05 | 4.04116 (19082108)  |                     |            |           |
| 389363.19  | 3822943.99          | 4.22387             | (19062708) | 389344.53 |
| 3822927.93 | 4.42130 (19062708)  |                     |            |           |
| 389325.86  | 3822911.87          | 4.57797             | (19062708) | 389307.20 |
| 3822895.81 | 4.68887 (19062708)  |                     |            |           |
| 389288.54  | 3822879.75          | 4.75055             | (19062708) | 389269.87 |
| 3822863.69 | 4.76099 (19062708)  |                     |            |           |
| 389251.21  | 3822847.63          | 4.71988             | (19062708) | 389232.55 |
| 3822831.57 | 4.62854 (19062708)  |                     |            |           |
| 389213.88  | 3822815.51          | 4.48986             | (19062708) | 389195.22 |
| 3822799.45 | 4.30830 (19062708)  |                     |            |           |
| 389176.56  | 3822783.39          | 4.08941             | (19062708) | 389157.89 |
| 3822767.33 | 4.00487c (19090108) |                     |            |           |
| 389139.23  | 3822751.27          | 3.97265c (19090108) |            | 389120.57 |
| 3822735.21 | 4.14544 (20010724)  |                     |            |           |
| 389101.91  | 3822719.15          | 4.29725             | (20010724) | 389083.24 |
| 3822703.09 | 4.40656 (20010724)  |                     |            |           |
| 389064.58  | 3822687.03          | 4.46985             | (20010724) | 389045.92 |
| 3822670.97 | 4.48515 (20010724)  |                     |            |           |
| 389027.25  | 3822654.91          | 4.50351             | (19120508) | 389008.59 |
| 3822638.85 | 4.68846 (19120508)  |                     |            |           |
| 388989.93  | 3822622.79          | 4.83674             | (19120508) | 388971.26 |
| 3822606.73 | 4.94416 (19120508)  |                     |            |           |
| 388952.60  | 3822590.67          | 5.00756             | (19120508) | 388933.94 |
| 3822574.61 | 5.02513 (19120508)  |                     |            |           |
| 388915.27  | 3822558.55          | 4.99636             | (19120508) | 388896.61 |
| 3822542.49 | 4.92218 (19120508)  |                     |            |           |
| 388877.95  | 3822526.43          | 4.80480             | (19120508) | 388859.28 |
| 3822510.37 | 4.64760 (19120508)  |                     |            |           |
| 388840.62  | 3822494.31          | 4.45518             | (19120508) | 388821.96 |
| 3822478.25 | 4.23527 (17010724)  |                     |            |           |
| 388803.29  | 3822462.19          | 4.49488             | (17010724) | 388784.63 |
| 3822446.13 | 4.71852 (17010724)  |                     |            |           |
| 388765.97  | 3822430.07          | 4.90202             | (17010724) | 388747.30 |
| 3822414.01 | 5.03828 (17010724)  |                     |            |           |
| 388728.64  | 3822397.95          | 5.12303             | (17010724) | 388709.98 |
| 3822381.89 | 5.15371 (17010724)  |                     |            |           |
| 388691.32  | 3822365.83          | 5.12940             | (17010724) | 388672.65 |
| 3822349.77 | 5.05093 (17010724)  |                     |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388653.99  | 3822333.71         | 4.92091 | (17010724) | 388635.33 |
| 3822317.65 | 4.98850 (18111108) |         |            |           |
| 388616.66  | 3822301.59         | 5.21527 | (18111108) | 388598.00 |
| 3822285.53 | 5.40993 (18111108) |         |            |           |
| 388579.34  | 3822269.47         | 5.56949 | (18111108) | 388560.67 |
| 3822253.41 | 5.69174 (18111108) |         |            |           |
| 388542.01  | 3822237.35         | 5.77521 | (18111108) | 388523.35 |
| 3822221.29 | 5.81929 (18111108) |         |            |           |
| 388504.68  | 3822205.23         | 5.82410 | (18111108) | 388486.02 |
| 3822189.17 | 5.79042 (18111108) |         |            |           |
| 388467.36  | 3822173.11         | 5.71966 | (18111108) | 388448.69 |
| 3822157.05 | 5.61368 (18111108) |         |            |           |
| 388430.03  | 3822140.98         | 5.47487 | (18111108) | 388411.37 |
| 3822124.92 | 5.30596 (18111108) |         |            |           |
| 388392.70  | 3822108.86         | 5.10987 | (18111108) | 388374.04 |
| 3822092.80 | 4.88995 (18111108) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 914

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388355.38   | 3822076.74         | 4.64958    | (18111108) | 388336.71   |
| 3822060.68  | 4.39226 (18111108) |            |            |             |
| 388318.05   | 3822044.62         | 4.28411    | (18070508) | 388299.39   |
| 3822028.56  | 4.36098 (19111224) |            |            |             |
| 388280.73   | 3822012.50         | 4.46045    | (19111224) | 388262.06   |
| 3821996.44  | 4.51506 (19111224) |            |            |             |
| 388243.40   | 3821980.38         | 4.52323    | (19111224) | 388224.74   |
| 3821964.32  | 4.48482 (19111224) |            |            |             |
| 388206.07   | 3821948.26         | 4.40110    | (19111224) | 388187.41   |
| 3821932.20  | 4.27479 (19111224) |            |            |             |
| 388168.75   | 3821916.14         | 4.10972    | (19111224) | 388150.08   |
| 3821900.08  | 3.91074 (19111224) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388131.42  | 3821884.02          | 3.68365  | (19111224) | 388112.76 |
| 3821867.96 | 3.89151 (19112124)  |          |            |           |
| 388094.09  | 3821851.90          | 4.08121  | (19112124) | 388075.43 |
| 3821835.84 | 4.24312 (20022908)  |          |            |           |
| 388056.77  | 3821819.78          | 4.73126  | (20022908) | 388038.10 |
| 3821803.72 | 5.22618 (20022908)  |          |            |           |
| 388019.44  | 3821787.66          | 5.71887  | (20022908) | 388000.78 |
| 3821771.60 | 6.19994 (20022908)  |          |            |           |
| 387982.11  | 3821755.54          | 6.65954  | (20022908) | 387963.45 |
| 3821739.48 | 7.08740 (20022908)  |          |            |           |
| 387944.79  | 3821723.42          | 7.47384  | (20022908) | 387926.12 |
| 3821707.36 | 7.80978 (20022908)  |          |            |           |
| 387907.46  | 3821691.30          | 8.08690  | (20022908) | 387888.80 |
| 3821675.24 | 8.29846 (20022908)  |          |            |           |
| 387870.13  | 3821659.18          | 8.43923  | (20022908) | 387851.47 |
| 3821643.12 | 8.50576 (20022908)  |          |            |           |
| 387832.81  | 3821627.06          | 8.49661  | (20022908) | 387814.15 |
| 3821611.00 | 8.41233 (20022908)  |          |            |           |
| 387795.48  | 3821594.94          | 8.25536  | (20022908) | 387776.82 |
| 3821578.88 | 8.03016 (20022908)  |          |            |           |
| 387758.16  | 3821562.82          | 7.74267  | (20022908) | 387739.49 |
| 3821546.76 | 7.40019 (20022908)  |          |            |           |
| 392181.33  | 3825369.06          | 3.47527  | (20032208) | 392204.20 |
| 3825378.31 | 3.42866 (20032208)  |          |            |           |
| 392227.06  | 3825387.56          | 3.37841  | (20032208) | 391662.66 |
| 3826589.04 | 1.77965 (20032208)  |          |            |           |
| 391644.02  | 3826573.00          | 1.77189  | (20032208) | 391625.37 |
| 3826556.96 | 1.70291 (20032208)  |          |            |           |
| 391606.73  | 3826540.91          | 1.57508  | (20091708) | 391588.09 |
| 3826524.87 | 1.55948 (20091708)  |          |            |           |
| 391569.44  | 3826508.83          | 1.58193  | (20091708) | 391550.80 |
| 3826492.79 | 1.57455 (20091708)  |          |            |           |
| 391532.16  | 3826476.74          | 1.55865  | (20091708) | 391513.52 |
| 3826460.70 | 1.53964 (20091708)  |          |            |           |
| 391494.87  | 3826444.66          | 1.51327  | (20091708) | 391476.23 |
| 3826428.62 | 1.52236 (16022308)  |          |            |           |
| 391457.59  | 3826412.57          | 1.55465  | (16022308) | 391438.94 |
| 3826396.53 | 1.58862 (16022308)  |          |            |           |
| 391420.30  | 3826380.49          | 1.61752  | (16022308) | 391401.66 |
| 3826364.45 | 1.60973 (16022308)  |          |            |           |
| 391383.02  | 3826348.40          | 1.60032  | (16022308) | 391364.37 |
| 3826332.36 | 1.59234 (16022308)  |          |            |           |
| 391345.73  | 3826316.32          | 1.58081  | (16022308) | 391327.09 |
| 3826300.28 | 1.56531 (16022308)  |          |            |           |
| 391308.45  | 3826284.23          | 1.54378  | (16022308) | 391289.80 |
| 3826268.19 | 1.51713m (20100708) |          |            |           |
| 391271.16  | 3826252.15          | 1.58521m | (20100708) | 391252.52 |
| 3826236.11 | 1.65470m (20100708) |          |            |           |
| 391233.87  | 3826220.06          | 1.72121m | (20100708) | 391215.23 |
| 3826204.02 | 1.78019m (20100708) |          |            |           |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 391196.59  | 3826187.98          | 1.82972m (20100708) | 391177.95 |
| 3826171.94 | 1.88669m (20100708) |                     |           |
| 391159.30  | 3826155.89          | 1.98186m (20100708) | 391140.66 |
| 3826139.85 | 2.04694m (20100708) |                     |           |
| 391122.02  | 3826123.81          | 2.04219m (20100708) | 391103.37 |
| 3826107.77 | 1.99146m (20100708) |                     |           |
| 391084.73  | 3826091.72          | 1.96229m (20100708) | 391066.09 |
| 3826075.68 | 1.93350m (20100708) |                     |           |
| 391047.45  | 3826059.64          | 1.83638 (20032008)  | 391028.80 |
| 3826043.60 | 1.80536 (20032008)  |                     |           |
| 391010.16  | 3826027.55          | 1.80472 (20032008)  | 390991.52 |
| 3826011.51 | 1.78782 (20032008)  |                     |           |
| 390972.88  | 3825995.47          | 1.76114 (20032008)  | 390954.23 |
| 3825979.43 | 1.76589 (20081408)  |                     |           |
| 390935.59  | 3825963.38          | 1.87949 (20081408)  | 390916.95 |
| 3825947.34 | 2.01038 (20081408)  |                     |           |
| 390898.30  | 3825931.30          | 2.13800 (20081408)  | 390879.66 |
| 3825915.26 | 2.26808 (20081408)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 915

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390861.02   | 3825899.21         | 2.38336    | (20081408) | 390842.38   |
| 3825883.17  | 2.41207 (20081408) |            |            |             |
| 390823.73   | 3825867.13         | 2.38880    | (20032008) | 390805.09   |
| 3825851.08  | 2.41061 (20032008) |            |            |             |
| 390786.45   | 3825835.04         | 2.42783    | (20032008) | 390767.80   |
| 3825819.00  | 2.44253 (20032008) |            |            |             |
| 390749.16   | 3825802.96         | 2.43434    | (20032008) | 390730.52   |
| 3825786.91  | 2.41446 (20032008) |            |            |             |
| 390711.88   | 3825770.87         | 2.41963    | (20032008) | 390693.23   |
| 3825754.83  | 2.47202 (18020308) |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390674.59  | 3825738.79         | 2.53490 | (18020308) | 390655.95 |
| 3825722.74 | 2.62628 (20022708) |         |            |           |
| 390637.30  | 3825706.70         | 2.83656 | (20022708) | 390618.66 |
| 3825690.66 | 2.92721 (20022708) |         |            |           |
| 390600.02  | 3825674.62         | 3.03028 | (20022708) | 390581.38 |
| 3825658.57 | 3.20632 (20022708) |         |            |           |
| 390562.73  | 3825642.53         | 3.23241 | (20022708) | 390544.09 |
| 3825626.49 | 3.14831 (20022708) |         |            |           |
| 390525.45  | 3825610.45         | 3.14595 | (20022708) | 390506.81 |
| 3825594.40 | 3.12482 (20022708) |         |            |           |
| 390488.16  | 3825578.36         | 3.08862 | (20022708) | 390469.52 |
| 3825562.32 | 3.03005 (20022708) |         |            |           |
| 390450.88  | 3825546.28         | 3.04553 | (18032008) | 390432.23 |
| 3825530.23 | 3.17871 (18032008) |         |            |           |
| 390413.59  | 3825514.19         | 3.28775 | (20011808) | 390394.95 |
| 3825498.15 | 3.56228 (20011808) |         |            |           |
| 390376.31  | 3825482.11         | 3.75657 | (20011808) | 390357.66 |
| 3825466.06 | 3.94480 (20011808) |         |            |           |
| 390339.02  | 3825450.02         | 4.13538 | (20011808) | 390320.38 |
| 3825433.98 | 4.19141 (20011808) |         |            |           |
| 390301.73  | 3825417.94         | 4.21595 | (20011808) | 390283.09 |
| 3825401.89 | 4.20849 (20011808) |         |            |           |
| 390264.45  | 3825385.85         | 4.16912 | (20011808) | 390245.81 |
| 3825369.81 | 4.09865 (20011808) |         |            |           |
| 390227.16  | 3825353.77         | 4.02955 | (19120108) | 390208.52 |
| 3825337.72 | 4.12702 (19120108) |         |            |           |
| 390189.88  | 3825321.68         | 4.19452 | (19120108) | 390171.24 |
| 3825305.64 | 4.23046 (19120108) |         |            |           |
| 390152.59  | 3825289.60         | 4.23390 | (19120108) | 390133.95 |
| 3825273.55 | 4.20468 (19120108) |         |            |           |
| 390115.31  | 3825257.51         | 4.14339 | (19120108) | 390096.66 |
| 3825241.47 | 4.05130 (19120108) |         |            |           |
| 390078.02  | 3825225.43         | 4.00253 | (19120508) | 390059.38 |
| 3825209.38 | 4.07788 (19120508) |         |            |           |
| 390040.74  | 3825193.34         | 4.12234 | (19120508) | 390022.09 |
| 3825177.30 | 4.13482 (19120508) |         |            |           |
| 390003.45  | 3825161.26         | 4.11494 | (19120508) | 389984.81 |
| 3825145.21 | 4.06307 (19120508) |         |            |           |
| 389966.16  | 3825129.17         | 4.04670 | (17031324) | 389947.52 |
| 3825113.13 | 4.15490 (17031324) |         |            |           |
| 389928.88  | 3825097.09         | 4.23410 | (17031324) | 389910.24 |
| 3825081.04 | 4.28218 (17031324) |         |            |           |
| 389891.59  | 3825065.00         | 4.55662 | (16121408) | 389761.09 |
| 3824952.70 | 6.30314 (16121408) |         |            |           |
| 389742.45  | 3824936.66         | 6.41211 | (16121408) | 389723.81 |
| 3824920.62 | 6.47550 (16121408) |         |            |           |
| 389705.17  | 3824904.58         | 6.49192 | (16121408) | 389686.52 |
| 3824888.53 | 6.46097 (16121408) |         |            |           |
| 389667.88  | 3824872.49         | 6.38332 | (16121408) | 389649.24 |
| 3824856.45 | 6.26063 (16121408) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389630.59  | 3824840.40 | 6.09540    | (16121408) | 389611.95 |
| 3824824.36 | 5.89127    | (16121408) |            |           |
| 389593.31  | 3824808.32 | 5.65234    | (16121408) | 389574.67 |
| 3824792.28 | 5.38341    | (16121408) |            |           |
| 389556.02  | 3824776.23 | 5.08952    | (16121408) | 389537.38 |
| 3824760.19 | 4.77648    | (16121408) |            |           |
| 389518.74  | 3824744.15 | 4.44973    | (16121408) | 389500.09 |
| 3824728.11 | 4.24160    | (17091024) |            |           |
| 389481.45  | 3824712.06 | 4.23478    | (17091024) | 389462.81 |
| 3824696.02 | 4.19738    | (17091024) |            |           |
| 389444.17  | 3824679.98 | 4.17316c   | (20073108) | 389425.52 |
| 3824663.94 | 4.22785c   | (20073108) |            |           |
| 389406.88  | 3824647.89 | 4.27997c   | (20073108) | 389388.24 |
| 3824631.85 | 4.32836c   | (20073108) |            |           |
| 389369.59  | 3824615.81 | 4.37150c   | (20073108) | 389350.95 |
| 3824599.77 | 4.40739c   | (20073108) |            |           |
| 389332.31  | 3824583.72 | 4.43384c   | (20073108) | 389313.67 |
| 3824567.68 | 4.44844c   | (20073108) |            |           |
| 389295.02  | 3824551.64 | 4.44877c   | (20073108) | 389276.38 |
| 3824535.60 | 4.43255c   | (20073108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 916

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389257.74   | 3824519.55  | 4.39773c   | (20073108) | 389239.10   |
| 3824503.51  | 4.34267c    | (20073108) |            |             |
| 389220.45   | 3824487.47  | 4.34122    | (20111108) | 389201.81   |
| 3824471.43  | 4.31007     | (20111108) |            |             |
| 389183.17   | 3824455.38  | 4.24357    | (20111108) | 389164.52   |
| 3824439.34  | 4.14331     | (20111108) |            |             |
| 389145.88   | 3824423.30  | 4.01175    | (20111108) | 389127.24   |
| 3824407.26  | 3.85196     | (20111108) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389108.60  | 3824391.21          | 3.66760  | (20111108) | 389089.95 |
| 3824375.17 | 3.88642 (18011724)  |          |            |           |
| 389071.31  | 3824359.13          | 4.14596  | (18011724) | 389052.67 |
| 3824343.09 | 4.39223 (18011724)  |          |            |           |
| 389034.02  | 3824327.04          | 4.62160  | (18011724) | 389015.38 |
| 3824311.00 | 4.83039 (18011724)  |          |            |           |
| 388996.74  | 3824294.96          | 5.01564  | (18011724) | 388978.10 |
| 3824278.92 | 5.17473 (18011724)  |          |            |           |
| 388959.45  | 3824262.87          | 5.30563  | (18011724) | 388940.81 |
| 3824246.83 | 5.40662 (18011724)  |          |            |           |
| 388922.17  | 3824230.79          | 5.47679  | (18011724) | 388903.53 |
| 3824214.75 | 5.51574 (18011724)  |          |            |           |
| 388884.88  | 3824198.70          | 5.52357  | (18011724) | 388866.24 |
| 3824182.66 | 5.50088 (18011724)  |          |            |           |
| 388847.60  | 3824166.62          | 5.44876  | (18011724) | 388828.95 |
| 3824150.58 | 5.36862 (18011724)  |          |            |           |
| 388810.31  | 3824134.53          | 5.26226  | (18011724) | 388791.67 |
| 3824118.49 | 5.13171 (18011724)  |          |            |           |
| 388773.03  | 3824102.45          | 4.97916  | (18011724) | 388754.38 |
| 3824086.41 | 4.80691 (18011724)  |          |            |           |
| 388735.74  | 3824070.36          | 4.61745  | (18011724) | 388717.10 |
| 3824054.32 | 4.41332 (18011724)  |          |            |           |
| 388698.45  | 3824038.28          | 4.19691  | (18011724) | 388679.81 |
| 3824022.24 | 3.97085 (18011724)  |          |            |           |
| 388661.17  | 3824006.19          | 3.73751  | (18011724) | 388642.53 |
| 3823990.15 | 3.49941 (18011724)  |          |            |           |
| 388623.88  | 3823974.11          | 3.25878  | (18011724) | 388605.24 |
| 3823958.07 | 3.32748 (19082108)  |          |            |           |
| 388586.60  | 3823942.02          | 3.37349  | (19082108) | 388567.95 |
| 3823925.98 | 3.39570 (19082108)  |          |            |           |
| 388549.31  | 3823909.94          | 3.53023  | (19062708) | 388530.67 |
| 3823893.90 | 3.68325 (19062708)  |          |            |           |
| 388512.03  | 3823877.85          | 3.81046  | (19062708) | 388493.38 |
| 3823861.81 | 3.90872 (19062708)  |          |            |           |
| 388474.74  | 3823845.77          | 3.97560  | (19062708) | 388456.10 |
| 3823829.72 | 4.00946 (19062708)  |          |            |           |
| 388437.46  | 3823813.68          | 4.00942  | (19062708) | 388418.81 |
| 3823797.64 | 3.97549 (19062708)  |          |            |           |
| 388400.17  | 3823781.60          | 3.90855  | (19062708) | 388381.53 |
| 3823765.55 | 3.81025 (19062708)  |          |            |           |
| 388362.88  | 3823749.51          | 3.68301  | (19062708) | 388344.24 |
| 3823733.47 | 3.52998 (19062708)  |          |            |           |
| 388325.60  | 3823717.43          | 3.36602c | (19090108) | 388306.96 |
| 3823701.38 | 3.36475c (19090108) |          |            |           |
| 388288.31  | 3823685.34          | 3.33698  | (20010724) | 388269.67 |
| 3823669.30 | 3.47896 (20010724)  |          |            |           |
| 388251.03  | 3823653.26          | 3.59635  | (20010724) | 388232.38 |
| 3823637.21 | 3.68637 (20010724)  |          |            |           |
| 388213.74  | 3823621.17          | 3.74670  | (20010724) | 388195.10 |
| 3823605.13 | 3.77591 (20010724)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388176.46  | 3823589.09         | 3.77328 | (20010724) | 388157.81 |
| 3823573.04 | 3.79385 (19120508) |         |            |           |
| 388139.17  | 3823557.00         | 3.92951 | (19120508) | 388120.53 |
| 3823540.96 | 4.04111 (19120508) |         |            |           |
| 388101.89  | 3823524.92         | 4.12619 | (19120508) | 388083.24 |
| 3823508.87 | 4.18283 (19120508) |         |            |           |
| 388064.60  | 3823492.83         | 4.20968 | (19120508) | 388045.96 |
| 3823476.79 | 4.20619 (19120508) |         |            |           |
| 388027.31  | 3823460.75         | 4.17244 | (19120508) | 388008.67 |
| 3823444.70 | 4.10923 (19120508) |         |            |           |
| 387990.03  | 3823428.66         | 4.01808 | (19120508) | 387971.39 |
| 3823412.62 | 3.90104 (19120508) |         |            |           |
| 387952.74  | 3823396.58         | 3.76069 | (19120508) | 387934.10 |
| 3823380.53 | 3.60010 (19120508) |         |            |           |
| 387915.46  | 3823364.49         | 3.66436 | (17010724) | 387896.81 |
| 3823348.45 | 3.84814 (17010724) |         |            |           |
| 387878.17  | 3823332.41         | 4.00869 | (17010724) | 387859.53 |
| 3823316.36 | 4.14106 (17010724) |         |            |           |
| 387840.89  | 3823300.32         | 4.24203 | (17010724) | 387822.24 |
| 3823284.28 | 4.30923 (17010724) |         |            |           |
| 387803.60  | 3823268.24         | 4.34101 | (17010724) | 387784.96 |
| 3823252.19 | 4.33664 (17010724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 917

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387766.31   | 3823236.15         | 4.29625    | (17010724) | 387747.67   |
| 3823220.11  | 4.22092 (17010724) |            |            |             |
| 387729.03   | 3823204.07         | 4.11253    | (17010724) | 387710.39   |
| 3823188.02  | 4.18464 (18111108) |            |            |             |
| 387691.74   | 3823171.98         | 4.35177    | (18111108) | 387673.10   |
| 3823155.94  | 4.49815 (18111108) |            |            |             |

|            |           |                    |         |            |           |
|------------|-----------|--------------------|---------|------------|-----------|
| 3823123.85 | 387654.46 | 3823139.90         | 4.62206 | (18111108) | 387635.82 |
|            |           | 4.72219 (18111108) |         |            |           |
|            | 387617.17 | 3823107.81         | 4.79755 | (18111108) | 387598.53 |
| 3823091.77 |           | 4.84761 (18111108) |         |            |           |
|            | 387579.89 | 3823075.73         | 4.87224 | (18111108) | 387561.24 |
| 3823059.68 |           | 4.87167 (18111108) |         |            |           |
|            | 387542.60 | 3823043.64         | 4.84642 | (18111108) | 387523.96 |
| 3823027.60 |           | 4.79734 (18111108) |         |            |           |
|            | 387505.32 | 3823011.56         | 4.72550 | (18111108) | 387486.67 |
| 3822995.51 |           | 4.63211 (18111108) |         |            |           |
|            | 387468.03 | 3822979.47         | 4.51875 | (18111108) | 387449.39 |
| 3822963.43 |           | 4.38697 (18111108) |         |            |           |
|            | 387430.74 | 3822947.39         | 4.23845 | (18111108) | 387412.10 |
| 3822931.34 |           | 4.07507 (18111108) |         |            |           |
|            | 387393.46 | 3822915.30         | 3.89878 | (18111108) | 387374.82 |
| 3822899.26 |           | 3.71152 (18111108) |         |            |           |
|            | 387356.17 | 3822883.22         | 3.64007 | (18070508) | 387337.53 |
| 3822867.17 |           | 3.61084 (19111224) |         |            |           |
|            | 387318.89 | 3822851.13         | 3.70466 | (19111224) | 387300.25 |
| 3822835.09 |           | 3.77017 (19111224) |         |            |           |
|            | 387281.60 | 3822819.04         | 3.80590 | (19111224) | 387262.96 |
| 3822803.00 |           | 3.81099 (19111224) |         |            |           |
|            | 387244.32 | 3822786.96         | 3.78542 | (19111224) | 387225.67 |
| 3822770.92 |           | 3.72985 (19111224) |         |            |           |
|            | 387207.03 | 3822754.87         | 3.64568 | (19111224) | 387188.39 |
| 3822738.83 |           | 3.53496 (19111224) |         |            |           |
|            | 387169.75 | 3822722.79         | 3.40030 | (19111224) | 387151.10 |
| 3822706.75 |           | 3.24472 (19111224) |         |            |           |
|            | 387132.46 | 3822690.70         | 3.08639 | (19112124) | 387113.82 |
| 3822674.66 |           | 3.25100 (19112124) |         |            |           |
|            | 387095.17 | 3822658.62         | 3.39710 | (19112124) | 387076.53 |
| 3822642.58 |           | 3.52150 (19112124) |         |            |           |
|            | 387057.89 | 3822626.53         | 3.72327 | (20022908) | 387039.25 |
| 3822610.49 |           | 4.08780 (20022908) |         |            |           |
|            | 387020.60 | 3822594.45         | 4.45534 | (20022908) | 387001.96 |
| 3822578.41 |           | 4.82054 (20022908) |         |            |           |
|            | 386983.32 | 3822562.36         | 5.17809 | (20022908) | 386964.67 |
| 3822546.32 |           | 5.52207 (20022908) |         |            |           |
|            | 386946.03 | 3822530.28         | 5.84664 | (20022908) | 386927.39 |
| 3822514.24 |           | 6.14615 (20022908) |         |            |           |
|            | 386908.75 | 3822498.19         | 6.41524 | (20022908) | 386890.10 |
| 3822482.15 |           | 6.64874 (20022908) |         |            |           |
|            | 386871.46 | 3822466.11         | 6.84219 | (20022908) | 386852.82 |
| 3822450.07 |           | 6.99193 (20022908) |         |            |           |
|            | 386834.18 | 3822434.02         | 7.09511 | (20022908) | 386815.53 |
| 3822417.98 |           | 7.14971 (20022908) |         |            |           |
|            | 386796.89 | 3822401.94         | 7.15481 | (20022908) | 386778.25 |
| 3822385.90 |           | 7.11049 (20022908) |         |            |           |
|            | 386759.60 | 3822369.85         | 7.01776 | (20022908) | 386740.96 |
| 3822353.81 |           | 6.87877 (20022908) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386722.32  | 3822337.77         | 6.69644 | (20022908) | 386703.68 |
| 3822321.73 | 6.47450 (20022908) |         |            |           |
| 386685.03  | 3822305.68         | 6.21718 | (20022908) | 386666.39 |
| 3822289.64 | 5.92973 (20022908) |         |            |           |
| 386647.75  | 3822273.60         | 5.61729 | (20022908) | 386629.10 |
| 3822257.56 | 5.28531 (20022908) |         |            |           |
| 386610.46  | 3822241.51         | 4.93939 | (20022908) | 386591.82 |
| 3822225.47 | 4.58516 (20022908) |         |            |           |
| 391681.30  | 3826605.08         | 1.71654 | (20032208) | 391704.17 |
| 3826614.33 | 1.67566 (20032208) |         |            |           |
| 391727.03  | 3826623.58         | 1.70815 | (20032208) | 391162.58 |
| 3827825.02 | 1.35782 (20091708) |         |            |           |
| 391143.90  | 3827808.94         | 1.24401 | (20091708) | 391125.21 |
| 3827792.86 | 1.05190 (20091708) |         |            |           |
| 391106.52  | 3827776.78         | 0.85430 | (20091708) | 391087.83 |
| 3827760.70 | 0.75638 (20091708) |         |            |           |
| 391069.15  | 3827744.62         | 0.70028 | (20091708) | 391050.46 |
| 3827728.54 | 0.68317 (20091708) |         |            |           |
| 391031.77  | 3827712.46         | 0.67835 | (20091708) | 391013.08 |
| 3827696.38 | 0.68019 (20091708) |         |            |           |
| 390994.40  | 3827680.30         | 0.67792 | (20091708) | 390975.71 |
| 3827664.21 | 0.66305 (20091708) |         |            |           |
| 390957.02  | 3827648.13         | 0.64807 | (20091708) | 390938.33 |
| 3827632.05 | 0.64604 (20091708) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 918

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 390919.65   | 3827615.97          | 0.63946    | (20091708) | 390900.96   |
| 3827599.89  | 0.62636 (20091708)  |            |            |             |
| 390882.27   | 3827583.81          | 0.66265m   | (20100708) | 390863.58   |
| 3827567.73  | 0.78487m (20100708) |            |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 390844.90  | 3827551.65          | 0.92915m (20100708) | 390826.21 |
| 3827535.57 | 1.07006m (20100708) |                     |           |
| 390807.52  | 3827519.48          | 1.18548m (20100708) | 390788.83 |
| 3827503.40 | 1.28050m (20100708) |                     |           |
| 390770.15  | 3827487.32          | 1.33116m (20100708) | 390751.46 |
| 3827471.24 | 1.32931m (20100708) |                     |           |
| 390732.77  | 3827455.16          | 1.33478m (20100708) | 390714.08 |
| 3827439.08 | 1.34950m (20100708) |                     |           |
| 390695.40  | 3827423.00          | 1.39966m (20100708) | 390676.71 |
| 3827406.92 | 1.48573m (20100708) |                     |           |
| 390658.02  | 3827390.84          | 1.53282m (20100708) | 390639.33 |
| 3827374.76 | 1.55770m (20100708) |                     |           |
| 390620.65  | 3827358.67          | 1.58167m (20100708) | 390601.96 |
| 3827342.59 | 1.62410m (20100708) |                     |           |
| 390583.27  | 3827326.51          | 1.66184m (20100708) | 390564.58 |
| 3827310.43 | 1.68839m (20100708) |                     |           |
| 390545.90  | 3827294.35          | 1.72704 (20032008)  | 390527.21 |
| 3827278.27 | 1.76523 (20032008)  |                     |           |
| 390508.52  | 3827262.19          | 1.79838 (20032008)  | 390489.83 |
| 3827246.11 | 1.80235 (20032008)  |                     |           |
| 390471.15  | 3827230.03          | 1.79009 (20032008)  | 390452.46 |
| 3827213.95 | 1.79403 (20032008)  |                     |           |
| 390433.77  | 3827197.86          | 1.81847 (20081408)  | 390415.08 |
| 3827181.78 | 1.84934 (20081408)  |                     |           |
| 390396.40  | 3827165.70          | 1.86693 (20081408)  | 390377.71 |
| 3827149.62 | 1.85332 (20081408)  |                     |           |
| 390359.02  | 3827133.54          | 1.82919 (20081408)  | 390340.33 |
| 3827117.46 | 1.82527 (20081408)  |                     |           |
| 390321.65  | 3827101.38          | 1.80796 (20081408)  | 390302.96 |
| 3827085.30 | 1.77493 (20081408)  |                     |           |
| 390284.27  | 3827069.22          | 1.73508 (20081408)  | 390265.58 |
| 3827053.14 | 1.70373 (20032008)  |                     |           |
| 390246.90  | 3827037.05          | 1.69668 (20032008)  | 390228.21 |
| 3827020.97 | 1.68187 (20032008)  |                     |           |
| 390209.52  | 3827004.89          | 1.66949 (17090308)  | 390190.83 |
| 3826988.81 | 1.67374 (17090308)  |                     |           |
| 390172.15  | 3826972.73          | 1.67386 (17090308)  | 390153.46 |
| 3826956.65 | 1.65931 (17090308)  |                     |           |
| 390134.77  | 3826940.57          | 1.63330 (17090308)  | 390116.08 |
| 3826924.49 | 1.61111 (17090308)  |                     |           |
| 390097.40  | 3826908.41          | 1.60150 (20092408)  | 390078.71 |
| 3826892.33 | 1.63052 (20092408)  |                     |           |
| 390060.02  | 3826876.24          | 1.64979 (20092408)  | 390041.33 |
| 3826860.16 | 1.66394 (20022708)  |                     |           |
| 390022.65  | 3826844.08          | 1.67863 (20022708)  | 390003.96 |
| 3826828.00 | 1.69130 (20022708)  |                     |           |
| 389985.27  | 3826811.92          | 1.70327 (20022708)  | 389966.58 |
| 3826795.84 | 1.69037 (20022708)  |                     |           |
| 389947.90  | 3826779.76          | 1.65750 (20092408)  | 389929.21 |
| 3826763.68 | 1.65730 (20092408)  |                     |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389910.52  | 3826747.60         | 1.64710 | (20092408) | 389891.83 |
| 3826731.52 | 1.62601 (18032008) |         |            |           |
| 389873.15  | 3826715.43         | 1.64996 | (18032008) | 389854.46 |
| 3826699.35 | 1.66867 (18032008) |         |            |           |
| 389835.77  | 3826683.27         | 1.67921 | (18032008) | 389817.08 |
| 3826667.19 | 1.70757 (20011808) |         |            |           |
| 389798.40  | 3826651.11         | 1.82587 | (20011808) | 389779.71 |
| 3826635.03 | 1.99585 (20011808) |         |            |           |
| 389761.02  | 3826618.95         | 2.20202 | (20011808) | 389742.33 |
| 3826602.87 | 2.31216 (20011808) |         |            |           |
| 389723.65  | 3826586.79         | 2.39343 | (20011808) | 389704.96 |
| 3826570.71 | 2.49513 (20011808) |         |            |           |
| 389686.27  | 3826554.62         | 2.56580 | (20011808) | 389667.58 |
| 3826538.54 | 2.52389 (20092608) |         |            |           |
| 389648.90  | 3826522.46         | 2.46123 | (20092608) | 389630.21 |
| 3826506.38 | 2.42828 (20092608) |         |            |           |
| 389611.52  | 3826490.30         | 2.44282 | (20092608) | 389592.83 |
| 3826474.22 | 2.47684 (20092608) |         |            |           |
| 389574.15  | 3826458.14         | 2.54056 | (20092608) | 389555.46 |
| 3826442.06 | 2.61120 (20092608) |         |            |           |
| 389536.77  | 3826425.98         | 2.68350 | (20092608) | 389518.08 |
| 3826409.90 | 2.73235 (20092608) |         |            |           |
| 389499.40  | 3826393.81         | 2.81090 | (20092608) | 389480.71 |
| 3826377.73 | 2.92660 (20092608) |         |            |           |
| 389462.02  | 3826361.65         | 3.02004 | (20092608) | 389443.33 |
| 3826345.57 | 3.18071 (19120508) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 919

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389424.65   | 3826329.49  | 3.31119    | (19120508) | 389405.96   |
| 3826313.41  | 3.38153     | (19120508) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389387.27  | 3826297.33          | 3.34737  | (19120508) | 389368.58 |
| 3826281.25 | 3.33635 (19120508)  |          |            |           |
| 389349.90  | 3826265.17          | 3.32150  | (19120508) | 389331.21 |
| 3826249.09 | 3.31366 (17031324)  |          |            |           |
| 389312.52  | 3826233.00          | 3.31808  | (17031324) | 389293.83 |
| 3826216.92 | 3.22652 (16010508)  |          |            |           |
| 389275.15  | 3826200.84          | 3.09644  | (16010508) | 389256.46 |
| 3826184.76 | 3.01712 (16121408)  |          |            |           |
| 389237.77  | 3826168.68          | 3.19884  | (16121408) | 389219.08 |
| 3826152.60 | 3.36111 (16121408)  |          |            |           |
| 389200.40  | 3826136.52          | 3.47238  | (16121408) | 389181.71 |
| 3826120.44 | 3.62575 (16121408)  |          |            |           |
| 389163.02  | 3826104.36          | 3.85216  | (16121408) | 389144.33 |
| 3826088.28 | 4.12183 (16121408)  |          |            |           |
| 389032.21  | 3825991.79          | 5.56755  | (16121408) | 389013.52 |
| 3825975.71 | 5.44885 (16121408)  |          |            |           |
| 388994.83  | 3825959.63          | 5.15732  | (16121408) | 388976.15 |
| 3825943.55 | 4.89091 (16121408)  |          |            |           |
| 388957.46  | 3825927.47          | 4.72817  | (16121408) | 388938.77 |
| 3825911.38 | 4.61010 (16121408)  |          |            |           |
| 388920.08  | 3825895.30          | 4.49918  | (16121408) | 388901.40 |
| 3825879.22 | 4.37431 (16121408)  |          |            |           |
| 388882.71  | 3825863.14          | 4.26089  | (16121408) | 388864.02 |
| 3825847.06 | 4.15838 (16121408)  |          |            |           |
| 388845.33  | 3825830.98          | 4.00195  | (16121408) | 388826.65 |
| 3825814.90 | 3.76159 (16121408)  |          |            |           |
| 388807.96  | 3825798.82          | 3.63579  | (17091024) | 388789.27 |
| 3825782.74 | 3.63253 (17091024)  |          |            |           |
| 388770.58  | 3825766.66          | 3.60791  | (17091024) | 388751.90 |
| 3825750.57 | 3.56240 (17091024)  |          |            |           |
| 388733.21  | 3825734.49          | 3.56240c | (20073108) | 388714.52 |
| 3825718.41 | 3.60396c (20073108) |          |            |           |
| 388695.83  | 3825702.33          | 3.64408c | (20073108) | 388677.15 |
| 3825686.25 | 3.68194c (20073108) |          |            |           |
| 388658.46  | 3825670.17          | 3.71650c | (20073108) | 388639.77 |
| 3825654.09 | 3.74646c (20073108) |          |            |           |
| 388621.08  | 3825638.01          | 3.77035c | (20073108) | 388602.40 |
| 3825621.93 | 3.78663c (20073108) |          |            |           |
| 388583.71  | 3825605.85          | 3.79372c | (20073108) | 388565.02 |
| 3825589.76 | 3.79007c (20073108) |          |            |           |
| 388546.33  | 3825573.68          | 3.77424c | (20073108) | 388527.65 |
| 3825557.60 | 3.74502c (20073108) |          |            |           |
| 388508.96  | 3825541.52          | 3.73131  | (20111108) | 388490.27 |
| 3825525.44 | 3.73201 (20111108)  |          |            |           |
| 388471.58  | 3825509.36          | 3.70757  | (20111108) | 388452.90 |
| 3825493.28 | 3.65849 (20111108)  |          |            |           |
| 388434.21  | 3825477.20          | 3.58569  | (20111108) | 388415.52 |
| 3825461.12 | 3.49060 (20111108)  |          |            |           |
| 388396.83  | 3825445.04          | 3.37505  | (20111108) | 388378.15 |
| 3825428.95 | 3.24124 (20111108)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388359.46  | 3825412.87         | 3.13995 | (18011724) | 388340.77 |
| 3825396.79 | 3.34611 (18011724) |         |            |           |
| 388322.08  | 3825380.71         | 3.54546 | (18011724) | 388303.40 |
| 3825364.63 | 3.73553 (18011724) |         |            |           |
| 388284.71  | 3825348.55         | 3.91410 | (18011724) | 388266.02 |
| 3825332.47 | 4.07896 (18011724) |         |            |           |
| 388247.33  | 3825316.39         | 4.22814 | (18011724) | 388228.65 |
| 3825300.31 | 4.35986 (18011724) |         |            |           |
| 388209.96  | 3825284.23         | 4.47278 | (18011724) | 388191.27 |
| 3825268.14 | 4.56572 (18011724) |         |            |           |
| 388172.58  | 3825252.06         | 4.63782 | (18011724) | 388153.90 |
| 3825235.98 | 4.68860 (18011724) |         |            |           |
| 388135.21  | 3825219.90         | 4.71789 | (18011724) | 388116.52 |
| 3825203.82 | 4.72579 (18011724) |         |            |           |
| 388097.83  | 3825187.74         | 4.71268 | (18011724) | 388079.15 |
| 3825171.66 | 4.67923 (18011724) |         |            |           |
| 388060.46  | 3825155.58         | 4.62625 | (18011724) | 388041.77 |
| 3825139.50 | 4.55480 (18011724) |         |            |           |
| 388023.08  | 3825123.42         | 4.46606 | (18011724) | 388004.40 |
| 3825107.33 | 4.36134 (18011724) |         |            |           |
| 387985.71  | 3825091.25         | 4.24200 | (18011724) | 387967.02 |
| 3825075.17 | 4.10951 (18011724) |         |            |           |
| 387948.33  | 3825059.09         | 3.96535 | (18011724) | 387929.65 |
| 3825043.01 | 3.81108 (18011724) |         |            |           |
| 387910.96  | 3825026.93         | 3.64812 | (18011724) | 387892.27 |
| 3825010.85 | 3.47802 (18011724) |         |            |           |
| 387873.58  | 3824994.77         | 3.30227 | (18011724) | 387854.90 |
| 3824978.69 | 3.12242 (18011724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 920

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 387836.21  | 3824962.61          | 2.93979             | (18011724) | 387817.52 |
| 3824946.52 | 2.79676 (19082108)  |                     |            |           |
| 387798.83  | 3824930.44          | 2.85082             | (19082108) | 387780.15 |
| 3824914.36 | 2.88899 (19082108)  |                     |            |           |
| 387761.46  | 3824898.28          | 2.91073             | (19082108) | 387742.77 |
| 3824882.20 | 2.96152 (19062708)  |                     |            |           |
| 387724.08  | 3824866.12          | 3.08989             | (19062708) | 387705.40 |
| 3824850.04 | 3.20169 (19062708)  |                     |            |           |
| 387686.71  | 3824833.96          | 3.29482             | (19062708) | 387668.02 |
| 3824817.88 | 3.36742 (19062708)  |                     |            |           |
| 387649.33  | 3824801.79          | 3.41803             | (19062708) | 387630.65 |
| 3824785.71 | 3.44559 (19062708)  |                     |            |           |
| 387611.96  | 3824769.63          | 3.44958             | (19062708) | 387593.27 |
| 3824753.55 | 3.42990 (19062708)  |                     |            |           |
| 387574.58  | 3824737.47          | 3.38696             | (19062708) | 387555.90 |
| 3824721.39 | 3.32166 (19062708)  |                     |            |           |
| 387537.21  | 3824705.31          | 3.23527             | (19062708) | 387518.52 |
| 3824689.23 | 3.12954 (19062708)  |                     |            |           |
| 387499.83  | 3824673.15          | 3.00651             | (19062708) | 387481.15 |
| 3824657.07 | 2.88950c (19090108) |                     |            |           |
| 387462.46  | 3824640.98          | 2.88954c (19090108) |            | 387443.77 |
| 3824624.90 | 2.86979c (19090108) |                     |            |           |
| 387425.08  | 3824608.82          | 2.94501             | (20010724) | 387406.40 |
| 3824592.74 | 3.04452 (20010724)  |                     |            |           |
| 387387.71  | 3824576.66          | 3.12587             | (20010724) | 387369.02 |
| 3824560.58 | 3.18742 (20010724)  |                     |            |           |
| 387350.33  | 3824544.50          | 3.22795             | (20010724) | 387331.65 |
| 3824528.42 | 3.24664 (20010724)  |                     |            |           |
| 387312.96  | 3824512.34          | 3.24312             | (20010724) | 387294.27 |
| 3824496.26 | 3.22647 (19120508)  |                     |            |           |
| 387275.58  | 3824480.17          | 3.33533             | (19120508) | 387256.90 |
| 3824464.09 | 3.42796 (19120508)  |                     |            |           |
| 387238.21  | 3824448.01          | 3.50278             | (19120508) | 387219.52 |
| 3824431.93 | 3.55840 (19120508)  |                     |            |           |
| 387200.84  | 3824415.85          | 3.59380             | (19120508) | 387182.15 |
| 3824399.77 | 3.60834 (19120508)  |                     |            |           |
| 387163.46  | 3824383.69          | 3.60175             | (19120508) | 387144.77 |
| 3824367.61 | 3.57416 (19120508)  |                     |            |           |
| 387126.09  | 3824351.53          | 3.52612             | (19120508) | 387107.40 |
| 3824335.45 | 3.45852 (19120508)  |                     |            |           |
| 387088.71  | 3824319.36          | 3.37260             | (19120508) | 387070.02 |
| 3824303.28 | 3.26997 (19120508)  |                     |            |           |
| 387051.34  | 3824287.20          | 3.15247             | (19120508) | 387032.65 |
| 3824271.12 | 3.02206 (19120508)  |                     |            |           |
| 387013.96  | 3824255.04          | 3.17201             | (17010724) | 386995.27 |
| 3824238.96 | 3.31310 (17010724)  |                     |            |           |
| 386976.59  | 3824222.88          | 3.43785             | (17010724) | 386957.90 |
| 3824206.80 | 3.54314 (17010724)  |                     |            |           |
| 386939.21  | 3824190.72          | 3.62692             | (17010724) | 386920.52 |
| 3824174.64 | 3.68755 (17010724)  |                     |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386901.84  | 3824158.55 | 3.72386    | (17010724) | 386883.15 |
| 3824142.47 | 3.73512    | (17010724) |            |           |
| 386864.46  | 3824126.39 | 3.72114    | (17010724) | 386845.77 |
| 3824110.31 | 3.68224    | (17010724) |            |           |
| 386827.09  | 3824094.23 | 3.61924    | (17010724) | 386808.40 |
| 3824078.15 | 3.53338    | (17010724) |            |           |
| 386789.71  | 3824062.07 | 3.55131    | (18111108) | 386771.02 |
| 3824045.99 | 3.68254    | (18111108) |            |           |
| 386752.34  | 3824029.91 | 3.79980    | (18111108) | 386733.65 |
| 3824013.83 | 3.90200    | (18111108) |            |           |
| 386714.96  | 3823997.74 | 3.98824    | (18111108) | 386696.27 |
| 3823981.66 | 4.05776    | (18111108) |            |           |
| 386677.59  | 3823965.58 | 4.11013    | (18111108) | 386658.90 |
| 3823949.50 | 4.14516    | (18111108) |            |           |
| 386640.21  | 3823933.42 | 4.16279    | (18111108) | 386621.52 |
| 3823917.34 | 4.16321    | (18111108) |            |           |
| 386602.84  | 3823901.26 | 4.14677    | (18111108) | 386584.15 |
| 3823885.18 | 4.11396    | (18111108) |            |           |
| 386565.46  | 3823869.10 | 4.06541    | (18111108) | 386546.77 |
| 3823853.02 | 4.00188    | (18111108) |            |           |
| 386528.09  | 3823836.93 | 3.92421    | (18111108) | 386509.40 |
| 3823820.85 | 3.83331    | (18111108) |            |           |
| 386490.71  | 3823804.77 | 3.73020    | (18111108) | 386472.02 |
| 3823788.69 | 3.61592    | (18111108) |            |           |
| 386453.34  | 3823772.61 | 3.49161    | (18111108) | 386434.65 |
| 3823756.53 | 3.35834    | (18111108) |            |           |
| 386415.96  | 3823740.45 | 3.21734    | (18111108) | 386397.27 |
| 3823724.37 | 3.15490    | (18070508) |            |           |
| 386378.59  | 3823708.29 | 3.09881    | (18070508) | 386359.90 |
| 3823692.21 | 3.12604    | (19111224) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 921

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386341.21  | 3823676.12         | 3.19450 | (19111224) | 386322.52 |
| 3823660.04 | 3.24302 (19111224) |         |            |           |
| 386303.84  | 3823643.96         | 3.27073 | (19111224) | 386285.15 |
| 3823627.88 | 3.27713 (19111224) |         |            |           |
| 386266.46  | 3823611.80         | 3.26213 | (19111224) | 386247.77 |
| 3823595.72 | 3.22606 (19111224) |         |            |           |
| 386229.09  | 3823579.64         | 3.16969 | (19111224) | 386210.40 |
| 3823563.56 | 3.09409 (19111224) |         |            |           |
| 386191.71  | 3823547.48         | 3.00075 | (19111224) | 386173.02 |
| 3823531.40 | 2.89142 (19111224) |         |            |           |
| 386154.34  | 3823515.31         | 2.76811 | (19111224) | 386135.65 |
| 3823499.23 | 2.63301 (19111224) |         |            |           |
| 386116.96  | 3823483.15         | 2.76054 | (19112124) | 386098.27 |
| 3823467.07 | 2.87811 (19112124) |         |            |           |
| 386079.59  | 3823450.99         | 2.98130 | (19112124) | 386060.90 |
| 3823434.91 | 3.06831 (19112124) |         |            |           |
| 386042.21  | 3823418.83         | 3.26780 | (20022908) | 386023.52 |
| 3823402.75 | 3.54984 (20022908) |         |            |           |
| 386004.84  | 3823386.67         | 3.83339 | (20022908) | 385986.15 |
| 3823370.59 | 4.11534 (20022908) |         |            |           |
| 385967.46  | 3823354.50         | 4.39227 | (20022908) | 385948.77 |
| 3823338.42 | 4.66041 (20022908) |         |            |           |
| 385930.09  | 3823322.34         | 4.91619 | (20022908) | 385911.40 |
| 3823306.26 | 5.15612 (20022908) |         |            |           |
| 385892.71  | 3823290.18         | 5.37665 | (20022908) | 385874.02 |
| 3823274.10 | 5.57449 (20022908) |         |            |           |
| 385855.34  | 3823258.02         | 5.74660 | (20022908) | 385836.65 |
| 3823241.94 | 5.89039 (20022908) |         |            |           |
| 385817.96  | 3823225.86         | 6.00358 | (20022908) | 385799.27 |
| 3823209.78 | 6.08442 (20022908) |         |            |           |
| 385780.59  | 3823193.69         | 6.13168 | (20022908) | 385761.90 |
| 3823177.61 | 6.14465 (20022908) |         |            |           |
| 385743.21  | 3823161.53         | 6.12325 | (20022908) | 385724.52 |
| 3823145.45 | 6.06793 (20022908) |         |            |           |
| 385705.84  | 3823129.37         | 5.97974 | (20022908) | 385687.15 |
| 3823113.29 | 5.86018 (20022908) |         |            |           |
| 385668.46  | 3823097.21         | 5.71128 | (20022908) | 385649.77 |
| 3823081.13 | 5.53549 (20022908) |         |            |           |
| 385631.09  | 3823065.05         | 5.33567 | (20022908) | 385612.40 |
| 3823048.97 | 5.11481 (20022908) |         |            |           |
| 385593.71  | 3823032.88         | 4.87616 | (20022908) | 385575.02 |
| 3823016.80 | 4.62331 (20022908) |         |            |           |
| 385556.34  | 3823000.72         | 4.35974 | (20022908) | 385537.65 |
| 3822984.64 | 4.08874 (20022908) |         |            |           |
| 385518.96  | 3822968.56         | 3.81374 | (20022908) | 385500.27 |
| 3822952.48 | 3.57913 (16102124) |         |            |           |
| 385481.59  | 3822936.40         | 3.53986 | (16102124) | 391181.27 |
| 3827841.11 | 1.35141 (20091708) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391204.14  | 3827850.36 | 1.53240    | (20032208) | 391227.00 |
| 3827859.61 | 1.91598    | (20032208) |            |           |
| 395700.42  | 3816918.48 | 19.66779   | (18022824) | 395721.00 |
| 3816929.46 | 19.21772   | (18022824) |            |           |
| 395741.58  | 3816940.43 | 19.30083m  | (19081008) | 395762.16 |
| 3816951.41 | 20.28243m  | (19081008) |            |           |
| 395782.74  | 3816962.39 | 21.31735m  | (19081008) | 395803.32 |
| 3816973.36 | 22.01718m  | (19081008) |            |           |
| 395823.90  | 3816984.34 | 22.51343m  | (19081008) | 395844.48 |
| 3816995.32 | 23.19179m  | (19081008) |            |           |
| 395865.06  | 3817006.29 | 24.44258   | (16010308) | 395885.65 |
| 3817017.27 | 26.36749   | (16010308) |            |           |
| 395688.65  | 3816940.54 | 20.97394   | (18022824) | 395709.23 |
| 3816951.52 | 20.60779   | (18022824) |            |           |
| 395729.81  | 3816962.49 | 20.21724   | (18022824) | 395750.40 |
| 3816973.47 | 20.40292   | (17051808) |            |           |
| 395770.98  | 3816984.45 | 22.91246   | (17051808) | 395791.56 |
| 3816995.42 | 25.31380   | (17051808) |            |           |
| 395812.14  | 3817006.40 | 27.49808   | (17051808) | 395832.72 |
| 3817017.38 | 29.19756   | (17051808) |            |           |
| 395853.30  | 3817028.35 | 30.73028   | (17051808) | 395873.88 |
| 3817039.33 | 32.93189   | (17051808) |            |           |
| 395676.89  | 3816962.60 | 20.48643   | (18022824) | 395697.47 |
| 3816973.58 | 20.26645   | (18022824) |            |           |
| 395718.05  | 3816984.55 | 19.98339   | (18022824) | 395738.63 |
| 3816995.53 | 21.82926   | (16021408) |            |           |
| 395759.21  | 3817006.50 | 24.02938   | (16021408) | 395779.79 |
| 3817017.48 | 25.76596   | (16021408) |            |           |
| 395800.37  | 3817028.46 | 27.07425   | (16021408) | 395820.95 |
| 3817039.43 | 28.55202   | (16021408) |            |           |
| 395841.54  | 3817050.41 | 30.02033   | (17051808) | 395862.12 |
| 3817061.39 | 33.17785   | (17051808) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 922

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH)   | X-COORD (M) |
|----------------------------|---------------------|--------------------|----------------------|-------------|
| -----                      |                     |                    |                      |             |
|                            | 395665.12           | 3816984.66         | 26.94159 (19011108)  | 395685.70   |
| 3816995.63                 | 29.31932            | (19011108)         |                      |             |
|                            | 395706.29           | 3817006.61         | 32.16245 (19011108)  | 395726.87   |
| 3817017.59                 | 34.82443            | (19011108)         |                      |             |
|                            | 395747.45           | 3817028.56         | 37.03032 (19011108)  | 395768.03   |
| 3817039.54                 | 39.24380            | (19011108)         |                      |             |
|                            | 395788.61           | 3817050.52         | 40.71148 (19011108)  | 395809.19   |
| 3817061.49                 | 42.00600            | (19011108)         |                      |             |
|                            | 395829.77           | 3817072.47         | 43.61360 (19011108)  | 395850.35   |
| 3817083.45                 | 45.33848            | (19011108)         |                      |             |
|                            | 395641.59           | 3817028.78         | 32.84330 (19011108)  | 395662.18   |
| 3817039.75                 | 37.64305            | (19011108)         |                      |             |
|                            | 395682.76           | 3817050.73         | 43.37317 (19011108)  | 395703.34   |
| 3817061.71                 | 49.64056            | (19011108)         |                      |             |
|                            | 395723.92           | 3817072.68         | 55.43233 (19011108)  | 395744.50   |
| 3817083.66                 | 61.70185            | (19011108)         |                      |             |
|                            | 395765.08           | 3817094.63         | 68.07943 (19011108)  | 395785.66   |
| 3817105.61                 | 73.33881            | (19011108)         |                      |             |
|                            | 395806.24           | 3817116.59         | 78.64108 (19011108)  | 395826.82   |
| 3817127.56                 | 85.65542            | (19011108)         |                      |             |
|                            | 395618.06           | 3817072.89         | 40.51835c (20112424) | 395638.65   |
| 3817083.87                 | 42.26071c           | (20112424)         |                      |             |
|                            | 395659.23           | 3817094.85         | 42.39455c (20112424) | 395679.81   |
| 3817105.82                 | 42.86192c           | (20112424)         |                      |             |
|                            | 395700.39           | 3817116.80         | 42.73820c (20112424) | 395720.97   |
| 3817127.78                 | 43.51082            | (18121608)         |                      |             |
|                            | 395741.55           | 3817138.75         | 49.93889 (18121608)  | 395762.13   |
| 3817149.73                 | 56.30117            | (18121608)         |                      |             |
|                            | 395782.71           | 3817160.70         | 62.81248 (19011108)  | 395803.29   |
| 3817171.68                 | 72.64913            | (19011108)         |                      |             |
|                            | 395615.12           | 3817127.99         | 83.53390 (16022608)  | 395635.70   |
| 3817138.96                 | 82.87564            | (16022608)         |                      |             |
|                            | 395656.28           | 3817149.94         | 78.36146 (16022608)  | 395676.86   |
| 3817160.92                 | 73.14828            | (16022608)         |                      |             |
|                            | 395697.44           | 3817171.89         | 66.69503 (16022608)  | 395718.02   |
| 3817182.87                 | 63.51823c           | (20112424)         |                      |             |
|                            | 395738.60           | 3817193.85         | 62.95974c (20112424) | 395759.18   |
| 3817204.82                 | 61.92102c           | (20112424)         |                      |             |
|                            | 395779.76           | 3817215.80         | 60.49397c (20112424) | 395591.59   |
| 3817172.11                 | 90.73326            | (16122008)         |                      |             |
|                            | 395612.17           | 3817183.08         | 81.89620 (20081108)  | 395632.75   |
| 3817194.06                 | 77.62005            | (20081108)         |                      |             |
|                            | 395653.33           | 3817205.03         | 81.37747 (16022608)  | 395673.91   |
| 3817216.01                 | 85.85371            | (16022608)         |                      |             |
|                            | 395694.49           | 3817226.99         | 88.11283 (16022608)  | 395715.07   |
| 3817237.96                 | 88.16880            | (16022608)         |                      |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395735.65  | 3817248.94 | 86.21031   | (16022608) | 395756.23 |
| 3817259.92 | 82.56017   | (16022608) |            |           |
| 395568.06  | 3817216.22 | 108.67835  | (19021208) | 395588.64 |
| 3817227.20 | 104.89688  | (16122008) |            |           |
| 395609.22  | 3817238.18 | 102.12567  | (16122008) | 395629.80 |
| 3817249.15 | 98.21258   | (16122008) |            |           |
| 395650.38  | 3817260.13 | 93.27343   | (16122008) | 395670.96 |
| 3817271.11 | 87.36149   | (16122008) |            |           |
| 395691.54  | 3817282.08 | 80.55921   | (16122008) | 395712.12 |
| 3817293.06 | 73.04259   | (16122008) |            |           |
| 395732.71  | 3817304.03 | 70.52354   | (20081108) | 395521.00 |
| 3817304.46 | 74.50736   | (20110208) |            |           |
| 395541.58  | 3817315.44 | 72.78749   | (16122908) | 395562.16 |
| 3817326.41 | 68.64683   | (16122908) |            |           |
| 395582.74  | 3817337.39 | 64.89725   | (18112608) | 395603.32 |
| 3817348.36 | 69.14106   | (18012408) |            |           |
| 395623.90  | 3817359.34 | 70.79972   | (18012408) | 395644.49 |
| 3817370.32 | 69.59707   | (18012408) |            |           |
| 395665.07  | 3817381.29 | 76.15225   | (19021208) | 395685.65 |
| 3817392.27 | 83.13253   | (19021208) |            |           |
| 395494.52  | 3817403.67 | 86.28313   | (20111608) | 395515.10 |
| 3817414.65 | 80.62843   | (20111608) |            |           |
| 395535.68  | 3817425.62 | 71.56906   | (17111224) | 395556.27 |
| 3817436.60 | 74.03905   | (17111224) |            |           |
| 395576.85  | 3817447.58 | 71.59585   | (17111224) | 395597.43 |
| 3817458.55 | 67.14332   | (20112908) |            |           |
| 395618.01  | 3817469.53 | 64.34429   | (20112908) | 395638.59 |
| 3817480.51 | 61.14363   | (20110208) |            |           |
| 395447.46  | 3817491.91 | 70.35080   | (16123008) | 395468.04 |
| 3817502.88 | 69.79170   | (16123008) |            |           |
| 395488.63  | 3817513.86 | 70.67539c  | (16051808) | 395509.21 |
| 3817524.84 | 70.02305c  | (16051808) |            |           |
| 395529.79  | 3817535.81 | 66.51502   | (16111008) | 395550.37 |
| 3817546.79 | 66.27040   | (20111608) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 923

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3



\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|----------------------------|---------------------|--------------------|------------|-------------|
| 395570.95                  | 3817557.76          | 72.10620           | (20111608) | 395591.53   |
| 3817568.74                 | 73.63497 (20111608) |                    |            |             |
| 395420.99                  | 3817591.12          | 77.31025           | (20011908) | 395441.57   |
| 3817602.09                 | 70.31167 (20011908) |                    |            |             |
| 395462.15                  | 3817613.07          | 73.53941           | (16111808) | 395482.73   |
| 3817624.05                 | 70.83756 (16111808) |                    |            |             |
| 395503.31                  | 3817635.02          | 62.48884           | (16111808) | 395523.89   |
| 3817646.00                 | 60.48683 (16123008) |                    |            |             |
| 395544.47                  | 3817656.98          | 61.36318           | (16123008) | 395373.93   |
| 3817679.35                 | 73.67444 (20050808) |                    |            |             |
| 395394.51                  | 3817690.33          | 64.17591           | (19120308) | 395415.09   |
| 3817701.31                 | 69.02911 (19120308) |                    |            |             |
| 395435.67                  | 3817712.28          | 68.98979           | (19120308) | 395456.25   |
| 3817723.26                 | 65.94456 (20011908) |                    |            |             |
| 395476.83                  | 3817734.24          | 69.22501           | (20011908) | 395497.41   |
| 3817745.21                 | 66.93529 (20011908) |                    |            |             |
| 395276.86                  | 3817910.92          | 49.92986           | (20020524) | 395297.44   |
| 3817921.90                 | 48.90308 (20020524) |                    |            |             |
| 395318.02                  | 3817932.87          | 46.76792           | (18022808) | 395338.61   |
| 3817943.85                 | 55.11655 (18022808) |                    |            |             |
| 395359.19                  | 3817954.82          | 59.74883           | (18022808) | 395379.77   |
| 3817965.80                 | 59.94746 (18022808) |                    |            |             |
| 395200.38                  | 3818153.46          | 34.07551           | (16091508) | 395220.96   |
| 3818164.44                 | 38.60513 (16091508) |                    |            |             |
| 395241.54                  | 3818175.41          | 41.04886           | (16091508) | 395262.12   |
| 3818186.39                 | 40.85417 (16091508) |                    |            |             |
| 394918.09                  | 3818286.24          | 32.29078           | (19102024) | 395000.41   |
| 3818330.14                 | 43.96911 (19091808) |                    |            |             |
| 395103.31                  | 3818385.03          | 41.97258           | (16010908) | 395123.89   |
| 3818396.00                 | 44.02745 (16010908) |                    |            |             |
| 395144.48                  | 3818406.98          | 43.36060           | (16010908) | 394800.44   |
| 3818506.83                 | 33.21884 (19010308) |                    |            |             |
| 394821.02                  | 3818517.80          | 30.48009           | (19010308) | 394841.60   |
| 3818528.78                 | 29.56939 (18022608) |                    |            |             |
| 395006.25                  | 3818616.59          | 33.91614           | (19091808) | 395026.83   |
| 3818627.57                 | 38.94114 (19091808) |                    |            |             |
| 394565.15                  | 3818948.00          | 22.91028           | (19120224) | 394585.73   |
| 3818958.98                 | 22.95340 (16092808) |                    |            |             |
| 394606.31                  | 3818969.96          | 28.05572           | (16092808) | 394626.89   |
| 3818980.93                 | 32.49773 (16092808) |                    |            |             |
| 394647.47                  | 3818991.91          | 35.55635           | (16092808) | 394668.05   |
| 3819002.89                 | 36.68373 (16092808) |                    |            |             |
| 394329.86                  | 3819389.18          | 18.91592           | (16082908) | 394350.44   |
| 3819400.16                 | 19.98498 (16082908) |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394371.02  | 3819411.13 | 20.13804   | (16082908) | 394391.60 |
| 3819422.11 | 21.22462   | (19092024) |            |           |
| 394412.18  | 3819433.09 | 22.62180   | (19092024) | 394432.76 |
| 3819444.06 | 22.91969   | (19092024) |            |           |
| 394453.34  | 3819455.04 | 22.09050   | (19092024) | 394473.92 |
| 3819466.02 | 20.26858   | (19092024) |            |           |
| 394494.50  | 3819476.99 | 18.14666   | (19120224) | 394094.56 |
| 3819830.36 | 14.27000   | (17021124) |            |           |
| 394115.14  | 3819841.34 | 14.69301   | (16102908) | 394135.72 |
| 3819852.31 | 16.25848   | (16102908) |            |           |
| 394156.31  | 3819863.29 | 17.27958   | (16102908) | 394176.89 |
| 3819874.27 | 17.64341   | (16102908) |            |           |
| 394197.47  | 3819885.24 | 17.31423   | (16102908) | 394218.05 |
| 3819896.22 | 16.33720   | (16102908) |            |           |
| 394238.63  | 3819907.19 | 15.70424   | (16082908) | 394259.21 |
| 3819918.17 | 16.38746   | (16082908) |            |           |
| 394279.79  | 3819929.15 | 16.50051   | (16082908) | 394300.37 |
| 3819940.12 | 16.96455   | (19092024) |            |           |
| 394320.95  | 3819951.10 | 18.20331   | (19092024) | 393859.27 |
| 3820271.54 | 14.06304   | (20032208) |            |           |
| 393879.85  | 3820282.51 | 12.51310   | (19112124) | 393900.43 |
| 3820293.49 | 12.21787   | (19112124) |            |           |
| 393921.01  | 3820304.47 | 11.69127   | (19112124) | 393941.59 |
| 3820315.44 | 11.78759   | (17021124) |            |           |
| 393962.18  | 3820326.42 | 12.03700   | (17021124) | 393982.76 |
| 3820337.40 | 11.92994   | (17021124) |            |           |
| 394003.34  | 3820348.37 | 12.40007   | (16102908) | 394023.92 |
| 3820359.35 | 13.57253   | (16102908) |            |           |
| 394044.50  | 3820370.32 | 14.39730   | (16102908) | 394065.08 |
| 3820381.30 | 14.80062   | (16102908) |            |           |
| 394085.66  | 3820392.28 | 14.75012   | (16102908) | 393231.83 |
| 3821448.01 | 11.91234   | (19122408) |            |           |
| 393252.41  | 3821458.99 | 12.45585   | (19122408) | 393272.99 |
| 3821469.96 | 12.81523   | (19122408) |            |           |
| 393293.57  | 3821480.94 | 13.00224   | (20032208) | 393314.15 |
| 3821491.92 | 13.39597   | (20032208) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 924

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|--------------------|------------|-------------|
| -----       |             |                     |                    |            |             |
| 3821513.87  | 393334.73   | 3821502.89          | 13.62289           | (20032208) | 393355.31   |
|             |             | 13.67591 (20032208) |                    |            |             |
| 3821535.82  | 393375.89   | 3821524.85          | 13.55375           | (20032208) | 393396.47   |
|             |             | 13.26138 (20032208) |                    |            |             |
| 3821557.77  | 393417.05   | 3821546.80          | 12.80971           | (20032208) | 393437.63   |
|             |             | 12.21588 (20032208) |                    |            |             |
| 3822624.48  | 393458.22   | 3821568.75          | 11.50164           | (20032208) | 392604.38   |
|             |             | 7.38840 (16022308)  |                    |            |             |
| 3822646.44  | 392624.96   | 3822635.46          | 7.71790            | (16022308) | 392645.54   |
|             |             | 7.97809 (16022308)  |                    |            |             |
| 3822668.39  | 392666.12   | 3822657.41          | 8.16361            | (16022308) | 392686.70   |
|             |             | 8.27125 (16022308)  |                    |            |             |
| 3822690.34  | 392707.28   | 3822679.37          | 8.29986            | (16022308) | 392727.87   |
|             |             | 8.25027 (16022308)  |                    |            |             |
| 3822712.29  | 392748.45   | 3822701.32          | 8.12511            | (16022308) | 392769.03   |
|             |             | 7.95589 (19122408)  |                    |            |             |
| 3822734.25  | 392789.61   | 3822723.27          | 8.44699            | (19122408) | 392810.19   |
|             |             | 8.86574 (19122408)  |                    |            |             |
| 3823800.96  | 392830.77   | 3822745.22          | 9.20213            | (19122408) | 391976.93   |
|             |             | 5.86216 (20032008)  |                    |            |             |
| 3823822.91  | 391997.52   | 3823811.93          | 5.83380            | (20032008) | 392018.10   |
|             |             | 5.78193 (20032008)  |                    |            |             |
| 3823844.86  | 392038.68   | 3823833.89          | 5.70402            | (20032008) | 392059.26   |
|             |             | 5.62092 (20122124)  |                    |            |             |
| 3823866.82  | 392079.84   | 3823855.84          | 5.52082            | (20122124) | 392100.42   |
|             |             | 5.37677m (20100708) |                    |            |             |
| 3823888.77  | 392121.00   | 3823877.79          | 5.56131            | (16022308) | 392141.58   |
|             |             | 5.81721 (16022308)  |                    |            |             |
| 3823910.72  | 392162.16   | 3823899.74          | 6.03826            | (16022308) | 392182.74   |
|             |             | 6.22102 (16022308)  |                    |            |             |
| 3824977.43  | 392203.32   | 3823921.70          | 6.36285            | (16022308) | 391349.49   |
|             |             | 4.63412 (20032008)  |                    |            |             |
| 3824999.38  | 391370.07   | 3824988.41          | 4.66499            | (20032008) | 391390.65   |
|             |             | 4.69368 (20032008)  |                    |            |             |
| 3825021.34  | 391411.23   | 3825010.36          | 4.71894            | (20032008) | 391431.81   |
|             |             | 4.73886 (20032008)  |                    |            |             |
| 3825043.29  | 391452.39   | 3825032.31          | 4.66908            | (20032008) | 391472.97   |
|             |             | 4.47163 (20032008)  |                    |            |             |
| 3825065.24  | 391493.55   | 3825054.27          | 4.31146            | (20032008) | 391514.14   |
|             |             | 4.25013 (20032008)  |                    |            |             |
| 3825087.19  | 391534.72   | 3825076.22          | 4.19809            | (20032008) | 391555.30   |
|             |             | 4.21208m (20100708) |                    |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 391575.88  | 3825098.17          | 4.24445m (20100708) | 390722.04 |
| 3826153.90 | 1.84609 (20081408)  |                     |           |
| 390742.62  | 3826164.88          | 1.84352 (20081408)  | 390763.20 |
| 3826175.86 | 1.82793 (20081408)  |                     |           |
| 390783.79  | 3826186.83          | 1.80446 (20081408)  | 390804.37 |
| 3826197.81 | 1.77391 (20081408)  |                     |           |
| 390824.95  | 3826208.79          | 1.75506 (20081408)  | 390845.53 |
| 3826219.76 | 1.75386 (20081408)  |                     |           |
| 390866.11  | 3826230.74          | 1.75690 (20032008)  | 390886.69 |
| 3826241.72 | 1.75404 (20032008)  |                     |           |
| 390907.27  | 3826252.69          | 1.73160 (20032008)  | 390927.85 |
| 3826263.67 | 1.69334 (20032008)  |                     |           |
| 390948.43  | 3826274.64          | 1.67772 (20032008)  | 390094.60 |
| 3827330.38 | 1.76608 (20032008)  |                     |           |
| 390115.18  | 3827341.35          | 1.78797 (20032008)  | 390135.76 |
| 3827352.33 | 1.79794 (20032008)  |                     |           |
| 390156.34  | 3827363.31          | 1.80869 (20081408)  | 390176.92 |
| 3827374.28 | 1.82182 (20081408)  |                     |           |
| 390197.50  | 3827385.26          | 1.83422 (20081408)  | 390218.08 |
| 3827396.24 | 1.85720 (20081408)  |                     |           |
| 390238.66  | 3827407.21          | 1.86524 (20081408)  | 390259.24 |
| 3827418.19 | 1.81723 (20081408)  |                     |           |
| 390279.83  | 3827429.17          | 1.76247 (20081408)  | 390300.41 |
| 3827440.14 | 1.75737 (20081408)  |                     |           |
| 390320.99  | 3827451.12          | 1.76813 (20081408)  | 395912.74 |
| 3817026.04 | 29.07853 (16010308) |                     |           |
| 395935.38  | 3817032.96          | 28.42606 (16010308) | 395958.02 |
| 3817039.88 | 26.66027 (16010308) |                     |           |
| 395905.43  | 3817049.95          | 33.51796 (17051808) | 395928.07 |
| 3817056.87 | 32.13709 (17051808) |                     |           |
| 395950.71  | 3817063.79          | 27.29397 (16021508) | 395898.13 |
| 3817073.85 | 39.33673 (17051808) |                     |           |
| 395920.77  | 3817080.77          | 40.63897 (17051808) | 395943.41 |
| 3817087.69 | 35.08289 (17051808) |                     |           |
| 395890.82  | 3817097.76          | 43.21938 (16021408) | 395913.46 |
| 3817104.68 | 42.18867 (19020808) |                     |           |
| 395936.10  | 3817111.60          | 40.05913 (19020808) | 395853.56 |
| 3817138.66 | 90.52724 (19011108) |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 925

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 395876.20   | 3817145.58  | 90.65356       | (19011108) | 395898.84          |  |
| 3817152.50  | 90.25865    | (19011108)     |            |                    |  |
| 395921.48   | 3817159.42  | 86.57309       | (19011108) | 395838.95          |  |
| 3817186.48  | 91.36408    | (19011108)     |            |                    |  |
| 395861.59   | 3817193.40  | 103.22590      | (19011108) | 395884.23          |  |
| 3817200.32  | 113.65901   | (19011108)     |            |                    |  |
| 395906.87   | 3817207.24  | 120.19994      | (19011108) | 395809.48          |  |
| 3817228.13  | 57.60636c   | (20112424)     |            |                    |  |
| 395846.97   | 3817241.21  | 68.84578       | (16122024) | 395869.61          |  |
| 3817248.13  | 72.67811    | (16122024)     |            |                    |  |
| 395892.25   | 3817255.05  | 73.31284       | (16122024) | 395791.89          |  |
| 3817274.71  | 71.15308    | (16022608)     |            |                    |  |
| 395832.36   | 3817289.03  | 60.89394       | (20102908) | 395855.00          |  |
| 3817295.95  | 57.73391    | (20102908)     |            |                    |  |
| 395877.64   | 3817302.87  | 53.72302c      | (20112424) | 395774.30          |  |
| 3817321.29  | 73.89799    | (16022608)     |            |                    |  |
| 395795.10   | 3817329.92  | 77.24877       | (16022608) | 395817.74          |  |
| 3817336.84  | 78.28721    | (16022608)     |            |                    |  |
| 395840.38   | 3817343.76  | 75.39253       | (16022608) | 395863.02          |  |
| 3817350.68  | 69.30844    | (16022608)     |            |                    |  |
| 395745.82   | 3817417.23  | 85.97553       | (19021208) | 395788.51          |  |
| 3817432.48  | 79.59155    | (16122008)     |            |                    |  |
| 395811.15   | 3817439.40  | 75.67339       | (16122008) | 395833.79          |  |
| 3817446.32  | 70.33428    | (16122008)     |            |                    |  |
| 395717.03   | 3817513.05  | 53.24113       | (18012408) | 395677.81          |  |
| 3817496.78  | 58.68043    | (16122908)     |            |                    |  |
| 395759.28   | 3817528.11  | 59.07139       | (18012408) | 395781.92          |  |
| 3817535.03  | 59.87541    | (19021208)     |            |                    |  |
| 395804.56   | 3817541.95  | 69.29714       | (19021208) | 395688.10          |  |
| 3817608.81  | 61.10531    | (17111224)     |            |                    |  |
| 395649.47   | 3817592.78  | 62.77339       | (17111224) | 395730.05          |  |
| 3817623.74  | 54.30902    | (20112908)     |            |                    |  |
| 395752.69   | 3817630.66  | 52.62892       | (20110208) | 395775.33          |  |
| 3817637.58  | 51.48183    | (20110208)     |            |                    |  |
| 395659.08   | 3817704.53  | 62.90109       | (20111608) | 395620.88          |  |
| 3817688.68  | 56.47464    | (16111008)     |            |                    |  |
| 395582.67   | 3817672.83  | 60.54138c      | (16051808) | 395700.82          |  |
| 3817719.37  | 62.25276    | (20111608)     |            |                    |  |
| 395723.46   | 3817726.29  | 55.73092       | (20111608) | 395746.10          |  |
| 3817733.21  | 56.31470    | (17111224)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395627.30  | 3817799.10 | 54.10631   | (16123008) | 395605.65 |
| 3817790.12 | 54.45943   | (16123008) |            |           |
| 395584.01  | 3817781.14 | 51.67273   | (16111808) | 395562.36 |
| 3817772.16 | 60.63951   | (16111808) |            |           |
| 395540.71  | 3817763.18 | 64.97173   | (16111808) | 395519.06 |
| 3817754.19 | 63.18535   | (16111808) |            |           |
| 395648.95  | 3817808.09 | 52.67312c  | (16051808) | 395671.59 |
| 3817815.01 | 52.73511c  | (16051808) |            |           |
| 395694.23  | 3817821.93 | 50.19830   | (16111008) | 395716.87 |
| 3817828.85 | 51.20379   | (20111608) |            |           |
| 395554.09  | 3818038.13 | 52.65098   | (19120308) | 395532.30 |
| 3818029.09 | 49.08079   | (19120308) |            |           |
| 395510.51  | 3818020.05 | 54.48752   | (20050808) | 395488.72 |
| 3818011.00 | 61.85321   | (20050808) |            |           |
| 395466.93  | 3818001.96 | 64.78880   | (20050808) | 395445.14 |
| 3817992.92 | 62.43971   | (20050808) |            |           |
| 395423.35  | 3817983.88 | 55.27108   | (20050808) | 395401.56 |
| 3817974.84 | 55.60159   | (18022808) |            |           |
| 395575.88  | 3818047.17 | 53.07437   | (19120308) | 395598.52 |
| 3818054.09 | 50.54144   | (20011908) |            |           |
| 395621.16  | 3818061.01 | 54.06150   | (20011908) | 395643.80 |
| 3818067.93 | 53.04252   | (20011908) |            |           |
| 395482.74  | 3818277.93 | 47.36350   | (18022808) | 395442.63 |
| 3818261.28 | 45.65021   | (18022808) |            |           |
| 395402.52  | 3818244.64 | 36.21206   | (20020524) | 395362.40 |
| 3818228.00 | 39.69905   | (20020524) |            |           |
| 395322.29  | 3818211.35 | 40.25464   | (19120408) | 395525.44 |
| 3818293.17 | 44.00523   | (18111108) |            |           |
| 395548.08  | 3818300.09 | 49.10967   | (20050808) | 395570.72 |
| 3818307.01 | 52.37083   | (20050808) |            |           |
| 395409.35  | 3818516.88 | 32.07098   | (19120408) | 395368.60 |
| 3818499.97 | 35.07493   | (19120408) |            |           |
| 395327.85  | 3818483.06 | 33.94834   | (19120408) | 395287.10 |
| 3818466.15 | 32.53891   | (16091508) |            |           |
| 395246.35  | 3818449.25 | 26.57983   | (20012008) | 395205.60 |
| 3818432.34 | 28.55051   | (16010908) |            |           |
| 395452.36  | 3818532.25 | 32.90654   | (20020524) | 395475.00 |
| 3818539.17 | 31.50914   | (20020524) |            |           |
| 395497.64  | 3818546.09 | 31.03661   | (18022808) | 395336.03 |
| 3818755.86 | 26.57227   | (16091508) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 926

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395294.81   | 3818738.75  | 22.70045   | (20012008) | 395253.58   |
| 3818721.65  | 23.72667    | (16010908) |            |             |
| 395212.35   | 3818704.54  | 32.99490   | (16010908) | 395171.12   |
| 3818687.44  | 37.49970    | (16010908) |            |             |
| 395129.90   | 3818670.33  | 34.83974   | (16010908) | 395088.67   |
| 3818653.23  | 38.74470    | (19091808) |            |             |
| 395379.29   | 3818771.33  | 28.63194   | (16091508) | 395401.93   |
| 3818778.25  | 29.34431    | (19120408) |            |             |
| 395424.57   | 3818785.17  | 29.93115   | (19120408) | 395189.55   |
| 3819233.88  | 26.11023    | (16010908) |            |             |
| 395168.60   | 3819225.19  | 24.92339   | (19091808) | 395147.65   |
| 3819216.50  | 28.44980    | (19091808) |            |             |
| 395126.70   | 3819207.81  | 30.96091   | (19091808) | 395105.76   |
| 3819199.12  | 32.08958    | (19091808) |            |             |
| 395084.81   | 3819190.43  | 31.65748   | (19091808) | 395063.86   |
| 3819181.73  | 29.71345    | (19091808) |            |             |
| 395042.91   | 3819173.04  | 26.54020   | (19091808) | 395021.96   |
| 3819164.35  | 22.60399    | (19091808) |            |             |
| 395001.02   | 3819155.66  | 18.46689   | (19091808) | 394980.07   |
| 3819146.97  | 17.71186    | (20022708) |            |             |
| 394959.12   | 3819138.28  | 19.76111   | (18020224) | 394938.17   |
| 3819129.59  | 20.91504    | (18020224) |            |             |
| 394917.22   | 3819120.89  | 22.65407   | (19102024) | 394896.28   |
| 3819112.20  | 24.25513    | (19102024) |            |             |
| 394875.33   | 3819103.51  | 24.54238   | (19102024) | 394854.38   |
| 3819094.82  | 23.44096    | (19102024) |            |             |
| 394833.43   | 3819086.13  | 21.79056   | (18022608) | 394812.49   |
| 3819077.44  | 21.64984    | (19010308) |            |             |
| 395210.49   | 3819242.57  | 27.73645   | (16010908) | 395233.13   |
| 3819249.49  | 28.50767    | (16010908) |            |             |
| 395255.77   | 3819256.41  | 28.11823   | (16010908) | 395278.41   |
| 3819263.33  | 26.61252    | (16010908) |            |             |
| 395043.17   | 3819711.95  | 16.92097   | (19091808) | 395022.00   |
| 3819703.17  | 14.06872    | (19091808) |            |             |
| 395000.83   | 3819694.39  | 14.20336   | (20022708) | 394979.66   |
| 3819685.60  | 15.57531    | (18020224) |            |             |
| 394958.49   | 3819676.82  | 16.61254   | (18020224) | 394937.32   |
| 3819668.03  | 17.04497    | (19102024) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394916.15  | 3819659.25 | 18.63581   | (19102024) | 394894.98 |
| 3819650.47 | 19.55491   | (19102024) |            |           |
| 394873.81  | 3819641.68 | 19.67676   | (19102024) | 394852.64 |
| 3819632.90 | 18.97369   | (19102024) |            |           |
| 394831.46  | 3819624.11 | 17.52499   | (19102024) | 394810.29 |
| 3819615.33 | 17.04232   | (18022608) |            |           |
| 394789.12  | 3819606.55 | 17.92891   | (19010308) | 394767.95 |
| 3819597.76 | 19.27896   | (19010308) |            |           |
| 394746.78  | 3819588.98 | 19.83245   | (19010308) | 394725.61 |
| 3819580.19 | 19.50694   | (19010308) |            |           |
| 394704.44  | 3819571.41 | 21.29873   | (16092808) | 394683.27 |
| 3819562.63 | 24.59199   | (16092808) |            |           |
| 394662.10  | 3819553.84 | 27.17272   | (16092808) | 394640.93 |
| 3819545.06 | 28.72690   | (16092808) |            |           |
| 394619.76  | 3819536.27 | 29.05770   | (16092808) | 395064.34 |
| 3819720.74 | 19.75700   | (19091808) |            |           |
| 395086.98  | 3819727.66 | 22.48762   | (19091808) | 395109.62 |
| 3819734.58 | 24.54496   | (19091808) |            |           |
| 395132.26  | 3819741.50 | 25.67076   | (19091808) | 394896.86 |
| 3820190.05 | 16.20173   | (19102024) |            |           |
| 394875.53  | 3820181.20 | 16.32994   | (19102024) | 394854.20 |
| 3820172.35 | 15.92774   | (19102024) |            |           |
| 394832.87  | 3820163.50 | 15.02936   | (19102024) | 394811.54 |
| 3820154.65 | 13.97706   | (18022608) |            |           |
| 394790.21  | 3820145.80 | 13.79095   | (18022608) | 394768.88 |
| 3820136.95 | 14.99932   | (19010308) |            |           |
| 394747.55  | 3820128.10 | 15.92528   | (19010308) | 394726.22 |
| 3820119.25 | 16.34274   | (19010308) |            |           |
| 394704.89  | 3820110.40 | 16.20400   | (19010308) | 394683.56 |
| 3820101.55 | 16.36160   | (16092808) |            |           |
| 394662.23  | 3820092.70 | 18.90733   | (16092808) | 394640.90 |
| 3820083.85 | 21.12465   | (16092808) |            |           |
| 394619.57  | 3820075.00 | 22.81551   | (16092808) | 394598.24 |
| 3820066.15 | 23.81826   | (16092808) |            |           |
| 394576.91  | 3820057.30 | 24.03435   | (16092808) | 394555.58 |
| 3820048.45 | 23.44587   | (16092808) |            |           |
| 394534.25  | 3820039.60 | 22.11943   | (16092808) | 394512.92 |
| 3820030.75 | 20.19520   | (16092808) |            |           |
| 394491.59  | 3820021.90 | 17.86339   | (16092808) | 394470.26 |
| 3820013.05 | 15.33354   | (16092808) |            |           |
| 394448.93  | 3820004.20 | 15.19129   | (19120224) | 394918.19 |
| 3820198.90 | 15.56219   | (19102024) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394940.83   | 3820205.82  | 14.41123   | (19102024) | 394963.47   |
| 3820212.74  | 13.99140    | (18020224) |            |             |
| 394986.11   | 3820219.66  | 13.36067   | (18020224) | 394750.59   |
| 3820668.16  | 12.72101    | (19010308) |            |             |
| 394729.14   | 3820659.26  | 13.41840   | (19010308) | 394707.69   |
| 3820650.36  | 13.77688    | (19010308) |            |             |
| 394686.24   | 3820641.46  | 13.76446   | (19010308) | 394664.79   |
| 3820632.56  | 13.37852    | (19010308) |            |             |
| 394643.34   | 3820623.67  | 14.78958   | (16092808) | 394621.89   |
| 3820614.77  | 16.63821    | (16092808) |            |             |
| 394600.44   | 3820605.87  | 18.22185   | (16092808) | 394578.99   |
| 3820596.97  | 19.42522    | (16092808) |            |             |
| 394557.55   | 3820588.07  | 20.15566   | (16092808) | 394536.10   |
| 3820579.17  | 20.35645    | (16092808) |            |             |
| 394514.65   | 3820570.27  | 20.01310   | (16092808) | 394493.20   |
| 3820561.37  | 19.15723    | (16092808) |            |             |
| 394471.75   | 3820552.47  | 17.86204   | (16092808) | 394450.30   |
| 3820543.57  | 16.23251    | (16092808) |            |             |
| 394428.85   | 3820534.67  | 14.39157   | (16092808) | 394407.40   |
| 3820525.77  | 12.62633    | (19120224) |            |             |
| 394385.95   | 3820516.87  | 12.91438   | (19120224) | 394364.50   |
| 3820507.97  | 12.80033    | (19120224) |            |             |
| 394343.05   | 3820499.07  | 13.58365   | (19092024) | 394321.60   |
| 3820490.17  | 14.77520    | (19092024) |            |             |
| 394300.15   | 3820481.27  | 15.58908   | (19092024) | 394278.70   |
| 3820472.37  | 15.95071    | (19092024) |            |             |
| 394257.26   | 3820463.47  | 15.82388   | (19092024) | 394128.56   |
| 3820410.08  | 13.33671    | (16102908) |            |             |
| 394107.11   | 3820401.18  | 14.25035   | (16102908) | 394772.04   |
| 3820677.06  | 11.74139    | (19010308) |            |             |
| 394794.68   | 3820683.98  | 11.71370   | (18022608) | 394817.32   |
| 3820690.90  | 12.37230    | (19102024) |            |             |
| 394839.96   | 3820697.82  | 13.24909   | (19102024) | 394360.81   |
| 3821943.25  | 13.18168    | (16092808) |            |             |
| 394339.32   | 3821934.33  | 12.47678   | (16092808) | 394317.83   |
| 3821925.41  | 11.62920    | (16092808) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 393820.44   | 3823155.85          | 8.07301    | (19092024) | 393798.93   |
| 3823146.92  | 7.81089 (19092024)  |            |            |             |
| 393777.41   | 3823138.00          | 7.46268    | (19092024) | 393755.90   |
| 3823129.07  | 7.09376 (16082908)  |            |            |             |
| 393734.38   | 3823120.14          | 7.19898    | (16082908) | 393712.87   |
| 3823111.22  | 7.22287 (16082908)  |            |            |             |
| 393691.35   | 3823102.29          | 7.16219    | (16082908) | 393669.84   |
| 3823093.36  | 7.01710 (16082908)  |            |            |             |
| 393648.33   | 3823084.44          | 6.79115    | (16082908) | 393626.81   |
| 3823075.51  | 6.81002 (16102908)  |            |            |             |
| 393605.30   | 3823066.58          | 7.15400    | (16102908) | 393583.78   |
| 3823057.66  | 7.42068 (16102908)  |            |            |             |
| 393562.27   | 3823048.73          | 7.59977    | (16102908) | 393540.75   |
| 3823039.80  | 7.68426 (16102908)  |            |            |             |
| 393519.24   | 3823030.88          | 7.67043    | (16102908) | 393497.72   |
| 3823021.95  | 7.55820 (16102908)  |            |            |             |
| 393476.21   | 3823013.02          | 7.35247    | (16102908) | 393454.69   |
| 3823004.10  | 7.05997 (16102908)  |            |            |             |
| 393433.18   | 3822995.17          | 6.69156    | (16102908) | 393411.66   |
| 3822986.24  | 6.26001 (16102908)  |            |            |             |
| 393390.15   | 3822977.32          | 6.09532    | (17021124) | 393368.64   |
| 3822968.39  | 6.19458 (17021124)  |            |            |             |
| 393347.12   | 3822959.46          | 6.21608    | (17021124) | 393325.61   |
| 3822950.54  | 6.16039 (17021124)  |            |            |             |
| 393304.09   | 3822941.61          | 6.03118    | (17021124) | 393282.58   |
| 3822932.68  | 5.86505 (19112124)  |            |            |             |
| 393261.06   | 3822923.76          | 6.05805    | (19112124) | 393088.95   |
| 3822852.34  | 8.80063 (20032208)  |            |            |             |
| 393067.43   | 3822843.42          | 9.21187    | (20032208) | 393045.92   |
| 3822834.49  | 9.55816 (20032208)  |            |            |             |
| 393024.40   | 3822825.56          | 9.83122    | (20032208) | 393002.89   |
| 3822816.64  | 10.02421 (20032208) |            |            |             |
| 392981.37   | 3822807.71          | 10.13286   | (20032208) | 392959.86   |
| 3822798.78  | 10.15464 (20032208) |            |            |             |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 392938.34  | 3822789.86         | 10.08916 | (20032208) | 392916.83 |
| 3822780.93 | 9.93810 (20032208) |          |            |           |
| 392895.31  | 3822772.00         | 9.70468  | (20032208) | 392873.80 |
| 3822763.08 | 9.61357 (19122408) |          |            |           |
| 392852.28  | 3822754.15         | 9.45560  | (19122408) | 393992.56 |
| 3823227.26 | 6.73647 (19092024) |          |            |           |
| 394015.20  | 3823234.18         | 6.73710  | (19120224) | 394037.84 |
| 3823241.10 | 6.82108 (19120224) |          |            |           |
| 394060.48  | 3823248.02         | 6.81021  | (19120224) | 393581.29 |
| 3824493.43 | 3.45242 (19092024) |          |            |           |
| 393559.76  | 3824484.50         | 3.41113  | (19092024) | 393538.23 |
| 3824475.56 | 3.34210 (19092024) |          |            |           |
| 393516.70  | 3824466.63         | 3.39253  | (16082908) | 393495.17 |
| 3824457.70 | 3.48976 (16082908) |          |            |           |
| 393473.64  | 3824448.76         | 3.58007  | (16082908) | 393452.11 |
| 3824439.83 | 3.68187 (16082908) |          |            |           |
| 393430.57  | 3824430.90         | 3.78717  | (16082908) | 393409.04 |
| 3824421.96 | 3.84594 (16082908) |          |            |           |
| 393387.51  | 3824413.03         | 4.09872  | (16102908) | 393365.98 |
| 3824404.10 | 4.27725 (16102908) |          |            |           |
| 393344.45  | 3824395.16         | 4.36604  | (16102908) | 393322.92 |
| 3824386.23 | 4.48808 (16102908) |          |            |           |
| 393301.39  | 3824377.30         | 4.68963  | (16102908) | 393279.86 |
| 3824368.36 | 4.90079 (16102908) |          |            |           |
| 393258.33  | 3824359.43         | 5.12293  | (16102908) | 393236.80 |
| 3824350.50 | 5.28052 (16102908) |          |            |           |
| 393215.27  | 3824341.56         | 5.39382  | (16102908) | 393193.74 |
| 3824332.63 | 5.46087 (16102908) |          |            |           |
| 393172.21  | 3824323.70         | 5.47628  | (16102908) | 393150.68 |
| 3824314.76 | 5.37682 (16102908) |          |            |           |
| 393129.14  | 3824305.83         | 5.09708  | (16102908) | 393107.61 |
| 3824296.90 | 4.78668 (16102908) |          |            |           |
| 393086.08  | 3824287.96         | 4.84908  | (17021124) | 393064.55 |
| 3824279.03 | 4.90941 (17021124) |          |            |           |
| 393043.02  | 3824270.10         | 4.92501  | (17021124) | 393021.49 |
| 3824261.16 | 4.89612 (17021124) |          |            |           |
| 392999.96  | 3824252.23         | 4.82429  | (17021124) | 392978.43 |
| 3824243.30 | 4.71236 (17021124) |          |            |           |
| 392956.90  | 3824234.36         | 4.66968  | (19112124) | 392935.37 |
| 3824225.43 | 4.79074 (19112124) |          |            |           |
| 392913.84  | 3824216.50         | 4.88157  | (19112124) | 392892.31 |
| 3824207.56 | 4.94320 (19112124) |          |            |           |
| 392870.78  | 3824198.63         | 4.97760  | (19112124) | 392849.25 |
| 3824189.70 | 4.98752 (19112124) |          |            |           |
| 392827.71  | 3824180.76         | 5.34553  | (20032208) | 392806.18 |
| 3824171.83 | 5.71866 (20032208) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 392784.65   | 3824162.90         | 6.08164    | (20032208) | 392763.12   |
| 3824153.96  | 6.42844 (20032208) |            |            |             |
| 392569.35   | 3824073.56         | 7.99878    | (20032208) | 392547.82   |
| 3824064.63  | 7.94645 (20032208) |            |            |             |
| 392526.28   | 3824055.70         | 7.84644    | (20032208) | 392504.75   |
| 3824046.76  | 7.70043 (20032208) |            |            |             |
| 392483.22   | 3824037.83         | 7.63897    | (19122408) | 392461.69   |
| 3824028.90  | 7.57069 (19122408) |            |            |             |
| 392440.16   | 3824019.96         | 7.44746    | (19122408) | 392418.63   |
| 3824011.03  | 7.27029 (19122408) |            |            |             |
| 392397.10   | 3824002.10         | 7.04146    | (19122408) | 392375.57   |
| 3823993.16  | 6.76449 (19122408) |            |            |             |
| 392354.04   | 3823984.23         | 6.44422    | (19122408) | 392332.51   |
| 3823975.30  | 6.31564 (16022308) |            |            |             |
| 392310.98   | 3823966.36         | 6.43086    | (16022308) | 392289.45   |
| 3823957.43  | 6.50490 (16022308) |            |            |             |
| 392267.92   | 3823948.50         | 6.53598    | (16022308) | 392246.39   |
| 3823939.56  | 6.52288 (16022308) |            |            |             |
| 392224.85   | 3823930.63         | 6.46506    | (16022308) | 393602.82   |
| 3824502.36  | 3.47061 (19092024) |            |            |             |
| 393625.46   | 3824509.28         | 3.44230    | (19092024) | 393648.10   |
| 3824516.20  | 3.35883 (19092024) |            |            |             |
| 393670.74   | 3824523.12         | 3.34953    | (19092024) | 393191.25   |
| 3825768.41  | 1.50093 (16082908) |            |            |             |
| 393169.42   | 3825759.35         | 1.44986    | (16082908) | 393147.59   |
| 3825750.29  | 1.35860 (16082908) |            |            |             |
| 393125.76   | 3825741.24         | 1.29452    | (16102908) | 393103.93   |
| 3825732.18  | 1.30267 (16102908) |            |            |             |
| 393082.11   | 3825723.12         | 1.33939    | (16102908) | 393060.28   |
| 3825714.06  | 1.38756 (16102908) |            |            |             |
| 393038.45   | 3825705.01         | 1.44136    | (16102908) | 393016.62   |
| 3825695.95  | 1.50835 (16102908) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392994.79  | 3825686.89         | 1.62476 | (16102908) | 392972.96 |
| 3825677.83 | 1.73497 (16102908) |         |            |           |
| 392951.13  | 3825668.78         | 1.75199 | (16102908) | 392929.30 |
| 3825659.72 | 1.72121 (16102908) |         |            |           |
| 392907.47  | 3825650.66         | 1.67305 | (16102908) | 392885.64 |
| 3825641.61 | 1.68622 (16102908) |         |            |           |
| 392863.81  | 3825632.55         | 1.79123 | (16102908) | 392841.98 |
| 3825623.49 | 1.79900 (16102908) |         |            |           |
| 392820.15  | 3825614.43         | 1.70082 | (16102908) | 392798.32 |
| 3825605.38 | 1.65954 (17021124) |         |            |           |
| 392776.49  | 3825596.32         | 1.68713 | (17021124) | 392754.66 |
| 3825587.26 | 1.71566 (17021124) |         |            |           |
| 392732.84  | 3825578.20         | 1.73221 | (17021124) | 392711.01 |
| 3825569.15 | 1.73321 (17021124) |         |            |           |
| 392689.18  | 3825560.09         | 1.74442 | (17021124) | 392667.35 |
| 3825551.03 | 1.73584 (17021124) |         |            |           |
| 392645.52  | 3825541.98         | 1.71207 | (17021124) | 392623.69 |
| 3825532.92 | 1.67922 (17021124) |         |            |           |
| 392601.86  | 3825523.86         | 1.65100 | (17021124) | 392580.03 |
| 3825514.80 | 1.70017 (20091624) |         |            |           |
| 392558.20  | 3825505.75         | 1.80922 | (20091624) | 392536.37 |
| 3825496.69 | 1.91658 (20091624) |         |            |           |
| 392514.54  | 3825487.63         | 1.99380 | (20091624) | 392492.71 |
| 3825478.58 | 2.10172 (20032208) |         |            |           |
| 392470.88  | 3825469.52         | 2.26449 | (20032208) | 392449.05 |
| 3825460.46 | 2.42800 (20032208) |         |            |           |
| 392427.22  | 3825451.40         | 2.56865 | (20032208) | 392405.39 |
| 3825442.35 | 2.68426 (20032208) |         |            |           |
| 392383.57  | 3825433.29         | 2.80331 | (20032208) | 392361.74 |
| 3825424.23 | 2.91620 (20032208) |         |            |           |
| 392339.91  | 3825415.17         | 3.02807 | (20032208) | 392318.08 |
| 3825406.12 | 3.16680 (20032208) |         |            |           |
| 392296.25  | 3825397.06         | 3.27843 | (20032208) | 392274.42 |
| 3825388.00 | 3.33420 (20032208) |         |            |           |
| 392252.59  | 3825378.95         | 3.38438 | (20032208) | 392056.12 |
| 3825297.43 | 3.45198 (20032208) |         |            |           |
| 392034.30  | 3825288.37         | 3.41502 | (20032208) | 392012.47 |
| 3825279.32 | 3.38610 (19122408) |         |            |           |
| 391990.64  | 3825270.26         | 3.33028 | (19122408) | 391968.81 |
| 3825261.20 | 3.33594 (18110408) |         |            |           |
| 391946.98  | 3825252.14         | 3.49698 | (18110408) | 391925.15 |
| 3825243.09 | 3.53128 (16022308) |         |            |           |
| 391903.32  | 3825234.03         | 3.60996 | (16022308) | 391881.49 |
| 3825224.97 | 3.68305 (16022308) |         |            |           |
| 391859.66  | 3825215.92         | 3.74123 | (16022308) | 391837.83 |
| 3825206.86 | 3.77890 (16022308) |         |            |           |
| 391816.00  | 3825197.80         | 3.80943 | (16022308) | 391794.17 |
| 3825188.74 | 3.83879 (16022308) |         |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 930

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391772.34   | 3825179.69  | 3.85084    | (16022308) | 391750.51   |
| 3825170.63  | 3.85082     | (16022308) |            |             |
| 391728.68   | 3825161.57  | 3.83325    | (16022308) | 391706.85   |
| 3825152.51  | 3.78098     | (16022308) |            |             |
| 391685.03   | 3825143.46  | 3.68201    | (16022308) | 391663.20   |
| 3825134.40  | 3.57981     | (16022308) |            |             |
| 391641.37   | 3825125.34  | 3.62865m   | (20100708) | 391619.54   |
| 3825116.29  | 3.87773m    | (20100708) |            |             |
| 391597.71   | 3825107.23  | 4.11597m   | (20100708) | 393213.08   |
| 3825777.46  | 1.56646     | (16082908) |            |             |
| 393235.72   | 3825784.38  | 1.58020    | (16082908) | 393258.36   |
| 3825791.30  | 1.54152     | (16082908) |            |             |
| 393281.00   | 3825798.22  | 1.43951    | (16082908) | 392801.54   |
| 3827043.52  | 3.67760     | (16102908) |            |             |
| 392779.74   | 3827034.47  | 3.56068    | (16102908) | 392757.94   |
| 3827025.43  | 3.26959     | (16102908) |            |             |
| 392736.14   | 3827016.38  | 2.91523    | (16102908) | 392714.34   |
| 3827007.34  | 2.69715     | (16102908) |            |             |
| 392692.53   | 3826998.29  | 2.60586    | (16102908) | 392670.73   |
| 3826989.25  | 2.47597     | (16102908) |            |             |
| 392648.93   | 3826980.20  | 2.17619    | (16102908) | 392627.13   |
| 3826971.15  | 1.84476     | (16102908) |            |             |
| 392605.33   | 3826962.11  | 1.59260    | (16102908) | 392583.53   |
| 3826953.06  | 1.39498     | (16102908) |            |             |
| 392561.73   | 3826944.02  | 1.23297    | (16102908) | 392539.93   |
| 3826934.97  | 1.09365     | (20010108) |            |             |
| 392518.12   | 3826925.93  | 1.05978    | (20010108) | 392496.32   |
| 3826916.88  | 1.02903     | (20010108) |            |             |
| 392474.52   | 3826907.84  | 0.99912    | (20010108) | 392452.72   |
| 3826898.79  | 0.97298     | (20010108) |            |             |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 392430.92  | 3826889.74          | 0.95834 | (20010108) | 392409.12 |
| 3826880.70 | 0.97779 (17021124)  |         |            |           |
| 392387.32  | 3826871.65          | 0.99603 | (17021124) | 392365.52 |
| 3826862.61 | 1.00664 (17021124)  |         |            |           |
| 392343.71  | 3826853.56          | 1.02983 | (17021124) | 392321.91 |
| 3826844.52 | 1.03867 (17021124)  |         |            |           |
| 392300.11  | 3826835.47          | 1.02179 | (17021124) | 392278.31 |
| 3826826.43 | 1.03308 (17021124)  |         |            |           |
| 392256.51  | 3826817.38          | 1.08732 | (20091624) | 392234.71 |
| 3826808.33 | 1.23988 (20091624)  |         |            |           |
| 392212.91  | 3826799.29          | 1.49044 | (20091624) | 392191.11 |
| 3826790.24 | 1.74108 (20091624)  |         |            |           |
| 392169.30  | 3826781.20          | 1.85129 | (20091624) | 392147.50 |
| 3826772.15 | 1.90123 (20032208)  |         |            |           |
| 392125.70  | 3826763.11          | 1.85624 | (20032208) | 392103.90 |
| 3826754.06 | 1.77042 (20032208)  |         |            |           |
| 392082.10  | 3826745.01          | 1.68727 | (20032208) | 392060.30 |
| 3826735.97 | 1.75012 (20032208)  |         |            |           |
| 392038.50  | 3826726.92          | 1.87054 | (20032208) | 392016.70 |
| 3826717.88 | 1.99717 (20032208)  |         |            |           |
| 391994.89  | 3826708.83          | 2.06572 | (20032208) | 391973.09 |
| 3826699.79 | 2.08114 (20032208)  |         |            |           |
| 391951.29  | 3826690.74          | 2.04079 | (20032208) | 391929.49 |
| 3826681.70 | 1.97251 (20032208)  |         |            |           |
| 391907.69  | 3826672.65          | 1.89644 | (20032208) | 391885.89 |
| 3826663.60 | 1.86160 (20032208)  |         |            |           |
| 391864.09  | 3826654.56          | 1.81097 | (20032208) | 391842.29 |
| 3826645.51 | 1.77576 (20032208)  |         |            |           |
| 391820.48  | 3826636.47          | 1.75976 | (20032208) | 391798.68 |
| 3826627.42 | 1.75304 (20032208)  |         |            |           |
| 391776.88  | 3826618.38          | 1.72742 | (20032208) | 391755.08 |
| 3826609.33 | 1.68520 (20032208)  |         |            |           |
| 391733.28  | 3826600.29          | 1.64624 | (20032208) | 391711.48 |
| 3826591.24 | 1.63816 (20032208)  |         |            |           |
| 391689.68  | 3826582.19          | 1.70403 | (20032208) | 391537.07 |
| 3826518.88 | 1.56295 (20091708)  |         |            |           |
| 391515.27  | 3826509.83          | 1.54379 | (20091708) | 391493.46 |
| 3826500.78 | 1.52408 (20091708)  |         |            |           |
| 391471.66  | 3826491.74          | 1.48952 | (20091708) | 391449.86 |
| 3826482.69 | 1.50268 (16022308)  |         |            |           |
| 391428.06  | 3826473.65          | 1.51766 | (16022308) | 391406.26 |
| 3826464.60 | 1.53053 (16022308)  |         |            |           |
| 391384.46  | 3826455.56          | 1.53815 | (16022308) | 391362.66 |
| 3826446.51 | 1.53801 (16022308)  |         |            |           |
| 391340.86  | 3826437.46          | 1.53170 | (16022308) | 391319.05 |
| 3826428.42 | 1.52018 (16022308)  |         |            |           |
| 391297.25  | 3826419.37          | 1.50282 | (16022308) | 391275.45 |
| 3826410.33 | 1.48064 (16022308)  |         |            |           |
| 391253.65  | 3826401.28          | 1.45371 | (16022308) | 391231.85 |
| 3826392.24 | 1.48926m (20100708) |         |            |           |





|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392150.47  | 3828210.19         | 0.60426 | (20010108) | 392128.69 |
| 3828201.15 | 0.59525 (20010108) |         |            |           |
| 392106.91  | 3828192.12         | 0.58947 | (20010108) | 392085.13 |
| 3828183.08 | 0.58478 (20010108) |         |            |           |
| 392063.35  | 3828174.04         | 0.57319 | (20010108) | 392041.57 |
| 3828165.01 | 0.55949 (20010108) |         |            |           |
| 392019.79  | 3828155.97         | 0.54781 | (20010108) | 391998.01 |
| 3828146.93 | 0.53951 (20010108) |         |            |           |
| 391976.23  | 3828137.90         | 0.52797 | (20010108) | 391954.45 |
| 3828128.86 | 0.51695 (20042808) |         |            |           |
| 391932.67  | 3828119.82         | 0.52301 | (20042808) | 391910.89 |
| 3828110.79 | 0.53244 (20042808) |         |            |           |
| 391889.11  | 3828101.75         | 0.53909 | (20042808) | 391867.33 |
| 3828092.71 | 0.53856 (20042808) |         |            |           |
| 391845.56  | 3828083.68         | 0.53829 | (20042808) | 391823.78 |
| 3828074.64 | 0.54391 (20042808) |         |            |           |
| 391802.00  | 3828065.60         | 0.56373 | (20032208) | 391780.22 |
| 3828056.57 | 0.58006 (20032208) |         |            |           |
| 391758.44  | 3828047.53         | 0.60224 | (20032208) | 391736.66 |
| 3828038.49 | 0.63236 (20032208) |         |            |           |
| 391714.88  | 3828029.46         | 0.67040 | (20032208) | 391693.10 |
| 3828020.42 | 0.70729 (20032208) |         |            |           |
| 391671.32  | 3828011.39         | 0.74567 | (20032208) | 391649.54 |
| 3828002.35 | 0.82729 (20032208) |         |            |           |
| 391627.76  | 3827993.31         | 0.94220 | (20032208) | 391605.98 |
| 3827984.28 | 1.09088 (20032208) |         |            |           |
| 391584.20  | 3827975.24         | 1.22117 | (20032208) | 391562.42 |
| 3827966.20 | 1.29364 (20032208) |         |            |           |
| 391540.64  | 3827957.17         | 1.29209 | (20032208) | 391518.86 |
| 3827948.13 | 1.32722 (20032208) |         |            |           |
| 391497.08  | 3827939.09         | 1.38260 | (20032208) | 391475.30 |
| 3827930.06 | 1.39384 (20032208) |         |            |           |
| 391453.52  | 3827921.02         | 1.37598 | (20032208) | 391431.74 |
| 3827911.98 | 1.38435 (20032208) |         |            |           |
| 391409.96  | 3827902.95         | 1.46734 | (20032208) | 391388.18 |
| 3827893.91 | 1.67499 (20032208) |         |            |           |
| 391366.41  | 3827884.87         | 1.83101 | (20032208) | 391344.63 |
| 3827875.84 | 1.83437 (20032208) |         |            |           |
| 391322.85  | 3827866.80         | 1.87652 | (20032208) | 391301.07 |
| 3827857.76 | 2.02315 (20032208) |         |            |           |
| 391279.29  | 3827848.73         | 2.13175 | (20032208) | 391257.51 |
| 3827839.69 | 2.02247 (20032208) |         |            |           |
| 391235.73  | 3827830.65         | 1.71680 | (20032208) | 391213.95 |
| 3827821.62 | 1.31917 (20091708) |         |            |           |
| 391192.17  | 3827812.58         | 1.17943 | (20091708) | 391170.39 |
| 3827803.54 | 1.15291 (20091708) |         |            |           |
| 391039.71  | 3827749.32         | 0.69005 | (20091708) | 391017.93 |
| 3827740.29 | 0.67022 (20091708) |         |            |           |
| 390996.15  | 3827731.25         | 0.66417 | (20091708) | 390974.37 |
| 3827722.22 | 0.65649 (20091708) |         |            |           |

390952.59 3827713.18 0.64199 (20091708) 390930.81  
 3827704.14 0.62606 (20091708)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 932

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390909.04   | 3827695.11  | 0.61109    | (20091708) | 390887.26   |
| 3827686.07  | 0.59563     | (20091708) |            |             |
| 390865.48   | 3827677.03  | 0.57864    | (20091708) | 390843.70   |
| 3827668.00  | 0.60043m    | (20100708) |            |             |
| 390821.92   | 3827658.96  | 0.66894m   | (20100708) | 390800.14   |
| 3827649.92  | 0.75160m    | (20100708) |            |             |
| 390778.36   | 3827640.89  | 0.83894m   | (20100708) | 390756.58   |
| 3827631.85  | 0.92374m    | (20100708) |            |             |
| 390734.80   | 3827622.81  | 1.01540m   | (20100708) | 390713.02   |
| 3827613.78  | 1.12093m    | (20100708) |            |             |
| 390691.24   | 3827604.74  | 1.23291m   | (20100708) | 390669.46   |
| 3827595.70  | 1.33008m    | (20100708) |            |             |
| 390647.68   | 3827586.67  | 1.43532m   | (20100708) | 390625.90   |
| 3827577.63  | 1.50785m    | (20100708) |            |             |
| 390604.12   | 3827568.59  | 1.49844m   | (20100708) | 390582.34   |
| 3827559.56  | 1.46094m    | (20100708) |            |             |
| 390560.56   | 3827550.52  | 1.36060m   | (20100708) | 390538.78   |
| 3827541.48  | 1.23924m    | (20100708) |            |             |
| 390517.00   | 3827532.45  | 1.24850m   | (20100708) | 390495.22   |
| 3827523.41  | 1.33645m    | (20100708) |            |             |
| 390473.44   | 3827514.37  | 1.40369m   | (20100708) | 390451.66   |
| 3827505.34  | 1.46965     | (20032008) |            |             |
| 390429.89   | 3827496.30  | 1.55528    | (20032008) | 390408.11   |
| 3827487.26  | 1.62642     | (20032008) |            |             |
| 390386.33   | 3827478.23  | 1.70469    | (20032008) | 390364.55   |
| 3827469.19  | 1.77345     | (20032008) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 390342.77  | 3827460.15           | 1.78239   | (20032008) | 392433.60 |
| 3828327.67 | 0.59266 (20010108)   |           |            |           |
| 392456.24  | 3828334.59           | 0.58353   | (20010108) | 392478.88 |
| 3828341.51 | 0.57294 (20010108)   |           |            |           |
| 392501.52  | 3828348.43           | 0.56056   | (20010108) | 395986.43 |
| 3817029.38 | 20.25199 (16010308)  |           |            |           |
| 395999.63  | 3817008.62           | 12.72646  | (16041108) | 395995.09 |
| 3817052.83 | 27.83885 (16010308)  |           |            |           |
| 396020.72  | 3817022.04           | 12.72016  | (16010308) | 396009.97 |
| 3817071.27 | 29.82166 (16010308)  |           |            |           |
| 395967.36  | 3817087.01           | 31.06134  | (17051808) | 396028.62 |
| 3817056.21 | 20.61574 (16010308)  |           |            |           |
| 396041.82  | 3817035.45           | 14.03550  | (16010308) | 396033.14 |
| 3817083.01 | 33.53661 (16010308)  |           |            |           |
| 395978.69  | 3817110.38           | 40.60814  | (17051808) | 396062.92 |
| 3817048.87 | 15.07742 (16010308)  |           |            |           |
| 396073.26  | 3817111.51           | 38.46740  | (16010308) | 396054.61 |
| 3817126.56 | 38.37989 (16021508)  |           |            |           |
| 396035.96  | 3817141.62           | 47.92824  | (17051808) | 395993.36 |
| 3817157.36 | 52.85664 (19020808)  |           |            |           |
| 395969.40  | 3817158.05           | 54.77486  | (19011108) | 395945.44 |
| 3817158.73 | 71.33933 (19011108)  |           |            |           |
| 396091.91  | 3817096.45           | 31.91970  | (16010308) | 396105.11 |
| 3817075.69 | 21.48159 (16010308)  |           |            |           |
| 396117.53  | 3817136.66           | 45.58851  | (16010308) | 396084.37 |
| 3817163.43 | 49.90375 (16021508)  |           |            |           |
| 396051.22  | 3817190.19           | 64.91569  | (19020808) | 396013.35 |
| 3817204.19 | 87.21671 (19011108)  |           |            |           |
| 395970.76  | 3817205.41           | 118.04672 | (19011108) | 396147.30 |
| 3817102.52 | 24.17056 (16010308)  |           |            |           |
| 396158.53  | 3817164.45           | 51.27833  | (16010308) | 396140.77 |
| 3817178.79 | 49.36765 (16010308)  |           |            |           |
| 396123.01  | 3817193.12           | 52.00763  | (16021508) | 396105.25 |
| 3817207.46 | 62.53185 (19020808)  |           |            |           |
| 396087.49  | 3817221.80           | 72.57174  | (19020808) | 396069.73 |
| 3817236.14 | 77.80505 (19011108)  |           |            |           |
| 396029.15  | 3817251.13           | 121.19665 | (19011108) | 396006.34 |
| 3817251.78 | 128.55311 (19011108) |           |            |           |
| 395983.52  | 3817252.44           | 127.62122 | (19011108) | 395960.70 |
| 3817253.09 | 118.62991 (19011108) |           |            |           |
| 395937.89  | 3817253.74           | 102.78782 | (19011108) | 395915.07 |
| 3817254.40 | 84.40724 (19011108)  |           |            |           |
| 396176.30  | 3817150.11           | 43.03283  | (16010308) | 396189.50 |
| 3817129.35 | 27.31316 (16010308)  |           |            |           |
| 396199.84  | 3817191.99           | 54.77274  | (16010308) | 396181.19 |
| 3817207.05 | 47.68977 (16010308)  |           |            |           |
| 396162.54  | 3817222.10           | 53.47998  | (19020808) | 396143.89 |
| 3817237.16 | 66.92410 (19020808)  |           |            |           |
| 396125.24  | 3817252.21           | 69.60221  | (19020808) | 396106.60 |
| 3817267.27 | 81.07170 (19011108)  |           |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395973.47   | 3817300.81  | 80.80687   | (19011108) | 395949.51   |
| 70.48921    | 3817301.18  | 67.44421   | (16122024) | 395901.60   |
| 3817302.18  | 57.54598    | 53.55052   | (16010308) | 396231.69   |
| 396218.49   | 3817176.18  | 55.85710   | (16010308) | 396208.47   |
| 39.27732    | 3817217.92  | 67.69573   | (19020808) | 396138.84   |
| 396243.28   | 50.52604    | 117.03693  | (19011108) | 396064.27   |
| 3817245.92  | 3817274.02  | 68.65992   | (19011108) | 395974.82   |
| 396173.65   | 90.35692    | 50.62866   | (20102908) | 396273.88   |
| 3817302.13  | 3817330.23  | 50.20655   | (16010308) | 396307.77   |
| 396104.03   | 3817330.23  | 48.49139   | (19020808) | 396270.47   |
| 3817344.92  | 98.22375    | 63.21391   | (19020808) | 396233.18   |
| 396019.55   | 3817346.20  | 89.86922   | (19011108) | 396195.88   |
| 3817347.48  | 62.69691    |            |            |             |
| 395930.10   | 3817348.76  |            |            |             |
| 3817183.01  | 56.80419    |            |            |             |
| 396326.42   | 3817272.48  |            |            |             |
| 3817287.53  | 46.03719    |            |            |             |
| 396289.12   | 3817302.59  |            |            |             |
| 3817317.64  | 59.87036    |            |            |             |
| 396251.82   | 3817332.70  |            |            |             |
| 3817347.75  | 65.68694    |            |            |             |
| 396214.53   | 3817362.81  |            |            |             |
| 3817377.86  | 105.89876   |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817407.97 | 396177.23 | 3817392.92 | 108.20693  | (19011108) | 396158.58 |
|            |           | 96.94143   | (19011108) |            |           |
| 3817438.77 | 396139.93 | 3817423.03 | 77.14003   | (19011108) | 396097.33 |
|            |           | 59.63496   | (16122024) |            |           |
| 3817440.14 | 396073.37 | 3817439.45 | 54.08064   | (16122024) | 396049.41 |
|            |           | 44.79477   | (16122024) |            |           |
| 3817441.51 | 396025.45 | 3817440.83 | 47.15703   | (20102908) | 396001.50 |
|            |           | 50.94989   | (20102908) |            |           |
| 3817442.89 | 395977.54 | 3817442.20 | 54.51618   | (16022608) | 395953.58 |
|            |           | 64.44929   | (16022608) |            |           |
| 3817444.26 | 395929.62 | 3817443.57 | 69.23652   | (16022608) | 395905.67 |
|            |           | 67.03905   | (16022608) |            |           |
| 3817445.63 | 395881.71 | 3817444.94 | 60.01911   | (18010208) | 395857.75 |
|            |           | 62.08421   | (20081108) |            |           |
| 3817236.66 | 396345.07 | 3817257.42 | 56.88343   | (20011808) | 396358.27 |
|            |           | 62.36094   | (16010308) |            |           |
| 3817340.52 | 396411.22 | 3817325.80 | 45.92785   | (16010308) | 396392.99 |
|            |           | 43.08527   | (20031208) |            |           |
| 3817369.96 | 396374.75 | 3817355.24 | 44.69426   | (19020808) | 396356.52 |
|            |           | 55.07546   | (19020808) |            |           |
| 3817399.40 | 396338.28 | 3817384.68 | 59.31751   | (19020808) | 396320.05 |
|            |           | 55.90827   | (19020808) |            |           |
| 3817428.84 | 396301.81 | 3817414.12 | 76.25187   | (19011108) | 396283.58 |
|            |           | 93.78774   | (19011108) |            |           |
| 3817458.28 | 396265.34 | 3817443.56 | 101.71993  | (19011108) | 396247.11 |
|            |           | 98.00198   | (19011108) |            |           |
| 3817487.72 | 396228.88 | 3817473.00 | 84.73524   | (19011108) | 396210.64 |
|            |           | 66.42687   | (19011108) |            |           |
| 3817517.16 | 396192.41 | 3817502.44 | 56.67287   | (16122024) | 396174.17 |
|            |           | 52.31778   | (16122024) |            |           |
| 3817533.23 | 396132.51 | 3817532.56 | 41.94107   | (20102908) | 396109.09 |
|            |           | 45.38759   | (20102908) |            |           |
| 3817534.57 | 396085.66 | 3817533.90 | 47.55705   | (20102908) | 396062.24 |
|            |           | 54.33278   | (16022608) |            |           |
| 3817535.91 | 396038.81 | 3817535.24 | 60.86187   | (16022608) | 396015.39 |
|            |           | 62.83236   | (16022608) |            |           |
| 3817537.25 | 395991.96 | 3817536.58 | 59.45914   | (16022608) | 395968.54 |
|            |           | 53.69403   | (18010208) |            |           |
| 3817538.59 | 395945.11 | 3817537.92 | 56.63975   | (20081108) | 395921.69 |
|            |           | 62.70158   | (16122008) |            |           |
| 3817539.94 | 395898.26 | 3817539.27 | 68.36985   | (16122008) | 395874.84 |
|            |           | 71.63727   | (16122008) |            |           |
| 3817541.28 | 395851.41 | 3817540.61 | 76.09010   | (19021208) | 395827.99 |
|            |           | 77.19289   | (19021208) |            |           |
| 3817290.32 | 396429.45 | 3817311.08 | 53.78490   | (20011808) | 396442.65 |
|            |           | 56.98491   | (16010308) |            |           |
| 3817395.43 | 396494.83 | 3817380.08 | 41.76790   | (16010308) | 396475.81 |
|            |           | 40.64168   | (20031208) |            |           |
| 3817426.13 | 396456.80 | 3817410.78 | 43.46133   | (19020808) | 396437.78 |
|            |           | 52.58079   | (19020808) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396418.77  | 3817441.49 | 55.68303   | (19020808) | 396399.75 |
| 3817456.84 | 52.85623   | (19011108) |            |           |
| 396380.74  | 3817472.19 | 73.00188   | (19011108) | 396361.72 |
| 3817487.54 | 88.75221   | (19011108) |            |           |
| 396342.71  | 3817502.89 | 95.35842   | (19011108) | 396323.70 |
| 3817518.24 | 91.24423   | (19011108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 934

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 396304.68   | 3817533.59  | 78.54749   | (19011108) | 396285.67   |
| 3817548.94  | 61.46102    | (19011108) |            |             |
| 396266.65   | 3817564.29  | 53.24746   | (16122024) | 396247.64   |
| 3817579.64  | 49.14748    | (16122024) |            |             |
| 396228.62   | 3817594.99  | 38.81664   | (16122024) | 396209.61   |
| 3817610.34  | 40.06387    | (20102908) |            |             |
| 396166.17   | 3817626.39  | 47.21602   | (16022608) | 396141.74   |
| 3817627.09  | 53.93560    | (16022608) |            |             |
| 396117.31   | 3817627.79  | 57.14962   | (16022608) | 396092.89   |
| 3817628.49  | 55.86155    | (16022608) |            |             |
| 396068.46   | 3817629.19  | 51.58808   | (18010208) | 396044.03   |
| 3817629.89  | 50.80879    | (20081108) |            |             |
| 396019.60   | 3817630.59  | 53.46661   | (16122008) | 395995.18   |
| 3817631.28  | 59.61643    | (16122008) |            |             |
| 395970.75   | 3817631.98  | 63.54128   | (16122008) | 395946.32   |
| 3817632.68  | 65.66244    | (16122008) |            |             |
| 395921.90   | 3817633.38  | 71.00367   | (19021208) | 395897.47   |
| 3817634.08  | 69.13051    | (19021208) |            |             |
| 395873.04   | 3817634.78  | 59.87946   | (19021208) | 395848.61   |
| 3817635.48  | 53.05379    | (18012408) |            |             |
| 395824.19   | 3817636.18  | 50.45420   | (18012408) | 395799.76   |
| 3817636.88  | 47.30811    | (16122908) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817343.97 | 396513.84 | 3817364.73 | 47.27453   | (16010308) | 396527.04 |
|            |           | 46.05841   | (16010308) |            |           |
|            | 396579.58 | 3817433.44 | 36.29094   | (16010308) | 396560.93 |
| 3817448.50 |           | 35.95394   | (20031208) |            |           |
|            | 396542.28 | 3817463.55 | 40.39170   | (19020808) | 396523.63 |
| 3817478.61 |           | 48.76984   | (19020808) |            |           |
|            | 396504.98 | 3817493.67 | 52.40586   | (19020808) | 396486.33 |
| 3817508.72 |           | 50.15593   | (19020808) |            |           |
|            | 396467.69 | 3817523.78 | 62.56874   | (19011108) | 396449.04 |
| 3817538.83 |           | 78.37759   | (19011108) |            |           |
|            | 396430.39 | 3817553.89 | 87.95590   | (19011108) | 396411.74 |
| 3817568.94 |           | 88.87238   | (19011108) |            |           |
|            | 396393.09 | 3817584.00 | 81.47214   | (19011108) | 396374.44 |
| 3817599.05 |           | 68.37506   | (19011108) |            |           |
|            | 396355.79 | 3817614.11 | 52.93668   | (19011108) | 396337.14 |
| 3817629.16 |           | 49.95978   | (16122024) |            |           |
|            | 396318.49 | 3817644.22 | 45.24924   | (16122024) | 396299.85 |
| 3817659.27 |           | 35.76427   | (16122024) |            |           |
|            | 396281.20 | 3817674.33 | 37.53822   | (20102908) | 396262.55 |
| 3817689.38 |           | 40.26997   | (20102908) |            |           |
|            | 396243.90 | 3817704.44 | 45.05391   | (16022608) | 396201.29 |
| 3817720.18 |           | 52.35535   | (16022608) |            |           |
|            | 396177.34 | 3817720.86 | 49.95790   | (16022608) | 396153.38 |
| 3817721.55 |           | 46.33423   | (18010208) |            |           |
|            | 396129.42 | 3817722.24 | 47.02914   | (20081108) | 396105.46 |
| 3817722.92 |           | 48.89885   | (16122008) |            |           |
|            | 396081.51 | 3817723.61 | 54.04559   | (16122008) | 396057.55 |
| 3817724.29 |           | 57.47286   | (16122008) |            |           |
|            | 396033.59 | 3817724.98 | 59.52073   | (16122008) | 396009.63 |
| 3817725.67 |           | 64.20191   | (19021208) |            |           |
|            | 395985.68 | 3817726.35 | 65.16617   | (19021208) | 395961.72 |
| 3817727.04 |           | 60.02155   | (19021208) |            |           |
|            | 395937.76 | 3817727.72 | 50.01887   | (19021208) | 395913.80 |
| 3817728.41 |           | 48.40175   | (18012408) |            |           |
|            | 395889.85 | 3817729.10 | 44.87299   | (18012408) | 395865.89 |
| 3817729.78 |           | 44.05575   | (20110208) |            |           |
|            | 395841.93 | 3817730.47 | 47.25433   | (20110208) | 395817.97 |
| 3817731.16 |           | 47.66554   | (20110208) |            |           |
|            | 395794.02 | 3817731.84 | 51.34841   | (20112908) | 395770.06 |
| 3817732.53 |           | 55.25194   | (17111224) |            |           |
|            | 396598.23 | 3817418.39 | 33.97137   | (16010308) | 396611.43 |
| 3817397.63 |           | 31.98643   | (16010308) |            |           |
|            | 396664.23 | 3817486.88 | 24.38924   | (16010308) | 396645.86 |
| 3817501.72 |           | 27.79443   | (16021508) |            |           |
|            | 396627.48 | 3817516.56 | 33.48833   | (17051808) | 396609.10 |
| 3817531.39 |           | 41.81362   | (19020808) |            |           |
|            | 396590.72 | 3817546.23 | 47.12859   | (19020808) | 396572.34 |
| 3817561.07 |           | 48.25323   | (19020808) |            |           |
|            | 396553.96 | 3817575.90 | 54.19014   | (19011108) | 396535.58 |
| 3817590.74 |           | 69.26665   | (19011108) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396517.21  | 3817605.58 | 80.20493   | (19011108) | 396498.83 |
| 3817620.41 | 84.42930   | (19011108) |            |           |
| 396480.45  | 3817635.25 | 81.25187   | (19011108) | 396462.07 |
| 3817650.09 | 72.00543   | (19011108) |            |           |
| 396443.69  | 3817664.92 | 59.20796   | (19011108) | 396425.31 |
| 3817679.76 | 46.59985   | (16122024) |            |           |
| 396406.94  | 3817694.60 | 46.71447   | (16122024) | 396388.56 |
| 3817709.44 | 41.47058   | (16122024) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 935

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 396370.18   | 3817724.27  | 32.62685   | (16122024) | 396351.80   |
| 3817739.11  | 35.47236    | (20102908) |            |             |
| 396333.42   | 3817753.95  | 37.90395   | (20102908) | 396315.04   |
| 3817768.78  | 41.65677    | (16022608) |            |             |
| 396296.66   | 3817783.62  | 47.65831   | (16022608) | 396278.29   |
| 3817798.46  | 48.72323    | (16022608) |            |             |
| 396236.30   | 3817813.97  | 41.33675   | (18010208) | 396212.69   |
| 3817814.65  | 43.78777    | (20081108) |            |             |
| 396189.08   | 3817815.32  | 45.39813   | (16122008) | 396165.47   |
| 3817816.00  | 49.60836    | (16122008) |            |             |
| 396141.86   | 3817816.67  | 52.49090   | (16122008) | 396118.25   |
| 3817817.35  | 54.31209    | (16122008) |            |             |
| 396094.64   | 3817818.03  | 58.32150   | (19021208) | 396071.03   |
| 3817818.70  | 60.45898    | (19021208) |            |             |
| 396047.41   | 3817819.38  | 57.70508   | (19021208) | 396023.80   |
| 3817820.06  | 50.57511    | (19021208) |            |             |
| 396000.19   | 3817820.73  | 44.53601   | (18012408) | 395976.58   |
| 3817821.41  | 43.67739    | (18012408) |            |             |
| 395952.97   | 3817822.08  | 39.88838   | (20030608) | 395929.36   |
| 3817822.76  | 41.46570    | (20110208) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817824.11 | 395905.75 | 3817823.44 | 43.67486   | (20110208) | 395882.14 |
|            |           | 43.71915   | (20110208) |            |           |
|            | 395858.53 | 3817824.79 | 47.38298   | (20112908) | 395834.92 |
| 3817825.47 |           | 50.76302   | (17111224) |            |           |
|            | 395811.31 | 3817826.14 | 52.50024   | (17111224) | 395787.70 |
| 3817826.82 |           | 51.12518   | (20111608) |            |           |
|            | 395764.09 | 3817827.49 | 57.52609   | (20111608) | 395740.48 |
| 3817828.17 |           | 57.74312   | (20111608) |            |           |
|            | 396682.61 | 3817472.05 | 26.15465   | (16010308) | 396695.81 |
| 3817451.29 |           | 27.74456   | (16010308) |            |           |
|            | 396874.72 | 3817621.41 | 24.14940   | (16010308) | 396855.85 |
| 3817636.64 |           | 25.38020   | (16021508) |            |           |
|            | 396836.99 | 3817651.87 | 26.32788   | (17051808) | 396818.13 |
| 3817667.10 |           | 30.11120   | (19020808) |            |           |
|            | 396799.26 | 3817682.33 | 32.25005   | (19020808) | 396780.40 |
| 3817697.55 |           | 33.33624   | (19020808) |            |           |
|            | 396761.54 | 3817712.78 | 38.76831   | (19011108) | 396742.67 |
| 3817728.01 |           | 49.60562   | (19011108) |            |           |
|            | 396723.81 | 3817743.24 | 56.31012   | (19011108) | 396704.95 |
| 3817758.47 |           | 61.98177   | (19011108) |            |           |
|            | 396686.08 | 3817773.69 | 65.13536   | (19011108) | 396667.22 |
| 3817788.92 |           | 63.06693   | (19011108) |            |           |
|            | 396648.36 | 3817804.15 | 56.89167   | (19011108) | 396629.49 |
| 3817819.38 |           | 47.71614   | (19011108) |            |           |
|            | 396610.63 | 3817834.61 | 38.94338   | (16122024) | 396591.77 |
| 3817849.84 |           | 39.66254   | (16122024) |            |           |
|            | 396572.91 | 3817865.06 | 36.62050   | (16122024) | 396554.04 |
| 3817880.29 |           | 29.70239   | (16122024) |            |           |
|            | 396535.18 | 3817895.52 | 30.09463   | (20102908) | 396516.32 |
| 3817910.75 |           | 32.41666   | (20102908) |            |           |
|            | 396497.45 | 3817925.98 | 33.56225   | (20102908) | 396478.59 |
| 3817941.20 |           | 39.24519   | (16022608) |            |           |
|            | 396459.73 | 3817956.43 | 42.44100   | (16022608) | 396440.86 |
| 3817971.66 |           | 41.62072   | (16022608) |            |           |
|            | 396422.00 | 3817986.89 | 38.41626   | (18010208) | 396403.14 |
| 3818002.12 |           | 36.94661   | (20081108) |            |           |
|            | 396384.27 | 3818017.34 | 37.55233   | (20081108) | 396365.41 |
| 3818032.57 |           | 41.16273   | (16122008) |            |           |
|            | 396322.31 | 3818048.49 | 44.61458   | (16122008) | 396298.08 |
| 3818049.19 |           | 48.11148   | (19021208) |            |           |
|            | 396273.85 | 3818049.88 | 50.37337   | (19021208) | 396249.62 |
| 3818050.58 |           | 49.39665   | (19021208) |            |           |
|            | 396225.38 | 3818051.27 | 45.27250   | (19021208) | 396201.15 |
| 3818051.96 |           | 38.72312   | (19021208) |            |           |
|            | 396176.92 | 3818052.66 | 36.97064   | (18012408) | 396152.68 |
| 3818053.35 |           | 35.68911   | (18012408) |            |           |
|            | 396128.45 | 3818054.05 | 33.22360   | (20030608) | 396104.22 |
| 3818054.74 |           | 34.09690   | (20110208) |            |           |
|            | 396079.99 | 3818055.43 | 35.86876   | (20110208) | 396055.75 |
| 3818056.13 |           | 36.21634   | (20110208) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396031.52  | 3818056.82 | 38.12552   | (20112908) | 396007.29 |
| 3818057.52 | 39.88690   | (20112908) |            |           |
| 395983.05  | 3818058.21 | 43.56676   | (17111224) | 395958.82 |
| 3818058.91 | 43.56966   | (17111224) |            |           |
| 395934.59  | 3818059.60 | 43.00575   | (20111608) | 395910.36 |
| 3818060.29 | 47.74099   | (20111608) |            |           |
| 395886.12  | 3818060.99 | 48.37482   | (20111608) | 395861.89 |
| 3818061.68 | 44.42853   | (20111608) |            |           |
| 395837.66  | 3818062.38 | 40.58984   | (16111008) | 395813.43 |
| 3818063.07 | 42.59473c  | (16051808) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 936

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 395789.19   | 3818063.76  | 42.35899c  | (16051808) | 395764.96   |
| 3818064.46  | 44.35328    | (16123008) |            |             |
| 395740.73   | 3818065.15  | 43.02107   | (16123008) | 395716.49   |
| 3818065.85  | 46.42786    | (16111808) |            |             |
| 395692.26   | 3818066.54  | 51.44064   | (16111808) | 395668.03   |
| 3818067.23  | 49.73953    | (16111808) |            |             |
| 396893.58   | 3817606.19  | 27.59256   | (16010308) | 396906.78   |
| 3817585.43  | 29.86131    | (16010308) |            |             |
| 397085.90   | 3817755.38  | 24.32692   | (16021508) | 397067.25   |
| 3817770.44  | 25.91963    | (16021508) |            |             |
| 397048.60   | 3817785.49  | 27.21252   | (19020808) | 397029.95   |
| 3817800.55  | 31.01256    | (19020808) |            |             |
| 397011.30   | 3817815.60  | 33.24602   | (19020808) | 396992.65   |
| 3817830.66  | 33.44034    | (19020808) |            |             |
| 396974.00   | 3817845.71  | 31.41446   | (19020808) | 396955.35   |
| 3817860.77  | 40.80297    | (19011108) |            |             |
| 396936.71   | 3817875.82  | 51.25612   | (19011108) | 396918.06   |
| 3817890.88  | 59.73006    | (19011108) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396899.41  | 3817905.93 | 64.13657   | (19011108) | 396880.76 |
| 3817920.99 | 64.22783   | (19011108) |            |           |
| 396862.11  | 3817936.04 | 60.46004   | (19011108) | 396843.46 |
| 3817951.10 | 53.86425   | (19011108) |            |           |
| 396824.81  | 3817966.15 | 45.63116   | (19011108) | 396806.16 |
| 3817981.21 | 36.87819   | (19011108) |            |           |
| 396787.51  | 3817996.26 | 36.69978   | (16122024) | 396768.87 |
| 3818011.32 | 35.12978   | (16122024) |            |           |
| 396750.22  | 3818026.37 | 30.88847   | (16122024) | 396731.57 |
| 3818041.43 | 24.95956   | (16122024) |            |           |
| 396712.92  | 3818056.48 | 26.56483   | (20102908) | 396694.27 |
| 3818071.54 | 28.41782   | (20102908) |            |           |
| 396675.62  | 3818086.59 | 29.48384   | (20102908) | 396656.97 |
| 3818101.65 | 33.20655   | (16022608) |            |           |
| 396638.32  | 3818116.70 | 36.68238   | (16022608) | 396619.68 |
| 3818131.76 | 37.45465   | (16022608) |            |           |
| 396601.03  | 3818146.81 | 35.34538   | (18010208) | 396582.38 |
| 3818161.87 | 32.68915   | (18010208) |            |           |
| 396563.73  | 3818176.92 | 33.03454   | (20081108) | 396545.08 |
| 3818191.98 | 33.07198   | (20081108) |            |           |
| 396526.43  | 3818207.03 | 35.95225   | (16122008) | 396507.78 |
| 3818222.09 | 37.70613   | (16122008) |            |           |
| 396489.13  | 3818237.14 | 38.63049   | (16122008) | 396470.49 |
| 3818252.20 | 42.10693   | (19021208) |            |           |
| 396451.84  | 3818267.25 | 43.35163   | (19021208) | 396409.23 |
| 3818282.99 | 37.27313   | (19021208) |            |           |
| 396385.27  | 3818283.68 | 32.10556   | (19021208) | 396361.32 |
| 3818284.37 | 31.31761   | (18012408) |            |           |
| 396337.36  | 3818285.05 | 30.53191   | (18012408) | 396313.40 |
| 3818285.74 | 29.13813   | (20030608) |            |           |
| 396289.44  | 3818286.42 | 28.19231   | (19111308) | 396265.49 |
| 3818287.11 | 29.65525   | (20110208) |            |           |
| 396241.53  | 3818287.80 | 30.53035   | (20110208) | 396217.57 |
| 3818288.48 | 30.52427   | (20110208) |            |           |
| 396193.61  | 3818289.17 | 32.51663   | (20112908) | 396169.66 |
| 3818289.85 | 33.96467   | (20112908) |            |           |
| 396145.70  | 3818290.54 | 36.72141   | (17111224) | 396121.74 |
| 3818291.23 | 37.70689   | (17111224) |            |           |
| 396097.78  | 3818291.91 | 35.90855   | (17111224) | 396073.83 |
| 3818292.60 | 38.30675   | (20111608) |            |           |
| 396049.87  | 3818293.29 | 41.11083   | (20111608) | 396025.91 |
| 3818293.97 | 41.06883   | (20111608) |            |           |
| 396001.95  | 3818294.66 | 38.01735   | (20111608) | 395978.00 |
| 3818295.34 | 33.89389   | (16111008) |            |           |
| 395954.04  | 3818296.03 | 35.33145c  | (16051808) | 395930.08 |
| 3818296.72 | 36.21112c  | (16051808) |            |           |
| 395906.12  | 3818297.40 | 36.96217   | (16123008) | 395882.17 |
| 3818298.09 | 37.90665   | (16123008) |            |           |
| 395858.21  | 3818298.78 | 36.23535   | (16123008) | 395834.25 |
| 3818299.46 | 39.75625   | (16111808) |            |           |



|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 396993.45  | 3818134.46           | 32.25757  | (19011108) | 396974.50 |
| 3818149.76 | 32.77468 (16122024)  |           |            |           |
| 396955.56  | 3818165.05           | 31.66367  | (16122024) | 396936.61 |
| 3818180.35 | 28.40325 (16122024)  |           |            |           |
| 396917.67  | 3818195.64           | 23.66229  | (16122024) | 396898.72 |
| 3818210.93 | 22.86042 (20102908)  |           |            |           |
| 396879.78  | 3818226.23           | 24.60103  | (20102908) | 396860.83 |
| 3818241.52 | 25.82882 (20102908)  |           |            |           |
| 396841.89  | 3818256.82           | 26.87339  | (16022608) | 396822.94 |
| 3818272.11 | 30.83295 (16022608)  |           |            |           |
| 396804.00  | 3818287.40           | 33.07854  | (16022608) | 396785.06 |
| 3818302.70 | 33.11305 (16022608)  |           |            |           |
| 396766.11  | 3818317.99           | 31.37493  | (18010208) | 396747.17 |
| 3818333.29 | 28.88530 (18010208)  |           |            |           |
| 396728.22  | 3818348.58           | 29.44867  | (20081108) | 396709.28 |
| 3818363.87 | 29.61231 (20081108)  |           |            |           |
| 396690.33  | 3818379.17           | 31.45053  | (16122008) | 396671.39 |
| 3818394.46 | 33.02590 (16122008)  |           |            |           |
| 396652.44  | 3818409.76           | 33.91413  | (16122008) | 396633.50 |
| 3818425.05 | 36.22212 (19021208)  |           |            |           |
| 396614.55  | 3818440.34           | 38.51371  | (19021208) | 396595.61 |
| 3818455.64 | 38.03565 (19021208)  |           |            |           |
| 396576.66  | 3818470.93           | 34.90108  | (19021208) | 396557.72 |
| 3818486.23 | 29.78212 (19021208)  |           |            |           |
| 396538.77  | 3818501.52           | 27.17934  | (18012408) | 396495.49 |
| 3818517.51 | 25.53335 (20030608)  |           |            |           |
| 396471.15  | 3818518.21           | 24.54887  | (19111308) | 396446.81 |
| 3818518.90 | 25.04885 (20110208)  |           |            |           |
| 396422.48  | 3818519.60           | 26.00686  | (20110208) | 396398.14 |
| 3818520.30 | 26.30899 (20110208)  |           |            |           |
| 396373.80  | 3818521.00           | 26.28208  | (20112908) | 396349.46 |
| 3818521.69 | 28.61916 (20112908)  |           |            |           |
| 396325.13  | 3818522.39           | 29.39812  | (20112908) | 396300.79 |
| 3818523.09 | 31.99126 (17111224)  |           |            |           |
| 396276.45  | 3818523.78           | 32.74463  | (17111224) | 396252.11 |
| 3818524.48 | 31.47276 (17111224)  |           |            |           |
| 396227.78  | 3818525.18           | 32.21585  | (20111608) | 396203.44 |
| 3818525.88 | 35.00339 (20111608)  |           |            |           |
| 396179.10  | 3818526.57           | 35.86935  | (20111608) | 396154.76 |
| 3818527.27 | 34.53974 (20111608)  |           |            |           |
| 396130.42  | 3818527.97           | 31.15644  | (20111608) | 396106.09 |
| 3818528.66 | 29.52369 (16111008)  |           |            |           |
| 396081.75  | 3818529.36           | 30.61233c | (16051808) | 396057.41 |
| 3818530.06 | 31.07130c (16051808) |           |            |           |
| 396033.07  | 3818530.76           | 32.05243  | (16123008) | 396008.74 |
| 3818531.45 | 32.88708 (16123008)  |           |            |           |
| 395984.40  | 3818532.15           | 31.83738  | (16123008) | 395960.06 |
| 3818532.85 | 32.87968 (16111808)  |           |            |           |
| 395935.72  | 3818533.54           | 37.15190  | (16111808) | 395911.38 |
| 3818534.24 | 38.49211 (16111808)  |           |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395887.05  | 3818534.94          | 36.49486 | (16111808) | 395862.71 |
| 3818535.63 | 39.26100 (20011908) |          |            |           |
| 395838.37  | 3818536.33          | 40.33237 | (20011908) | 395814.03 |
| 3818537.03 | 38.00333 (20011908) |          |            |           |
| 395789.70  | 3818537.73          | 38.35868 | (19120308) | 395765.36 |
| 3818538.42 | 38.21004 (19120308) |          |            |           |
| 395741.02  | 3818539.12          | 35.40956 | (19120308) | 395716.68 |
| 3818539.82 | 38.03226 (20050808) |          |            |           |
| 395692.34  | 3818540.51          | 43.64428 | (20050808) | 395668.01 |
| 3818541.21 | 45.90169 (20050808) |          |            |           |
| 395643.67  | 3818541.91          | 44.22845 | (20050808) | 395619.33 |
| 3818542.61 | 39.07409 (20050808) |          |            |           |
| 395594.99  | 3818543.30          | 36.79914 | (18111108) | 395570.66 |
| 3818544.00 | 39.86888 (18022808) |          |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 938

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 395546.32   | 3818544.70          | 40.06349   | (18022808) | 395521.98   |
| 3818545.39  | 36.90064 (18022808) |            |            |             |
| 397315.51   | 3817874.47          | 23.94444   | (16010308) | 397328.71   |
| 3817853.71  | 26.26602 (20011808) |            |            |             |
| 397507.70   | 3818023.76          | 20.60616   | (20031208) | 397488.92   |
| 3818038.92  | 21.14168 (20031208) |            |            |             |
| 397470.15   | 3818054.08          | 23.32625   | (19020808) | 397451.37   |
| 3818069.24  | 26.82946 (19020808) |            |            |             |
| 397432.60   | 3818084.39          | 29.32654   | (19020808) | 397413.82   |
| 3818099.55  | 30.33683 (19020808) |            |            |             |
| 397395.05   | 3818114.71          | 29.71462   | (19020808) | 397376.27   |
| 3818129.87  | 28.33416 (19011108) |            |            |             |
| 397357.49   | 3818145.02          | 35.36578   | (19011108) | 397338.72   |
| 3818160.18  | 41.92449 (19011108) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397319.94  | 3818175.34 | 47.23158   | (19011108) | 397301.17 |
| 3818190.50 | 50.62659   | (19011108) |            |           |
| 397282.39  | 3818205.65 | 51.72862   | (19011108) | 397263.62 |
| 3818220.81 | 50.50809   | (19011108) |            |           |
| 397244.84  | 3818235.97 | 47.26716   | (19011108) | 397226.06 |
| 3818251.12 | 42.53573   | (19011108) |            |           |
| 397207.29  | 3818266.28 | 36.91947   | (19011108) | 397188.51 |
| 3818281.44 | 30.97795   | (19011108) |            |           |
| 397169.74  | 3818296.60 | 29.28906   | (16122024) | 397150.96 |
| 3818311.75 | 29.31864   | (16122024) |            |           |
| 397132.19  | 3818326.91 | 27.58733   | (16122024) | 397113.41 |
| 3818342.07 | 24.38076   | (16122024) |            |           |
| 397094.64  | 3818357.23 | 20.24637   | (16122024) | 397075.86 |
| 3818372.38 | 20.64686   | (20102908) |            |           |
| 397057.08  | 3818387.54 | 22.05068   | (20102908) | 397038.31 |
| 3818402.70 | 23.08519   | (20102908) |            |           |
| 397019.53  | 3818417.86 | 23.62448   | (20102908) | 397000.76 |
| 3818433.01 | 26.84744   | (16022608) |            |           |
| 396981.98  | 3818448.17 | 29.19092   | (16022608) | 396963.21 |
| 3818463.33 | 29.95265   | (16022608) |            |           |
| 396944.43  | 3818478.49 | 28.97284   | (16022608) | 396925.65 |
| 3818493.64 | 27.58947   | (18010208) |            |           |
| 396906.88  | 3818508.80 | 25.16593   | (20081108) | 396888.10 |
| 3818523.96 | 26.69348   | (20081108) |            |           |
| 396869.33  | 3818539.12 | 26.51207   | (20081108) | 396850.55 |
| 3818554.27 | 28.12626   | (16122008) |            |           |
| 396831.78  | 3818569.43 | 29.38574   | (16122008) | 396813.00 |
| 3818584.59 | 30.13006   | (16122008) |            |           |
| 396794.23  | 3818599.75 | 31.67192   | (19021208) | 396775.45 |
| 3818614.90 | 34.17968   | (19021208) |            |           |
| 396756.67  | 3818630.06 | 34.66203   | (19021208) | 396737.90 |
| 3818645.22 | 33.03430   | (19021208) |            |           |
| 396719.12  | 3818660.38 | 29.60004   | (19021208) | 396700.35 |
| 3818675.53 | 24.96328   | (19021208) |            |           |
| 396681.57  | 3818690.69 | 24.31916   | (18012408) | 396662.80 |
| 3818705.85 | 23.53967   | (20030608) |            |           |
| 396644.02  | 3818721.01 | 22.39243   | (20030608) | 396625.24 |
| 3818736.16 | 21.64507   | (19111308) |            |           |
| 396582.35  | 3818752.01 | 22.81954   | (20110208) | 396558.23 |
| 3818752.70 | 22.88259   | (20110208) |            |           |
| 396534.11  | 3818753.39 | 23.39333   | (20112908) | 396509.99 |
| 3818754.08 | 25.13724   | (20112908) |            |           |
| 396485.87  | 3818754.77 | 25.76486   | (20112908) | 396461.75 |
| 3818755.47 | 27.83211   | (17111224) |            |           |
| 396437.63  | 3818756.16 | 28.77078   | (17111224) | 396413.51 |
| 3818756.85 | 28.26920   | (17111224) |            |           |
| 396389.38  | 3818757.54 | 26.48438   | (20111608) | 396365.26 |
| 3818758.23 | 29.35316   | (20111608) |            |           |
| 396341.14  | 3818758.92 | 31.08435   | (20111608) | 396317.02 |
| 3818759.61 | 31.35689   | (20111608) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396292.90  | 3818760.30 | 30.05549   | (20111608) | 396268.78 |
| 3818760.99 | 27.31230   | (20111608) |            |           |
| 396244.66  | 3818761.68 | 25.60965   | (16111008) | 396220.54 |
| 3818762.37 | 26.33297c  | (16051808) |            |           |
| 396196.42  | 3818763.06 | 27.09223c  | (16051808) | 396172.30 |
| 3818763.76 | 27.27287   | (16123008) |            |           |
| 396148.18  | 3818764.45 | 28.65528   | (16123008) | 396124.06 |
| 3818765.14 | 28.73300   | (16123008) |            |           |
| 396099.94  | 3818765.83 | 27.48443   | (16123008) | 396075.82 |
| 3818766.52 | 29.40626   | (16111808) |            |           |
| 396051.70  | 3818767.21 | 32.70770   | (16111808) | 396027.58 |
| 3818767.90 | 33.89930   | (16111808) |            |           |
| 396003.46  | 3818768.59 | 32.69100   | (16111808) | 395979.34 |
| 3818769.28 | 33.67152   | (20011908) |            |           |
| 395955.22  | 3818769.97 | 35.50608   | (20011908) | 395931.10 |
| 3818770.66 | 34.92729   | (20011908) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 939

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395906.98   | 3818771.35  | 32.47568   | (19120308) | 395882.86   |
| 3818772.05  | 33.86576    | (19120308) |            |             |
| 395858.73   | 3818772.74  | 33.28334   | (19120308) | 395834.61   |
| 3818773.43  | 30.84241    | (19120308) |            |             |
| 395810.49   | 3818774.12  | 32.94223   | (20050808) | 395786.37   |
| 3818774.81  | 37.70113    | (20050808) |            |             |
| 395762.25   | 3818775.50  | 40.19634   | (20050808) | 395738.13   |
| 3818776.19  | 39.90776    | (20050808) |            |             |
| 395714.01   | 3818776.88  | 36.90419   | (20050808) | 395689.89   |
| 3818777.57  | 33.39250    | (18111108) |            |             |
| 395665.77   | 3818778.26  | 32.99324   | (18022808) | 395641.65   |
| 3818778.95  | 35.11057    | (18022808) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395617.53  | 3818779.65 | 34.93327   | (18022808) | 395593.41 |
| 3818780.34 | 32.36582   | (18022808) |            |           |
| 395569.29  | 3818781.03 | 27.85054   | (18022808) | 395545.17 |
| 3818781.72 | 27.27848   | (20020524) |            |           |
| 395521.05  | 3818782.41 | 28.60161   | (20020524) | 395496.93 |
| 3818783.10 | 27.96018   | (20020524) |            |           |
| 395472.81  | 3818783.79 | 28.11815   | (19120408) | 395448.69 |
| 3818784.48 | 29.70716   | (19120408) |            |           |
| 397526.48  | 3818008.61 | 20.87824   | (16010308) | 397539.68 |
| 3817987.85 | 23.34979   | (16010308) |            |           |
| 397929.56  | 3818292.10 | 18.14472   | (20031208) | 397910.71 |
| 3818307.32 | 18.50145   | (20031208) |            |           |
| 397891.86  | 3818322.54 | 20.02161   | (19020808) | 397873.01 |
| 3818337.75 | 22.62222   | (19020808) |            |           |
| 397854.16  | 3818352.97 | 24.53657   | (19020808) | 397835.31 |
| 3818368.19 | 25.54414   | (19020808) |            |           |
| 397816.46  | 3818383.40 | 25.51617   | (19020808) | 397797.61 |
| 3818398.62 | 24.46757   | (19020808) |            |           |
| 397778.76  | 3818413.84 | 24.50556   | (19011108) | 397759.91 |
| 3818429.05 | 29.60629   | (19011108) |            |           |
| 397741.06  | 3818444.27 | 34.37891   | (19011108) | 397722.21 |
| 3818459.49 | 38.38367   | (19011108) |            |           |
| 397703.37  | 3818474.71 | 41.23682   | (19011108) | 397684.52 |
| 3818489.92 | 42.68112   | (19011108) |            |           |
| 397665.67  | 3818505.14 | 42.62612   | (19011108) | 397646.82 |
| 3818520.36 | 41.15639   | (19011108) |            |           |
| 397627.97  | 3818535.57 | 38.47251   | (19011108) | 397609.12 |
| 3818550.79 | 34.85759   | (19011108) |            |           |
| 397590.27  | 3818566.01 | 30.79979   | (19011108) | 397571.42 |
| 3818581.22 | 26.57642   | (19011108) |            |           |
| 397552.57  | 3818596.44 | 23.42049   | (16122024) | 397533.72 |
| 3818611.66 | 24.37667   | (16122024) |            |           |
| 397514.87  | 3818626.87 | 24.04970   | (16122024) | 397496.02 |
| 3818642.09 | 22.54523   | (16122024) |            |           |
| 397477.17  | 3818657.31 | 20.08690   | (16122024) | 397458.32 |
| 3818672.53 | 17.05444   | (16122024) |            |           |
| 397439.48  | 3818687.74 | 16.69232   | (20102908) | 397420.63 |
| 3818702.96 | 17.76823   | (20102908) |            |           |
| 397401.78  | 3818718.18 | 18.64803   | (20102908) | 397382.93 |
| 3818733.39 | 19.28437   | (20102908) |            |           |
| 397364.08  | 3818748.61 | 19.88046   | (16022608) | 397345.23 |
| 3818763.83 | 22.35258   | (16022608) |            |           |
| 397326.38  | 3818779.04 | 24.07127   | (16022608) | 397307.53 |
| 3818794.26 | 24.79606   | (16022608) |            |           |
| 397288.68  | 3818809.48 | 24.41193   | (16022608) | 397269.83 |
| 3818824.69 | 23.53318   | (18010208) |            |           |
| 397250.98  | 3818839.91 | 22.20069   | (18010208) | 397232.13 |
| 3818855.13 | 21.37124   | (20081108) |            |           |
| 397213.28  | 3818870.35 | 22.27893   | (20081108) | 397194.43 |
| 3818885.56 | 22.08344   | (20081108) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397175.58  | 3818900.78 | 22.91390   | (16122008) | 397156.74 |
| 3818916.00 | 23.87305   | (16122008) |            |           |
| 397137.89  | 3818931.21 | 24.47487   | (16122008) | 397119.04 |
| 3818946.43 | 24.85692   | (16122008) |            |           |
| 397100.19  | 3818961.65 | 27.00933   | (19021208) | 397081.34 |
| 3818976.86 | 28.54445   | (19021208) |            |           |
| 397062.49  | 3818992.08 | 28.76024   | (19021208) | 397043.64 |
| 3819007.30 | 27.62791   | (19021208) |            |           |
| 397024.79  | 3819022.51 | 25.31197   | (19021208) | 397005.94 |
| 3819037.73 | 22.12817   | (19021208) |            |           |
| 396987.09  | 3819052.95 | 20.05416   | (18012408) | 396968.24 |
| 3819068.17 | 19.96337   | (18012408) |            |           |
| 396949.39  | 3819083.38 | 19.48993   | (20030608) | 396930.54 |
| 3819098.60 | 18.50263   | (20030608) |            |           |
| 396911.69  | 3819113.82 | 18.05759   | (19111308) | 396892.85 |
| 3819129.03 | 18.24132   | (20110208) |            |           |
| 396874.00  | 3819144.25 | 18.61348   | (20110208) | 396855.15 |
| 3819159.47 | 18.57682   | (20110208) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 940

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396836.30   | 3819174.68  | 18.72398   | (20112908) | 396817.45   |
| 3819189.90  | 20.19440    | (20112908) |            |             |
| 396798.60   | 3819205.12  | 20.71482   | (20112908) | 396755.53   |
| 3819221.03  | 22.96188    | (17111224) |            |             |
| 396731.32   | 3819221.72  | 22.98857   | (17111224) | 396707.10   |
| 3819222.41  | 22.17248    | (17111224) |            |             |
| 396682.89   | 3819223.11  | 21.52631   | (20111608) | 396658.67   |
| 3819223.80  | 23.42323    | (20111608) |            |             |
| 396634.46   | 3819224.50  | 24.65339   | (20111608) | 396610.24   |
| 3819225.19  | 25.05299    | (20111608) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3819226.58 | 396586.03 | 3819225.88 | 24.54152   | (20111608) | 396561.81 |
|            |           | 23.14071   | (20111608) |            |           |
| 3819227.96 | 396537.60 | 3819227.27 | 20.97848   | (20111608) | 396513.38 |
|            |           | 20.25098   | (16111008) |            |           |
| 3819229.35 | 396489.17 | 3819228.66 | 20.59165c  | (16051808) | 396464.95 |
|            |           | 21.26157c  | (16051808) |            |           |
| 3819230.74 | 396440.74 | 3819230.04 | 21.25504c  | (16051808) | 396416.52 |
|            |           | 22.33111   | (16123008) |            |           |
| 3819232.12 | 396392.31 | 3819231.43 | 22.96666   | (16123008) | 396368.09 |
|            |           | 22.84238   | (16123008) |            |           |
| 3819233.51 | 396343.88 | 3819232.82 | 21.96401   | (16123008) | 396319.66 |
|            |           | 22.62607   | (16111808) |            |           |
| 3819234.90 | 396295.45 | 3819234.21 | 25.28287   | (16111808) | 396271.23 |
|            |           | 26.84683   | (16111808) |            |           |
| 3819236.29 | 396247.02 | 3819235.59 | 27.06549   | (16111808) | 396222.80 |
|            |           | 25.88214   | (16111808) |            |           |
| 3819237.67 | 396198.59 | 3819236.98 | 26.82490   | (20011908) | 396174.37 |
|            |           | 28.29553   | (20011908) |            |           |
| 3819239.06 | 396150.16 | 3819238.37 | 28.38440   | (20011908) | 396125.94 |
|            |           | 27.05329   | (20011908) |            |           |
| 3819240.45 | 396101.73 | 3819239.75 | 26.30135   | (19120308) | 396077.51 |
|            |           | 26.95644   | (19120308) |            |           |
| 3819241.83 | 396053.30 | 3819241.14 | 26.45216   | (19120308) | 396029.08 |
|            |           | 24.86167   | (19120308) |            |           |
| 3819243.22 | 396004.87 | 3819242.53 | 24.48533   | (20050808) | 395980.65 |
|            |           | 28.25114   | (20050808) |            |           |
| 3819244.61 | 395956.44 | 3819243.92 | 30.96678   | (20050808) | 395932.22 |
|            |           | 32.23344   | (20050808) |            |           |
| 3819246.00 | 395908.01 | 3819245.30 | 31.85490   | (20050808) | 395883.79 |
|            |           | 29.89329   | (20050808) |            |           |
| 3819247.38 | 395859.58 | 3819246.69 | 26.71635   | (18111108) | 395835.36 |
|            |           | 26.13796   | (18111108) |            |           |
| 3819248.77 | 395811.15 | 3819248.08 | 26.79841   | (18022808) | 395786.93 |
|            |           | 27.86664   | (18022808) |            |           |
| 3819250.16 | 395762.72 | 3819249.46 | 27.57158   | (18022808) | 395738.50 |
|            |           | 25.89537   | (18022808) |            |           |
| 3819251.54 | 395714.29 | 3819250.85 | 23.05080   | (18022808) | 395690.07 |
|            |           | 20.63376   | (20020524) |            |           |
| 3819252.93 | 395665.86 | 3819252.24 | 22.19905   | (20020524) | 395641.64 |
|            |           | 22.71849   | (20020524) |            |           |
| 3819254.32 | 395617.43 | 3819253.62 | 22.08160   | (20020524) | 395593.21 |
|            |           | 22.25034   | (19120408) |            |           |
| 3819255.71 | 395569.00 | 3819255.01 | 23.46026   | (19120408) | 395544.78 |
|            |           | 23.84946   | (19120408) |            |           |
| 3819257.09 | 395520.57 | 3819256.40 | 23.55467   | (19120408) | 395496.35 |
|            |           | 22.73426   | (19120408) |            |           |
| 3819258.48 | 395472.14 | 3819257.79 | 22.38272   | (16091508) | 395447.92 |
|            |           | 21.51039   | (16091508) |            |           |
| 3819259.87 | 395423.71 | 3819259.17 | 19.70169   | (16091508) | 395399.49 |
|            |           | 17.33147   | (16100908) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395375.27  | 3819260.56 | 17.73297   | (20012008) | 395351.06 |
| 3819261.25 | 17.32204   | (17122208) |            |           |
| 395326.84  | 3819261.95 | 20.29390   | (16010908) | 395302.63 |
| 3819262.64 | 23.88548   | (16010908) |            |           |
| 397948.41  | 3818276.89 | 17.56970   | (20031208) | 397961.61 |
| 3818256.13 | 18.26472   | (16010308) |            |           |
| 398351.44  | 3818560.42 | 15.42412   | (20031208) | 398332.54 |
| 3818575.68 | 15.66700   | (20031208) |            |           |
| 398313.65  | 3818590.93 | 17.03674   | (19020808) | 398294.75 |
| 3818606.19 | 19.03358   | (19020808) |            |           |
| 398275.85  | 3818621.44 | 20.58393   | (19020808) | 398256.95 |
| 3818636.70 | 21.54993   | (19020808) |            |           |
| 398238.06  | 3818651.96 | 21.83141   | (19020808) | 398219.16 |
| 3818667.21 | 21.40438   | (19020808) |            |           |
| 398200.26  | 3818682.47 | 20.31994   | (19020808) | 398181.36 |
| 3818697.72 | 21.39594   | (19011108) |            |           |
| 398162.47  | 3818712.98 | 25.24206   | (19011108) | 398143.57 |
| 3818728.23 | 28.85416   | (19011108) |            |           |
| 398124.67  | 3818743.49 | 31.96965   | (19011108) | 398105.77 |
| 3818758.75 | 34.35007   | (19011108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 941

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398086.88   | 3818774.00  | 35.81901   | (19011108) | 398067.98   |
| 3818789.26  | 36.28855    | (19011108) |            |             |
| 398049.08   | 3818804.51  | 35.76423   | (19011108) | 398030.18   |
| 3818819.77  | 34.34016    | (19011108) |            |             |
| 398011.29   | 3818835.03  | 32.17829   | (19011108) | 397992.39   |
| 3818850.28  | 29.47626    | (19011108) |            |             |
| 397973.49   | 3818865.54  | 26.43576   | (19011108) | 397954.59   |
| 3818880.79  | 23.22036    | (19011108) |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3818911.30 | 397935.70 | 3818896.05          | 19.88823 | (19011108) | 397916.80 |
|            |           | 19.64357 (16122024) |          |            |           |
|            | 397897.90 | 3818926.56          | 19.55532 | (16122024) | 397879.00 |
| 3818941.82 |           | 19.04008 (16122024) |          |            |           |
|            | 397860.11 | 3818957.07          | 17.92179 | (16122024) | 397841.21 |
| 3818972.33 |           | 16.57564 (16122024) |          |            |           |
|            | 397822.31 | 3818987.58          | 14.66503 | (16122024) | 397803.41 |
| 3819002.84 |           | 13.84457 (20102908) |          |            |           |
|            | 397784.52 | 3819018.09          | 14.68100 | (20102908) | 397765.62 |
| 3819033.35 |           | 15.40187 (20102908) |          |            |           |
|            | 397746.72 | 3819048.61          | 15.99209 | (20102908) | 397727.82 |
| 3819063.86 |           | 16.41010 (20102908) |          |            |           |
|            | 397708.93 | 3819079.12          | 17.14629 | (16022608) | 397690.03 |
| 3819094.37 |           | 18.97884 (16022608) |          |            |           |
|            | 397671.13 | 3819109.63          | 20.29984 | (16022608) | 397652.24 |
| 3819124.88 |           | 20.96093 (16022608) |          |            |           |
|            | 397633.34 | 3819140.14          | 20.88133 | (16022608) | 397614.44 |
| 3819155.40 |           | 20.19750 (18010208) |          |            |           |
|            | 397595.54 | 3819170.65          | 19.62965 | (18010208) | 397576.65 |
| 3819185.91 |           | 18.26966 (18010208) |          |            |           |
|            | 397557.75 | 3819201.16          | 18.39734 | (20081108) | 397538.85 |
| 3819216.42 |           | 18.97670 (20081108) |          |            |           |
|            | 397519.95 | 3819231.67          | 18.80739 | (20081108) | 397501.06 |
| 3819246.93 |           | 19.13578 (16122008) |          |            |           |
|            | 397482.16 | 3819262.19          | 19.89090 | (16122008) | 397463.26 |
| 3819277.44 |           | 20.38411 (16122008) |          |            |           |
|            | 397444.36 | 3819292.70          | 20.70847 | (16122008) | 397425.47 |
| 3819307.95 |           | 21.50519 (19021208) |          |            |           |
|            | 397406.57 | 3819323.21          | 23.29886 | (19021208) | 397387.67 |
| 3819338.47 |           | 24.30462 (19021208) |          |            |           |
|            | 397368.77 | 3819353.72          | 24.41068 | (19021208) | 397349.88 |
| 3819368.98 |           | 23.60668 (19021208) |          |            |           |
|            | 397330.98 | 3819384.23          | 21.98549 | (19021208) | 397312.08 |
| 3819399.49 |           | 19.72494 (19021208) |          |            |           |
|            | 397293.18 | 3819414.74          | 17.05842 | (19021208) | 397274.29 |
| 3819430.00 |           | 17.02958 (18012408) |          |            |           |
|            | 397255.39 | 3819445.26          | 16.73066 | (18012408) | 397236.49 |
| 3819460.51 |           | 16.49311 (20030608) |          |            |           |
|            | 397217.59 | 3819475.77          | 15.67223 | (20030608) | 397198.70 |
| 3819491.02 |           | 15.38922 (19111308) |          |            |           |
|            | 397179.80 | 3819506.28          | 15.26500 | (20110208) | 397160.90 |
| 3819521.53 |           | 15.61591 (20110208) |          |            |           |
|            | 397142.00 | 3819536.79          | 15.68137 | (20110208) | 397123.11 |
| 3819552.05 |           | 15.51146 (20110208) |          |            |           |
|            | 397104.21 | 3819567.30          | 16.32076 | (20112908) | 397085.31 |
| 3819582.56 |           | 17.28105 (20112908) |          |            |           |
|            | 397066.41 | 3819597.81          | 17.58402 | (20112908) | 397047.52 |
| 3819613.07 |           | 18.72691 (17111224) |          |            |           |
|            | 397028.62 | 3819628.32          | 19.41910 | (17111224) | 397009.72 |
| 3819643.58 |           | 19.34831 (17111224) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396990.82  | 3819658.84 | 18.52654   | (17111224) | 396971.93 |
| 3819674.09 | 17.77329   | (20111608) |            |           |
| 396928.75  | 3819690.04 | 20.21051   | (20111608) | 396904.48 |
| 3819690.74 | 20.63645   | (20111608) |            |           |
| 396880.20  | 3819691.43 | 20.49610   | (20111608) | 396855.92 |
| 3819692.13 | 19.78150   | (20111608) |            |           |
| 396831.65  | 3819692.82 | 18.53738   | (20111608) | 396807.37 |
| 3819693.52 | 16.85202   | (20111608) |            |           |
| 396783.09  | 3819694.22 | 16.57249   | (16111008) | 396758.81 |
| 3819694.91 | 16.79183   | (16111008) |            |           |
| 396734.54  | 3819695.61 | 17.26526c  | (16051808) | 396710.26 |
| 3819696.30 | 17.43845c  | (16051808) |            |           |
| 396685.98  | 3819697.00 | 17.90404   | (16123008) | 396661.71 |
| 3819697.69 | 18.67192   | (16123008) |            |           |
| 396637.43  | 3819698.39 | 18.98695   | (16123008) | 396613.15 |
| 3819699.08 | 18.82659   | (16123008) |            |           |
| 396588.88  | 3819699.78 | 18.19929   | (16123008) | 396564.60 |
| 3819700.47 | 18.03272   | (16111808) |            |           |
| 396540.32  | 3819701.17 | 20.17270   | (16111808) | 396516.05 |
| 3819701.86 | 21.70876   | (16111808) |            |           |
| 396491.77  | 3819702.56 | 22.46265   | (16111808) | 396467.49 |
| 3819703.25 | 22.33417   | (16111808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 942

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396443.22   | 3819703.95  | 21.32613   | (16111808) | 396418.94   |
| 3819704.64  | 22.07953    | (20011908) |            |             |
| 396394.66   | 3819705.34  | 23.29834   | (20011908) | 396370.38   |
| 3819706.04  | 23.66517    | (20011908) |            |             |
| 396346.11   | 3819706.73  | 23.12547   | (20011908) | 396321.83   |
| 3819707.43  | 21.72576    | (20011908) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3819708.82 | 396297.55 | 3819708.12 | 21.85115   | (19120308) | 396273.28 |
|            |           | 22.19725   | (19120308) |            |           |
| 3819710.21 | 396249.00 | 3819709.51 | 21.80797   | (19120308) | 396224.72 |
|            |           | 20.72665   | (19120308) |            |           |
| 3819711.60 | 396200.45 | 3819710.90 | 19.07598   | (19120308) | 396176.17 |
|            |           | 21.85891   | (20050808) |            |           |
| 3819712.99 | 396151.89 | 3819712.29 | 24.30913   | (20050808) | 396127.62 |
|            |           | 25.99279   | (20050808) |            |           |
| 3819714.38 | 396103.34 | 3819713.68 | 26.71669   | (20050808) | 396079.06 |
|            |           | 26.39376   | (20050808) |            |           |
| 3819715.77 | 396054.78 | 3819715.07 | 25.06496   | (20050808) | 396030.51 |
|            |           | 22.89149   | (20050808) |            |           |
| 3819717.16 | 396006.23 | 3819716.47 | 22.07157   | (18111108) | 395981.95 |
|            |           | 21.07805   | (18111108) |            |           |
| 3819718.55 | 395957.68 | 3819717.86 | 22.31868   | (18022808) | 395933.40 |
|            |           | 22.92777   | (18022808) |            |           |
| 3819719.94 | 395909.12 | 3819719.25 | 22.66831   | (18022808) | 395884.85 |
|            |           | 21.53842   | (18022808) |            |           |
| 3819721.33 | 395860.57 | 3819720.64 | 19.64425   | (18022808) | 395836.29 |
|            |           | 17.18729   | (18022808) |            |           |
| 3819722.72 | 395812.02 | 3819722.03 | 17.58683   | (20020524) | 395787.74 |
|            |           | 18.48292   | (20020524) |            |           |
| 3819724.11 | 395763.46 | 3819723.42 | 18.68456   | (20020524) | 395739.18 |
|            |           | 18.15397   | (20020524) |            |           |
| 3819725.50 | 395714.91 | 3819724.81 | 18.23848   | (19120408) | 395690.63 |
|            |           | 19.21114   | (19120408) |            |           |
| 3819726.90 | 395666.35 | 3819726.20 | 19.64903   | (19120408) | 395642.08 |
|            |           | 19.62179   | (19120408) |            |           |
| 3819728.29 | 395617.80 | 3819727.59 | 19.22773   | (19120408) | 395593.52 |
|            |           | 18.57102   | (17102308) |            |           |
| 3819729.68 | 395569.25 | 3819728.98 | 18.34604   | (16091508) | 395544.97 |
|            |           | 17.73699   | (16091508) |            |           |
| 3819731.07 | 395520.69 | 3819730.37 | 16.52251   | (16091508) | 395496.42 |
|            |           | 14.86985   | (16091508) |            |           |
| 3819732.46 | 395472.14 | 3819731.76 | 14.45820   | (20012008) | 395447.86 |
|            |           | 14.59730   | (20012008) |            |           |
| 3819733.85 | 395423.59 | 3819733.15 | 14.33346   | (17122208) | 395399.31 |
|            |           | 16.84120   | (16010908) |            |           |
| 3819735.24 | 395375.03 | 3819734.54 | 19.45928   | (16010908) | 395350.75 |
|            |           | 21.56092   | (16010908) |            |           |
| 3819736.63 | 395326.48 | 3819735.93 | 22.93998   | (16010908) | 395302.20 |
|            |           | 23.46783   | (16010908) |            |           |
| 3819738.02 | 395277.92 | 3819737.33 | 23.10377   | (16010908) | 395253.65 |
|            |           | 21.89705   | (16010908) |            |           |
| 3819739.41 | 395229.37 | 3819738.72 | 19.97520   | (16010908) | 395205.09 |
|            |           | 22.16538   | (19091808) |            |           |
| 3819740.80 | 395180.82 | 3819740.11 | 24.51543   | (19091808) | 395156.54 |
|            |           | 25.74722   | (19091808) |            |           |
| 3818524.41 | 398370.34 | 3818545.17 | 15.03289   | (20031208) | 398383.54 |
|            |           | 14.69083   | (16010308) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398773.34  | 3818828.73 | 13.32330   | (20031208) | 398754.41 |
| 3818844.01 | 13.49836   | (20031208) |            |           |
| 398735.47  | 3818859.29 | 14.73536   | (19020808) | 398716.54 |
| 3818874.58 | 16.31181   | (19020808) |            |           |
| 398697.61  | 3818889.86 | 17.58460   | (19020808) | 398678.68 |
| 3818905.14 | 18.46320   | (19020808) |            |           |
| 398659.75  | 3818920.43 | 18.87369   | (19020808) | 398640.82 |
| 3818935.71 | 18.78354   | (19020808) |            |           |
| 398621.89  | 3818950.99 | 18.20349   | (19020808) | 398602.96 |
| 3818966.28 | 17.18702   | (19020808) |            |           |
| 398584.02  | 3818981.56 | 18.87210   | (19011108) | 398565.09 |
| 3818996.84 | 21.86279   | (19011108) |            |           |
| 398546.16  | 3819012.13 | 24.68465   | (19011108) | 398527.23 |
| 3819027.41 | 27.16768   | (19011108) |            |           |
| 398508.30  | 3819042.69 | 29.15882   | (19011108) | 398489.37 |
| 3819057.98 | 30.53675   | (19011108) |            |           |
| 398470.44  | 3819073.26 | 31.22580   | (19011108) | 398451.50 |
| 3819088.54 | 31.20611   | (19011108) |            |           |
| 398432.57  | 3819103.83 | 30.51097   | (19011108) | 398413.64 |
| 3819119.11 | 29.22104   | (19011108) |            |           |
| 398394.71  | 3819134.39 | 27.44832   | (19011108) | 398375.78 |
| 3819149.67 | 25.32088   | (19011108) |            |           |
| 398356.85  | 3819164.96 | 22.96608   | (19011108) | 398337.92 |
| 3819180.24 | 20.50182   | (19011108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 943

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398318.99   | 3819195.52  | 18.02414   | (19011108) | 398300.05   |
| 3819210.81  | 17.72466    | (16122024) |            |             |
| 398281.12   | 3819226.09  | 17.84736   | (16122024) | 398262.19   |
| 3819241.37  | 16.96680    | (16122024) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3819271.94 | 398243.26 | 3819256.66 | 15.47129   | (16122024) | 398224.33 |
|            |           | 13.60514   | (16122024) |            |           |
| 3819302.51 | 398205.40 | 3819287.22 | 12.56354   | (16122024) | 398186.47 |
|            |           | 11.31375   | (16122024) |            |           |
| 3819333.07 | 398167.53 | 3819317.79 | 11.31740c  | (20112424) | 398148.60 |
|            |           | 12.01590   | (20102908) |            |           |
| 3819363.64 | 398129.67 | 3819348.36 | 12.38318   | (20102908) | 398110.74 |
|            |           | 12.67813   | (20102908) |            |           |
| 3819394.20 | 398091.81 | 3819378.92 | 12.96369   | (20102908) | 398072.88 |
|            |           | 13.11473   | (16022608) |            |           |
| 3819424.77 | 398053.95 | 3819409.49 | 14.79454   | (16022608) | 398035.02 |
|            |           | 16.38560   | (16022608) |            |           |
| 3819455.34 | 398016.08 | 3819440.05 | 17.44049   | (16022608) | 397997.15 |
|            |           | 18.03099   | (16022608) |            |           |
| 3819485.90 | 397978.22 | 3819470.62 | 18.10599   | (16022608) | 397959.29 |
|            |           | 17.65343   | (16022608) |            |           |
| 3819516.47 | 397940.36 | 3819501.19 | 17.33132   | (18010208) | 397921.43 |
|            |           | 16.59146   | (18010208) |            |           |
| 3819547.04 | 397902.50 | 3819531.75 | 15.33189   | (18010208) | 397883.56 |
|            |           | 16.04456   | (20081108) |            |           |
| 3819577.60 | 397864.63 | 3819562.32 | 16.43411   | (20081108) | 397845.70 |
|            |           | 16.29471   | (20081108) |            |           |
| 3819608.17 | 397826.77 | 3819592.89 | 16.30005   | (16122008) | 397807.84 |
|            |           | 16.90858   | (16122008) |            |           |
| 3819638.73 | 397788.91 | 3819623.45 | 17.31901   | (16122008) | 397769.98 |
|            |           | 17.59352   | (16122008) |            |           |
| 3819669.30 | 397751.04 | 3819654.02 | 17.79076   | (16122008) | 397732.11 |
|            |           | 19.08366   | (19021208) |            |           |
| 3819699.87 | 397713.18 | 3819684.58 | 20.35175   | (19021208) | 397694.25 |
|            |           | 21.04562   | (19021208) |            |           |
| 3819730.43 | 397675.32 | 3819715.15 | 21.10180   | (19021208) | 397656.39 |
|            |           | 20.51619   | (19021208) |            |           |
| 3819761.00 | 397637.46 | 3819745.72 | 19.34359   | (19021208) | 397618.53 |
|            |           | 17.69106   | (19021208) |            |           |
| 3819791.57 | 397599.59 | 3819776.28 | 15.69915   | (19021208) | 397580.66 |
|            |           | 14.59211   | (18012408) |            |           |
| 3819822.13 | 397561.73 | 3819806.85 | 14.64598   | (18012408) | 397542.80 |
|            |           | 14.45961   | (20030608) |            |           |
| 3819852.70 | 397523.87 | 3819837.42 | 14.21892   | (20030608) | 397504.94 |
|            |           | 13.53817   | (20030608) |            |           |
| 3819883.26 | 397486.01 | 3819867.98 | 13.34026   | (19111308) | 397467.07 |
|            |           | 13.02682   | (20110208) |            |           |
| 3819913.83 | 397448.14 | 3819898.55 | 13.34711   | (20110208) | 397429.21 |
|            |           | 13.45967   | (20110208) |            |           |
| 3819944.40 | 397410.28 | 3819929.11 | 13.39774   | (20110208) | 397391.35 |
|            |           | 13.27618   | (20112908) |            |           |
| 3819974.96 | 397372.42 | 3819959.68 | 14.34236   | (20112908) | 397353.49 |
|            |           | 15.00210   | (20112908) |            |           |
| 3820005.53 | 397334.56 | 3819990.25 | 15.19011   | (20112908) | 397315.62 |
|            |           | 16.12997   | (17111224) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396639.90  | 3820172.29 | 18.57865   | (20011908) | 396615.58 |
| 3820172.99 | 19.59850   | (20011908) |            |           |
| 396591.26  | 3820173.69 | 20.06421   | (20011908) | 396566.94 |
| 3820174.38 | 19.92654   | (20011908) |            |           |
| 396542.62  | 3820175.08 | 19.18923   | (20011908) | 396518.30 |
| 3820175.78 | 17.91026   | (20011908) |            |           |
| 396493.98  | 3820176.47 | 18.52923   | (19120308) | 396469.66 |
| 3820177.17 | 18.72668   | (19120308) |            |           |
| 396445.34  | 3820177.87 | 18.43030   | (19120308) | 396421.02 |
| 3820178.56 | 17.66696   | (19120308) |            |           |
| 396396.70  | 3820179.26 | 16.50484   | (19120308) | 396372.38 |
| 3820179.96 | 17.33458   | (20050808) |            |           |
| 396348.06  | 3820180.65 | 19.41337   | (20050808) | 396323.74 |
| 3820181.35 | 21.08117   | (20050808) |            |           |
| 396299.42  | 3820182.04 | 22.19113   | (20050808) | 396275.09 |
| 3820182.74 | 22.64072   | (20050808) |            |           |
| 396250.77  | 3820183.44 | 22.38683   | (20050808) | 396226.45 |
| 3820184.13 | 21.45524   | (20050808) |            |           |
| 396202.13  | 3820184.83 | 19.93512   | (20050808) | 396177.81 |
| 3820185.53 | 18.82595   | (18111108) |            |           |
| 396153.49  | 3820186.22 | 18.44400   | (18111108) | 396129.17 |
| 3820186.92 | 18.03481   | (18022808) |            |           |
| 396104.85  | 3820187.62 | 18.93747   | (18022808) | 396080.53 |
| 3820188.31 | 19.31468   | (18022808) |            |           |
| 396056.21  | 3820189.01 | 19.10898   | (18022808) | 396031.89 |
| 3820189.71 | 18.32025   | (18022808) |            |           |
| 396007.57  | 3820190.40 | 17.00720   | (18022808) | 395983.25 |
| 3820191.10 | 15.27936   | (18022808) |            |           |
| 395958.93  | 3820191.80 | 14.17576   | (20020524) | 395934.61 |
| 3820192.49 | 15.13076   | (20020524) |            |           |
| 395910.29  | 3820193.19 | 15.67076   | (20020524) | 395885.97 |
| 3820193.89 | 15.73181   | (20020524) |            |           |
| 395861.65  | 3820194.58 | 15.30696   | (20020524) | 395837.33 |
| 3820195.28 | 15.29234   | (19120408) |            |           |
| 395813.01  | 3820195.98 | 16.09124   | (19120408) | 395788.69 |
| 3820196.67 | 16.52385   | (19120408) |            |           |
| 395764.36  | 3820197.37 | 16.62539   | (19120408) | 395740.04 |
| 3820198.07 | 16.45516   | (19120408) |            |           |
| 395715.72  | 3820198.76 | 16.07569   | (19120408) | 395691.40 |
| 3820199.46 | 15.70143   | (17102308) |            |           |
| 395667.08  | 3820200.16 | 15.41859   | (16091508) | 395642.76 |
| 3820200.85 | 14.98570   | (16091508) |            |           |
| 395618.44  | 3820201.55 | 14.13865   | (16091508) | 395594.12 |
| 3820202.25 | 12.97208   | (16091508) |            |           |
| 395569.80  | 3820202.94 | 12.14765   | (16100908) | 395545.48 |
| 3820203.64 | 12.32300   | (20012008) |            |           |
| 395521.16  | 3820204.34 | 12.25976   | (20012008) | 395496.84 |
| 3820205.03 | 12.12382   | (17122208) |            |           |
| 395472.52  | 3820205.73 | 14.21897   | (16010908) | 395448.20 |
| 3820206.42 | 16.20942   | (16010908) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395423.88  | 3820207.12 | 17.87500   | (16010908) | 395399.56 |
| 3820207.82 | 19.08830   | (16010908) |            |           |
| 395375.24  | 3820208.51 | 19.75933   | (16010908) | 395350.92 |
| 3820209.21 | 19.84347   | (16010908) |            |           |
| 395326.60  | 3820209.91 | 19.34240   | (16010908) | 395302.28 |
| 3820210.60 | 18.30467   | (16010908) |            |           |
| 395277.96  | 3820211.30 | 16.81182   | (16010908) | 395253.64 |
| 3820212.00 | 18.52646   | (19091808) |            |           |
| 395229.31  | 3820212.69 | 20.43619   | (19091808) | 395204.99 |
| 3820213.39 | 21.63753   | (19091808) |            |           |
| 395180.67  | 3820214.09 | 21.98876   | (19091808) | 395156.35 |
| 3820214.78 | 21.45054   | (19091808) |            |           |
| 395132.03  | 3820215.48 | 20.09291   | (19091808) | 395107.71 |
| 3820216.18 | 18.08397   | (19091808) |            |           |
| 395083.39  | 3820216.87 | 15.66131   | (19091808) | 395059.07 |
| 3820217.57 | 13.09310   | (19091808) |            |           |
| 395034.75  | 3820218.27 | 11.70680   | (20022708) | 395010.43 |
| 3820218.96 | 12.20219   | (18020224) |            |           |
| 398792.27  | 3818813.45 | 13.04271   | (20031208) | 398805.47 |
| 3818792.69 | 12.68294   | (20031208) |            |           |
| 399195.24  | 3819097.03 | 11.66303   | (20031208) | 399176.29 |
| 3819112.33 | 11.79510   | (20031208) |            |           |
| 399157.33  | 3819127.64 | 12.91633   | (19020808) | 399138.37 |
| 3819142.94 | 14.18927   | (19020808) |            |           |
| 399119.42  | 3819158.24 | 15.24795   | (19020808) | 399100.46 |
| 3819173.55 | 16.03127   | (19020808) |            |           |
| 399081.50  | 3819188.85 | 16.48360   | (19020808) | 399062.55 |
| 3819204.15 | 16.57499   | (19020808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 945

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399043.59  | 3819219.46 | 16.30014   | (19020808) | 399024.63 |
| 3819234.76 | 15.68063   | (19020808) |            |           |
| 399005.68  | 3819250.06 | 14.76341   | (19020808) | 398986.72 |
| 3819265.37 | 16.79502   | (19011108) |            |           |
| 398967.77  | 3819280.67 | 19.17885   | (19011108) | 398948.81 |
| 3819295.97 | 21.43718   | (19011108) |            |           |
| 398929.85  | 3819311.28 | 23.45790   | (19011108) | 398910.90 |
| 3819326.58 | 25.13503   | (19011108) |            |           |
| 398891.94  | 3819341.88 | 26.38414   | (19011108) | 398872.98 |
| 3819357.19 | 27.14552   | (19011108) |            |           |
| 398854.03  | 3819372.49 | 27.39164   | (19011108) | 398835.07 |
| 3819387.79 | 27.12966   | (19011108) |            |           |
| 398816.11  | 3819403.10 | 26.39677   | (19011108) | 398797.16 |
| 3819418.40 | 25.25653   | (19011108) |            |           |
| 398778.20  | 3819433.70 | 23.78724   | (19011108) | 398759.24 |
| 3819449.01 | 22.07455   | (19011108) |            |           |
| 398740.29  | 3819464.31 | 20.20486   | (19011108) | 398721.33 |
| 3819479.62 | 18.25264   | (19011108) |            |           |
| 398702.37  | 3819494.92 | 16.28435   | (19011108) | 398683.42 |
| 3819510.22 | 15.26918   | (16122024) |            |           |
| 398664.46  | 3819525.53 | 15.79552   | (16122024) | 398645.50 |
| 3819540.83 | 15.93194   | (16122024) |            |           |
| 398626.55  | 3819556.13 | 15.37302   | (16122024) | 398607.59 |
| 3819571.44 | 14.35738   | (16122024) |            |           |
| 398588.63  | 3819586.74 | 13.03600   | (16122024) | 398569.68 |
| 3819602.04 | 11.43219   | (16122024) |            |           |
| 398550.72  | 3819617.35 | 9.74040    | (16122024) | 398531.77 |
| 3819632.65 | 9.10319c   | (20112424) |            |           |
| 398512.81  | 3819647.95 | 8.93456c   | (20112424) | 398493.85 |
| 3819663.26 | 8.80250    | (20102908) |            |           |
| 398474.90  | 3819678.56 | 8.70821    | (20102908) | 398455.94 |
| 3819693.86 | 8.52859    | (20102908) |            |           |
| 398436.98  | 3819709.17 | 8.15292    | (20102908) | 398418.03 |
| 3819724.47 | 8.56492    | (16022608) |            |           |
| 398399.07  | 3819739.77 | 9.03371    | (16022608) | 398380.11 |
| 3819755.08 | 10.02932   | (16022608) |            |           |
| 398361.16  | 3819770.38 | 11.01498   | (16022608) | 398342.20 |
| 3819785.68 | 11.34849   | (16022608) |            |           |
| 398323.24  | 3819800.99 | 11.23737   | (16022608) | 398304.29 |
| 3819816.29 | 11.05733   | (16022608) |            |           |
| 398285.33  | 3819831.60 | 10.66425   | (16022608) | 398266.37 |
| 3819846.90 | 10.48996   | (18010208) |            |           |
| 398247.42  | 3819862.20 | 10.33426   | (18010208) | 398228.46 |
| 3819877.51 | 10.24009   | (20081108) |            |           |
| 398209.50  | 3819892.81 | 11.22540   | (20081108) | 398190.55 |
| 3819908.11 | 11.79233   | (20081108) |            |           |
| 398171.59  | 3819923.42 | 12.35594   | (16122008) | 398152.63 |
| 3819938.72 | 13.24520   | (16122008) |            |           |
| 398133.68  | 3819954.02 | 13.97391   | (16122008) | 398114.72 |
| 3819969.33 | 14.54609   | (16122008) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398095.77  | 3819984.63 | 14.98417   | (16122008) | 398076.81 |
| 3819999.93 | 15.21946   | (16122008) |            |           |
| 398057.85  | 3820015.24 | 15.43063   | (16122008) | 398038.90 |
| 3820030.54 | 16.82654   | (19021208) |            |           |
| 398019.94  | 3820045.84 | 17.90931   | (19021208) | 398000.98 |
| 3820061.15 | 18.47220   | (19021208) |            |           |
| 397982.03  | 3820076.45 | 18.50370   | (19021208) | 397963.07 |
| 3820091.75 | 18.06650   | (19021208) |            |           |
| 397944.11  | 3820107.06 | 17.19458   | (19021208) | 397925.16 |
| 3820122.36 | 15.95521   | (19021208) |            |           |
| 397906.20  | 3820137.66 | 14.43727   | (19021208) | 397887.24 |
| 3820152.97 | 12.74319   | (19021208) |            |           |
| 397868.29  | 3820168.27 | 12.82340   | (18012408) | 397849.33 |
| 3820183.57 | 12.74732   | (18012408) |            |           |
| 397830.37  | 3820198.88 | 12.68795   | (20030608) | 397811.42 |
| 3820214.18 | 12.43819   | (20030608) |            |           |
| 397792.46  | 3820229.49 | 11.86925   | (20030608) | 397773.50 |
| 3820244.79 | 11.72014   | (19111308) |            |           |
| 397754.55  | 3820260.09 | 11.48545   | (19111308) | 397735.59 |
| 3820275.40 | 11.57779   | (20110208) |            |           |
| 397716.63  | 3820290.70 | 11.70971   | (20110208) | 397697.68 |
| 3820306.00 | 11.70793   | (20110208) |            |           |
| 397678.72  | 3820321.31 | 11.59623   | (20110208) | 397659.77 |
| 3820336.61 | 11.94053   | (20112908) |            |           |
| 397640.81  | 3820351.91 | 12.71821   | (20112908) | 397621.85 |
| 3820367.22 | 13.18758   | (20112908) |            |           |
| 397602.90  | 3820382.52 | 13.30980   | (20112908) | 397583.94 |
| 3820397.82 | 14.08694   | (17111224) |            |           |
| 397564.98  | 3820413.13 | 14.63304   | (17111224) | 397546.03 |
| 3820428.43 | 14.79449   | (17111224) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 946

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 397527.07  | 3820443.73           | 14.56050  | (17111224) | 397508.11 |
| 3820459.04 | 13.95090 (17111224)  |           |            |           |
| 397489.16  | 3820474.34           | 13.18448  | (20111608) | 397470.20 |
| 3820489.64 | 14.19892 (20111608)  |           |            |           |
| 397451.24  | 3820504.95           | 14.94519  | (20111608) | 397432.29 |
| 3820520.25 | 15.36369 (20111608)  |           |            |           |
| 397413.33  | 3820535.55           | 15.41829  | (20111608) | 397394.37 |
| 3820550.86 | 15.09926 (20111608)  |           |            |           |
| 397375.42  | 3820566.16           | 14.42632  | (20111608) | 397356.46 |
| 3820581.46 | 13.44444 (20111608)  |           |            |           |
| 397337.50  | 3820596.77           | 12.21959  | (20111608) | 397318.55 |
| 3820612.07 | 11.98694 (16111008)  |           |            |           |
| 397275.24  | 3820628.07           | 12.23895c | (16051808) | 397250.89 |
| 3820628.77 | 12.48882c (16051808) |           |            |           |
| 397226.53  | 3820629.47           | 12.53920c | (16051808) | 397202.18 |
| 3820630.17 | 12.93017 (16123008)  |           |            |           |
| 397177.83  | 3820630.86           | 13.42607  | (16123008) | 397153.47 |
| 3820631.56 | 13.72055 (16123008)  |           |            |           |
| 397129.12  | 3820632.26           | 13.80133  | (16123008) | 397104.77 |
| 3820632.96 | 13.66513 (16123008)  |           |            |           |
| 397080.42  | 3820633.65           | 13.31708  | (16123008) | 397056.06 |
| 3820634.35 | 12.76975 (16123008)  |           |            |           |
| 397031.71  | 3820635.05           | 13.70874  | (16111808) | 397007.36 |
| 3820635.75 | 14.91013 (16111808)  |           |            |           |
| 396983.00  | 3820636.44           | 15.81765  | (16111808) | 396958.65 |
| 3820637.14 | 16.36219 (16111808)  |           |            |           |
| 396934.30  | 3820637.84           | 16.49911  | (16111808) | 396909.95 |
| 3820638.54 | 16.21331 (16111808)  |           |            |           |
| 396885.59  | 3820639.23           | 15.52178  | (16111808) | 396861.24 |
| 3820639.93 | 15.91395 (20011908)  |           |            |           |
| 396836.89  | 3820640.63           | 16.77432  | (20011908) | 396812.54 |
| 3820641.33 | 17.25818 (20011908)  |           |            |           |
| 396788.18  | 3820642.02           | 17.32595  | (20011908) | 396763.83 |
| 3820642.72 | 16.96723 (20011908)  |           |            |           |
| 396739.48  | 3820643.42           | 16.20309  | (20011908) | 396715.12 |
| 3820644.12 | 15.54304 (19120308)  |           |            |           |
| 396690.77  | 3820644.81           | 15.99995  | (19120308) | 396666.42 |
| 3820645.51 | 16.11996 (19120308)  |           |            |           |
| 396642.07  | 3820646.21           | 15.89334  | (19120308) | 396617.71 |
| 3820646.91 | 15.33650 (19120308)  |           |            |           |
| 396593.36  | 3820647.60           | 14.49105  | (19120308) | 396569.01 |
| 3820648.30 | 14.05538 (20050808)  |           |            |           |
| 396544.65  | 3820649.00           | 15.78644  | (20050808) | 396520.30 |
| 3820649.70 | 17.29348 (20050808)  |           |            |           |
| 396495.95  | 3820650.39           | 18.47429  | (20050808) | 396471.60 |
| 3820651.09 | 19.24317 (20050808)  |           |            |           |
| 396447.24  | 3820651.79           | 19.54160  | (20050808) | 396422.89 |
| 3820652.49 | 19.34633 (20050808)  |           |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396398.54  | 3820653.18 | 18.67353   | (20050808) | 396374.18 |
| 3820653.88 | 17.57516   | (20050808) |            |           |
| 396349.83  | 3820654.58 | 16.22590   | (18111108) | 396325.48 |
| 3820655.28 | 16.17264   | (18111108) |            |           |
| 396301.13  | 3820655.97 | 15.62960   | (18111108) | 396276.77 |
| 3820656.67 | 15.72761   | (18022808) |            |           |
| 396252.42  | 3820657.37 | 16.35213   | (18022808) | 396228.07 |
| 3820658.07 | 16.60067   | (18022808) |            |           |
| 396203.72  | 3820658.76 | 16.44065   | (18022808) | 396179.36 |
| 3820659.46 | 15.87173   | (18022808) |            |           |
| 396155.01  | 3820660.16 | 14.92775   | (18022808) | 396130.66 |
| 3820660.86 | 13.67279   | (18022808) |            |           |
| 396106.30  | 3820661.55 | 12.19120   | (18022808) | 396081.95 |
| 3820662.25 | 12.54107   | (20020524) |            |           |
| 396057.60  | 3820662.95 | 13.18597   | (20020524) | 396033.25 |
| 3820663.65 | 13.52408   | (20020524) |            |           |
| 396008.89  | 3820664.34 | 13.52170   | (20020524) | 395984.54 |
| 3820665.04 | 13.17914   | (20020524) |            |           |
| 395960.19  | 3820665.74 | 13.05971   | (19120408) | 395935.83 |
| 3820666.44 | 13.72612   | (19120408) |            |           |
| 395911.48  | 3820667.13 | 14.13145   | (19120408) | 395887.13 |
| 3820667.83 | 14.29358   | (19120408) |            |           |
| 395862.78  | 3820668.53 | 14.24816   | (19120408) | 395838.42 |
| 3820669.23 | 14.03794   | (19120408) |            |           |
| 395814.07  | 3820669.92 | 13.70201   | (19120408) | 395789.72 |
| 3820670.62 | 13.53228   | (17102308) |            |           |
| 395765.36  | 3820671.32 | 13.23958   | (16091508) | 395741.01 |
| 3820672.02 | 12.92448   | (16091508) |            |           |
| 395716.66  | 3820672.71 | 12.31389   | (16091508) | 395692.31 |
| 3820673.41 | 11.46432   | (16091508) |            |           |
| 395667.95  | 3820674.11 | 10.81346   | (16100908) | 395643.60 |
| 3820674.81 | 10.46834   | (20012008) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 947

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 395619.25   | 3820675.50          | 10.63592   | (20012008) | 395594.90   |
| 3820676.20  | 10.48984 (20012008) |            |            |             |
| 395570.54   | 3820676.90          | 10.51086   | (16010908) | 395546.19   |
| 3820677.60  | 12.19091 (16010908) |            |            |             |
| 395521.84   | 3820678.29          | 13.75170   | (16010908) | 395497.48   |
| 3820678.99  | 15.09909 (16010908) |            |            |             |
| 395473.13   | 3820679.69          | 16.14912   | (16010908) | 395448.78   |
| 3820680.39  | 16.83935 (16010908) |            |            |             |
| 395424.43   | 3820681.08          | 17.13140   | (16010908) | 395400.07   |
| 3820681.78  | 17.01299 (16010908) |            |            |             |
| 395375.72   | 3820682.48          | 16.49715   | (16010908) | 395351.37   |
| 3820683.18  | 15.62145 (16010908) |            |            |             |
| 395327.01   | 3820683.87          | 14.43996   | (16010908) | 395302.66   |
| 3820684.57  | 15.75837 (19091808) |            |            |             |
| 395278.31   | 3820685.27          | 17.33238   | (19091808) | 395253.96   |
| 3820685.97  | 18.43890 (19091808) |            |            |             |
| 395229.60   | 3820686.66          | 18.97778   | (19091808) | 395205.25   |
| 3820687.36  | 18.89207 (19091808) |            |            |             |
| 395180.90   | 3820688.06          | 18.19451   | (19091808) | 395156.54   |
| 3820688.76  | 16.95575 (19091808) |            |            |             |
| 395132.19   | 3820689.45          | 15.29905   | (19091808) | 395107.84   |
| 3820690.15  | 13.37993 (19091808) |            |            |             |
| 395083.49   | 3820690.85          | 11.36811   | (19091808) | 395059.13   |
| 3820691.55  | 10.04818 (20022708) |            |            |             |
| 395034.78   | 3820692.24          | 10.27426   | (20022708) | 395010.43   |
| 3820692.94  | 11.19581 (18020224) |            |            |             |
| 394986.07   | 3820693.64          | 11.90170   | (18020224) | 394961.72   |
| 3820694.34  | 12.19659 (18020224) |            |            |             |
| 394937.37   | 3820695.03          | 12.84150   | (19102024) | 394913.02   |
| 3820695.73  | 13.61765 (19102024) |            |            |             |
| 394888.66   | 3820696.43          | 13.95962   | (19102024) | 394864.31   |
| 3820697.13  | 13.83213 (19102024) |            |            |             |
| 399214.20   | 3819081.73          | 11.45310   | (20031208) | 399227.40   |
| 3819060.97  | 11.18779 (20031208) |            |            |             |
| 400320.26   | 3819812.55          | 8.60091    | (20031208) | 400301.16   |
| 3819827.97  | 8.71378 (19020808)  |            |            |             |
| 400282.07   | 3819843.38          | 9.56582    | (19020808) | 400262.97   |
| 3819858.80  | 10.35096 (19020808) |            |            |             |
| 400243.88   | 3819874.21          | 11.03959   | (19020808) | 400224.79   |
| 3819889.62  | 11.60209 (19020808) |            |            |             |
| 400205.69   | 3819905.04          | 12.01455   | (19020808) | 400186.60   |
| 3819920.45  | 12.25814 (19020808) |            |            |             |
| 400167.50   | 3819935.87          | 12.32202   | (19020808) | 400148.41   |
| 3819951.28  | 12.12456 (19020808) |            |            |             |
| 400129.32   | 3819966.70          | 11.42883   | (19020808) | 400110.22   |
| 3819982.11  | 10.69069 (19020808) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400091.13  | 3819997.53 | 9.91985    | (19020808) | 400072.03 |
| 3820012.94 | 11.05974   | (19011108) |            |           |
| 400052.94  | 3820028.35 | 12.30494   | (19011108) | 400033.85 |
| 3820043.77 | 13.42219   | (19011108) |            |           |
| 400014.75  | 3820059.18 | 14.03376   | (19011108) | 399995.66 |
| 3820074.60 | 14.16684   | (19011108) |            |           |
| 399976.57  | 3820090.01 | 15.40336   | (19011108) | 399957.47 |
| 3820105.43 | 16.87012   | (19011108) |            |           |
| 399938.38  | 3820120.84 | 17.59260   | (19011108) | 399919.28 |
| 3820136.25 | 17.97407   | (19011108) |            |           |
| 399900.19  | 3820151.67 | 18.09075   | (19011108) | 399881.10 |
| 3820167.08 | 18.04143   | (19011108) |            |           |
| 399862.00  | 3820182.50 | 17.69083   | (19011108) | 399842.91 |
| 3820197.91 | 17.34173   | (19011108) |            |           |
| 399823.81  | 3820213.33 | 17.09847   | (19011108) | 399804.72 |
| 3820228.74 | 16.67521   | (19011108) |            |           |
| 399785.63  | 3820244.16 | 15.94880   | (19011108) | 399766.53 |
| 3820259.57 | 14.92175   | (19011108) |            |           |
| 399747.44  | 3820274.98 | 13.80000   | (19011108) | 399728.34 |
| 3820290.40 | 12.56344   | (19011108) |            |           |
| 399709.25  | 3820305.81 | 11.28248   | (19011108) | 399690.16 |
| 3820321.23 | 10.17388   | (16122024) |            |           |
| 399671.06  | 3820336.64 | 10.10856   | (16122024) | 399651.97 |
| 3820352.06 | 9.45684    | (16122024) |            |           |
| 399632.88  | 3820367.47 | 8.40019    | (16122024) | 399613.78 |
| 3820382.88 | 6.97994    | (16122024) |            |           |
| 399594.69  | 3820398.30 | 6.00593    | (16122024) | 399575.59 |
| 3820413.71 | 5.64000    | (16122024) |            |           |
| 399556.50  | 3820429.13 | 5.15823    | (16122024) | 399537.41 |
| 3820444.54 | 4.21098    | (16122024) |            |           |
| 399518.31  | 3820459.96 | 3.45233c   | (20112424) | 399499.22 |
| 3820475.37 | 3.18683c   | (20112424) |            |           |
| 399480.12  | 3820490.79 | 2.97843c   | (20112424) | 399461.03 |
| 3820506.20 | 2.92533c   | (20112424) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 948

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC (YYMMDDHH)     | X-COORD (M) |
|----------------------------|--------------------------------|---------------------|-------------|
| 399441.94                  | 3820521.61                     | 2.85275c (20112424) | 399422.84   |
| 3820537.03                 | 2.69968c (20112424)            |                     |             |
| 399403.75                  | 3820552.44                     | 2.57756c (20112424) | 399384.65   |
| 3820567.86                 | 2.52004 (16022608)             |                     |             |
| 399365.56                  | 3820583.27                     | 2.65869 (16022608)  | 399346.47   |
| 3820598.69                 | 2.79833 (16022608)             |                     |             |
| 399327.37                  | 3820614.10                     | 2.92563 (16022608)  | 399308.28   |
| 3820629.51                 | 3.06496 (16022608)             |                     |             |
| 399289.19                  | 3820644.93                     | 3.10092 (16022608)  | 399270.09   |
| 3820660.34                 | 3.06947 (16022608)             |                     |             |
| 399251.00                  | 3820675.76                     | 3.09034 (16022608)  | 399231.90   |
| 3820691.17                 | 3.15206 (16022608)             |                     |             |
| 399212.81                  | 3820706.59                     | 3.28654 (16022608)  | 399193.72   |
| 3820722.00                 | 3.15039 (16022608)             |                     |             |
| 399174.62                  | 3820737.41                     | 2.89915 (16022608)  | 399155.53   |
| 3820752.83                 | 2.68465 (16022608)             |                     |             |
| 399136.43                  | 3820768.24                     | 2.73015 (16022608)  | 399117.34   |
| 3820783.66                 | 2.83579 (17090408)             |                     |             |
| 399098.25                  | 3820799.07                     | 2.82265 (17090408)  | 399079.15   |
| 3820814.49                 | 2.62723 (17090408)             |                     |             |
| 399060.06                  | 3820829.90                     | 2.65982 (16122008)  | 399040.96   |
| 3820845.32                 | 3.06686 (16122008)             |                     |             |
| 399021.87                  | 3820860.73                     | 3.56640 (16122008)  | 399002.78   |
| 3820876.14                 | 3.86632 (16122008)             |                     |             |
| 398983.68                  | 3820891.56                     | 4.29261 (16122008)  | 398964.59   |
| 3820906.97                 | 4.76625 (16122008)             |                     |             |
| 398945.49                  | 3820922.39                     | 5.14056 (16122008)  | 398926.40   |
| 3820937.80                 | 5.40446 (16122008)             |                     |             |
| 398907.31                  | 3820953.22                     | 5.26320 (16122008)  | 398888.21   |
| 3820968.63                 | 4.67990 (19021208)             |                     |             |
| 398869.12                  | 3820984.04                     | 4.37517 (19021208)  | 398850.03   |
| 3820999.46                 | 4.61971 (19021208)             |                     |             |
| 398830.93                  | 3821014.87                     | 4.83627 (19021208)  | 398811.84   |
| 3821030.29                 | 4.25348 (19021208)             |                     |             |
| 398792.74                  | 3821045.70                     | 3.73176 (19021208)  | 398773.65   |
| 3821061.12                 | 3.58752 (19021208)             |                     |             |
| 398754.56                  | 3821076.53                     | 4.10403 (19021208)  | 398735.46   |
| 3821091.95                 | 4.84732 (19021208)             |                     |             |
| 398716.37                  | 3821107.36                     | 5.31558 (19021208)  | 398697.27   |
| 3821122.77                 | 5.49862 (16122008)             |                     |             |
| 398678.18                  | 3821138.19                     | 5.66722 (18012408)  | 398659.09   |
| 3821153.60                 | 6.23754 (18012408)             |                     |             |
| 398639.99                  | 3821169.02                     | 6.52976 (18012408)  | 398620.90   |
| 3821184.43                 | 6.72164 (18012408)             |                     |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398601.80  | 3821199.85 | 6.59880    | (18012408) | 398582.71 |
| 3821215.26 | 6.20581    | (18012408) |            |           |
| 398563.62  | 3821230.67 | 5.66511    | (18012408) | 398544.52 |
| 3821246.09 | 5.08263    | (18012408) |            |           |
| 398525.43  | 3821261.50 | 5.34086    | (16122908) | 398506.34 |
| 3821276.92 | 5.70115    | (16122908) |            |           |
| 398487.24  | 3821292.33 | 6.02110    | (16122908) | 398468.15 |
| 3821307.75 | 6.19343    | (16122908) |            |           |
| 398449.05  | 3821323.16 | 6.30703    | (16122908) | 398429.96 |
| 3821338.58 | 6.55663    | (16122908) |            |           |
| 398410.87  | 3821353.99 | 6.69591    | (16122908) | 398391.77 |
| 3821369.40 | 6.82380    | (20112908) |            |           |
| 398372.68  | 3821384.82 | 7.13836    | (20112908) | 398353.58 |
| 3821400.23 | 7.11771    | (20112908) |            |           |
| 398334.49  | 3821415.65 | 6.36880    | (20112908) | 398315.40 |
| 3821431.06 | 5.40248    | (20112908) |            |           |
| 398296.30  | 3821446.48 | 5.03306    | (20112908) | 398277.21 |
| 3821461.89 | 5.70854    | (17111224) |            |           |
| 398258.11  | 3821477.30 | 5.23622    | (17111224) | 398239.02 |
| 3821492.72 | 4.16185    | (17111224) |            |           |
| 398219.93  | 3821508.13 | 3.25246    | (17111224) | 398200.83 |
| 3821523.55 | 2.85641    | (20111608) |            |           |
| 398181.74  | 3821538.96 | 3.23235    | (20111608) | 398162.65 |
| 3821554.38 | 3.64043    | (20111608) |            |           |
| 398143.55  | 3821569.79 | 3.96092    | (20111608) | 398124.46 |
| 3821585.21 | 4.24428    | (20111608) |            |           |
| 398105.36  | 3821600.62 | 5.09928    | (20111608) | 398086.27 |
| 3821616.03 | 6.23812    | (20111608) |            |           |
| 398067.18  | 3821631.45 | 7.25260    | (20111608) | 398048.08 |
| 3821646.86 | 7.99926    | (20111608) |            |           |
| 398028.99  | 3821662.28 | 8.15020    | (20111608) | 398009.89 |
| 3821677.69 | 7.64887    | (20111608) |            |           |
| 397990.80  | 3821693.11 | 6.91646    | (16111008) | 397971.71 |
| 3821708.52 | 6.52013    | (16111008) |            |           |
| 397952.61  | 3821723.93 | 6.17514    | (16111008) | 397933.52 |
| 3821739.35 | 6.42334    | (16111008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 949

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|----------|------------|-------------|
| -----       |             |                     |          |            |             |
| 3821770.18  | 397914.42   | 3821754.76          | 7.04477  | (16111008) | 397895.33   |
|             |             | 7.42424c (16051808) |          |            |             |
|             | 397876.24   | 3821785.59          | 7.44274c | (16051808) | 397857.14   |
| 3821801.01  |             | 6.88050c (16051808) |          |            |             |
|             | 397838.05   | 3821816.42          | 5.97427c | (16051808) | 397818.95   |
| 3821831.84  |             | 4.98961c (16051808) |          |            |             |
|             | 397799.86   | 3821847.25          | 4.52491  | (16111008) | 397780.77   |
| 3821862.66  |             | 4.38232 (16111008)  |          |            |             |
|             | 397737.14   | 3821878.78          | 4.75910  | (16123008) | 397712.61   |
| 3821879.48  |             | 5.03322 (16123008)  |          |            |             |
|             | 397688.09   | 3821880.19          | 5.33107  | (16111808) | 397663.56   |
| 3821880.89  |             | 6.73762 (16111808)  |          |            |             |
|             | 397639.03   | 3821881.59          | 8.03446  | (16111808) | 397614.50   |
| 3821882.29  |             | 8.65195 (16111808)  |          |            |             |
|             | 397589.97   | 3821883.00          | 8.71084  | (16111808) | 397565.44   |
| 3821883.70  |             | 8.64156 (16111808)  |          |            |             |
|             | 397540.91   | 3821884.40          | 8.86446  | (16111808) | 397516.38   |
| 3821885.10  |             | 9.34295 (16111808)  |          |            |             |
|             | 397491.85   | 3821885.81          | 9.74387  | (16111808) | 397467.32   |
| 3821886.51  |             | 9.83967 (16111808)  |          |            |             |
|             | 397442.79   | 3821887.21          | 10.38916 | (20011908) | 397418.26   |
| 3821887.91  |             | 10.41228 (20011908) |          |            |             |
|             | 397393.73   | 3821888.62          | 9.53424  | (20011908) | 397369.20   |
| 3821889.32  |             | 8.50118 (20011908)  |          |            |             |
|             | 397344.68   | 3821890.02          | 8.03007  | (20011908) | 397320.15   |
| 3821890.72  |             | 7.88053 (20011908)  |          |            |             |
|             | 397295.62   | 3821891.43          | 7.46445  | (20011908) | 397271.09   |
| 3821892.13  |             | 7.02941 (19120308)  |          |            |             |
|             | 397246.56   | 3821892.83          | 7.13674  | (19120308) | 397222.03   |
| 3821893.53  |             | 7.26395 (19120308)  |          |            |             |
|             | 397197.50   | 3821894.24          | 7.47937  | (19120308) | 397172.97   |
| 3821894.94  |             | 7.81646 (19120308)  |          |            |             |
|             | 397148.44   | 3821895.64          | 8.24346  | (19120308) | 397123.91   |
| 3821896.34  |             | 8.43168 (19120308)  |          |            |             |
|             | 397099.38   | 3821897.05          | 8.27180  | (19120308) | 397074.85   |
| 3821897.75  |             | 8.07718 (19120308)  |          |            |             |
|             | 397050.32   | 3821898.45          | 9.33009  | (20050808) | 397025.79   |
| 3821899.15  |             | 10.38304 (20050808) |          |            |             |
|             | 397001.27   | 3821899.86          | 11.00757 | (20050808) | 396976.74   |
| 3821900.56  |             | 11.15749 (20050808) |          |            |             |
|             | 396952.21   | 3821901.26          | 11.88796 | (20050808) | 396927.68   |
| 3821901.96  |             | 13.07795 (20050808) |          |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3821903.37 | 396903.15 | 3821902.67 | 14.05694   | (20050808) | 396878.62 |
|            |           | 13.91719   | (20050808) |            |           |
| 3821904.78 | 396854.09 | 3821904.07 | 13.55794   | (20050808) | 396829.56 |
|            |           | 12.99715   | (20050808) |            |           |
| 3821906.18 | 396805.03 | 3821905.48 | 12.26256   | (20050808) | 396780.50 |
|            |           | 11.71277   | (18111108) |            |           |
| 3821907.59 | 396755.97 | 3821906.88 | 11.68860   | (18111108) | 396731.44 |
|            |           | 11.43684   | (18111108) |            |           |
| 3821908.99 | 396706.91 | 3821908.29 | 10.97077   | (18111108) | 396682.38 |
|            |           | 11.28830   | (18022808) |            |           |
| 3821910.40 | 396657.86 | 3821909.69 | 11.64042   | (18022808) | 396633.33 |
|            |           | 11.82259   | (18022808) |            |           |
| 3821911.80 | 396608.80 | 3821911.10 | 11.82087   | (18022808) | 396584.27 |
|            |           | 11.63074   | (18022808) |            |           |
| 3821913.21 | 396559.74 | 3821912.50 | 11.25729   | (18022808) | 396535.21 |
|            |           | 10.71588   | (18022808) |            |           |
| 3821914.61 | 396510.68 | 3821913.91 | 10.02969   | (18022808) | 396486.15 |
|            |           | 9.22855    | (18022808) |            |           |
| 3821916.02 | 396461.62 | 3821915.31 | 8.56703    | (17101508) | 396437.09 |
|            |           | 8.90977    | (20020524) |            |           |
| 3821917.42 | 396412.56 | 3821916.72 | 9.31200    | (20020524) | 396388.03 |
|            |           | 9.58030    | (20020524) |            |           |
| 3821918.83 | 396363.50 | 3821918.12 | 9.69819    | (20020524) | 396338.97 |
|            |           | 9.65745    | (20020524) |            |           |
| 3821920.23 | 396314.45 | 3821919.53 | 9.46035    | (20020524) | 396289.92 |
|            |           | 9.15028    | (19120408) |            |           |
| 3821921.64 | 396265.39 | 3821920.93 | 9.59087    | (19120408) | 396240.86 |
|            |           | 9.90944    | (19120408) |            |           |
| 3821923.04 | 396216.33 | 3821922.34 | 10.10735   | (19120408) | 396191.80 |
|            |           | 10.19365   | (19120408) |            |           |
| 3821924.45 | 396167.27 | 3821923.74 | 10.18303   | (19120408) | 396142.74 |
|            |           | 10.09308   | (19120408) |            |           |
| 3821925.85 | 396118.21 | 3821925.15 | 9.94148    | (19120408) | 396093.68 |
|            |           | 9.74306    | (19120408) |            |           |
| 3821927.26 | 396069.15 | 3821926.55 | 9.74284    | (17102308) | 396044.62 |
|            |           | 9.66668    | (17102308) |            |           |
| 3821928.66 | 396020.09 | 3821927.96 | 9.41028    | (17102308) | 395995.56 |
|            |           | 9.20386    | (16091508) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 950

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            |             | IN MICROGRAMS/M**3 |
|-------------|---------------------|----------------|------------|-------------|--------------------|
|             |                     | **             |            |             |                    |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) | X-COORD (M) |                    |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |             |                    |
| -----       |                     |                |            |             |                    |
| 395971.03   | 3821929.36          | 8.86746        | (16091508) | 395946.51   |                    |
| 3821930.07  | 8.41667 (16091508)  |                |            |             |                    |
| 395921.98   | 3821930.77          | 8.03654        | (16100908) | 395897.45   |                    |
| 3821931.47  | 7.76123 (16100908)  |                |            |             |                    |
| 395872.92   | 3821932.17          | 7.46332        | (20012008) | 395848.39   |                    |
| 3821932.88  | 7.60596 (20012008)  |                |            |             |                    |
| 395823.86   | 3821933.58          | 7.60355        | (20012008) | 395799.33   |                    |
| 3821934.28  | 7.46007 (20012008)  |                |            |             |                    |
| 395774.80   | 3821934.99          | 7.48833        | (17122208) | 395750.27   |                    |
| 3821935.69  | 8.34498 (16010908)  |                |            |             |                    |
| 395725.74   | 3821936.39          | 9.27306        | (16010908) | 395701.21   |                    |
| 3821937.09  | 10.12560 (16010908) |                |            |             |                    |
| 395676.68   | 3821937.80          | 10.86991       | (16010908) | 395652.15   |                    |
| 3821938.50  | 11.47762 (16010908) |                |            |             |                    |
| 395627.62   | 3821939.20          | 11.92637       | (16010908) | 395603.10   |                    |
| 3821939.90  | 12.20071 (16010908) |                |            |             |                    |
| 395578.57   | 3821940.61          | 12.29285       | (16010908) | 395554.04   |                    |
| 3821941.31  | 12.20154 (16010908) |                |            |             |                    |
| 395529.51   | 3821942.01          | 11.93379       | (16010908) | 395504.98   |                    |
| 3821942.71  | 11.50111 (16010908) |                |            |             |                    |
| 395480.45   | 3821943.42          | 10.92085       | (16010908) | 395455.92   |                    |
| 3821944.12  | 10.21489 (16010908) |                |            |             |                    |
| 395431.39   | 3821944.82          | 11.07505       | (19091808) | 395406.86   |                    |
| 3821945.52  | 12.05616 (19091808) |                |            |             |                    |
| 395382.33   | 3821946.23          | 12.84903       | (19091808) | 395357.80   |                    |
| 3821946.93  | 13.40706 (19091808) |                |            |             |                    |
| 395333.27   | 3821947.63          | 13.69617       | (19091808) | 395308.74   |                    |
| 3821948.33  | 13.70190 (19091808) |                |            |             |                    |
| 395284.21   | 3821949.04          | 13.41948       | (19091808) | 395259.69   |                    |
| 3821949.74  | 12.86959 (19091808) |                |            |             |                    |
| 395235.16   | 3821950.44          | 12.08659       | (19091808) | 395210.63   |                    |
| 3821951.14  | 11.11880 (19091808) |                |            |             |                    |
| 395186.10   | 3821951.85          | 10.02333       | (19091808) | 395161.57   |                    |
| 3821952.55  | 8.86168 (19091808)  |                |            |             |                    |
| 395137.04   | 3821953.25          | 7.69469        | (19091808) | 395112.51   |                    |
| 3821953.95  | 7.25217 (20022708)  |                |            |             |                    |
| 395087.98   | 3821954.66          | 7.42006        | (20022708) | 395063.45   |                    |
| 3821955.36  | 7.73833 (18020224)  |                |            |             |                    |
| 395038.92   | 3821956.06          | 8.28463        | (18020224) | 395014.39   |                    |
| 3821956.76  | 8.66428 (18020224)  |                |            |             |                    |



|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3821958.17 | 394989.86 | 3821957.47          | 8.85171  | (18020224) | 394965.33 |
|            |           | 8.95383 (19102024)  |          |            |           |
|            | 394940.80 | 3821958.87          | 9.52525  | (19102024) | 394916.28 |
| 3821959.57 |           | 9.91628 (19102024)  |          |            |           |
|            | 394891.75 | 3821960.28          | 10.10183 | (19102024) | 394867.22 |
| 3821960.98 |           | 10.06952 (19102024) |          |            |           |
|            | 394842.69 | 3821961.68          | 9.82164  | (19102024) | 394818.16 |
| 3821962.38 |           | 9.37473 (19102024)  |          |            |           |
|            | 394793.63 | 3821963.09          | 8.75775  | (19102024) | 394769.10 |
| 3821963.79 |           | 8.28048 (18022608)  |          |            |           |
|            | 394744.57 | 3821964.49          | 8.14246  | (18022608) | 394720.04 |
| 3821965.19 |           | 8.78641 (19010308)  |          |            |           |
|            | 394695.51 | 3821965.90          | 9.29270  | (19010308) | 394670.98 |
| 3821966.60 |           | 9.62212 (19010308)  |          |            |           |
|            | 394646.45 | 3821967.30          | 9.75485  | (19010308) | 394621.92 |
| 3821968.01 |           | 9.68305 (19010308)  |          |            |           |
|            | 394597.39 | 3821968.71          | 9.41161  | (19010308) | 394572.87 |
| 3821969.41 |           | 9.93128 (16092808)  |          |            |           |
|            | 394548.34 | 3821970.11          | 11.07838 | (16092808) | 394523.81 |
| 3821970.82 |           | 12.10806 (16092808) |          |            |           |
|            | 394499.28 | 3821971.52          | 12.96763 | (16092808) | 394474.75 |
| 3821972.22 |           | 13.61120 (16092808) |          |            |           |
|            | 400339.35 | 3819797.14          | 8.48781  | (20031208) | 400352.55 |
| 3819776.38 |           | 8.34967 (20031208)  |          |            |           |
|            | 401445.44 | 3820527.94          | 5.53139  | (16021508) | 401426.37 |
| 3820543.33 |           | 5.65361 (19020808)  |          |            |           |
|            | 401407.31 | 3820558.72          | 6.01259  | (19020808) | 401388.25 |
| 3820574.11 |           | 6.33022 (19020808)  |          |            |           |
|            | 401369.18 | 3820589.50          | 6.59312  | (19020808) | 401350.12 |
| 3820604.89 |           | 6.78754 (19020808)  |          |            |           |
|            | 401331.06 | 3820620.28          | 6.90642  | (19020808) | 401311.99 |
| 3820635.67 |           | 6.96949 (19020808)  |          |            |           |
|            | 401292.93 | 3820651.06          | 6.95753  | (19020808) | 401273.87 |
| 3820666.45 |           | 6.86568 (19020808)  |          |            |           |
|            | 401254.80 | 3820681.84          | 6.65891  | (19020808) | 401235.74 |
| 3820697.23 |           | 6.40660 (19020808)  |          |            |           |
|            | 401216.68 | 3820712.62          | 6.11534  | (19020808) | 401197.61 |
| 3820728.01 |           | 5.83721 (19020808)  |          |            |           |
|            | 401178.55 | 3820743.40          | 5.46405  | (19011108) | 401159.49 |
| 3820758.78 |           | 5.99241 (19011108)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 951

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|-------------|----------------|------------|--------------------|-------------|
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |             |
| 401140.42   | 3820774.17  | 6.51434        | (19011108) |                    | 401121.36   |
| 3820789.56  | 7.10107     | (19011108)     |            |                    |             |
| 401102.30   | 3820804.95  | 7.53505        | (19011108) |                    | 401083.24   |
| 3820820.34  | 7.90111     | (19011108)     |            |                    |             |
| 401064.17   | 3820835.73  | 8.16757        | (19011108) |                    | 401045.11   |
| 3820851.12  | 8.51886     | (19011108)     |            |                    |             |
| 401026.05   | 3820866.51  | 8.78840        | (19011108) |                    | 401006.98   |
| 3820881.90  | 8.97382     | (19011108)     |            |                    |             |
| 400987.92   | 3820897.29  | 8.83788        | (19011108) |                    | 400968.86   |
| 3820912.68  | 8.57767     | (19011108)     |            |                    |             |
| 400949.79   | 3820928.07  | 8.82467        | (19011108) |                    | 400930.73   |
| 3820943.46  | 8.89892     | (19011108)     |            |                    |             |
| 400911.67   | 3820958.85  | 8.45437        | (19011108) |                    | 400892.60   |
| 3820974.24  | 8.04114     | (19011108)     |            |                    |             |
| 400873.54   | 3820989.63  | 7.24590        | (19011108) |                    | 400854.48   |
| 3821005.02  | 6.47361     | (19011108)     |            |                    |             |
| 400835.41   | 3821020.41  | 5.89252        | (19011108) |                    | 400816.35   |
| 3821035.80  | 5.39921     | (19011108)     |            |                    |             |
| 400797.29   | 3821051.19  | 5.17142        | (19011108) |                    | 400778.22   |
| 3821066.58  | 5.02389     | (19011108)     |            |                    |             |
| 400759.16   | 3821081.97  | 4.85408        | (19011108) |                    | 400740.10   |
| 3821097.36  | 4.67931     | (19011108)     |            |                    |             |
| 400721.03   | 3821112.75  | 4.54016        | (19011108) |                    | 400701.97   |
| 3821128.14  | 4.28471     | (19011108)     |            |                    |             |
| 400682.91   | 3821143.52  | 3.95665        | (16122024) |                    | 400663.84   |
| 3821158.91  | 4.03041     | (16122024)     |            |                    |             |
| 400644.78   | 3821174.30  | 4.10134        | (16122024) |                    | 400625.72   |
| 3821189.69  | 4.13631     | (16122024)     |            |                    |             |
| 400606.66   | 3821205.08  | 4.18209        | (16122024) |                    | 400587.59   |
| 3821220.47  | 4.13312     | (16122024)     |            |                    |             |
| 400568.53   | 3821235.86  | 3.91347        | (16122024) |                    | 400549.47   |
| 3821251.25  | 3.74130     | (16122024)     |            |                    |             |
| 400530.40   | 3821266.64  | 3.48161        | (16122024) |                    | 400511.34   |
| 3821282.03  | 3.22319     | (16122024)     |            |                    |             |
| 400492.28   | 3821297.42  | 2.94236        | (16122024) |                    | 400473.21   |
| 3821312.81  | 2.90521c    | (20112424)     |            |                    |             |
| 400454.15   | 3821328.20  | 2.88626c       | (20112424) |                    | 400435.09   |
| 3821343.59  | 2.83298c    | (20112424)     |            |                    |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 400416.02  | 3821358.98          | 2.73559c (20112424) | 400396.96 |
| 3821374.37 | 2.64146c (20112424) |                     |           |
| 400377.90  | 3821389.76          | 2.53586c (20112424) | 400358.83 |
| 3821405.15 | 2.46217c (20112424) |                     |           |
| 400339.77  | 3821420.54          | 2.42684c (20112424) | 400320.71 |
| 3821435.93 | 2.49361 (16022608)  |                     |           |
| 400301.64  | 3821451.32          | 2.73899 (16022608)  | 400282.58 |
| 3821466.71 | 3.02898 (16022608)  |                     |           |
| 400263.52  | 3821482.10          | 3.42641 (16022608)  | 400244.45 |
| 3821497.49 | 3.63191 (16022608)  |                     |           |
| 400225.39  | 3821512.87          | 3.72802 (16022608)  | 400206.33 |
| 3821528.26 | 3.87452 (16022608)  |                     |           |
| 400187.26  | 3821543.65          | 4.17226 (16022608)  | 400168.20 |
| 3821559.04 | 4.48922 (16022608)  |                     |           |
| 400149.14  | 3821574.43          | 4.74419 (16022608)  | 400130.08 |
| 3821589.82 | 4.81813 (16022608)  |                     |           |
| 400111.01  | 3821605.21          | 4.59375 (16022608)  | 400091.95 |
| 3821620.60 | 4.27385 (16022608)  |                     |           |
| 400072.89  | 3821635.99          | 3.96053 (16022608)  | 400053.82 |
| 3821651.38 | 3.81218 (18010208)  |                     |           |
| 400034.76  | 3821666.77          | 3.88540 (18010208)  | 400015.70 |
| 3821682.16 | 3.72462 (18010208)  |                     |           |
| 399996.63  | 3821697.55          | 3.48104 (18010208)  | 399977.57 |
| 3821712.94 | 3.57399 (20081108)  |                     |           |
| 399958.51  | 3821728.33          | 3.66096 (20081108)  | 399939.44 |
| 3821743.72 | 3.70125 (20081108)  |                     |           |
| 399920.38  | 3821759.11          | 3.79351 (16122008)  | 399901.32 |
| 3821774.50 | 3.59587 (16122008)  |                     |           |
| 399882.25  | 3821789.89          | 3.34284 (16122008)  | 399863.19 |
| 3821805.28 | 3.27252 (16122008)  |                     |           |
| 399844.13  | 3821820.67          | 3.29566 (16122008)  | 399825.06 |
| 3821836.06 | 3.31655 (16122008)  |                     |           |
| 399806.00  | 3821851.45          | 3.28006 (16122008)  | 399786.94 |
| 3821866.84 | 3.29330 (16122008)  |                     |           |
| 399767.87  | 3821882.22          | 3.31646 (16122008)  | 399748.81 |
| 3821897.61 | 3.36905 (16122008)  |                     |           |
| 399729.75  | 3821913.00          | 3.45542 (19021208)  | 399710.68 |
| 3821928.39 | 3.71176 (19021208)  |                     |           |
| 399691.62  | 3821943.78          | 3.93782 (19021208)  | 399672.56 |
| 3821959.17 | 4.14146 (19021208)  |                     |           |
| 399653.50  | 3821974.56          | 4.20263 (19021208)  | 399634.43 |
| 3821989.95 | 4.03306 (19021208)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                    | IN MICROGRAMS/M**3 |             |
|----------------|--------------------|--------------------|-------------|
| **             |                    |                    |             |
| X-COORD (M)    | Y-COORD (M)        | CONC (YYMMDDHH)    | X-COORD (M) |
| Y-COORD (M)    | CONC (YYMMDDHH)    |                    |             |
| -----          |                    |                    |             |
| 399615.37      | 3822005.34         | 3.95644 (19021208) | 399596.31   |
| 3822020.73     | 3.93363 (19021208) |                    |             |
| 399577.24      | 3822036.12         | 3.91731 (19021208) | 399558.18   |
| 3822051.51     | 3.48671 (19021208) |                    |             |
| 399539.12      | 3822066.90         | 3.01568 (19021208) | 399520.05   |
| 3822082.29     | 2.58359 (19021208) |                    |             |
| 399500.99      | 3822097.68         | 2.26254 (19021208) | 399481.93   |
| 3822113.07     | 2.06317 (19021208) |                    |             |
| 399462.86      | 3822128.46         | 2.02015 (18012408) | 399443.80   |
| 3822143.85     | 1.90379 (18012408) |                    |             |
| 399424.74      | 3822159.24         | 1.74419 (18012408) | 399405.67   |
| 3822174.63     | 1.63866 (16011608) |                    |             |
| 399386.61      | 3822190.02         | 1.55999 (16011608) | 399367.55   |
| 3822205.41     | 1.50513 (18020408) |                    |             |
| 399348.48      | 3822220.80         | 1.47761 (18020408) | 399329.42   |
| 3822236.19     | 1.45611 (18020408) |                    |             |
| 399310.36      | 3822251.57         | 1.51148 (16122908) | 399291.29   |
| 3822266.96     | 1.56353 (16122908) |                    |             |
| 399272.23      | 3822282.35         | 1.60688 (16122908) | 399253.17   |
| 3822297.74     | 1.64338 (16122908) |                    |             |
| 399234.10      | 3822313.13         | 1.66958 (16122908) | 399215.04   |
| 3822328.52     | 1.68791 (16122908) |                    |             |
| 399195.98      | 3822343.91         | 1.69801 (16122908) | 399176.92   |
| 3822359.30     | 1.70660 (16122908) |                    |             |
| 399157.85      | 3822374.69         | 1.68087 (16122908) | 399138.79   |
| 3822390.08     | 1.63511 (16122908) |                    |             |
| 399119.73      | 3822405.47         | 1.57719 (16122908) | 399100.66   |
| 3822420.86     | 1.52013 (16122908) |                    |             |
| 399081.60      | 3822436.25         | 1.50095 (16122908) | 399062.54   |
| 3822451.64     | 1.45320 (16122908) |                    |             |
| 399043.47      | 3822467.03         | 1.37679 (16111908) | 399024.41   |
| 3822482.42     | 1.32694 (16111908) |                    |             |
| 399005.35      | 3822497.81         | 1.31393 (16112524) | 398986.28   |
| 3822513.20     | 1.34417 (16112524) |                    |             |
| 398967.22      | 3822528.59         | 1.36546 (16112524) | 398948.16   |
| 3822543.98     | 1.34967 (16112524) |                    |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 398027.84   | 3823134.39         | 1.27372    | (17072108) | 398003.35   |
| 3823135.09  | 1.29284 (17072108) |            |            |             |
| 397978.86   | 3823135.80         | 1.30798    | (17072108) | 397954.37   |
| 3823136.50  | 1.31896 (17072108) |            |            |             |
| 397929.88   | 3823137.20         | 1.32536    | (17072108) | 397905.39   |
| 3823137.90  | 1.32754 (17072108) |            |            |             |
| 397880.90   | 3823138.60         | 1.32363    | (17072108) | 397856.41   |
| 3823139.30  | 1.31580 (17072108) |            |            |             |
| 397831.92   | 3823140.00         | 1.34242    | (19120308) | 397807.43   |
| 3823140.71  | 1.38363 (19120308) |            |            |             |
| 397782.94   | 3823141.41         | 1.42260    | (19120308) | 397758.45   |
| 3823142.11  | 1.44886 (19120308) |            |            |             |
| 397733.96   | 3823142.81         | 1.46089    | (19120308) | 397709.47   |
| 3823143.51  | 1.46923 (19120308) |            |            |             |
| 397684.98   | 3823144.21         | 1.46317    | (19120308) | 397660.49   |
| 3823144.91  | 1.44918 (19120308) |            |            |             |
| 397636.00   | 3823145.62         | 1.43091    | (19120308) | 397611.51   |
| 3823146.32  | 1.40282 (19120308) |            |            |             |
| 397587.02   | 3823147.02         | 1.36750    | (19120308) | 397562.53   |
| 3823147.72  | 1.31316 (19120308) |            |            |             |
| 397538.04   | 3823148.42         | 1.36427    | (17091808) | 397513.55   |
| 3823149.12  | 1.42438 (17091808) |            |            |             |
| 397489.06   | 3823149.82         | 1.47159    | (17091808) | 397464.57   |
| 3823150.53  | 1.50705 (17091808) |            |            |             |
| 397440.08   | 3823151.23         | 1.53636    | (17091808) | 397415.59   |
| 3823151.93  | 1.55965 (17091808) |            |            |             |
| 397391.10   | 3823152.63         | 1.57641    | (17091808) | 397366.61   |
| 3823153.33  | 1.58584 (17091808) |            |            |             |
| 397342.12   | 3823154.03         | 1.58445    | (17091808) | 397317.63   |
| 3823154.73  | 1.58152 (17091808) |            |            |             |
| 397293.14   | 3823155.44         | 1.58602    | (17091808) | 397268.65   |
| 3823156.14  | 1.59339 (17091808) |            |            |             |
| 397244.16   | 3823156.84         | 1.56391    | (17091808) | 397219.67   |
| 3823157.54  | 1.56505 (18110308) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3823158.94 | 397195.18 | 3823158.24 | 1.59070    | (18110308) | 397170.69 |
| 3823160.35 | 397146.20 | 3823159.64 | 1.61937    | (18110308) | 397121.71 |
| 3823161.75 | 397097.22 | 3823161.05 | 1.66363    | (18110308) | 397072.73 |
| 3823163.15 | 397048.24 | 3823162.45 | 1.72463    | (18110308) | 397023.75 |
| 3823164.55 | 396999.26 | 3823163.85 | 1.77724    | (18022808) | 396974.77 |
| 3823165.96 | 396950.28 | 3823165.26 | 1.77280    | (17100108) | 396925.79 |
| 3823167.36 | 396901.30 | 3823166.66 | 1.79416    | (17100108) | 396876.81 |
| 3823168.76 | 396852.32 | 3823168.06 | 1.79267    | (17100108) | 396827.83 |
| 3823170.17 | 396803.34 | 3823169.46 | 1.77223    | (17100108) | 396778.85 |
| 3823171.57 | 396754.36 | 3823170.87 | 1.66338    | (17100108) | 396729.87 |
| 3823172.97 | 396705.38 | 3823172.27 | 1.80844    | (20020524) | 396680.89 |
| 3823174.37 | 396656.40 | 3823173.67 | 1.93744    | (20020524) | 396631.91 |
| 3823175.78 | 396607.42 | 3823175.08 | 1.96937    | (17043008) | 396582.93 |
| 3823177.18 | 396558.44 | 3823176.48 | 2.03361    | (16092308) | 396533.96 |
| 3823178.58 | 396509.47 | 3823177.88 | 2.21341    | (16092308) | 396484.98 |
| 3823179.99 | 396460.49 | 3823179.28 | 2.24190    | (16091508) | 396436.00 |
| 3823181.39 | 396411.51 | 3823180.69 | 2.41737    | (16091508) | 396387.02 |
| 3823182.79 | 396362.53 | 3823182.09 | 2.44794    | (16091508) | 396338.04 |
| 3823184.19 | 396313.55 | 3823183.49 | 2.88466    | (16091508) | 396289.06 |
| 3823185.60 | 396264.57 | 3823184.90 | 3.30078    | (16091508) | 396240.08 |
| 3823187.00 | 396215.59 | 3823186.30 | 3.27740    | (16091508) | 396191.10 |
| 3823188.40 | 396166.61 | 3823187.70 | 3.10433    | (16091508) | 396142.12 |
| 3823189.81 | 396117.63 | 3823189.10 | 2.86940    | (16091508) | 396093.14 |
|            |           | 2.80727    | (20102808) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Study \*\*\*

```
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
```

\*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 396068.65   | 3823190.51         | 2.91358    | (20102808) | 396044.16   |
| 3823191.21  | 3.02704 (20102808) |            |            |             |
| 396019.67   | 3823191.91         | 3.12357    | (20102808) | 395995.18   |
| 3823192.61  | 3.19385 (20102808) |            |            |             |
| 395970.69   | 3823193.31         | 3.29298    | (20102808) | 395946.20   |
| 3823194.01  | 3.39031 (20102808) |            |            |             |
| 395921.71   | 3823194.72         | 3.42913    | (20102808) | 395897.22   |
| 3823195.42  | 3.42188 (16010908) |            |            |             |
| 395872.73   | 3823196.12         | 3.66882    | (16010908) | 395848.24   |
| 3823196.82  | 4.14076 (16010908) |            |            |             |
| 395823.75   | 3823197.52         | 4.56684    | (16010908) | 395799.26   |
| 3823198.22  | 5.23152 (16010908) |            |            |             |
| 395774.77   | 3823198.92         | 5.41635    | (16010908) | 395750.28   |
| 3823199.63  | 5.59145 (16010908) |            |            |             |
| 395725.79   | 3823200.33         | 5.77965    | (16010908) | 395701.30   |
| 3823201.03  | 5.78752 (16010908) |            |            |             |
| 395676.81   | 3823201.73         | 5.59523    | (16010908) | 395652.32   |
| 3823202.43  | 5.53076 (16010908) |            |            |             |
| 395627.83   | 3823203.13         | 5.53719    | (16010908) | 395603.34   |
| 3823203.83  | 5.48241 (16010908) |            |            |             |
| 395578.85   | 3823204.54         | 5.53346    | (16010908) | 395554.36   |
| 3823205.24  | 6.41347 (19091808) |            |            |             |
| 395529.87   | 3823205.94         | 6.92782    | (19091808) | 395505.38   |
| 3823206.64  | 7.26753 (19091808) |            |            |             |
| 395480.89   | 3823207.34         | 7.54150    | (19091808) | 395456.40   |
| 3823208.04  | 7.68031 (19091808) |            |            |             |
| 395431.91   | 3823208.74         | 7.71965    | (19091808) | 395407.42   |
| 3823209.45  | 7.73819 (19091808) |            |            |             |
| 395382.93   | 3823210.15         | 7.87293    | (19091808) | 395358.44   |
| 3823210.85  | 7.74258 (19091808) |            |            |             |
| 395333.95   | 3823211.55         | 7.49681    | (19091808) | 395309.46   |
| 3823212.25  | 7.09283 (19091808) |            |            |             |



|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3823213.65 | 395284.97 | 3823212.95          | 6.55878  | (19091808) | 395260.48 |
|            |           | 6.05208 (19091808)  |          |            |           |
|            | 395235.99 | 3823214.36          | 5.59290  | (19091808) | 395211.50 |
| 3823215.06 |           | 5.08617 (19091808)  |          |            |           |
|            | 395187.01 | 3823215.76          | 4.57931  | (19112408) | 395162.52 |
| 3823216.46 |           | 4.58845 (20022708)  |          |            |           |
|            | 395138.03 | 3823217.16          | 4.71510  | (20022708) | 395113.54 |
| 3823217.86 |           | 4.85878 (20022708)  |          |            |           |
|            | 395089.05 | 3823218.56          | 5.14187  | (18020224) | 395064.56 |
| 3823219.27 |           | 5.57138 (18020224)  |          |            |           |
|            | 395040.07 | 3823219.97          | 5.87158  | (18020224) | 395015.58 |
| 3823220.67 |           | 6.09102 (18020224)  |          |            |           |
|            | 394991.09 | 3823221.37          | 6.21468  | (18020224) | 394966.60 |
| 3823222.07 |           | 6.60690 (19102024)  |          |            |           |
|            | 394942.11 | 3823222.77          | 6.91090  | (19102024) | 394917.62 |
| 3823223.47 |           | 7.15012 (19102024)  |          |            |           |
|            | 394893.13 | 3823224.17          | 7.35320  | (19102024) | 394868.64 |
| 3823224.88 |           | 7.47219 (19102024)  |          |            |           |
|            | 394844.16 | 3823225.58          | 7.44886  | (19102024) | 394819.67 |
| 3823226.28 |           | 7.25914 (19102024)  |          |            |           |
|            | 394795.18 | 3823226.98          | 6.92684  | (19102024) | 394770.69 |
| 3823227.68 |           | 6.50722 (19102024)  |          |            |           |
|            | 394746.20 | 3823228.38          | 6.29817  | (18022608) | 394721.71 |
| 3823229.08 |           | 6.22539 (18022608)  |          |            |           |
|            | 394697.22 | 3823229.79          | 6.46994  | (19010308) | 394672.73 |
| 3823230.49 |           | 6.85362 (19010308)  |          |            |           |
|            | 394648.24 | 3823231.19          | 7.15479  | (19010308) | 394623.75 |
| 3823231.89 |           | 7.36118 (19010308)  |          |            |           |
|            | 394599.26 | 3823232.59          | 7.46423  | (19010308) | 394574.77 |
| 3823233.29 |           | 7.45973 (19010308)  |          |            |           |
|            | 394550.28 | 3823233.99          | 7.34803  | (19010308) | 394525.79 |
| 3823234.70 |           | 7.13408 (19010308)  |          |            |           |
|            | 394501.30 | 3823235.40          | 7.54135  | (16092808) | 394476.81 |
| 3823236.10 |           | 8.28169 (16092808)  |          |            |           |
|            | 394452.32 | 3823236.80          | 8.96759  | (16092808) | 394427.83 |
| 3823237.50 |           | 9.57524 (16092808)  |          |            |           |
|            | 394403.34 | 3823238.20          | 10.08264 | (16092808) | 394378.85 |
| 3823238.90 |           | 10.47099 (16092808) |          |            |           |
|            | 394354.36 | 3823239.61          | 10.72586 | (16092808) | 394329.87 |
| 3823240.31 |           | 10.83826 (16092808) |          |            |           |
|            | 394305.38 | 3823241.01          | 10.80507 | (16092808) | 394280.89 |
| 3823241.71 |           | 10.62931 (16092808) |          |            |           |
|            | 394256.40 | 3823242.41          | 10.31990 | (16092808) | 394231.91 |
| 3823243.11 |           | 9.89095 (16092808)  |          |            |           |
|            | 394207.42 | 3823243.81          | 9.36080  | (16092808) | 394182.93 |
| 3823244.52 |           | 8.75077 (16092808)  |          |            |           |
|            | 394158.44 | 3823245.22          | 8.08375  | (16092808) | 394133.95 |
| 3823245.92 |           | 7.38288 (16092808)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

|            | X-COORD (M) | Y-COORD (M) | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC        |         | (YYMMDDHH) |             |
| 3823247.32 | 394109.46   | 3823246.62  | 6.67021 | (16092808) | 394084.97   |
| 3820491.79 | 401464.50   | 3820512.55  | 5.58604 | (16021508) | 401477.70   |
| 3821258.86 | 402570.51   | 3821243.41  | 3.09034 | (17051808) | 402551.38   |
| 3821289.76 | 402532.24   | 3821274.31  | 3.21756 | (19020808) | 402513.10   |
| 3821320.66 | 402493.97   | 3821305.21  | 3.43493 | (19020808) | 402474.83   |
| 3821351.55 | 402455.69   | 3821336.11  | 3.57935 | (19020808) | 402436.56   |
| 3821382.45 | 402417.42   | 3821367.00  | 3.64536 | (19020808) | 402398.29   |
| 3821413.35 | 402379.15   | 3821397.90  | 3.38407 | (19020808) | 402360.01   |
| 3821444.25 | 402340.88   | 3821428.80  | 3.06138 | (19020808) | 402321.74   |
| 3821475.14 | 402302.60   | 3821459.69  | 2.80998 | (19020808) | 402283.47   |
| 3821506.04 | 402264.33   | 3821490.59  | 2.53844 | (19011108) | 402245.19   |
| 3821536.94 | 402226.06   | 3821521.49  | 2.89122 | (19011108) | 402206.92   |
| 3821567.83 | 402187.79   | 3821552.39  | 3.21116 | (19011108) | 402168.65   |
| 3821598.73 | 402149.51   | 3821583.28  | 3.47059 | (19011108) | 402130.38   |
| 3821629.63 | 402111.24   | 3821614.18  | 3.71155 | (19011108) | 402092.10   |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 402072.97  | 3821645.08         | 3.76421 | (19011108) | 402053.83 |
| 3821660.53 | 3.88463 (19011108) |         |            |           |
| 402034.70  | 3821675.97         | 3.92378 | (19011108) | 402015.56 |
| 3821691.42 | 3.79713 (19011108) |         |            |           |
| 401996.42  | 3821706.87         | 3.60639 | (19011108) | 401977.29 |
| 3821722.32 | 3.46079 (19011108) |         |            |           |
| 401958.15  | 3821737.77         | 3.35510 | (19011108) | 401939.01 |
| 3821753.22 | 3.33712 (19011108) |         |            |           |
| 401919.88  | 3821768.67         | 3.25099 | (19011108) | 401900.74 |
| 3821784.12 | 2.96373 (19011108) |         |            |           |
| 401881.60  | 3821799.56         | 2.79550 | (19011108) | 401862.47 |
| 3821815.01 | 2.60750 (19011108) |         |            |           |
| 401843.33  | 3821830.46         | 2.38479 | (19011108) | 401824.20 |
| 3821845.91 | 2.11584 (19011108) |         |            |           |
| 401805.06  | 3821861.36         | 1.90706 | (19011108) | 401785.92 |
| 3821876.81 | 1.73939 (19011108) |         |            |           |
| 401766.79  | 3821892.26         | 1.57015 | (19011108) | 401747.65 |
| 3821907.70 | 1.49273 (19011108) |         |            |           |
| 401728.51  | 3821923.15         | 1.42342 | (19011108) | 401709.38 |
| 3821938.60 | 1.38208 (19011108) |         |            |           |
| 401690.24  | 3821954.05         | 1.33880 | (19011108) | 401671.10 |
| 3821969.50 | 1.31513 (19011108) |         |            |           |
| 401651.97  | 3821984.95         | 1.37583 | (16122024) | 401632.83 |
| 3822000.40 | 1.58518 (16122024) |         |            |           |
| 401613.70  | 3822015.84         | 1.77031 | (16122024) | 401594.56 |
| 3822031.29 | 1.93985 (16122024) |         |            |           |
| 401575.42  | 3822046.74         | 2.01337 | (16122024) | 401556.29 |
| 3822062.19 | 1.90070 (16122024) |         |            |           |
| 401537.15  | 3822077.64         | 1.71402 | (16122024) | 401518.01 |
| 3822093.09 | 1.57233 (16122024) |         |            |           |
| 401498.88  | 3822108.54         | 1.46924 | (16122024) | 401479.74 |
| 3822123.98 | 1.35539 (16122024) |         |            |           |
| 401460.61  | 3822139.43         | 1.35736 | (16020408) | 401441.47 |
| 3822154.88 | 1.40185 (16020408) |         |            |           |
| 401422.33  | 3822170.33         | 1.43038 | (16020408) | 401403.20 |
| 3822185.78 | 1.47407 (16020408) |         |            |           |
| 401384.06  | 3822201.23         | 1.53079 | (16020408) | 401364.92 |
| 3822216.68 | 1.58665 (16020408) |         |            |           |
| 401345.79  | 3822232.13         | 1.60146 | (16020408) | 401326.65 |
| 3822247.57 | 1.54131 (16020408) |         |            |           |
| 401307.51  | 3822263.02         | 1.46283 | (16020408) | 401288.38 |
| 3822278.47 | 1.43058 (19121608) |         |            |           |
| 401269.24  | 3822293.92         | 1.45782 | (19121608) | 401250.11 |
| 3822309.37 | 1.51601 (16022608) |         |            |           |
| 401230.97  | 3822324.82         | 1.60628 | (16022608) | 401211.83 |
| 3822340.27 | 1.72136 (16022608) |         |            |           |
| 401192.70  | 3822355.71         | 1.81365 | (16022608) | 401173.56 |
| 3822371.16 | 1.87369 (16022608) |         |            |           |
| 401154.42  | 3822386.61         | 1.92363 | (16022608) | 401135.29 |
| 3822402.06 | 1.96094 (16022608) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 956

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 401116.15   | 3822417.51         | 1.98644    | (16022608) | 401097.01   |
| 3822432.96  | 1.98910 (16022608) |            |            |             |
| 401077.88   | 3822448.41         | 1.95797    | (16022608) | 401058.74   |
| 3822463.85  | 1.92999 (16022608) |            |            |             |
| 401039.61   | 3822479.30         | 1.88790    | (16022608) | 401020.47   |
| 3822494.75  | 1.81410 (16022608) |            |            |             |
| 401001.33   | 3822510.20         | 1.75085    | (16022608) | 400982.20   |
| 3822525.65  | 1.66818 (16022608) |            |            |             |
| 400963.06   | 3822541.10         | 1.53502    | (16022608) | 400943.92   |
| 3822556.55  | 1.36723 (16022608) |            |            |             |
| 400924.79   | 3822572.00         | 1.25859    | (16022608) | 400905.65   |
| 3822587.44  | 1.21912 (17090408) |            |            |             |
| 400886.52   | 3822602.89         | 1.19877    | (17090408) | 400867.38   |
| 3822618.34  | 1.21299 (17090408) |            |            |             |
| 400848.24   | 3822633.79         | 1.17228    | (17090408) | 400829.11   |
| 3822649.24  | 1.14257 (17090408) |            |            |             |
| 400809.97   | 3822664.69         | 1.13694    | (16031824) | 400790.83   |
| 3822680.14  | 1.15153 (16031824) |            |            |             |
| 400771.70   | 3822695.58         | 1.16589    | (16031824) | 400752.56   |
| 3822711.03  | 1.18286 (16031824) |            |            |             |
| 400733.42   | 3822726.48         | 1.20037    | (16031824) | 400714.29   |
| 3822741.93  | 1.23865 (16122008) |            |            |             |
| 400695.15   | 3822757.38         | 1.30528    | (16122008) | 400676.02   |
| 3822772.83  | 1.33090 (16122008) |            |            |             |
| 400656.88   | 3822788.28         | 1.30846    | (16122008) | 400637.74   |
| 3822803.72  | 1.26281 (16122008) |            |            |             |
| 400618.61   | 3822819.17         | 1.21182    | (16122008) | 400599.47   |
| 3822834.62  | 1.19559 (19021208) |            |            |             |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 400580.33  | 3822850.07         | 1.23850  | (19021208) | 400561.20 |
| 3822865.52 | 1.29597 (19021208) |          |            |           |
| 400542.06  | 3822880.97         | 1.35851  | (19021208) | 400522.92 |
| 3822896.42 | 1.40736 (19021208) |          |            |           |
| 400503.79  | 3822911.86         | 1.43366  | (19021208) | 400484.65 |
| 3822927.31 | 1.45200 (19021208) |          |            |           |
| 400465.52  | 3822942.76         | 1.49930  | (19021208) | 400446.38 |
| 3822958.21 | 1.51953 (19021208) |          |            |           |
| 400427.24  | 3822973.66         | 1.49924  | (19021208) | 400408.11 |
| 3822989.11 | 1.48467 (19021208) |          |            |           |
| 400388.97  | 3823004.56         | 1.44467  | (19021208) | 400369.83 |
| 3823020.01 | 1.33530 (19021208) |          |            |           |
| 400350.70  | 3823035.45         | 1.19125  | (19021208) | 400331.56 |
| 3823050.90 | 1.08605 (19021208) |          |            |           |
| 400312.43  | 3823066.35         | 1.01247  | (17100408) | 400293.29 |
| 3823081.80 | 1.00539 (17100408) |          |            |           |
| 400274.15  | 3823097.25         | 0.99597  | (17100408) | 400255.02 |
| 3823112.70 | 0.97702 (17100408) |          |            |           |
| 400235.88  | 3823128.15         | 0.96544  | (17100408) | 400216.74 |
| 3823143.59 | 0.94980 (17100408) |          |            |           |
| 400197.61  | 3823159.04         | 0.93217  | (17100408) | 400178.47 |
| 3823174.49 | 0.91172 (17100408) |          |            |           |
| 400159.33  | 3823189.94         | 0.91897  | (20082808) | 400140.20 |
| 3823205.39 | 0.91747 (20082808) |          |            |           |
| 400121.06  | 3823220.84         | 0.89990c | (16032008) | 400101.93 |
| 3823236.29 | 0.88240 (20040824) |          |            |           |
| 400082.79  | 3823251.73         | 0.87136  | (20040824) | 400063.65 |
| 3823267.18 | 0.86263 (20040824) |          |            |           |
| 400044.52  | 3823282.63         | 0.85594  | (20040824) | 400025.38 |
| 3823298.08 | 0.84618 (20040824) |          |            |           |
| 400006.24  | 3823313.53         | 0.83606  | (20040824) | 399987.11 |
| 3823328.98 | 0.82377 (20040824) |          |            |           |
| 399967.97  | 3823344.43         | 0.81029  | (20040824) | 399948.83 |
| 3823359.87 | 0.79556 (20040824) |          |            |           |
| 399929.70  | 3823375.32         | 0.78283  | (20040824) | 399910.56 |
| 3823390.77 | 0.76992 (20040824) |          |            |           |
| 399891.43  | 3823406.22         | 0.75880  | (20040824) | 399872.29 |
| 3823421.67 | 0.75866 (16122908) |          |            |           |
| 399853.15  | 3823437.12         | 0.77076  | (16122908) | 399834.02 |
| 3823452.57 | 0.76875 (16122908) |          |            |           |
| 399814.88  | 3823468.02         | 0.77629  | (16122908) | 399795.74 |
| 3823483.46 | 0.79347 (16122908) |          |            |           |
| 399776.61  | 3823498.91         | 0.83398  | (16112524) | 399757.47 |
| 3823514.36 | 0.92733 (16112524) |          |            |           |
| 399738.34  | 3823529.81         | 0.99643  | (16112524) | 399719.20 |
| 3823545.26 | 1.00627 (16112524) |          |            |           |
| 399700.06  | 3823560.71         | 0.97036  | (16112524) | 399680.93 |
| 3823576.16 | 0.95779 (16112524) |          |            |           |
| 399661.79  | 3823591.60         | 0.96226  | (16112524) | 399642.65 |
| 3823607.05 | 0.96983 (16112524) |          |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 399087.70  | 3824055.06          | 0.99312  | (16111008) | 399068.56 |
| 3824070.51 | 0.95442 (16111008)  |          |            |           |
| 399049.43  | 3824085.96          | 0.91458  | (16111008) | 399030.29 |
| 3824101.41 | 0.88462 (16111008)  |          |            |           |
| 399011.15  | 3824116.86          | 0.86307  | (16111008) | 398992.02 |
| 3824132.31 | 0.83980 (16111008)  |          |            |           |
| 398972.88  | 3824147.75          | 0.80897  | (16111008) | 398953.75 |
| 3824163.20 | 0.78224 (16111008)  |          |            |           |
| 398934.61  | 3824178.65          | 0.78505  | (17101908) | 398915.47 |
| 3824194.10 | 0.78597 (17101908)  |          |            |           |
| 398896.34  | 3824209.55          | 0.78929  | (17101908) | 398877.20 |
| 3824225.00 | 0.78885 (17101908)  |          |            |           |
| 398858.06  | 3824240.45          | 0.78909  | (19010324) | 398838.93 |
| 3824255.90 | 0.79181 (19010324)  |          |            |           |
| 398819.79  | 3824271.34          | 0.79862  | (19010324) | 398800.65 |
| 3824286.79 | 0.79449 (19010324)  |          |            |           |
| 398781.52  | 3824302.24          | 0.78463  | (19010324) | 398762.38 |
| 3824317.69 | 0.77648 (19010324)  |          |            |           |
| 398743.25  | 3824333.14          | 0.77581  | (17072108) | 398724.11 |
| 3824348.59 | 0.78654 (17072108)  |          |            |           |
| 398704.97  | 3824364.04          | 0.79379  | (17072108) | 398661.25 |
| 3824380.19 | 0.81153 (17072108)  |          |            |           |
| 398636.67  | 3824380.89          | 0.82253  | (17072108) | 398612.09 |
| 3824381.60 | 0.83191 (17072108)  |          |            |           |
| 398587.50  | 3824382.30          | 0.84456  | (17072108) | 398562.92 |
| 3824383.00 | 0.85107 (17072108)  |          |            |           |
| 398538.33  | 3824383.71          | 0.85532  | (17072108) | 398513.75 |
| 3824384.41 | 0.85641 (17072108)  |          |            |           |
| 398489.17  | 3824385.12          | 0.85457  | (17072108) | 398464.58 |
| 3824385.82 | 0.85047 (17072108)  |          |            |           |
| 398440.00  | 3824386.53          | 0.84632  | (17072108) | 398415.42 |
| 3824387.23 | 0.84703 (17072108)  |          |            |           |
| 398390.83  | 3824387.93          | 0.84280  | (17072108) | 398366.25 |
| 3824388.64 | 0.83119 (17072108)  |          |            |           |
| 398341.66  | 3824389.34          | 0.83244c | (19070608) | 398317.08 |
| 3824390.05 | 0.83714c (19070608) |          |            |           |
| 398292.50  | 3824390.75          | 0.84088c | (19070608) | 398267.91 |
| 3824391.45 | 0.84791 (19062408)  |          |            |           |
| 398243.33  | 3824392.16          | 0.85965  | (19062408) | 398218.74 |
| 3824392.86 | 0.86961 (19062408)  |          |            |           |
| 398194.16  | 3824393.57          | 0.87831  | (19062408) | 398169.58 |
| 3824394.27 | 0.88505 (19062408)  |          |            |           |
| 398144.99  | 3824394.97          | 0.89132  | (19062408) | 398120.41 |
| 3824395.68 | 0.89782 (19062408)  |          |            |           |
| 398095.83  | 3824396.38          | 0.90284  | (19062408) | 398071.24 |
| 3824397.09 | 0.90679 (19062408)  |          |            |           |
| 398046.66  | 3824397.79          | 0.90925  | (19062408) | 398022.07 |
| 3824398.50 | 0.92357 (17091808)  |          |            |           |
| 397997.49  | 3824399.20          | 0.96988  | (17091808) | 397972.91 |
| 3824399.90 | 1.01085 (17091808)  |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 397849.99   | 3824403.42         | 1.09699    | (17091808) | 397825.40   |
| 3824404.13  | 1.11190 (17091808) |            |            |             |
| 397800.82   | 3824404.83         | 1.11239    | (17091808) | 397776.24   |
| 3824405.54  | 1.11140 (17091808) |            |            |             |
| 397751.65   | 3824406.24         | 1.11797    | (17091808) | 397727.07   |
| 3824406.94  | 1.12459 (17091808) |            |            |             |
| 397702.48   | 3824407.65         | 1.12749    | (17091808) | 397677.90   |
| 3824408.35  | 1.11214 (17091808) |            |            |             |
| 397653.32   | 3824409.06         | 1.13005    | (18110308) | 397628.73   |
| 3824409.76  | 1.18469 (18110308) |            |            |             |
| 397604.15   | 3824410.47         | 1.20039    | (18110308) | 397579.57   |
| 3824411.17  | 1.19253 (18110308) |            |            |             |
| 397554.98   | 3824411.87         | 1.19249    | (18110308) | 397530.40   |
| 3824412.58  | 1.19129 (18110308) |            |            |             |
| 397505.81   | 3824413.28         | 1.18846    | (18110308) | 397481.23   |
| 3824413.99  | 1.18801 (18110308) |            |            |             |
| 397456.65   | 3824414.69         | 1.18958    | (18110308) | 397432.06   |
| 3824415.39  | 1.19463 (18110308) |            |            |             |
| 397407.48   | 3824416.10         | 1.20319    | (18110308) | 397382.90   |
| 3824416.80  | 1.20849 (18110308) |            |            |             |
| 397358.31   | 3824417.51         | 1.20687    | (18110308) | 397333.73   |
| 3824418.21  | 1.20006 (18110308) |            |            |             |
| 397309.14   | 3824418.91         | 1.19327    | (17100108) | 397284.56   |
| 3824419.62  | 1.18116 (17100108) |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 397259.98  | 3824420.32         | 1.16717 | (17100108) | 397235.39 |
| 3824421.03 | 1.15150 (17100108) |         |            |           |
| 397210.81  | 3824421.73         | 1.13968 | (17100108) | 397186.22 |
| 3824422.44 | 1.14159 (17100108) |         |            |           |
| 397161.64  | 3824423.14         | 1.13479 | (18110308) | 397137.06 |
| 3824423.84 | 1.14902 (19060308) |         |            |           |
| 397112.47  | 3824424.55         | 1.16869 | (19060308) | 397087.89 |
| 3824425.25 | 1.18368 (19060308) |         |            |           |
| 397063.31  | 3824425.96         | 1.19412 | (19060308) | 397038.72 |
| 3824426.66 | 1.20136 (19060308) |         |            |           |
| 397014.14  | 3824427.36         | 1.21613 | (17043008) | 396989.55 |
| 3824428.07 | 1.23691 (17043008) |         |            |           |
| 396964.97  | 3824428.77         | 1.25383 | (17043008) | 396940.39 |
| 3824429.48 | 1.26715 (17043008) |         |            |           |
| 396915.80  | 3824430.18         | 1.27550 | (17043008) | 396891.22 |
| 3824430.88 | 1.27602 (17043008) |         |            |           |
| 396866.64  | 3824431.59         | 1.26548 | (17043008) | 396842.05 |
| 3824432.29 | 1.24516 (17043008) |         |            |           |
| 396817.47  | 3824433.00         | 1.21810 | (17043008) | 396792.88 |
| 3824433.70 | 1.18608 (17043008) |         |            |           |
| 396768.30  | 3824434.41         | 1.14661 | (17043008) | 396743.72 |
| 3824435.11 | 1.09970 (17043008) |         |            |           |
| 396719.13  | 3824435.81         | 1.05445 | (17043008) | 396694.55 |
| 3824436.52 | 1.01905 (19110908) |         |            |           |
| 396669.96  | 3824437.22         | 1.03427 | (19110908) | 396645.38 |
| 3824437.93 | 1.04821 (19110908) |         |            |           |
| 396620.80  | 3824438.63         | 1.06247 | (20090608) | 396596.21 |
| 3824439.33 | 1.08460 (20090608) |         |            |           |
| 396571.63  | 3824440.04         | 1.10935 | (20090608) | 396547.05 |
| 3824440.74 | 1.13422 (20090608) |         |            |           |
| 396522.46  | 3824441.45         | 1.14675 | (20090608) | 396497.88 |
| 3824442.15 | 1.17506 (17111508) |         |            |           |
| 396473.29  | 3824442.85         | 1.20773 | (17111508) | 396448.71 |
| 3824443.56 | 1.22235 (17111508) |         |            |           |
| 396424.13  | 3824444.26         | 1.22556 | (17111508) | 396399.54 |
| 3824444.97 | 1.22546 (17111508) |         |            |           |
| 396374.96  | 3824445.67         | 1.25949 | (20102808) | 396350.38 |
| 3824446.38 | 1.30925 (20102808) |         |            |           |
| 396325.79  | 3824447.08         | 1.35209 | (20102808) | 396301.21 |
| 3824447.78 | 1.38675 (20102808) |         |            |           |
| 396276.62  | 3824448.49         | 1.41970 | (20102808) | 396252.04 |
| 3824449.19 | 1.44352 (20102808) |         |            |           |
| 396227.46  | 3824449.90         | 1.46271 | (20102808) | 396202.87 |
| 3824450.60 | 1.48413 (20102808) |         |            |           |
| 396178.29  | 3824451.30         | 1.50712 | (20102808) | 396153.70 |
| 3824452.01 | 1.55351 (20102808) |         |            |           |
| 396129.12  | 3824452.71         | 1.61232 | (20102808) | 396104.54 |
| 3824453.42 | 1.63381 (20102808) |         |            |           |
| 396079.95  | 3824454.12         | 1.61838 | (20102808) | 396055.37 |
| 3824454.82 | 1.57988 (20102808) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396030.79  | 3824455.53 | 1.56458    | (20102808) | 396006.20 |
| 3824456.23 | 1.56393    | (20102808) |            |           |
| 395981.62  | 3824456.94 | 1.55935    | (20102808) | 395957.03 |
| 3824457.64 | 1.57281    | (19102108) |            |           |
| 395932.45  | 3824458.35 | 1.59866    | (19102108) | 395907.87 |
| 3824459.05 | 1.61739    | (19102108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 959

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395883.28   | 3824459.75  | 1.62648    | (19102108) | 395858.70   |
| 3824460.46  | 1.63225     | (19102108) |            |             |
| 395834.12   | 3824461.16  | 1.63950    | (19102108) | 395809.53   |
| 3824461.87  | 1.63290     | (19102108) |            |             |
| 395784.95   | 3824462.57  | 1.62001    | (19102108) | 395760.36   |
| 3824463.27  | 1.60224     | (19102108) |            |             |
| 395735.78   | 3824463.98  | 1.57902    | (19102108) | 395711.20   |
| 3824464.68  | 1.54948     | (19102108) |            |             |
| 395686.61   | 3824465.39  | 1.51432    | (19102108) | 395662.03   |
| 3824466.09  | 1.47447     | (19102108) |            |             |
| 395637.45   | 3824466.79  | 1.42984    | (19102108) | 395612.86   |
| 3824467.50  | 1.38026     | (19102108) |            |             |
| 395588.28   | 3824468.20  | 1.37714    | (20011408) | 395563.69   |
| 3824468.91  | 1.37531     | (20011408) |            |             |
| 395539.11   | 3824469.61  | 1.37308    | (20011408) | 395514.53   |
| 3824470.32  | 1.37000     | (20011408) |            |             |
| 395489.94   | 3824471.02  | 1.35457    | (20011408) | 395465.36   |
| 3824471.72  | 1.33001     | (20011408) |            |             |
| 395440.77   | 3824472.43  | 1.30034    | (20011408) | 395416.19   |
| 3824473.13  | 1.27235     | (19092508) |            |             |
| 395391.61   | 3824473.84  | 1.29150    | (19092508) | 395367.02   |
| 3824474.54  | 1.30624     | (19092508) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 395342.44  | 3824475.24         | 1.31706 | (19092508) | 395317.86 |
| 3824475.95 | 1.32703 (19092508) |         |            |           |
| 395293.27  | 3824476.65         | 1.33952 | (19092508) | 395268.69 |
| 3824477.36 | 1.34330 (19092508) |         |            |           |
| 395244.10  | 3824478.06         | 1.34498 | (19092508) | 395219.52 |
| 3824478.76 | 1.35306 (16081208) |         |            |           |
| 395194.94  | 3824479.47         | 1.36527 | (16081208) | 395170.35 |
| 3824480.17 | 1.37658 (16081208) |         |            |           |
| 395145.77  | 3824480.88         | 1.38254 | (16081208) | 395121.19 |
| 3824481.58 | 1.38701 (16081208) |         |            |           |
| 395096.60  | 3824482.29         | 1.39208 | (20060208) | 395072.02 |
| 3824482.99 | 1.42143 (20060208) |         |            |           |
| 395047.43  | 3824483.69         | 1.44847 | (20060208) | 395022.85 |
| 3824484.40 | 1.47284 (20060208) |         |            |           |
| 394998.27  | 3824485.10         | 1.49357 | (20060208) | 394973.68 |
| 3824485.81 | 1.50781 (20060208) |         |            |           |
| 394949.10  | 3824486.51         | 1.51550 | (20060208) | 394924.51 |
| 3824487.21 | 1.61626 (18022608) |         |            |           |
| 394899.93  | 3824487.92         | 1.72077 | (18022608) | 394875.35 |
| 3824488.62 | 1.80908 (18022608) |         |            |           |
| 394850.76  | 3824489.33         | 1.87674 | (18022608) | 394826.18 |
| 3824490.03 | 1.93244 (18022608) |         |            |           |
| 394801.60  | 3824490.73         | 1.99055 | (18022608) | 394777.01 |
| 3824491.44 | 2.05433 (18022608) |         |            |           |
| 394752.43  | 3824492.14         | 2.11552 | (18022608) | 394727.84 |
| 3824492.85 | 2.16505 (18022608) |         |            |           |
| 394703.26  | 3824493.55         | 2.19175 | (18022608) | 394678.68 |
| 3824494.26 | 2.19872 (18022608) |         |            |           |
| 394654.09  | 3824494.96         | 2.19610 | (18022608) | 394629.51 |
| 3824495.66 | 2.17494 (18022608) |         |            |           |
| 394604.93  | 3824496.37         | 2.21585 | (19010308) | 394580.34 |
| 3824497.07 | 2.33767 (19010308) |         |            |           |
| 394555.76  | 3824497.78         | 2.44378 | (19010308) | 394531.17 |
| 3824498.48 | 2.53641 (19010308) |         |            |           |
| 394506.59  | 3824499.18         | 2.53790 | (19010308) | 394482.01 |
| 3824499.89 | 2.49012 (19010308) |         |            |           |
| 394457.42  | 3824500.59         | 2.53322 | (19010308) | 394432.84 |
| 3824501.30 | 2.49598 (19010308) |         |            |           |
| 394408.25  | 3824502.00         | 2.59335 | (16092808) | 394383.67 |
| 3824502.70 | 2.82955 (16092808) |         |            |           |
| 394359.09  | 3824503.41         | 3.05170 | (16092808) | 394334.50 |
| 3824504.11 | 3.24674 (16092808) |         |            |           |
| 394309.92  | 3824504.82         | 3.26843 | (16092808) | 394285.34 |
| 3824505.52 | 3.31778 (16092808) |         |            |           |
| 394260.75  | 3824506.23         | 3.40661 | (16092808) | 394236.17 |
| 3824506.93 | 3.48242 (16092808) |         |            |           |
| 394211.58  | 3824507.63         | 3.54508 | (16092808) | 394187.00 |
| 3824508.34 | 3.64507 (16092808) |         |            |           |
| 394162.42  | 3824509.04         | 3.69198 | (16092808) | 394137.83 |
| 3824509.75 | 3.66663 (16092808) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394113.25  | 3824510.45 | 3.60255    | (16092808) | 394088.67 |
| 3824511.15 | 3.49386    | (16092808) |            |           |
| 394064.08  | 3824511.86 | 3.35529    | (16092808) | 394039.50 |
| 3824512.56 | 3.19880    | (16092808) |            |           |
| 394014.91  | 3824513.27 | 3.02489    | (16092808) | 393990.33 |
| 3824513.97 | 2.83920    | (16092808) |            |           |
| 393965.75  | 3824514.67 | 2.65016    | (16092808) | 393941.16 |
| 3824515.38 | 2.46016    | (16092808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 960

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 393916.58   | 3824516.08  | 2.49640    | (19121308) | 393891.99   |
| 3824516.79  | 2.61490     | (19121308) |            |             |
| 393867.41   | 3824517.49  | 2.71630    | (19121308) | 393842.83   |
| 3824518.20  | 2.80394     | (19121308) |            |             |
| 393818.24   | 3824518.90  | 2.96654    | (19092024) | 393793.66   |
| 3824519.60  | 3.15250     | (19092024) |            |             |
| 393769.08   | 3824520.31  | 3.31801    | (19092024) | 393744.49   |
| 3824521.01  | 3.47445     | (19092024) |            |             |
| 393719.91   | 3824521.72  | 3.58536    | (19092024) | 393695.32   |
| 3824522.42  | 3.49686     | (19092024) |            |             |
| 402589.65   | 3821227.96  | 3.07691    | (17051808) | 402602.85   |
| 3821207.20  | 3.13342     | (16021508) |            |             |
| 403695.69   | 3821958.80  | 1.16307    | (17111224) | 403676.58   |
| 3821974.23  | 1.15976     | (17111224) |            |             |
| 403657.47   | 3821989.66  | 1.13453    | (17111224) | 403638.37   |
| 3822005.08  | 1.10026     | (17111224) |            |             |
| 403619.26   | 3822020.51  | 1.05935    | (17111224) | 403600.15   |
| 3822035.93  | 1.01954     | (17111224) |            |             |
| 403581.04   | 3822051.36  | 0.99968    | (17111224) | 403561.93   |
| 3822066.79  | 1.07955     | (19020808) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403542.82  | 3822082.21         | 1.09461 | (19020808) | 403523.72 |
| 3822097.64 | 1.08494 (19020808) |         |            |           |
| 403504.61  | 3822113.06         | 1.08145 | (19020808) | 403485.50 |
| 3822128.49 | 1.10427 (19020808) |         |            |           |
| 403466.39  | 3822143.92         | 1.13076 | (19020808) | 403447.28 |
| 3822159.34 | 1.16619 (19020808) |         |            |           |
| 403428.17  | 3822174.77         | 1.19949 | (19020808) | 403409.07 |
| 3822190.19 | 1.17947 (19020808) |         |            |           |
| 403389.96  | 3822205.62         | 1.13805 | (19020808) | 403370.85 |
| 3822221.05 | 1.07865 (19020808) |         |            |           |
| 403351.74  | 3822236.47         | 1.14353 | (19011108) | 403332.63 |
| 3822251.90 | 1.22223 (19011108) |         |            |           |
| 403313.52  | 3822267.32         | 1.30631 | (19011108) | 403294.42 |
| 3822282.75 | 1.38269 (19011108) |         |            |           |
| 403275.31  | 3822298.18         | 1.45002 | (19011108) | 403256.20 |
| 3822313.60 | 1.52269 (19011108) |         |            |           |
| 403237.09  | 3822329.03         | 1.57403 | (19011108) | 403217.98 |
| 3822344.45 | 1.60784 (19011108) |         |            |           |
| 403198.87  | 3822359.88         | 1.63074 | (19011108) | 403179.77 |
| 3822375.31 | 1.64186 (19011108) |         |            |           |
| 403160.66  | 3822390.73         | 1.64533 | (19011108) | 403141.55 |
| 3822406.16 | 1.64689 (19011108) |         |            |           |
| 403122.44  | 3822421.58         | 1.64985 | (19011108) | 403103.33 |
| 3822437.01 | 1.65674 (19011108) |         |            |           |
| 403084.23  | 3822452.44         | 1.65392 | (19011108) | 403065.12 |
| 3822467.86 | 1.63477 (19011108) |         |            |           |
| 403046.01  | 3822483.29         | 1.60341 | (19011108) | 403026.90 |
| 3822498.71 | 1.57282 (19011108) |         |            |           |
| 403007.79  | 3822514.14         | 1.54410 | (19011108) | 402988.68 |
| 3822529.57 | 1.51665 (19011108) |         |            |           |
| 402969.58  | 3822544.99         | 1.49383 | (19011108) | 402950.47 |
| 3822560.42 | 1.47873 (19011108) |         |            |           |
| 402931.36  | 3822575.84         | 1.42599 | (19011108) | 402912.25 |
| 3822591.27 | 1.36234 (19011108) |         |            |           |
| 402893.14  | 3822606.69         | 1.29306 | (19011108) | 402874.03 |
| 3822622.12 | 1.22529 (19011108) |         |            |           |
| 402854.93  | 3822637.55         | 1.16335 | (19011108) | 402835.82 |
| 3822652.97 | 1.11090 (19011108) |         |            |           |
| 402816.71  | 3822668.40         | 1.04976 | (19011108) | 402797.60 |
| 3822683.82 | 0.97535 (19011108) |         |            |           |
| 402778.49  | 3822699.25         | 0.89525 | (19011108) | 402759.38 |
| 3822714.68 | 0.83230 (19011108) |         |            |           |
| 402740.28  | 3822730.10         | 0.77678 | (19011108) | 402721.17 |
| 3822745.53 | 0.72311 (19011108) |         |            |           |
| 402702.06  | 3822760.95         | 0.67351 | (19011108) | 402682.95 |
| 3822776.38 | 0.62854 (19011108) |         |            |           |
| 402663.84  | 3822791.81         | 0.59893 | (17020424) | 402644.73 |
| 3822807.23 | 0.60052 (17020424) |         |            |           |
| 402625.63  | 3822822.66         | 0.60381 | (17020424) | 402606.52 |
| 3822838.08 | 0.60885 (16031224) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 402052.38  | 3823285.44         | 0.64030 | (17110924) | 402033.27 |
| 3823300.86 | 0.64898 (17110924) |         |            |           |
| 402014.16  | 3823316.29         | 0.65499 | (17110924) | 401995.05 |
| 3823331.72 | 0.65912 (17110924) |         |            |           |
| 401975.94  | 3823347.14         | 0.66182 | (17110924) | 401956.84 |
| 3823362.57 | 0.66198 (17110924) |         |            |           |
| 401937.73  | 3823377.99         | 0.66009 | (17110924) | 401918.62 |
| 3823393.42 | 0.65690 (17110924) |         |            |           |
| 401899.51  | 3823408.85         | 0.65293 | (17110924) | 401880.40 |
| 3823424.27 | 0.64758 (17110924) |         |            |           |
| 401861.30  | 3823439.70         | 0.64099 | (17110924) | 401842.19 |
| 3823455.12 | 0.63398 (17110924) |         |            |           |
| 401823.08  | 3823470.55         | 0.63267 | (17110924) | 401803.97 |
| 3823485.98 | 0.62806 (17110924) |         |            |           |
| 401784.86  | 3823501.40         | 0.61828 | (16031824) | 401765.75 |
| 3823516.83 | 0.62427 (16031824) |         |            |           |
| 401746.65  | 3823532.25         | 0.63287 | (16031824) | 401727.54 |
| 3823547.68 | 0.64060 (16031824) |         |            |           |
| 401708.43  | 3823563.11         | 0.64529 | (16031824) | 401689.32 |
| 3823578.53 | 0.64579 (16031824) |         |            |           |
| 401670.21  | 3823593.96         | 0.65165 | (16031824) | 401651.10 |
| 3823609.38 | 0.65424 (16031824) |         |            |           |
| 401632.00  | 3823624.81         | 0.65563 | (16031824) | 401612.89 |
| 3823640.24 | 0.65668 (16031824) |         |            |           |
| 401593.78  | 3823655.66         | 0.65674 | (16031824) | 401574.67 |
| 3823671.09 | 0.65683 (16031824) |         |            |           |
| 401555.56  | 3823686.51         | 0.65277 | (16031824) | 401536.45 |
| 3823701.94 | 0.64923 (16031824) |         |            |           |
| 401517.35  | 3823717.37         | 0.64249 | (16031824) | 401498.24 |
| 3823732.79 | 0.63316 (16031824) |         |            |           |
| 401479.13  | 3823748.22         | 0.62225 | (16031824) | 401460.02 |
| 3823763.64 | 0.60734 (16031824) |         |            |           |
| 401440.91  | 3823779.07         | 0.59053 | (16031824) | 401421.80 |
| 3823794.50 | 0.57057 (16031824) |         |            |           |
| 401402.70  | 3823809.92         | 0.55026 | (16031824) | 401383.59 |
| 3823825.35 | 0.52628 (16031824) |         |            |           |
| 401364.48  | 3823840.77         | 0.52120 | (16011924) | 401345.37 |
| 3823856.20 | 0.52310 (16011924) |         |            |           |
| 401326.26  | 3823871.63         | 0.52417 | (16011924) | 401307.15 |
| 3823887.05 | 0.52530 (16011924) |         |            |           |
| 401288.05  | 3823902.48         | 0.52527 | (16011924) | 401268.94 |
| 3823917.90 | 0.52538 (16011924) |         |            |           |
| 401249.83  | 3823933.33         | 0.52482 | (16011924) | 401230.72 |
| 3823948.76 | 0.52374 (16011924) |         |            |           |
| 401211.61  | 3823964.18         | 0.52107 | (16011924) | 401192.51 |
| 3823979.61 | 0.51832 (17100408) |         |            |           |
| 401173.40  | 3823995.03         | 0.53249 | (17100408) | 401154.29 |
| 3824010.46 | 0.54732 (17100408) |         |            |           |
| 401135.18  | 3824025.89         | 0.55902 | (17100408) | 401116.07 |
| 3824041.31 | 0.56771 (17100408) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 401096.96  | 3824056.74         | 0.57619 | (17100408) | 401077.86 |
| 3824072.16 | 0.58475 (17100408) |         |            |           |
| 401058.75  | 3824087.59         | 0.59008 | (17100408) | 401039.64 |
| 3824103.02 | 0.58972 (17100408) |         |            |           |
| 401020.53  | 3824118.44         | 0.58780 | (17100408) | 401001.42 |
| 3824133.87 | 0.59084 (20040824) |         |            |           |
| 400982.31  | 3824149.29         | 0.59767 | (20040824) | 400963.21 |
| 3824164.72 | 0.60652 (20040824) |         |            |           |
| 400944.10  | 3824180.15         | 0.61633 | (20040824) | 400924.99 |
| 3824195.57 | 0.62354 (20040824) |         |            |           |
| 400905.88  | 3824211.00         | 0.62968 | (20040824) | 400886.77 |
| 3824226.42 | 0.63664 (20040824) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 962

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 400867.66   | 3824241.85         | 0.64227    | (20040824) | 400848.56   |
| 3824257.27  | 0.64522 (20040824) |            |            |             |
| 400829.45   | 3824272.70         | 0.64794    | (20040824) | 400810.34   |
| 3824288.13  | 0.65066 (20040824) |            |            |             |
| 400791.23   | 3824303.55         | 0.65165    | (20040824) | 400772.12   |
| 3824318.98  | 0.65004 (20040824) |            |            |             |
| 400753.01   | 3824334.40         | 0.64837    | (20040824) | 400733.91   |
| 3824349.83  | 0.64337 (20040824) |            |            |             |
| 400714.80   | 3824365.26         | 0.63723    | (20040824) | 400695.69   |
| 3824380.68  | 0.62932 (20040824) |            |            |             |
| 400676.58   | 3824396.11         | 0.62030    | (20040824) | 400657.47   |
| 3824411.53  | 0.60973 (20040824) |            |            |             |
| 400638.36   | 3824426.96         | 0.59372    | (20040824) | 400619.26   |
| 3824442.39  | 0.58268 (20040824) |            |            |             |
| 400600.15   | 3824457.81         | 0.57935    | (20040824) | 400581.04   |
| 3824473.24  | 0.56887 (20040824) |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 400561.93  | 3824488.66         | 0.55679 | (20040824) | 400542.82 |
| 3824504.09 | 0.54342 (20040824) |         |            |           |
| 400523.72  | 3824519.52         | 0.52901 | (20040824) | 400504.61 |
| 3824534.94 | 0.53142 (16112524) |         |            |           |
| 400485.50  | 3824550.37         | 0.54284 | (16112524) | 400466.39 |
| 3824565.79 | 0.55452 (16112524) |         |            |           |
| 400447.28  | 3824581.22         | 0.56487 | (16112524) | 400428.17 |
| 3824596.65 | 0.57365 (16112524) |         |            |           |
| 400409.07  | 3824612.07         | 0.57966 | (16112524) | 400389.96 |
| 3824627.50 | 0.58472 (16112524) |         |            |           |
| 400370.85  | 3824642.92         | 0.59023 | (16112524) | 400351.74 |
| 3824658.35 | 0.59459 (16112524) |         |            |           |
| 400332.63  | 3824673.78         | 0.59523 | (16112524) | 400313.52 |
| 3824689.20 | 0.59483 (16112524) |         |            |           |
| 400294.42  | 3824704.63         | 0.59311 | (16112524) | 400275.31 |
| 3824720.05 | 0.58915 (16112524) |         |            |           |
| 400256.20  | 3824735.48         | 0.58458 | (16112524) | 400237.09 |
| 3824750.91 | 0.57571 (16112524) |         |            |           |
| 400217.98  | 3824766.33         | 0.57111 | (16101308) | 400198.87 |
| 3824781.76 | 0.57934 (16101308) |         |            |           |
| 400179.77  | 3824797.18         | 0.59006 | (16101308) | 400160.66 |
| 3824812.61 | 0.59971 (16101308) |         |            |           |
| 400141.55  | 3824828.04         | 0.60810 | (16101308) | 400122.44 |
| 3824843.46 | 0.61696 (16101308) |         |            |           |
| 400103.33  | 3824858.89         | 0.62569 | (16101308) | 400084.22 |
| 3824874.31 | 0.63059 (16101308) |         |            |           |
| 400065.12  | 3824889.74         | 0.63187 | (16101308) | 400046.01 |
| 3824905.17 | 0.63456 (16101308) |         |            |           |
| 400026.90  | 3824920.59         | 0.63294 | (16101308) | 400007.79 |
| 3824936.02 | 0.62928 (16101308) |         |            |           |
| 399988.68  | 3824951.44         | 0.62454 | (16101308) | 399969.57 |
| 3824966.87 | 0.61716 (16101308) |         |            |           |
| 399950.47  | 3824982.30         | 0.60848 | (16101308) | 399931.36 |
| 3824997.72 | 0.60005 (16101308) |         |            |           |
| 399912.25  | 3825013.15         | 0.60955 | (16111008) | 399893.14 |
| 3825028.57 | 0.61717 (16111008) |         |            |           |
| 399874.03  | 3825044.00         | 0.61926 | (16111008) | 399854.93 |
| 3825059.43 | 0.62190 (16111008) |         |            |           |
| 399835.82  | 3825074.85         | 0.62575 | (16111008) | 399816.71 |
| 3825090.28 | 0.62721 (16111008) |         |            |           |
| 399797.60  | 3825105.70         | 0.62367 | (16111008) | 399778.49 |
| 3825121.13 | 0.62063 (16111008) |         |            |           |
| 399759.38  | 3825136.56         | 0.61812 | (16111008) | 399740.28 |
| 3825151.98 | 0.61655 (16111008) |         |            |           |
| 399721.17  | 3825167.41         | 0.60994 | (16111008) | 399702.06 |
| 3825182.83 | 0.60017 (16111008) |         |            |           |
| 399682.95  | 3825198.26         | 0.59134 | (16111008) | 399663.84 |
| 3825213.69 | 0.58519 (16111008) |         |            |           |
| 399644.73  | 3825229.11         | 0.57662 | (16111008) | 399625.63 |
| 3825244.54 | 0.56654 (16111008) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399606.52  | 3825259.96         | 0.55363 | (16111008) | 399587.41 |
| 3825275.39 | 0.53883 (18052208) |         |            |           |
| 399568.30  | 3825290.82         | 0.54109 | (17101908) | 399549.19 |
| 3825306.24 | 0.54648 (17101908) |         |            |           |
| 399530.08  | 3825321.67         | 0.54992 | (17101908) | 399510.98 |
| 3825337.09 | 0.55244 (17101908) |         |            |           |
| 399491.87  | 3825352.52         | 0.55660 | (17101908) | 399472.76 |
| 3825367.95 | 0.55816 (17101908) |         |            |           |
| 399453.65  | 3825383.37         | 0.55566 | (17101908) | 399434.54 |
| 3825398.80 | 0.55192 (17101908) |         |            |           |
| 399415.43  | 3825414.22         | 0.54766 | (17101908) | 399396.33 |
| 3825429.65 | 0.54402 (18081708) |         |            |           |
| 399377.22  | 3825445.08         | 0.55005 | (18081708) | 399358.11 |
| 3825460.50 | 0.55721 (17072108) |         |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 963

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 399339.00   | 3825475.93         | 0.56477    | (17072108) | 399319.89   |
| 3825491.35  | 0.57356 (17072108) |            |            |             |
| 399300.79   | 3825506.78         | 0.57974    | (17072108) | 399281.68   |
| 3825522.21  | 0.58328 (17072108) |            |            |             |
| 399262.57   | 3825537.63         | 0.58783    | (17072108) | 399243.46   |
| 3825553.06  | 0.59455 (17072108) |            |            |             |
| 399224.35   | 3825568.48         | 0.59940    | (17072108) | 399205.24   |
| 3825583.91  | 0.60178 (17072108) |            |            |             |
| 399186.14   | 3825599.34         | 0.60249    | (17072108) | 399167.03   |
| 3825614.76  | 0.60599 (17072108) |            |            |             |
| 399123.37   | 3825630.89         | 0.61191    | (17072108) | 399098.82   |
| 3825631.59  | 0.61624 (17072108) |            |            |             |
| 399074.28   | 3825632.30         | 0.61787    | (17072108) | 399049.73   |
| 3825633.00  | 0.61661 (17072108) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399025.18  | 3825633.70 | 0.61489    | (17072108) | 399000.63 |
| 3825634.41 | 0.61156    | (17072108) |            |           |
| 398976.08  | 3825635.11 | 0.60355c   | (19070608) | 398951.54 |
| 3825635.81 | 0.60645c   | (19070608) |            |           |
| 398926.99  | 3825636.52 | 0.61738    | (19062408) | 398902.44 |
| 3825637.22 | 0.62839    | (19062408) |            |           |
| 398877.89  | 3825637.92 | 0.63930    | (19062408) | 398853.35 |
| 3825638.62 | 0.64874    | (19062408) |            |           |
| 398828.80  | 3825639.33 | 0.65708    | (19062408) | 398804.25 |
| 3825640.03 | 0.66428    | (19062408) |            |           |
| 398779.70  | 3825640.73 | 0.67122    | (19062408) | 398755.15 |
| 3825641.44 | 0.67884    | (19062408) |            |           |
| 398730.61  | 3825642.14 | 0.68519    | (19062408) | 398706.06 |
| 3825642.84 | 0.68992    | (19062408) |            |           |
| 398681.51  | 3825643.55 | 0.69426    | (19062408) | 398656.96 |
| 3825644.25 | 0.69907    | (19062408) |            |           |
| 398632.42  | 3825644.95 | 0.70364    | (19062408) | 398607.87 |
| 3825645.66 | 0.70695    | (19062408) |            |           |
| 398583.32  | 3825646.36 | 0.70928    | (19062408) | 398558.77 |
| 3825647.06 | 0.71079    | (19062408) |            |           |
| 398534.22  | 3825647.76 | 0.71135    | (19062408) | 398509.68 |
| 3825648.47 | 0.71101    | (19062408) |            |           |
| 398485.13  | 3825649.17 | 0.70992    | (19062408) | 398460.58 |
| 3825649.87 | 0.70831    | (19062408) |            |           |
| 398436.03  | 3825650.58 | 0.70635    | (19062408) | 398411.49 |
| 3825651.28 | 0.70390    | (19062408) |            |           |
| 398386.94  | 3825651.98 | 0.70092    | (19062408) | 398362.39 |
| 3825652.69 | 0.71304    | (17091808) |            |           |
| 398337.84  | 3825653.39 | 0.72511    | (17091808) | 398313.29 |
| 3825654.09 | 0.73219    | (17091808) |            |           |
| 398288.75  | 3825654.80 | 0.73495    | (17091808) | 398264.20 |
| 3825655.50 | 0.73618    | (17091808) |            |           |
| 398239.65  | 3825656.20 | 0.73649    | (17091808) | 398215.10 |
| 3825656.90 | 0.73528    | (17091808) |            |           |
| 398190.56  | 3825657.61 | 0.73300    | (17091808) | 398166.01 |
| 3825658.31 | 0.72949    | (17091808) |            |           |
| 398141.46  | 3825659.01 | 0.72504    | (17091808) | 398116.91 |
| 3825659.72 | 0.71892    | (17091808) |            |           |
| 398092.36  | 3825660.42 | 0.71129    | (17091808) | 398067.82 |
| 3825661.12 | 0.71349    | (18110308) |            |           |
| 398043.27  | 3825661.83 | 0.72001    | (18110308) | 398018.72 |
| 3825662.53 | 0.72650    | (18110308) |            |           |
| 397994.17  | 3825663.23 | 0.73286    | (18110308) | 397969.63 |
| 3825663.94 | 0.73831    | (18110308) |            |           |
| 397945.08  | 3825664.64 | 0.74276    | (18110308) | 397920.53 |
| 3825665.34 | 0.74568    | (18110308) |            |           |
| 397895.98  | 3825666.04 | 0.74675    | (18110308) | 397871.43 |
| 3825666.75 | 0.74581    | (18110308) |            |           |
| 397846.89  | 3825667.45 | 0.74213    | (18110308) | 397822.34 |
| 3825668.15 | 0.74096    | (20101808) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 397797.79  | 3825668.86         | 0.75291 | (20101808) | 397773.24 |
| 3825669.56 | 0.76271 (20101808) |         |            |           |
| 397748.70  | 3825670.26         | 0.76773 | (20101808) | 397724.15 |
| 3825670.97 | 0.77350 (20101808) |         |            |           |
| 397699.60  | 3825671.67         | 0.78684 | (20101808) | 397675.05 |
| 3825672.37 | 0.79581 (20101808) |         |            |           |
| 397650.50  | 3825673.08         | 0.80226 | (20101808) | 397625.96 |
| 3825673.78 | 0.80655 (20101808) |         |            |           |
| 397601.41  | 3825674.48         | 0.80955 | (20101808) | 397576.86 |
| 3825675.18 | 0.81225 (20101808) |         |            |           |
| 397552.31  | 3825675.89         | 0.81512 | (20101808) | 397527.77 |
| 3825676.59 | 0.81621 (20101808) |         |            |           |
| 397503.22  | 3825677.29         | 0.81566 | (20101808) | 397478.67 |
| 3825678.00 | 0.81679 (19060308) |         |            |           |
| 397454.12  | 3825678.70         | 0.82555 | (19060308) | 397429.57 |
| 3825679.40 | 0.83560 (19060308) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 964

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 397405.03   | 3825680.11         | 0.84220    | (19060308) | 397380.48   |
| 3825680.81  | 0.84558 (19060308) |            |            |             |
| 397355.93   | 3825681.51         | 0.84774    | (19060308) | 397331.38   |
| 3825682.22  | 0.84885 (19060308) |            |            |             |
| 397306.84   | 3825682.92         | 0.84800    | (19060308) | 397282.29   |
| 3825683.62  | 0.84628 (19060308) |            |            |             |
| 397257.74   | 3825684.32         | 0.84377    | (19060308) | 397233.19   |
| 3825685.03  | 0.84019 (19060308) |            |            |             |
| 397208.64   | 3825685.73         | 0.83569    | (19060308) | 397184.10   |
| 3825686.43  | 0.83139 (19060308) |            |            |             |
| 397159.55   | 3825687.14         | 0.82609    | (19060308) | 397135.00   |
| 3825687.84  | 0.81815 (19060308) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 397110.45  | 3825688.54         | 0.80796 | (19060308) | 397085.91 |
| 3825689.25 | 0.79639 (19060308) |         |            |           |
| 397061.36  | 3825689.95         | 0.78413 | (19060308) | 397036.81 |
| 3825690.65 | 0.77143 (19060308) |         |            |           |
| 397012.26  | 3825691.36         | 0.75809 | (19060308) | 396987.71 |
| 3825692.06 | 0.74379 (19060308) |         |            |           |
| 396963.17  | 3825692.76         | 0.72859 | (19060308) | 396938.62 |
| 3825693.46 | 0.71259 (19060308) |         |            |           |
| 396914.07  | 3825694.17         | 0.69622 | (20090608) | 396889.52 |
| 3825694.87 | 0.70678 (20090608) |         |            |           |
| 396864.98  | 3825695.57         | 0.72174 | (20090608) | 396840.43 |
| 3825696.28 | 0.73557 (20090608) |         |            |           |
| 396815.88  | 3825696.98         | 0.74647 | (20090608) | 396791.33 |
| 3825697.68 | 0.75860 (20090608) |         |            |           |
| 396766.78  | 3825698.39         | 0.77706 | (17111508) | 396742.24 |
| 3825699.09 | 0.79249 (17111508) |         |            |           |
| 396717.69  | 3825699.79         | 0.80210 | (17111508) | 396693.14 |
| 3825700.50 | 0.81055 (17111508) |         |            |           |
| 396668.59  | 3825701.20         | 0.81701 | (17111508) | 396644.05 |
| 3825701.90 | 0.82063 (17111508) |         |            |           |
| 396619.50  | 3825702.60         | 0.82189 | (17111508) | 396594.95 |
| 3825703.31 | 0.82510 (20102808) |         |            |           |
| 396570.40  | 3825704.01         | 0.84445 | (20102808) | 396545.85 |
| 3825704.71 | 0.86349 (20102808) |         |            |           |
| 396521.31  | 3825705.42         | 0.88596 | (20102808) | 396496.76 |
| 3825706.12 | 0.90961 (20102808) |         |            |           |
| 396472.21  | 3825706.82         | 0.92503 | (20102808) | 396447.66 |
| 3825707.53 | 0.93662 (20102808) |         |            |           |
| 396423.12  | 3825708.23         | 0.95144 | (20102808) | 396398.57 |
| 3825708.93 | 0.96861 (20102808) |         |            |           |
| 396374.02  | 3825709.64         | 0.99037 | (20102808) | 396349.47 |
| 3825710.34 | 1.00751 (20102808) |         |            |           |
| 396324.93  | 3825711.04         | 1.01838 | (20102808) | 396300.38 |
| 3825711.75 | 1.02684 (20102808) |         |            |           |
| 396275.83  | 3825712.45         | 1.03347 | (20102808) | 396251.28 |
| 3825713.15 | 1.03745 (20102808) |         |            |           |
| 396226.73  | 3825713.85         | 1.03729 | (20102808) | 396202.19 |
| 3825714.56 | 1.03510 (20102808) |         |            |           |
| 396177.64  | 3825715.26         | 1.04092 | (20102808) | 396153.09 |
| 3825715.96 | 1.03946 (20102808) |         |            |           |
| 396128.54  | 3825716.67         | 1.04216 | (19102108) | 396104.00 |
| 3825717.37 | 1.06242 (19102108) |         |            |           |
| 396079.45  | 3825718.07         | 1.08958 | (19102108) | 396054.90 |
| 3825718.78 | 1.15813 (19102108) |         |            |           |
| 396030.35  | 3825719.48         | 1.21548 | (19102108) | 396005.80 |
| 3825720.18 | 1.20300 (19102108) |         |            |           |
| 395981.26  | 3825720.89         | 1.11699 | (19102108) | 395956.71 |
| 3825721.59 | 1.06325 (19102108) |         |            |           |
| 395932.16  | 3825722.29         | 1.03638 | (19102108) | 395907.61 |
| 3825722.99 | 1.01051 (19102108) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395883.07  | 3825723.70 | 0.98955    | (19102108) | 395858.52 |
| 3825724.40 | 0.96544    | (19102108) |            |           |
| 395833.97  | 3825725.10 | 0.95110    | (19102108) | 395809.42 |
| 3825725.81 | 0.94235    | (19102108) |            |           |
| 395784.87  | 3825726.51 | 0.92104    | (19102108) | 395760.33 |
| 3825727.21 | 0.89283    | (19102108) |            |           |
| 395735.78  | 3825727.92 | 0.86324    | (19102108) | 395711.23 |
| 3825728.62 | 0.83205    | (19102108) |            |           |
| 395686.68  | 3825729.32 | 0.79961    | (19102108) | 395662.14 |
| 3825730.03 | 0.77994    | (19081408) |            |           |
| 395637.59  | 3825730.73 | 0.78003    | (19081408) | 395613.04 |
| 3825731.43 | 0.78323    | (19081408) |            |           |
| 395588.49  | 3825732.13 | 0.80682    | (19081408) | 395563.94 |
| 3825732.84 | 0.83365    | (19081408) |            |           |
| 395539.40  | 3825733.54 | 0.83939    | (19092508) | 395514.85 |
| 3825734.24 | 0.85877    | (19092508) |            |           |
| 395490.30  | 3825734.95 | 0.88386    | (19092508) | 395465.75 |
| 3825735.65 | 0.89972    | (19092508) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 965

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395441.21   | 3825736.35  | 0.92865    | (19092508) | 395416.66   |
| 3825737.06  | 0.94587     | (19092508) |            |             |
| 395392.11   | 3825737.76  | 0.98528    | (19092508) | 395367.56   |
| 3825738.46  | 1.02708     | (19092508) |            |             |
| 395343.01   | 3825739.17  | 1.03992    | (19092508) | 395318.47   |
| 3825739.87  | 1.03476     | (16081208) |            |             |
| 395293.92   | 3825740.57  | 1.01386    | (16081208) | 395269.37   |
| 3825741.27  | 0.99455     | (16081208) |            |             |
| 395244.82   | 3825741.98  | 0.97651    | (16081208) | 395220.28   |
| 3825742.68  | 0.96427     | (16081208) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 395195.73  | 3825743.38         | 0.96121 | (16081208) | 395171.18 |
| 3825744.09 | 0.95692 (16081208) |         |            |           |
| 395146.63  | 3825744.79         | 0.94620 | (16081208) | 395122.08 |
| 3825745.49 | 0.93559 (16081208) |         |            |           |
| 395097.54  | 3825746.20         | 0.92938 | (16081208) | 395072.99 |
| 3825746.90 | 0.92722 (20060208) |         |            |           |
| 395048.44  | 3825747.60         | 0.93893 | (20060208) | 395023.89 |
| 3825748.31 | 0.95499 (20060208) |         |            |           |
| 394999.35  | 3825749.01         | 0.97386 | (20060208) | 394974.80 |
| 3825749.71 | 0.99097 (20060208) |         |            |           |
| 394950.25  | 3825750.41         | 1.00353 | (20060208) | 394925.70 |
| 3825751.12 | 1.00932 (20060208) |         |            |           |
| 394901.15  | 3825751.82         | 1.00450 | (20060208) | 394876.61 |
| 3825752.52 | 1.01289 (18022608) |         |            |           |
| 394852.06  | 3825753.23         | 1.05882 | (18022608) | 394827.51 |
| 3825753.93 | 1.11402 (18022608) |         |            |           |
| 394802.96  | 3825754.63         | 1.18620 | (18022608) | 394778.42 |
| 3825755.34 | 1.24927 (18022608) |         |            |           |
| 394753.87  | 3825756.04         | 1.21080 | (18022608) | 394729.32 |
| 3825756.74 | 1.25296 (18022608) |         |            |           |
| 394704.77  | 3825757.45         | 1.36941 | (18022608) | 394680.22 |
| 3825758.15 | 1.41917 (18022608) |         |            |           |
| 394655.68  | 3825758.85         | 1.42865 | (18022608) | 394631.13 |
| 3825759.55 | 1.42250 (18022608) |         |            |           |
| 394606.58  | 3825760.26         | 1.40326 | (18022608) | 394582.03 |
| 3825760.96 | 1.37540 (18022608) |         |            |           |
| 394557.49  | 3825761.66         | 1.34434 | (18022608) | 394532.94 |
| 3825762.37 | 1.31230 (18022608) |         |            |           |
| 394508.39  | 3825763.07         | 1.30394 | (19010308) | 394483.84 |
| 3825763.77 | 1.34463 (19010308) |         |            |           |
| 394459.29  | 3825764.48         | 1.38464 | (19010308) | 394434.75 |
| 3825765.18 | 1.42388 (19010308) |         |            |           |
| 394410.20  | 3825765.88         | 1.48754 | (19010308) | 394385.65 |
| 3825766.59 | 1.58401 (19010308) |         |            |           |
| 394361.10  | 3825767.29         | 1.67098 | (19010308) | 394336.56 |
| 3825767.99 | 1.80964 (16092808) |         |            |           |
| 394312.01  | 3825768.69         | 2.03890 | (16092808) | 394287.46 |
| 3825769.40 | 2.23642 (16092808) |         |            |           |
| 394262.91  | 3825770.10         | 2.37714 | (16092808) | 394238.36 |
| 3825770.80 | 2.45754 (16092808) |         |            |           |
| 394213.82  | 3825771.51         | 2.50679 | (16092808) | 394189.27 |
| 3825772.21 | 2.52851 (16092808) |         |            |           |
| 394164.72  | 3825772.91         | 2.53030 | (16092808) | 394140.17 |
| 3825773.62 | 2.51296 (16092808) |         |            |           |
| 394115.63  | 3825774.32         | 2.46099 | (16092808) | 394091.08 |
| 3825775.02 | 2.37299 (16092808) |         |            |           |
| 394066.53  | 3825775.73         | 2.23188 | (16092808) | 394041.98 |
| 3825776.43 | 2.06697 (16092808) |         |            |           |
| 394017.43  | 3825777.13         | 1.90126 | (16092808) | 393992.89 |
| 3825777.83 | 1.74317 (16092808) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393968.34  | 3825778.54 | 1.59553    | (16092808) | 393943.79 |
| 3825779.24 | 1.47288    | (16092808) |            |           |
| 393919.24  | 3825779.94 | 1.37317    | (16092808) | 393894.70 |
| 3825780.65 | 1.32109    | (20042508) |            |           |
| 393870.15  | 3825781.35 | 1.36188    | (20042508) | 393845.60 |
| 3825782.05 | 1.44455    | (20042508) |            |           |
| 393821.05  | 3825782.76 | 1.50767    | (20042508) | 393796.50 |
| 3825783.46 | 1.51387    | (20042508) |            |           |
| 393771.96  | 3825784.16 | 1.47507    | (20042508) | 393747.41 |
| 3825784.87 | 1.40482    | (19121308) |            |           |
| 393722.86  | 3825785.57 | 1.31108    | (19121308) | 393698.31 |
| 3825786.27 | 1.26534m   | (16040808) |            |           |
| 393673.77  | 3825786.97 | 1.27185    | (19121308) | 393649.22 |
| 3825787.68 | 1.31324    | (19121308) |            |           |
| 393624.67  | 3825788.38 | 1.31764    | (19121308) | 393600.12 |
| 3825789.08 | 1.29559    | (19121308) |            |           |
| 393575.57  | 3825789.79 | 1.29738    | (19121308) | 393551.03 |
| 3825790.49 | 1.28729    | (19121308) |            |           |
| 393526.48  | 3825791.19 | 1.26631    | (19121308) | 393501.93 |
| 3825791.90 | 1.23643    | (19121308) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 966

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393477.38   | 3825792.60  | 1.21409    | (19092024) | 393452.84   |
| 3825793.30  | 1.24910     | (19092024) |            |             |
| 393428.29   | 3825794.01  | 1.31198    | (19092024) | 393403.74   |
| 3825794.71  | 1.41620     | (19092024) |            |             |
| 393379.19   | 3825795.41  | 1.51188    | (19092024) | 393354.64   |
| 3825796.12  | 1.54499     | (19092024) |            |             |
| 393330.10   | 3825796.82  | 1.45776    | (16082908) | 393305.55   |
| 3825797.52  | 1.40336     | (16082908) |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403714.80  | 3821943.38         | 1.16157 | (17111224) | 403728.00 |
| 3821922.62 | 1.17508 (17111224) |         |            |           |
| 404820.86  | 3822674.20         | 0.61656 | (17111224) | 404801.77 |
| 3822689.61 | 0.61181 (17111224) |         |            |           |
| 404782.69  | 3822705.02         | 0.60567 | (17111224) | 404763.60 |
| 3822720.43 | 0.59722 (17111224) |         |            |           |
| 404744.51  | 3822735.84         | 0.58833 | (17111224) | 404725.42 |
| 3822751.25 | 0.57811 (17111224) |         |            |           |
| 404706.34  | 3822766.65         | 0.58481 | (18112008) | 404687.25 |
| 3822782.06 | 0.59595 (18112008) |         |            |           |
| 404668.16  | 3822797.47         | 0.60558 | (18112008) | 404649.07 |
| 3822812.88 | 0.61440 (18112008) |         |            |           |
| 404629.99  | 3822828.29         | 0.62038 | (18112008) | 404610.90 |
| 3822843.70 | 0.62449 (18112008) |         |            |           |
| 404591.81  | 3822859.11         | 0.62855 | (18112008) | 404572.72 |
| 3822874.52 | 0.63032 (18112008) |         |            |           |
| 404553.64  | 3822889.93         | 0.63196 | (18112008) | 404534.55 |
| 3822905.34 | 0.63589 (18112008) |         |            |           |
| 404515.46  | 3822920.75         | 0.64001 | (18112008) | 404496.38 |
| 3822936.16 | 0.63594 (18112008) |         |            |           |
| 404477.29  | 3822951.56         | 0.62927 | (18112008) | 404458.20 |
| 3822966.97 | 0.62701 (18112008) |         |            |           |
| 404439.11  | 3822982.38         | 0.61897 | (18112008) | 404420.03 |
| 3822997.79 | 0.60726 (18112008) |         |            |           |
| 404400.94  | 3823013.20         | 0.59569 | (18112008) | 404381.85 |
| 3823028.61 | 0.58343 (18112008) |         |            |           |
| 404362.76  | 3823044.02         | 0.58508 | (16123008) | 404343.68 |
| 3823059.43 | 0.60467 (16123008) |         |            |           |
| 404324.59  | 3823074.84         | 0.62022 | (16123008) | 404305.50 |
| 3823090.25 | 0.63385 (16123008) |         |            |           |
| 404286.41  | 3823105.66         | 0.65279 | (16123008) | 404267.33 |
| 3823121.06 | 0.67359 (19011108) |         |            |           |
| 404248.24  | 3823136.47         | 0.68637 | (19011108) | 404229.15 |
| 3823151.88 | 0.68748 (19011108) |         |            |           |
| 404210.06  | 3823167.29         | 0.69580 | (19011108) | 404190.98 |
| 3823182.70 | 0.70997 (19011108) |         |            |           |
| 404171.89  | 3823198.11         | 0.72155 | (19011108) | 404152.80 |
| 3823213.52 | 0.73144 (19011108) |         |            |           |
| 404133.71  | 3823228.93         | 0.73724 | (19011108) | 404114.63 |
| 3823244.34 | 0.73809 (19011108) |         |            |           |
| 404095.54  | 3823259.75         | 0.73925 | (19011108) | 404076.45 |
| 3823275.16 | 0.73737 (19011108) |         |            |           |
| 404057.36  | 3823290.56         | 0.72457 | (16123008) | 404038.28 |
| 3823305.97 | 0.71535 (16123008) |         |            |           |
| 404019.19  | 3823321.38         | 0.70652 | (16123008) | 404000.10 |
| 3823336.79 | 0.69774 (16123008) |         |            |           |
| 403981.02  | 3823352.20         | 0.68666 | (16123008) | 403961.93 |
| 3823367.61 | 0.67016 (16123008) |         |            |           |
| 403942.84  | 3823383.02         | 0.65299 | (16123008) | 403923.75 |
| 3823398.43 | 0.63754 (16123008) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403904.67  | 3823413.84 | 0.62470    | (16123008) | 403885.58 |
| 3823429.25 | 0.60801    | (16123008) |            |           |
| 403866.49  | 3823444.66 | 0.58898    | (16123008) | 403847.40 |
| 3823460.07 | 0.56836    | (16123008) |            |           |
| 403828.32  | 3823475.47 | 0.55012    | (16123008) | 403809.23 |
| 3823490.88 | 0.53076    | (16123008) |            |           |
| 403790.14  | 3823506.29 | 0.50979    | (16123008) | 403771.05 |
| 3823521.70 | 0.49135    | (20082624) |            |           |
| 403751.97  | 3823537.11 | 0.49121    | (20082624) | 403732.88 |
| 3823552.52 | 0.49087    | (20082624) |            |           |
| 403713.79  | 3823567.93 | 0.48942    | (20082624) | 403694.70 |
| 3823583.34 | 0.48678    | (20082624) |            |           |
| 403675.62  | 3823598.75 | 0.48550    | (20082624) | 403656.53 |
| 3823614.16 | 0.48365    | (20082624) |            |           |
| 403637.44  | 3823629.57 | 0.48101    | (20082624) | 403618.35 |
| 3823644.97 | 0.47811    | (20082624) |            |           |
| 403599.27  | 3823660.38 | 0.47436    | (20082624) | 403580.18 |
| 3823675.79 | 0.47030    | (20082624) |            |           |
| 403561.09  | 3823691.20 | 0.46580    | (20082624) | 403542.01 |
| 3823706.61 | 0.46049    | (20082624) |            |           |
| 403522.92  | 3823722.02 | 0.45740    | (17071108) | 403503.83 |
| 3823737.43 | 0.46452    | (17071108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 967

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 403484.74   | 3823752.84  | 0.47199    | (17071108) | 403465.66   |
| 3823768.25  | 0.47950     | (17071108) |            |             |
| 403446.57   | 3823783.66  | 0.48648    | (17071108) | 403427.48   |
| 3823799.07  | 0.49338     | (17071108) |            |             |
| 403408.39   | 3823814.48  | 0.49990    | (17071108) | 403389.31   |
| 3823829.88  | 0.50544     | (17071108) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403370.22  | 3823845.29         | 0.51032 | (17071108) | 403351.13 |
| 3823860.70 | 0.51473 (17071108) |         |            |           |
| 403332.04  | 3823876.11         | 0.51928 | (17071108) | 403312.96 |
| 3823891.52 | 0.52332 (17071108) |         |            |           |
| 403293.87  | 3823906.93         | 0.52647 | (17071108) | 403274.78 |
| 3823922.34 | 0.52859 (17071108) |         |            |           |
| 403255.69  | 3823937.75         | 0.53078 | (17071108) | 403236.61 |
| 3823953.16 | 0.53262 (17071108) |         |            |           |
| 403217.52  | 3823968.57         | 0.53376 | (17071108) | 403198.43 |
| 3823983.98 | 0.53405 (17071108) |         |            |           |
| 403179.34  | 3823999.38         | 0.53370 | (17071108) | 403160.26 |
| 3824014.79 | 0.53278 (17071108) |         |            |           |
| 403141.17  | 3824030.20         | 0.53153 | (17071108) | 403122.08 |
| 3824045.61 | 0.52982 (17071108) |         |            |           |
| 403102.99  | 3824061.02         | 0.52745 | (17071108) | 403083.91 |
| 3824076.43 | 0.52445 (17071108) |         |            |           |
| 403064.82  | 3824091.84         | 0.52370 | (16040508) | 403045.73 |
| 3824107.25 | 0.52873 (16040508) |         |            |           |
| 403026.65  | 3824122.66         | 0.53228 | (16040508) | 403007.56 |
| 3824138.07 | 0.53555 (16040508) |         |            |           |
| 402988.47  | 3824153.48         | 0.53829 | (16040508) | 402969.38 |
| 3824168.88 | 0.53949 (16040508) |         |            |           |
| 402950.30  | 3824184.29         | 0.53957 | (16040508) | 402931.21 |
| 3824199.70 | 0.53860 (16040508) |         |            |           |
| 402912.12  | 3824215.11         | 0.53675 | (16040508) | 402893.03 |
| 3824230.52 | 0.53450 (16040508) |         |            |           |
| 402873.95  | 3824245.93         | 0.53046 | (16040508) | 402854.86 |
| 3824261.34 | 0.52368 (16040508) |         |            |           |
| 402835.77  | 3824276.75         | 0.51589 | (16040508) | 402816.68 |
| 3824292.16 | 0.51095 (17110924) |         |            |           |
| 402797.60  | 3824307.57         | 0.51855 | (17110924) | 402778.51 |
| 3824322.98 | 0.51925 (17110924) |         |            |           |
| 402759.42  | 3824338.39         | 0.51564 | (17110924) | 402740.33 |
| 3824353.79 | 0.51222 (17110924) |         |            |           |
| 402721.25  | 3824369.20         | 0.50794 | (17110924) | 402702.16 |
| 3824384.61 | 0.50300 (17110924) |         |            |           |
| 402683.07  | 3824400.02         | 0.49709 | (17110924) | 402663.98 |
| 3824415.43 | 0.49101 (16031824) |         |            |           |
| 402644.90  | 3824430.84         | 0.49798 | (16031824) | 402625.81 |
| 3824446.25 | 0.50496 (16031824) |         |            |           |
| 402606.72  | 3824461.66         | 0.51028 | (16031824) | 402587.64 |
| 3824477.07 | 0.51320 (16031824) |         |            |           |
| 402568.55  | 3824492.48         | 0.51567 | (16031824) | 402549.46 |
| 3824507.89 | 0.51675 (16031824) |         |            |           |
| 402530.37  | 3824523.29         | 0.51609 | (16031824) | 402511.29 |
| 3824538.70 | 0.51558 (16031824) |         |            |           |
| 402492.20  | 3824554.11         | 0.51609 | (16031824) | 402473.11 |
| 3824569.52 | 0.51575 (16031824) |         |            |           |
| 402454.02  | 3824584.93         | 0.51410 | (16031824) | 402434.94 |
| 3824600.34 | 0.51186 (16031824) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402415.85  | 3824615.75 | 0.50972    | (16031824) | 402396.76 |
| 3824631.16 | 0.50631    | (16031824) |            |           |
| 402377.67  | 3824646.57 | 0.50321    | (16031824) | 402358.59 |
| 3824661.98 | 0.49850    | (16031824) |            |           |
| 402339.50  | 3824677.39 | 0.48820    | (16031824) | 402320.41 |
| 3824692.80 | 0.47696    | (16031824) |            |           |
| 402301.32  | 3824708.20 | 0.46672    | (16031824) | 402282.24 |
| 3824723.61 | 0.45758    | (16031824) |            |           |
| 402263.15  | 3824739.02 | 0.44779    | (16031824) | 402244.06 |
| 3824754.43 | 0.43546    | (16031824) |            |           |
| 402224.97  | 3824769.84 | 0.42812    | (16011924) | 402205.89 |
| 3824785.25 | 0.43043    | (16011924) |            |           |
| 402186.80  | 3824800.66 | 0.43295    | (16011924) | 402167.71 |
| 3824816.07 | 0.43527    | (16011924) |            |           |
| 402148.62  | 3824831.48 | 0.43689    | (16011924) | 402129.54 |
| 3824846.89 | 0.43782    | (16011924) |            |           |
| 402110.45  | 3824862.30 | 0.43858    | (16011924) | 402091.36 |
| 3824877.70 | 0.43804    | (16011924) |            |           |
| 402072.28  | 3824893.11 | 0.43714    | (16011924) | 402053.19 |
| 3824908.52 | 0.43613    | (16011924) |            |           |
| 402034.10  | 3824923.93 | 0.43462    | (16011924) | 402015.01 |
| 3824939.34 | 0.43260    | (16011924) |            |           |
| 401995.93  | 3824954.75 | 0.43017    | (16011924) | 401976.84 |
| 3824970.16 | 0.43004    | (17100408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 968

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 401957.75   | 3824985.57  | 0.43723    | (17100408) | 401938.66   |
| 3825000.98  | 0.44355     | (17100408) |            |             |
| 401919.58   | 3825016.39  | 0.44883    | (17100408) | 401900.49   |
| 3825031.80  | 0.45306     | (17100408) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 401881.40  | 3825047.20         | 0.45595 | (17100408) | 401862.31 |
| 3825062.61 | 0.45791 (17100408) |         |            |           |
| 401843.23  | 3825078.02         | 0.45969 | (17100408) | 401824.14 |
| 3825093.43 | 0.46118 (20040824) |         |            |           |
| 401805.05  | 3825108.84         | 0.46968 | (20040824) | 401785.96 |
| 3825124.25 | 0.47714 (20040824) |         |            |           |
| 401766.88  | 3825139.66         | 0.48425 | (20040824) | 401747.79 |
| 3825155.07 | 0.49122 (20040824) |         |            |           |
| 401728.70  | 3825170.48         | 0.49767 | (20040824) | 401709.61 |
| 3825185.89 | 0.50287 (20040824) |         |            |           |
| 401690.53  | 3825201.30         | 0.50731 | (20040824) | 401671.44 |
| 3825216.71 | 0.51106 (20040824) |         |            |           |
| 401652.35  | 3825232.11         | 0.51436 | (20040824) | 401633.27 |
| 3825247.52 | 0.51693 (20040824) |         |            |           |
| 401614.18  | 3825262.93         | 0.51885 | (20040824) | 401595.09 |
| 3825278.34 | 0.51989 (20040824) |         |            |           |
| 401576.00  | 3825293.75         | 0.52021 | (20040824) | 401556.92 |
| 3825309.16 | 0.52002 (20040824) |         |            |           |
| 401537.83  | 3825324.57         | 0.51930 | (20040824) | 401518.74 |
| 3825339.98 | 0.51807 (20040824) |         |            |           |
| 401499.65  | 3825355.39         | 0.51633 | (20040824) | 401480.57 |
| 3825370.80 | 0.51379 (20040824) |         |            |           |
| 401461.48  | 3825386.21         | 0.51039 | (20040824) | 401442.39 |
| 3825401.61 | 0.50620 (20040824) |         |            |           |
| 401423.30  | 3825417.02         | 0.50102 | (20040824) | 401404.22 |
| 3825432.43 | 0.49536 (20040824) |         |            |           |
| 401385.13  | 3825447.84         | 0.48958 | (20040824) | 401366.04 |
| 3825463.25 | 0.48293 (20040824) |         |            |           |
| 401346.95  | 3825478.66         | 0.47493 | (20040824) | 401327.87 |
| 3825494.07 | 0.46552 (20040824) |         |            |           |
| 401308.78  | 3825509.48         | 0.45770 | (20040824) | 401289.69 |
| 3825524.89 | 0.44932 (20040824) |         |            |           |
| 401270.60  | 3825540.30         | 0.43985 | (20040824) | 401251.52 |
| 3825555.71 | 0.43042 (20040824) |         |            |           |
| 401232.43  | 3825571.11         | 0.41960 | (20040824) | 401213.34 |
| 3825586.52 | 0.42888 (16112524) |         |            |           |
| 401194.25  | 3825601.93         | 0.43828 | (16112524) | 401175.17 |
| 3825617.34 | 0.44580 (16112524) |         |            |           |
| 401156.08  | 3825632.75         | 0.45148 | (16112524) | 401136.99 |
| 3825648.16 | 0.45677 (16112524) |         |            |           |
| 401117.91  | 3825663.57         | 0.46195 | (16112524) | 401098.82 |
| 3825678.98 | 0.46747 (16112524) |         |            |           |
| 401079.73  | 3825694.39         | 0.47277 | (16112524) | 401060.64 |
| 3825709.80 | 0.47600 (16112524) |         |            |           |
| 401041.56  | 3825725.21         | 0.47747 | (16112524) | 401022.47 |
| 3825740.62 | 0.47828 (16112524) |         |            |           |
| 401003.38  | 3825756.02         | 0.47595 | (16112524) | 400984.29 |
| 3825771.43 | 0.47257 (16112524) |         |            |           |
| 400965.21  | 3825786.84         | 0.46827 | (16112524) | 400946.12 |
| 3825802.25 | 0.46396 (16112524) |         |            |           |

|                                                                          |                    |          |            |           |
|--------------------------------------------------------------------------|--------------------|----------|------------|-----------|
| 400927.03                                                                | 3825817.66         | 0.45914  | (16112524) | 400907.94 |
| 3825833.07                                                               | 0.45524 (16101308) |          |            |           |
| 400888.86                                                                | 3825848.48         | 0.46194  | (16101308) | 400869.77 |
| 3825863.89                                                               | 0.46871 (16101308) |          |            |           |
| 400850.68                                                                | 3825879.30         | 0.47359  | (16101308) | 400831.59 |
| 3825894.71                                                               | 0.47837 (16101308) |          |            |           |
| 400812.51                                                                | 3825910.12         | 0.48395  | (16101308) | 400793.42 |
| 3825925.52                                                               | 0.48969 (16101308) |          |            |           |
| 400774.33                                                                | 3825940.93         | 0.49260  | (16101308) | 400755.24 |
| 3825956.34                                                               | 0.49361 (16101308) |          |            |           |
| 400736.16                                                                | 3825971.75         | 0.49482  | (16101308) | 400717.07 |
| 3825987.16                                                               | 0.49781 (16101308) |          |            |           |
| 400697.98                                                                | 3826002.57         | 0.49811  | (16101308) | 400678.90 |
| 3826017.98                                                               | 0.49587 (16101308) |          |            |           |
| 400659.81                                                                | 3826033.39         | 0.49321  | (16101308) | 400640.72 |
| 3826048.80                                                               | 0.49108 (16101308) |          |            |           |
| 400621.63                                                                | 3826064.21         | 0.48844  | (16101308) | 400602.55 |
| 3826079.62                                                               | 0.48453 (16101308) |          |            |           |
| 400583.46                                                                | 3826095.03         | 0.47964  | (16101308) | 400564.37 |
| 3826110.43                                                               | 0.47462 (16101308) |          |            |           |
| 400545.28                                                                | 3826125.84         | 0.48311  | (16111008) | 400526.20 |
| 3826141.25                                                               | 0.48826 (16111008) |          |            |           |
| 400507.11                                                                | 3826156.66         | 0.49162  | (16111008) | 400488.02 |
| 3826172.07                                                               | 0.49453 (16111008) |          |            |           |
| 400468.93                                                                | 3826187.48         | 0.49651  | (16111008) | 400449.85 |
| 3826202.89                                                               | 0.49710 (16111008) |          |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |                    |          |            |           |
| Study                                                                    | ***                | 02/10/26 |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |                    |          |            |           |
|                                                                          | ***                | 17:54:19 |            |           |

PAGE 969

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 400430.76   | 3826218.30  | 0.49632    | (16111008) | 400411.67   |
| 3826233.71  | 0.49405     | (16111008) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 400392.58  | 3826249.12         | 0.49122 | (16111008) | 400373.50 |
| 3826264.53 | 0.48972 (16111008) |         |            |           |
| 400354.41  | 3826279.93         | 0.48767 | (16111008) | 400335.32 |
| 3826295.34 | 0.48353 (16111008) |         |            |           |
| 400316.23  | 3826310.75         | 0.47769 | (16111008) | 400297.15 |
| 3826326.16 | 0.46818 (16111008) |         |            |           |
| 400278.06  | 3826341.57         | 0.45620 | (16111008) | 400258.97 |
| 3826356.98 | 0.44910 (18052208) |         |            |           |
| 400239.88  | 3826372.39         | 0.44910 | (18052208) | 400220.80 |
| 3826387.80 | 0.44890 (18052208) |         |            |           |
| 400201.71  | 3826403.21         | 0.44830 | (18052208) | 400182.62 |
| 3826418.62 | 0.44718 (18052208) |         |            |           |
| 400163.54  | 3826434.03         | 0.44537 | (18052208) | 400144.45 |
| 3826449.43 | 0.44272 (18052208) |         |            |           |
| 400125.36  | 3826464.84         | 0.44591 | (17101908) | 400106.27 |
| 3826480.25 | 0.44869 (17101908) |         |            |           |
| 400087.19  | 3826495.66         | 0.45031 | (17101908) | 400068.10 |
| 3826511.07 | 0.45045 (17101908) |         |            |           |
| 400049.01  | 3826526.48         | 0.45074 | (17101908) | 400029.92 |
| 3826541.89 | 0.45054 (17101908) |         |            |           |
| 400010.84  | 3826557.30         | 0.44852 | (17101908) | 399991.75 |
| 3826572.71 | 0.44612 (18081708) |         |            |           |
| 399972.66  | 3826588.12         | 0.45114 | (18081708) | 399953.57 |
| 3826603.53 | 0.45573 (18081708) |         |            |           |
| 399934.49  | 3826618.94         | 0.45958 | (18081708) | 399915.40 |
| 3826634.34 | 0.46320 (17072108) |         |            |           |
| 399896.31  | 3826649.75         | 0.46962 | (17072108) | 399877.22 |
| 3826665.16 | 0.47538 (17072108) |         |            |           |
| 399858.14  | 3826680.57         | 0.48012 | (17072108) | 399839.05 |
| 3826695.98 | 0.48519 (17072108) |         |            |           |
| 399819.96  | 3826711.39         | 0.48963 | (17072108) | 399800.87 |
| 3826726.80 | 0.49307 (17072108) |         |            |           |
| 399781.79  | 3826742.21         | 0.49577 | (17072108) | 399762.70 |
| 3826757.62 | 0.49887 (17072108) |         |            |           |
| 399743.61  | 3826773.03         | 0.50218 | (17072108) | 399724.53 |
| 3826788.44 | 0.50482 (17072108) |         |            |           |
| 399705.44  | 3826803.84         | 0.50673 | (17072108) | 399686.35 |
| 3826819.25 | 0.50864 (17072108) |         |            |           |
| 399667.26  | 3826834.66         | 0.51001 | (17072108) | 399648.18 |
| 3826850.07 | 0.51001 (17072108) |         |            |           |
| 399629.09  | 3826865.48         | 0.50867 | (17072108) | 399585.48 |
| 3826881.59 | 0.50548 (17072108) |         |            |           |
| 399560.96  | 3826882.29         | 0.50316 | (17072108) | 399536.44 |
| 3826883.00 | 0.49965 (17072108) |         |            |           |
| 399511.92  | 3826883.70         | 0.50724 | (19062408) | 399487.40 |
| 3826884.40 | 0.51557 (19062408) |         |            |           |
| 399462.87  | 3826885.10         | 0.52372 | (19062408) | 399438.35 |
| 3826885.81 | 0.53172 (19062408) |         |            |           |
| 399413.83  | 3826886.51         | 0.53939 | (19062408) | 399389.31 |
| 3826887.21 | 0.54667 (19062408) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399364.79  | 3826887.91 | 0.55362    | (19062408) | 399340.27 |
| 3826888.62 | 0.55998    | (19062408) |            |           |
| 399315.75  | 3826889.32 | 0.56579    | (19062408) | 399291.23 |
| 3826890.02 | 0.57126    | (19062408) |            |           |
| 399266.71  | 3826890.72 | 0.57610    | (19062408) | 399242.19 |
| 3826891.43 | 0.58040    | (19062408) |            |           |
| 399217.67  | 3826892.13 | 0.58461    | (19062408) | 399193.14 |
| 3826892.83 | 0.58820    | (19062408) |            |           |
| 399168.62  | 3826893.53 | 0.59091    | (19062408) | 399144.10 |
| 3826894.23 | 0.59350    | (19062408) |            |           |
| 399119.58  | 3826894.94 | 0.59572    | (19062408) | 399095.06 |
| 3826895.64 | 0.59692    | (19062408) |            |           |
| 399070.54  | 3826896.34 | 0.59787    | (19062408) | 399046.02 |
| 3826897.04 | 0.59851    | (19062408) |            |           |
| 399021.50  | 3826897.75 | 0.59822    | (19062408) | 398996.98 |
| 3826898.45 | 0.59761    | (19062408) |            |           |
| 398972.46  | 3826899.15 | 0.59686    | (19062408) | 398947.94 |
| 3826899.85 | 0.59554    | (19062408) |            |           |
| 398923.41  | 3826900.56 | 0.59364    | (19062408) | 398898.89 |
| 3826901.26 | 0.59107    | (19062408) |            |           |
| 398874.37  | 3826901.96 | 0.58813    | (19062408) | 398849.85 |
| 3826902.66 | 0.58478    | (19062408) |            |           |
| 398825.33  | 3826903.36 | 0.58095    | (19062408) | 398800.81 |
| 3826904.07 | 0.58455    | (17091808) |            |           |
| 398776.29  | 3826904.77 | 0.58990    | (17091808) | 398751.77 |
| 3826905.47 | 0.59377    | (17091808) |            |           |
| 398727.25  | 3826906.17 | 0.59647    | (17091808) | 398702.73 |
| 3826906.88 | 0.59772    | (17091808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 970

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 398678.20  | 3826907.58         | 0.59731 | (17091808) | 398653.68 |
| 3826908.28 | 0.59565 (17091808) |         |            |           |
| 398629.16  | 3826908.98         | 0.59294 | (17091808) | 398604.64 |
| 3826909.69 | 0.58953 (17091808) |         |            |           |
| 398580.12  | 3826910.39         | 0.58595 | (17091808) | 398555.60 |
| 3826911.09 | 0.58208 (17091808) |         |            |           |
| 398531.08  | 3826911.79         | 0.57706 | (17091808) | 398506.56 |
| 3826912.49 | 0.57946 (18110308) |         |            |           |
| 398482.04  | 3826913.20         | 0.58455 | (18110308) | 398457.52 |
| 3826913.90 | 0.58986 (18110308) |         |            |           |
| 398433.00  | 3826914.60         | 0.59258 | (18110308) | 398408.47 |
| 3826915.30 | 0.59566 (18110308) |         |            |           |
| 398383.95  | 3826916.01         | 0.59773 | (18110308) | 398359.43 |
| 3826916.71 | 0.59922 (18110308) |         |            |           |
| 398334.91  | 3826917.41         | 0.59959 | (18110308) | 398310.39 |
| 3826918.11 | 0.60194 (18110308) |         |            |           |
| 398285.87  | 3826918.82         | 0.60212 | (18110308) | 398261.35 |
| 3826919.52 | 0.60121 (20101808) |         |            |           |
| 398236.83  | 3826920.22         | 0.61026 | (20101808) | 398212.31 |
| 3826920.92 | 0.61882 (20101808) |         |            |           |
| 398187.79  | 3826921.62         | 0.62697 | (20101808) | 398163.26 |
| 3826922.33 | 0.63460 (20101808) |         |            |           |
| 398138.74  | 3826923.03         | 0.64168 | (20101808) | 398114.22 |
| 3826923.73 | 0.64822 (20101808) |         |            |           |
| 398089.70  | 3826924.43         | 0.65411 | (20101808) | 398065.18 |
| 3826925.14 | 0.65939 (20101808) |         |            |           |
| 398040.66  | 3826925.84         | 0.66405 | (20101808) | 398016.14 |
| 3826926.54 | 0.66816 (20101808) |         |            |           |
| 397991.62  | 3826927.24         | 0.67175 | (20101808) | 397967.10 |
| 3826927.95 | 0.67449 (20101808) |         |            |           |
| 397942.58  | 3826928.65         | 0.67638 | (20101808) | 397918.06 |
| 3826929.35 | 0.67746 (20101808) |         |            |           |
| 397893.53  | 3826930.05         | 0.67797 | (20101808) | 397869.01 |
| 3826930.75 | 0.67783 (20101808) |         |            |           |
| 397844.49  | 3826931.46         | 0.67691 | (20101808) | 397819.97 |
| 3826932.16 | 0.67613 (19060308) |         |            |           |
| 397795.45  | 3826932.86         | 0.68144 | (19060308) | 397770.93 |
| 3826933.56 | 0.68659 (19060308) |         |            |           |
| 397746.41  | 3826934.27         | 0.69105 | (19060308) | 397721.89 |
| 3826934.97 | 0.69448 (19060308) |         |            |           |
| 397697.37  | 3826935.67         | 0.69656 | (19060308) | 397672.85 |
| 3826936.37 | 0.69781 (19060308) |         |            |           |
| 397648.33  | 3826937.08         | 0.69912 | (19060308) | 397623.80 |
| 3826937.78 | 0.69954 (19060308) |         |            |           |
| 397599.28  | 3826938.48         | 0.69757 | (19060308) | 397574.76 |
| 3826939.18 | 0.69464 (19060308) |         |            |           |
| 397550.24  | 3826939.88         | 0.69236 | (19060308) | 397525.72 |
| 3826940.59 | 0.68921 (19060308) |         |            |           |
| 397501.20  | 3826941.29         | 0.68480 | (19060308) | 397476.68 |
| 3826941.99 | 0.67964 (19060308) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397452.16  | 3826942.69 | 0.67332    | (19060308) | 397427.64 |
| 3826943.40 | 0.66630    | (19060308) |            |           |
| 397403.12  | 3826944.10 | 0.65874    | (19060308) | 397378.59 |
| 3826944.80 | 0.65043    | (19060308) |            |           |
| 397354.07  | 3826945.50 | 0.64150    | (19060308) | 397329.55 |
| 3826946.21 | 0.63203    | (19060308) |            |           |
| 397305.03  | 3826946.91 | 0.62198    | (19060308) | 397280.51 |
| 3826947.61 | 0.61121    | (19060308) |            |           |
| 397255.99  | 3826948.31 | 0.59938    | (19060308) | 397231.47 |
| 3826949.01 | 0.58722    | (19060308) |            |           |
| 397206.95  | 3826949.72 | 0.57514    | (19060308) | 397182.43 |
| 3826950.42 | 0.56303    | (19060308) |            |           |
| 397157.91  | 3826951.12 | 0.55154    | (20072908) | 397133.39 |
| 3826951.82 | 0.55758    | (20090608) |            |           |
| 397108.86  | 3826952.53 | 0.56541    | (20090608) | 397084.34 |
| 3826953.23 | 0.57310    | (20090608) |            |           |
| 397059.82  | 3826953.93 | 0.58065    | (20090608) | 397035.30 |
| 3826954.63 | 0.58870    | (17111508) |            |           |
| 397010.78  | 3826955.34 | 0.59349    | (17111508) | 396986.26 |
| 3826956.04 | 0.60042    | (17111508) |            |           |
| 396961.74  | 3826956.74 | 0.60636    | (17111508) | 396937.22 |
| 3826957.44 | 0.61133    | (17111508) |            |           |
| 396912.70  | 3826958.15 | 0.61547    | (17111508) | 396888.18 |
| 3826958.85 | 0.61935    | (17111508) |            |           |
| 396863.65  | 3826959.55 | 0.62208    | (17111508) | 396839.13 |
| 3826960.25 | 0.62277    | (17111508) |            |           |
| 396814.61  | 3826960.95 | 0.62433    | (19081608) | 396790.09 |
| 3826961.66 | 0.63589    | (20102808) |            |           |
| 396765.57  | 3826962.36 | 0.64863    | (20102808) | 396741.05 |
| 3826963.06 | 0.66087    | (20102808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 971

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |         |            |           |
|------------|-----------|------------|---------|------------|-----------|
| -----      |           |            |         |            |           |
|            | 396716.53 | 3826963.76 | 0.67255 | (20102808) | 396692.01 |
| 3826964.47 | 0.68348   | (20102808) |         |            |           |
|            | 396667.49 | 3826965.17 | 0.69413 | (20102808) | 396642.97 |
| 3826965.87 | 0.70376   | (20102808) |         |            |           |
|            | 396618.45 | 3826966.57 | 0.71234 | (20102808) | 396593.92 |
| 3826967.28 | 0.71989   | (20102808) |         |            |           |
|            | 396569.40 | 3826967.98 | 0.72760 | (20102808) | 396544.88 |
| 3826968.68 | 0.73704   | (20102808) |         |            |           |
|            | 396520.36 | 3826969.38 | 0.74353 | (20102808) | 396495.84 |
| 3826970.08 | 0.74765   | (20102808) |         |            |           |
|            | 396471.32 | 3826970.79 | 0.75127 | (20102808) | 396446.80 |
| 3826971.49 | 0.75197   | (20102808) |         |            |           |
|            | 396422.28 | 3826972.19 | 0.74985 | (20102808) | 396397.76 |
| 3826972.89 | 0.74511   | (20102808) |         |            |           |
|            | 396373.24 | 3826973.60 | 0.74641 | (20102808) | 396348.72 |
| 3826974.30 | 0.74584   | (20102808) |         |            |           |
|            | 396324.19 | 3826975.00 | 0.74190 | (20102808) | 396299.67 |
| 3826975.70 | 0.75031   | (19102108) |         |            |           |
|            | 396275.15 | 3826976.41 | 0.75820 | (19102108) | 396250.63 |
| 3826977.11 | 0.76455   | (19102108) |         |            |           |
|            | 396226.11 | 3826977.81 | 0.76782 | (19102108) | 396201.59 |
| 3826978.51 | 0.76788   | (19102108) |         |            |           |
|            | 396177.07 | 3826979.21 | 0.76599 | (19102108) | 396152.55 |
| 3826979.92 | 0.76337   | (19102108) |         |            |           |
|            | 396128.03 | 3826980.62 | 0.76029 | (19102108) | 396103.51 |
| 3826981.32 | 0.75890   | (19102108) |         |            |           |
|            | 396078.98 | 3826982.02 | 0.76303 | (19102108) | 396054.46 |
| 3826982.73 | 0.76756   | (19102108) |         |            |           |
|            | 396029.94 | 3826983.43 | 0.76954 | (19102108) | 396005.42 |
| 3826984.13 | 0.76651   | (19102108) |         |            |           |
|            | 395980.90 | 3826984.83 | 0.74894 | (19102108) | 395956.38 |
| 3826985.54 | 0.72629   | (19102108) |         |            |           |
|            | 395931.86 | 3826986.24 | 0.70321 | (19102108) | 395907.34 |
| 3826986.94 | 0.68091   | (19102108) |         |            |           |
|            | 395882.82 | 3826987.64 | 0.66500 | (19102108) | 395858.30 |
| 3826988.34 | 0.64811   | (19102108) |         |            |           |
|            | 395833.78 | 3826989.05 | 0.62807 | (19102108) | 395809.25 |
| 3826989.75 | 0.62791   | (19100808) |         |            |           |
|            | 395784.73 | 3826990.45 | 0.63295 | (19100808) | 395760.21 |
| 3826991.15 | 0.63696   | (19100808) |         |            |           |
|            | 395735.69 | 3826991.86 | 0.64066 | (19100808) | 395711.17 |
| 3826992.56 | 0.64379   | (19100808) |         |            |           |
|            | 395686.65 | 3826993.26 | 0.64597 | (19100808) | 395662.13 |
| 3826993.96 | 0.64765   | (19100808) |         |            |           |
|            | 395637.61 | 3826994.67 | 0.64881 | (19100808) | 395613.09 |
| 3826995.37 | 0.64949   | (19100808) |         |            |           |
|            | 395588.57 | 3826996.07 | 0.64942 | (19100808) | 395564.05 |
| 3826996.77 | 0.64930   | (19100808) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 395539.52  | 3826997.47         | 0.64858 | (19100808) | 395515.00 |
| 3826998.18 | 0.65091 (19092508) |         |            |           |
| 395490.48  | 3826998.88         | 0.65878 | (19092508) | 395465.96 |
| 3826999.58 | 0.66652 (19092508) |         |            |           |
| 395441.44  | 3827000.28         | 0.66892 | (19092508) | 395416.92 |
| 3827000.99 | 0.67139 (19092508) |         |            |           |
| 395392.40  | 3827001.69         | 0.67723 | (19092508) | 395367.88 |
| 3827002.39 | 0.68481 (16081208) |         |            |           |
| 395343.36  | 3827003.09         | 0.68955 | (16081208) | 395318.84 |
| 3827003.80 | 0.69455 (16081208) |         |            |           |
| 395294.31  | 3827004.50         | 0.70492 | (16081208) | 395269.79 |
| 3827005.20 | 0.71184 (16081208) |         |            |           |
| 395245.27  | 3827005.90         | 0.71908 | (16081208) | 395220.75 |
| 3827006.60 | 0.72637 (16081208) |         |            |           |
| 395196.23  | 3827007.31         | 0.73147 | (16081208) | 395171.71 |
| 3827008.01 | 0.73632 (16081208) |         |            |           |
| 395147.19  | 3827008.71         | 0.74231 | (16081208) | 395122.67 |
| 3827009.41 | 0.73910 (16081208) |         |            |           |
| 395098.15  | 3827010.12         | 0.74402 | (16081208) | 395073.63 |
| 3827010.82 | 0.75127 (20060208) |         |            |           |
| 395049.11  | 3827011.52         | 0.75906 | (20060208) | 395024.58 |
| 3827012.22 | 0.76434 (20060208) |         |            |           |
| 395000.06  | 3827012.93         | 0.76665 | (20060208) | 394975.54 |
| 3827013.63 | 0.76033 (20060208) |         |            |           |
| 394951.02  | 3827014.33         | 0.75657 | (20060208) | 394926.50 |
| 3827015.03 | 0.76094 (20060208) |         |            |           |
| 394901.98  | 3827015.73         | 0.77483 | (20061108) | 394877.46 |
| 3827016.44 | 0.78753 (20061108) |         |            |           |
| 394852.94  | 3827017.14         | 0.79558 | (20061108) | 394828.42 |
| 3827017.84 | 0.80576 (20061108) |         |            |           |
| 394803.90  | 3827018.54         | 0.82308 | (18022608) | 394779.37 |
| 3827019.25 | 0.85213 (18022608) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 972

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 394754.85                  | 3827019.95                     | 0.87100 | (18022608) | 394730.33   |
| 3827020.65                 | 0.90052 (18022608)             |         |            |             |
| 394705.81                  | 3827021.35                     | 0.93517 | (18022608) | 394681.29   |
| 3827022.06                 | 0.96526 (18022608)             |         |            |             |
| 394656.77                  | 3827022.76                     | 0.99467 | (18022608) | 394632.25   |
| 3827023.46                 | 1.02927 (18022608)             |         |            |             |
| 394607.73                  | 3827024.16                     | 1.06634 | (18022608) | 394583.21   |
| 3827024.87                 | 1.08232 (18022608)             |         |            |             |
| 394558.69                  | 3827025.57                     | 1.08301 | (18022608) | 394534.17   |
| 3827026.27                 | 1.08010 (18022608)             |         |            |             |
| 394509.64                  | 3827026.97                     | 1.08520 | (18022608) | 394485.12   |
| 3827027.67                 | 1.10053 (18022608)             |         |            |             |
| 394460.60                  | 3827028.38                     | 1.10940 | (19010308) | 394436.08   |
| 3827029.08                 | 1.14761 (19010308)             |         |            |             |
| 394411.56                  | 3827029.78                     | 1.19010 | (19010308) | 394387.04   |
| 3827030.48                 | 1.24314 (19010308)             |         |            |             |
| 394362.52                  | 3827031.19                     | 1.31734 | (19010308) | 394338.00   |
| 3827031.89                 | 1.34686 (19010308)             |         |            |             |
| 394313.48                  | 3827032.59                     | 1.35305 | (19010308) | 394288.96   |
| 3827033.29                 | 1.34520 (19010308)             |         |            |             |
| 394264.44                  | 3827034.00                     | 1.37954 | (16092808) | 394239.91   |
| 3827034.70                 | 1.49134 (16092808)             |         |            |             |
| 394215.39                  | 3827035.40                     | 1.60688 | (16092808) | 394190.87   |
| 3827036.10                 | 1.70867 (16092808)             |         |            |             |
| 394166.35                  | 3827036.80                     | 1.81149 | (16092808) | 394141.83   |
| 3827037.51                 | 1.91305 (16092808)             |         |            |             |
| 394117.31                  | 3827038.21                     | 1.99065 | (16092808) | 394092.79   |
| 3827038.91                 | 2.05251 (16092808)             |         |            |             |
| 394068.27                  | 3827039.61                     | 2.11120 | (16092808) | 394043.75   |
| 3827040.32                 | 2.15919 (16092808)             |         |            |             |
| 394019.23                  | 3827041.02                     | 2.18773 | (16092808) | 393994.70   |
| 3827041.72                 | 2.20395 (16092808)             |         |            |             |
| 393970.18                  | 3827042.42                     | 2.23543 | (16092808) | 393945.66   |
| 3827043.13                 | 2.29721 (16092808)             |         |            |             |
| 393921.14                  | 3827043.83                     | 2.35774 | (16092808) | 393896.62   |
| 3827044.53                 | 2.35522 (16092808)             |         |            |             |
| 393872.10                  | 3827045.23                     | 2.32421 | (16092808) | 393847.58   |
| 3827045.93                 | 2.31323 (16092808)             |         |            |             |
| 393823.06                  | 3827046.64                     | 2.38096 | (16092808) | 393798.54   |
| 3827047.34                 | 2.50980 (16092808)             |         |            |             |
| 393774.02                  | 3827048.04                     | 2.46850 | (16092808) | 393749.50   |
| 3827048.74                 | 2.29715 (16092808)             |         |            |             |
| 393724.97                  | 3827049.45                     | 2.18124 | (16092808) | 393700.45   |
| 3827050.15                 | 2.12248 (16092808)             |         |            |             |
| 393675.93                  | 3827050.85                     | 2.03886 | (16092808) | 393651.41   |
| 3827051.55                 | 1.86305 (16092808)             |         |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393626.89  | 3827052.26         | 1.85333 | (19120224) | 393602.37 |
| 3827052.96 | 1.89977 (19120224) |         |            |           |
| 393577.85  | 3827053.66         | 1.93683 | (19120224) | 393553.33 |
| 3827054.36 | 2.03307 (19121308) |         |            |           |
| 393528.81  | 3827055.06         | 2.26124 | (19092024) | 393504.29 |
| 3827055.77 | 2.58759 (19092024) |         |            |           |
| 393479.76  | 3827056.47         | 2.84506 | (19092024) | 393455.24 |
| 3827057.17 | 3.09868 (19092024) |         |            |           |
| 393430.72  | 3827057.87         | 3.35310 | (19092024) | 393406.20 |
| 3827058.58 | 3.49492 (19092024) |         |            |           |
| 393381.68  | 3827059.28         | 3.40850 | (19092024) | 393357.16 |
| 3827059.98 | 3.17365 (19092024) |         |            |           |
| 393332.64  | 3827060.68         | 2.99772 | (19092024) | 393308.12 |
| 3827061.39 | 2.87042 (19092024) |         |            |           |
| 393283.60  | 3827062.09         | 2.79771 | (19092024) | 393259.08 |
| 3827062.79 | 2.82424 (19092024) |         |            |           |
| 393234.56  | 3827063.49         | 2.83506 | (19092024) | 393210.03 |
| 3827064.19 | 2.70726 (19092024) |         |            |           |
| 393185.51  | 3827064.90         | 2.73566 | (19092024) | 393160.99 |
| 3827065.60 | 2.88435 (19092024) |         |            |           |
| 393136.47  | 3827066.30         | 3.00565 | (19092024) | 393111.95 |
| 3827067.00 | 3.16375 (19092024) |         |            |           |
| 393087.43  | 3827067.71         | 3.21667 | (16082908) | 393062.91 |
| 3827068.41 | 3.41106 (16082908) |         |            |           |
| 393038.39  | 3827069.11         | 3.55475 | (16082908) | 393013.87 |
| 3827069.81 | 3.63526 (16082908) |         |            |           |
| 392989.35  | 3827070.52         | 3.60158 | (16082908) | 392964.83 |
| 3827071.22 | 3.43094 (16082908) |         |            |           |
| 392940.30  | 3827071.92         | 3.21272 | (16082908) | 392915.78 |
| 3827072.62 | 3.07663 (16082908) |         |            |           |
| 404839.95  | 3822658.79         | 0.61998 | (17111224) | 404853.15 |
| 3822638.03 | 0.62323 (17111224) |         |            |           |
| 405945.96  | 3823389.65         | 0.53816 | (17111224) | 405926.83 |
| 3823405.10 | 0.53426 (17111224) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 973

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 405907.70                  | 3823420.54                     | 0.52936 | (17111224) | 405888.57   |
| 3823435.99                 | 0.52352 (17111224)             |         |            |             |
| 405869.43                  | 3823451.43                     | 0.51687 | (17111224) | 405850.30   |
| 3823466.88                 | 0.50912 (17111224)             |         |            |             |
| 405831.17                  | 3823482.33                     | 0.51083 | (18112008) | 405812.03   |
| 3823497.77                 | 0.52141 (18112008)             |         |            |             |
| 405792.90                  | 3823513.22                     | 0.53106 | (18112008) | 405773.77   |
| 3823528.66                 | 0.53977 (18112008)             |         |            |             |
| 405754.63                  | 3823544.11                     | 0.54716 | (18112008) | 405735.50   |
| 3823559.56                 | 0.55367 (18112008)             |         |            |             |
| 405716.37                  | 3823575.00                     | 0.55809 | (18112008) | 405697.23   |
| 3823590.45                 | 0.56059 (18112008)             |         |            |             |
| 405678.10                  | 3823605.90                     | 0.56343 | (18112008) | 405658.97   |
| 3823621.34                 | 0.56456 (18112008)             |         |            |             |
| 405639.83                  | 3823636.79                     | 0.56818 | (18112008) | 405620.70   |
| 3823652.23                 | 0.56780 (18112008)             |         |            |             |
| 405601.57                  | 3823667.68                     | 0.56523 | (18112008) | 405582.43   |
| 3823683.13                 | 0.56186 (18112008)             |         |            |             |
| 405563.30                  | 3823698.57                     | 0.56054 | (18112008) | 405544.17   |
| 3823714.02                 | 0.55574 (18112008)             |         |            |             |
| 405525.04                  | 3823729.46                     | 0.54915 | (18112008) | 405505.90   |
| 3823744.91                 | 0.54178 (18112008)             |         |            |             |
| 405486.77                  | 3823760.36                     | 0.53575 | (18112008) | 405467.64   |
| 3823775.80                 | 0.52676 (18112008)             |         |            |             |
| 405448.50                  | 3823791.25                     | 0.51588 | (18112008) | 405429.37   |
| 3823806.69                 | 0.52900 (16123008)             |         |            |             |
| 405410.24                  | 3823822.14                     | 0.54574 | (16123008) | 405391.10   |
| 3823837.59                 | 0.56656 (19011108)             |         |            |             |
| 405371.97                  | 3823853.03                     | 0.59147 | (19011108) | 405352.84   |
| 3823868.48                 | 0.60723 (19011108)             |         |            |             |
| 405333.70                  | 3823883.92                     | 0.62482 | (19011108) | 405314.57   |
| 3823899.37                 | 0.64230 (19011108)             |         |            |             |
| 405295.44                  | 3823914.82                     | 0.65260 | (19011108) | 405276.30   |
| 3823930.26                 | 0.66398 (19011108)             |         |            |             |
| 405257.17                  | 3823945.71                     | 0.68074 | (19011108) | 405238.04   |
| 3823961.15                 | 0.68953 (19011108)             |         |            |             |
| 405218.90                  | 3823976.60                     | 0.69204 | (19011108) | 405199.77   |
| 3823992.05                 | 0.69801 (19011108)             |         |            |             |
| 405180.64                  | 3824007.49                     | 0.70539 | (19011108) | 405161.50   |
| 3824022.94                 | 0.70339 (19011108)             |         |            |             |
| 405142.37                  | 3824038.38                     | 0.69641 | (19011108) | 405123.24   |
| 3824053.83                 | 0.68959 (19011108)             |         |            |             |
| 405104.11                  | 3824069.28                     | 0.68211 | (19011108) | 405084.97   |
| 3824084.72                 | 0.67610 (19011108)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 405065.84  | 3824100.17 | 0.67056    | (19011108) | 405046.71 |
| 3824115.62 | 0.65929    | (19011108) |            |           |
| 405027.57  | 3824131.06 | 0.64348    | (19011108) | 405008.44 |
| 3824146.51 | 0.62529    | (19011108) |            |           |
| 404989.31  | 3824161.95 | 0.61384    | (16123008) | 404970.17 |
| 3824177.40 | 0.60426    | (16123008) |            |           |
| 404951.04  | 3824192.85 | 0.59299    | (16123008) | 404931.91 |
| 3824208.29 | 0.57974    | (16123008) |            |           |
| 404912.77  | 3824223.74 | 0.56464    | (16123008) | 404893.64 |
| 3824239.18 | 0.54721    | (16123008) |            |           |
| 404874.51  | 3824254.63 | 0.53049    | (16123008) | 404855.37 |
| 3824270.08 | 0.51574    | (16123008) |            |           |
| 404836.24  | 3824285.52 | 0.50027    | (16123008) | 404817.11 |
| 3824300.97 | 0.48602    | (16123008) |            |           |
| 404797.97  | 3824316.41 | 0.47233    | (16123008) | 404778.84 |
| 3824331.86 | 0.45224    | (16123008) |            |           |
| 404759.71  | 3824347.31 | 0.43115    | (16123008) | 404740.58 |
| 3824362.75 | 0.42508    | (20082624) |            |           |
| 404721.44  | 3824378.20 | 0.42443    | (20082624) | 404702.31 |
| 3824393.64 | 0.42365    | (20082624) |            |           |
| 404683.18  | 3824409.09 | 0.42194    | (20082624) | 404664.04 |
| 3824424.54 | 0.41972    | (20082624) |            |           |
| 404644.91  | 3824439.98 | 0.41746    | (20082624) | 404625.78 |
| 3824455.43 | 0.41494    | (20082624) |            |           |
| 404606.64  | 3824470.87 | 0.41186    | (20082624) | 404587.51 |
| 3824486.32 | 0.40878    | (20082624) |            |           |
| 404568.38  | 3824501.77 | 0.40529    | (20082624) | 404549.24 |
| 3824517.21 | 0.40378    | (16031224) |            |           |
| 404530.11  | 3824532.66 | 0.40423    | (16031224) | 404510.98 |
| 3824548.11 | 0.40401    | (16031224) |            |           |
| 404491.84  | 3824563.55 | 0.40303    | (16031224) | 404472.71 |
| 3824579.00 | 0.40410    | (17071108) |            |           |
| 404453.58  | 3824594.44 | 0.40978    | (17071108) | 404434.44 |
| 3824609.89 | 0.41686c   | (17120808) |            |           |
| 404415.31  | 3824625.34 | 0.42384c   | (17120808) | 404396.18 |
| 3824640.78 | 0.42955c   | (17120808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 974

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*



\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|----------|------------|-------------|
| -----       | -----       | -----               | -----      | -----    | -----      | -----       |
| 3824671.67  | 404377.05   | 3824656.23          |            | 0.43545c | (17120808) | 404357.91   |
|             |             | 0.44273c            | (17120808) |          |            |             |
| 3824702.57  | 404338.78   | 3824687.12          |            | 0.44786c | (17120808) | 404319.65   |
|             |             | 0.45197c            | (17120808) |          |            |             |
| 3824733.46  | 404300.51   | 3824718.01          |            | 0.45450c | (17120808) | 404281.38   |
|             |             | 0.45696c            | (17120808) |          |            |             |
| 3824764.35  | 404262.25   | 3824748.90          |            | 0.45823c | (17120808) | 404243.11   |
|             |             | 0.45856c            | (17120808) |          |            |             |
| 3824795.24  | 404223.98   | 3824779.80          |            | 0.45828c | (17120808) | 404204.85   |
|             |             | 0.45744c            | (17120808) |          |            |             |
| 3824826.13  | 404185.71   | 3824810.69          |            | 0.45858  | (17071108) | 404166.58   |
|             |             | 0.45898             | (17071108) |          |            |             |
| 3824857.03  | 404147.45   | 3824841.58          |            | 0.45890  | (17071108) | 404128.31   |
|             |             | 0.45914             | (17071108) |          |            |             |
| 3824887.92  | 404109.18   | 3824872.47          |            | 0.45862  | (17071108) | 404090.05   |
|             |             | 0.45771             | (17071108) |          |            |             |
| 3824918.81  | 404070.91   | 3824903.36          |            | 0.45694  | (16040508) | 404051.78   |
|             |             | 0.46277             | (16040508) |          |            |             |
| 3824949.70  | 404032.65   | 3824934.26          |            | 0.46801  | (16040508) | 404013.51   |
|             |             | 0.47266             | (16040508) |          |            |             |
| 3824980.60  | 403994.38   | 3824965.15          |            | 0.47670  | (16040508) | 403975.25   |
|             |             | 0.48012             | (16040508) |          |            |             |
| 3825011.49  | 403956.12   | 3824996.04          |            | 0.48299  | (16040508) | 403936.98   |
|             |             | 0.48521             | (16040508) |          |            |             |
| 3825042.38  | 403917.85   | 3825026.93          |            | 0.48684  | (16040508) | 403898.72   |
|             |             | 0.48782             | (16040508) |          |            |             |
| 3825073.27  | 403879.58   | 3825057.83          |            | 0.48812  | (16040508) | 403860.45   |
|             |             | 0.48779             | (16040508) |          |            |             |
| 3825104.16  | 403841.32   | 3825088.72          |            | 0.48675  | (16040508) | 403822.18   |
|             |             | 0.48480             | (16040508) |          |            |             |
| 3825135.06  | 403803.05   | 3825119.61          |            | 0.48219  | (16040508) | 403783.92   |
|             |             | 0.47887             | (16040508) |          |            |             |
| 3825165.95  | 403764.78   | 3825150.50          |            | 0.47506  | (16040508) | 403745.65   |
|             |             | 0.47060             | (16040508) |          |            |             |
| 3825196.84  | 403726.52   | 3825181.39          |            | 0.46474  | (16040508) | 403707.38   |
|             |             | 0.45833             | (16040508) |          |            |             |
| 3825227.73  | 403688.25   | 3825212.29          |            | 0.45249  | (17110924) | 403669.12   |
|             |             | 0.45172             | (17110924) |          |            |             |
| 3825258.62  | 403649.98   | 3825243.18          |            | 0.44863  | (17110924) | 403630.85   |
|             |             | 0.44501             | (17110924) |          |            |             |
| 3825289.52  | 403611.72   | 3825274.07          |            | 0.44081  | (17110924) | 403592.59   |
|             |             | 0.43603             | (17110924) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403573.45  | 3825304.96 | 0.42984    | (17110924) | 403554.32 |
| 3825320.41 | 0.42314    | (17110924) |            |           |
| 403535.19  | 3825335.85 | 0.42370    | (16031824) | 403516.05 |
| 3825351.30 | 0.42788    | (16031824) |            |           |
| 403496.92  | 3825366.75 | 0.43202    | (16031824) | 403477.79 |
| 3825382.19 | 0.43645    | (16031824) |            |           |
| 403458.65  | 3825397.64 | 0.44100    | (16031824) | 403439.52 |
| 3825413.09 | 0.44526    | (16031824) |            |           |
| 403420.39  | 3825428.53 | 0.44866    | (16031824) | 403401.25 |
| 3825443.98 | 0.45008    | (16031824) |            |           |
| 403382.12  | 3825459.42 | 0.44924    | (16031824) | 403362.99 |
| 3825474.87 | 0.44803    | (16031824) |            |           |
| 403343.85  | 3825490.32 | 0.44753    | (16031824) | 403324.72 |
| 3825505.76 | 0.44495    | (16031824) |            |           |
| 403305.59  | 3825521.21 | 0.44092    | (16031824) | 403286.45 |
| 3825536.65 | 0.43616    | (16031824) |            |           |
| 403267.32  | 3825552.10 | 0.43277    | (16031824) | 403248.19 |
| 3825567.55 | 0.42955    | (16031824) |            |           |
| 403229.06  | 3825582.99 | 0.42699    | (16031824) | 403209.92 |
| 3825598.44 | 0.42405    | (16031824) |            |           |
| 403190.79  | 3825613.88 | 0.41923    | (16031824) | 403171.66 |
| 3825629.33 | 0.41335    | (16031824) |            |           |
| 403152.52  | 3825644.78 | 0.40660    | (16031824) | 403133.39 |
| 3825660.22 | 0.39909    | (16031824) |            |           |
| 403114.26  | 3825675.67 | 0.39204    | (16031824) | 403095.12 |
| 3825691.11 | 0.38476    | (16031824) |            |           |
| 403075.99  | 3825706.56 | 0.37556    | (16031824) | 403056.86 |
| 3825722.01 | 0.36609    | (16011924) |            |           |
| 403037.72  | 3825737.45 | 0.36808    | (16011924) | 403018.59 |
| 3825752.90 | 0.36971    | (16011924) |            |           |
| 402999.46  | 3825768.34 | 0.37093    | (16011924) | 402980.32 |
| 3825783.79 | 0.37184    | (16011924) |            |           |
| 402961.19  | 3825799.24 | 0.37278    | (16011924) | 402942.06 |
| 3825814.68 | 0.37333    | (16011924) |            |           |
| 402922.92  | 3825830.13 | 0.37354    | (16011924) | 402903.79 |
| 3825845.58 | 0.37343    | (16011924) |            |           |
| 402884.66  | 3825861.02 | 0.37309    | (16011924) | 402865.52 |
| 3825876.47 | 0.37233    | (16011924) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 975

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 402846.39   | 3825891.91  | 0.37110        | (16011924) | 402827.26          |  |
| 3825907.36  | 0.36941     | (16011924)     |            |                    |  |
| 402808.13   | 3825922.81  | 0.36750        | (16011924) | 402788.99          |  |
| 3825938.25  | 0.36612     | (17100408)     |            |                    |  |
| 402769.86   | 3825953.70  | 0.37247        | (17100408) | 402750.73          |  |
| 3825969.14  | 0.37847     | (17100408)     |            |                    |  |
| 402731.59   | 3825984.59  | 0.38376        | (17100408) | 402712.46          |  |
| 3826000.04  | 0.38784     | (17100408)     |            |                    |  |
| 402693.33   | 3826015.48  | 0.38973        | (17100408) | 402674.19          |  |
| 3826030.93  | 0.38793     | (17100408)     |            |                    |  |
| 402655.06   | 3826046.37  | 0.38730        | (17100408) | 402635.93          |  |
| 3826061.82  | 0.39219     | (17100408)     |            |                    |  |
| 402616.79   | 3826077.27  | 0.39760        | (17100408) | 402597.66          |  |
| 3826092.71  | 0.40033     | (20040824)     |            |                    |  |
| 402578.53   | 3826108.16  | 0.40683        | (20040824) | 402559.39          |  |
| 3826123.60  | 0.41175     | (20040824)     |            |                    |  |
| 402540.26   | 3826139.05  | 0.41719        | (20040824) | 402521.13          |  |
| 3826154.50  | 0.42158     | (20040824)     |            |                    |  |
| 402501.99   | 3826169.94  | 0.42648        | (20040824) | 402482.86          |  |
| 3826185.39  | 0.43120     | (20040824)     |            |                    |  |
| 402463.73   | 3826200.83  | 0.43512        | (20040824) | 402444.60          |  |
| 3826216.28  | 0.43815     | (20040824)     |            |                    |  |
| 402425.46   | 3826231.73  | 0.44071        | (20040824) | 402406.33          |  |
| 3826247.17  | 0.44261     | (20040824)     |            |                    |  |
| 402387.20   | 3826262.62  | 0.44406        | (20040824) | 402368.06          |  |
| 3826278.07  | 0.44582     | (20040824)     |            |                    |  |
| 402348.93   | 3826293.51  | 0.44718        | (20040824) | 402329.80          |  |
| 3826308.96  | 0.44655     | (20040824)     |            |                    |  |
| 402310.66   | 3826324.40  | 0.44591        | (20040824) | 402291.53          |  |
| 3826339.85  | 0.44509     | (20040824)     |            |                    |  |
| 402272.40   | 3826355.30  | 0.44382        | (20040824) | 402253.26          |  |
| 3826370.74  | 0.44239     | (20040824)     |            |                    |  |
| 402234.13   | 3826386.19  | 0.44059        | (20040824) | 402215.00          |  |
| 3826401.63  | 0.43805     | (20040824)     |            |                    |  |
| 402195.86   | 3826417.08  | 0.43515        | (20040824) | 402176.73          |  |
| 3826432.53  | 0.43139     | (20040824)     |            |                    |  |
| 402157.60   | 3826447.97  | 0.42703        | (20040824) | 402138.46          |  |
| 3826463.42  | 0.42230     | (20040824)     |            |                    |  |
| 402119.33   | 3826478.86  | 0.41687        | (20040824) | 402100.20          |  |
| 3826494.31  | 0.41053     | (20040824)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402081.07  | 3826509.76 | 0.40479    | (20040824) | 402061.93 |
| 3826525.20 | 0.39864    | (20040824) |            |           |
| 402042.80  | 3826540.65 | 0.39203    | (20040824) | 402023.67 |
| 3826556.09 | 0.38478    | (20040824) |            |           |
| 402004.53  | 3826571.54 | 0.37717    | (20040824) | 401985.40 |
| 3826586.99 | 0.36923    | (20040824) |            |           |
| 401966.27  | 3826602.43 | 0.36105    | (20040824) | 401947.13 |
| 3826617.88 | 0.35765    | (16112524) |            |           |
| 401928.00  | 3826633.32 | 0.36455    | (16112524) | 401908.87 |
| 3826648.77 | 0.37249    | (16112524) |            |           |
| 401889.73  | 3826664.22 | 0.37976    | (16112524) | 401870.60 |
| 3826679.66 | 0.38643    | (16112524) |            |           |
| 401851.47  | 3826695.11 | 0.39247    | (16112524) | 401832.33 |
| 3826710.56 | 0.39622    | (16112524) |            |           |
| 401813.20  | 3826726.00 | 0.39903    | (16112524) | 401794.07 |
| 3826741.45 | 0.40298    | (16112524) |            |           |
| 401774.93  | 3826756.89 | 0.40635    | (16112524) | 401755.80 |
| 3826772.34 | 0.40731    | (16112524) |            |           |
| 401736.67  | 3826787.79 | 0.40725    | (16112524) | 401717.53 |
| 3826803.23 | 0.40625    | (16112524) |            |           |
| 401698.40  | 3826818.68 | 0.40495    | (16112524) | 401679.27 |
| 3826834.12 | 0.40224    | (16112524) |            |           |
| 401660.14  | 3826849.57 | 0.39872    | (16112524) | 401641.00 |
| 3826865.02 | 0.39448    | (16112524) |            |           |
| 401621.87  | 3826880.46 | 0.38923    | (16112524) | 401602.74 |
| 3826895.91 | 0.38535    | (16112524) |            |           |
| 401583.60  | 3826911.35 | 0.38734    | (16101308) | 401564.47 |
| 3826926.80 | 0.39253    | (16101308) |            |           |
| 401545.34  | 3826942.25 | 0.39718    | (16101308) | 401526.20 |
| 3826957.69 | 0.40290    | (16101308) |            |           |
| 401507.07  | 3826973.14 | 0.40762    | (16101308) | 401487.94 |
| 3826988.58 | 0.41135    | (16101308) |            |           |
| 401468.80  | 3827004.03 | 0.41464    | (16101308) | 401449.67 |
| 3827019.48 | 0.41763    | (16101308) |            |           |
| 401430.54  | 3827034.92 | 0.41984    | (16101308) | 401411.40 |
| 3827050.37 | 0.42137    | (16101308) |            |           |
| 401392.27  | 3827065.81 | 0.42284    | (16101308) | 401373.14 |
| 3827081.26 | 0.42353    | (16101308) |            |           |
| 401354.00  | 3827096.71 | 0.42319    | (16101308) | 401334.87 |
| 3827112.15 | 0.42247    | (16101308) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 976

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|--------------------|----------------|------------|--------------------|-------------|
| **          |                    |                |            |                    |             |
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |             |
| -----       |                    |                |            |                    |             |
| -----       |                    |                |            |                    |             |
| 401315.74   | 3827127.60         | 0.42167        | (16101308) |                    | 401296.61   |
| 3827143.04  | 0.42009 (16101308) |                |            |                    |             |
| 401277.47   | 3827158.49         | 0.41773        | (16101308) |                    | 401258.34   |
| 3827173.94  | 0.41505 (16101308) |                |            |                    |             |
| 401239.21   | 3827189.38         | 0.41204        | (16101308) |                    | 401220.07   |
| 3827204.83  | 0.40768 (16101308) |                |            |                    |             |
| 401200.94   | 3827220.28         | 0.40489        | (16111008) |                    | 401181.81   |
| 3827235.72  | 0.40964 (16111008) |                |            |                    |             |
| 401162.67   | 3827251.17         | 0.41393        | (16111008) |                    | 401143.54   |
| 3827266.61  | 0.41768 (16111008) |                |            |                    |             |
| 401124.41   | 3827282.06         | 0.42003        | (16111008) |                    | 401105.27   |
| 3827297.51  | 0.42171 (16111008) |                |            |                    |             |
| 401086.14   | 3827312.95         | 0.42265        | (16111008) |                    | 401067.01   |
| 3827328.40  | 0.42377 (16111008) |                |            |                    |             |
| 401047.87   | 3827343.84         | 0.42385        | (16111008) |                    | 401028.74   |
| 3827359.29  | 0.42317 (16111008) |                |            |                    |             |
| 401009.61   | 3827374.74         | 0.42219        | (16111008) |                    | 400990.47   |
| 3827390.18  | 0.42005 (16111008) |                |            |                    |             |
| 400971.34   | 3827405.63         | 0.41605        | (16111008) |                    | 400952.21   |
| 3827421.07  | 0.41144 (16111008) |                |            |                    |             |
| 400933.07   | 3827436.52         | 0.40692        | (16111008) |                    | 400913.94   |
| 3827451.97  | 0.40417 (16111008) |                |            |                    |             |
| 400894.81   | 3827467.41         | 0.39839        | (16111008) |                    | 400875.68   |
| 3827482.86  | 0.39131 (16111008) |                |            |                    |             |
| 400856.54   | 3827498.30         | 0.38655        | (18052208) |                    | 400837.41   |
| 3827513.75  | 0.38664 (18052208) |                |            |                    |             |
| 400818.28   | 3827529.20         | 0.38618        | (18052208) |                    | 400799.14   |
| 3827544.64  | 0.38530 (18052208) |                |            |                    |             |
| 400780.01   | 3827560.09         | 0.38411        | (18052208) |                    | 400760.88   |
| 3827575.53  | 0.38629 (17101908) |                |            |                    |             |
| 400741.74   | 3827590.98         | 0.39024        | (17101908) |                    | 400722.61   |
| 3827606.43  | 0.39303 (17101908) |                |            |                    |             |
| 400703.48   | 3827621.87         | 0.39512        | (17101908) |                    | 400684.34   |
| 3827637.32  | 0.39657 (17101908) |                |            |                    |             |
| 400665.21   | 3827652.77         | 0.39768        | (17101908) |                    | 400646.08   |
| 3827668.21  | 0.39834 (17101908) |                |            |                    |             |
| 400626.94   | 3827683.66         | 0.39799        | (17101908) |                    | 400607.81   |
| 3827699.10  | 0.39634 (17101908) |                |            |                    |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 400588.68  | 3827714.55         | 0.39505 | (17101908) | 400569.54 |
| 3827730.00 | 0.39357 (17101908) |         |            |           |
| 400550.41  | 3827745.44         | 0.39803 | (18081708) | 400531.28 |
| 3827760.89 | 0.40266 (18081708) |         |            |           |
| 400512.15  | 3827776.33         | 0.40634 | (18081708) | 400493.01 |
| 3827791.78 | 0.40895 (18081708) |         |            |           |
| 400473.88  | 3827807.23         | 0.41101 | (18081708) | 400454.75 |
| 3827822.67 | 0.41439 (17072108) |         |            |           |
| 400435.61  | 3827838.12         | 0.41938 | (17072108) | 400416.48 |
| 3827853.56 | 0.42423 (17072108) |         |            |           |
| 400397.35  | 3827869.01         | 0.42864 | (17072108) | 400378.21 |
| 3827884.46 | 0.43267 (17072108) |         |            |           |
| 400359.08  | 3827899.90         | 0.43614 | (17072108) | 400339.95 |
| 3827915.35 | 0.43966 (17072108) |         |            |           |
| 400320.81  | 3827930.79         | 0.44262 | (17072108) | 400301.68 |
| 3827946.24 | 0.44513 (17072108) |         |            |           |
| 400282.55  | 3827961.69         | 0.44721 | (17072108) | 400263.41 |
| 3827977.13 | 0.44844 (17072108) |         |            |           |
| 400244.28  | 3827992.58         | 0.44900 | (17072108) | 400225.15 |
| 3828008.02 | 0.44904 (17072108) |         |            |           |
| 400206.01  | 3828023.47         | 0.44917 | (17072108) | 400186.88 |
| 3828038.92 | 0.44927 (17072108) |         |            |           |
| 400167.75  | 3828054.36         | 0.44840 | (17072108) | 400148.62 |
| 3828069.81 | 0.44672 (17072108) |         |            |           |
| 400129.48  | 3828085.26         | 0.44491 | (17072108) | 400110.35 |
| 3828100.70 | 0.44292 (17072108) |         |            |           |
| 400091.22  | 3828116.15         | 0.43914 | (17072108) | 400047.50 |
| 3828132.30 | 0.44338 (19062408) |         |            |           |
| 400022.92  | 3828133.00         | 0.44992 | (19062408) | 399998.34 |
| 3828133.71 | 0.45622 (19062408) |         |            |           |
| 399973.76  | 3828134.41         | 0.46232 | (19062408) | 399949.18 |
| 3828135.11 | 0.46820 (19062408) |         |            |           |
| 399924.60  | 3828135.82         | 0.47372 | (19062408) | 399900.02 |
| 3828136.52 | 0.47903 (19062408) |         |            |           |
| 399875.44  | 3828137.23         | 0.48400 | (19062408) | 399850.86 |
| 3828137.93 | 0.48902 (19062408) |         |            |           |
| 399826.29  | 3828138.63         | 0.49346 | (19062408) | 399801.71 |
| 3828139.34 | 0.49727 (19062408) |         |            |           |
| 399777.13  | 3828140.04         | 0.50041 | (19062408) | 399752.55 |
| 3828140.75 | 0.50370 (19062408) |         |            |           |
| 399727.97  | 3828141.45         | 0.50664 | (19062408) | 399703.39 |
| 3828142.15 | 0.50931 (19062408) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                    | IN MICROGRAMS/M**3 |             |
|----------------|--------------------|--------------------|-------------|
| **             |                    |                    |             |
| X-COORD (M)    | Y-COORD (M)        | CONC (YYMMDDHH)    | X-COORD (M) |
| Y-COORD (M)    | CONC (YYMMDDHH)    |                    |             |
| -----          |                    |                    |             |
| 399678.81      | 3828142.86         | 0.51167 (19062408) | 399654.23   |
| 3828143.56     | 0.51354 (19062408) |                    |             |
| 399629.65      | 3828144.27         | 0.51491 (19062408) | 399605.07   |
| 3828144.97     | 0.51602 (19062408) |                    |             |
| 399580.49      | 3828145.67         | 0.51684 (19062408) | 399555.91   |
| 3828146.38     | 0.51731 (19062408) |                    |             |
| 399531.33      | 3828147.08         | 0.51741 (19062408) | 399506.75   |
| 3828147.79     | 0.51722 (19062408) |                    |             |
| 399482.17      | 3828148.49         | 0.51668 (19062408) | 399457.59   |
| 3828149.19     | 0.51563 (19062408) |                    |             |
| 399433.01      | 3828149.90         | 0.51417 (19062408) | 399408.43   |
| 3828150.60     | 0.51242 (19062408) |                    |             |
| 399383.85      | 3828151.31         | 0.51044 (19062408) | 399359.27   |
| 3828152.01     | 0.50817 (19062408) |                    |             |
| 399334.69      | 3828152.71         | 0.50557 (19062408) | 399310.11   |
| 3828153.42     | 0.50269 (19062408) |                    |             |
| 399285.53      | 3828154.12         | 0.50379 (17091808) | 399260.95   |
| 3828154.83     | 0.50799 (17091808) |                    |             |
| 399236.37      | 3828155.53         | 0.51105 (17091808) | 399211.79   |
| 3828156.23     | 0.51370 (17091808) |                    |             |
| 399187.21      | 3828156.94         | 0.51625 (17091808) | 399162.63   |
| 3828157.64     | 0.51779 (17091808) |                    |             |
| 399138.05      | 3828158.35         | 0.51837 (17091808) | 399113.47   |
| 3828159.05     | 0.51781 (17091808) |                    |             |
| 399088.89      | 3828159.75         | 0.51624 (17091808) | 399064.31   |
| 3828160.46     | 0.51388 (17091808) |                    |             |
| 399039.73      | 3828161.16         | 0.51059 (17091808) | 399015.15   |
| 3828161.87     | 0.50733 (17091808) |                    |             |
| 398990.57      | 3828162.57         | 0.50417 (17091808) | 398965.99   |
| 3828163.27     | 0.50208 (18110308) |                    |             |
| 398941.41      | 3828163.98         | 0.50654 (18110308) | 398916.83   |
| 3828164.68     | 0.51040 (18110308) |                    |             |
| 398892.26      | 3828165.39         | 0.51405 (18110308) | 398867.68   |
| 3828166.09     | 0.51749 (18110308) |                    |             |
| 398843.10      | 3828166.79         | 0.51926 (18110308) | 398818.52   |
| 3828167.50     | 0.51976 (18110308) |                    |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 397712.43   | 3828199.18  | 0.56195    | (19060308) | 397687.85   |
| 3828199.88  | 0.55516     | (19060308) |            |             |
| 397663.27   | 3828200.59  | 0.54801    | (19060308) | 397638.69   |
| 3828201.29  | 0.54025     | (19060308) |            |             |
| 397614.11   | 3828201.99  | 0.53222    | (19060308) | 397589.53   |
| 3828202.70  | 0.52417     | (19060308) |            |             |
| 397564.95   | 3828203.40  | 0.51579    | (19060308) | 397540.37   |
| 3828204.11  | 0.50709     | (19060308) |            |             |
| 397515.79   | 3828204.81  | 0.49819    | (19060308) | 397491.21   |
| 3828205.51  | 0.48965     | (19060308) |            |             |
| 397466.63   | 3828206.22  | 0.48071    | (19060308) | 397442.05   |
| 3828206.92  | 0.47095     | (19060308) |            |             |
| 397417.47   | 3828207.63  | 0.46801    | (20072908) | 397392.89   |
| 3828208.33  | 0.46696     | (20072508) |            |             |
| 397368.31   | 3828209.03  | 0.47250    | (20072508) | 397343.73   |
| 3828209.74  | 0.47835     | (20072508) |            |             |
| 397319.15   | 3828210.44  | 0.48363    | (20072508) | 397294.57   |
| 3828211.15  | 0.48818     | (20072508) |            |             |
| 397269.99   | 3828211.85  | 0.49241    | (20072508) | 397245.41   |
| 3828212.55  | 0.49630     | (17111508) |            |             |
| 397220.83   | 3828213.26  | 0.50090    | (17111508) | 397196.25   |
| 3828213.96  | 0.50488     | (17111508) |            |             |
| 397171.67   | 3828214.67  | 0.50820    | (17111508) | 397147.09   |
| 3828215.37  | 0.51027     | (17111508) |            |             |
| 397122.51   | 3828216.07  | 0.51116    | (17111508) | 397097.93   |
| 3828216.78  | 0.51088     | (20072508) |            |             |
| 397073.35   | 3828217.48  | 0.51551    | (19081608) | 397048.77   |
| 3828218.19  | 0.52389     | (19081608) |            |             |
| 397024.19   | 3828218.89  | 0.53183    | (19081608) | 396999.62   |
| 3828219.59  | 0.53926     | (19081608) |            |             |
| 396975.04   | 3828220.30  | 0.54613    | (19081608) | 396950.46   |
| 3828221.00  | 0.55258     | (19081608) |            |             |
| 396925.88   | 3828221.71  | 0.55863    | (19081608) | 396901.30   |
| 3828222.41  | 0.56414     | (19081608) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 396876.72  | 3828223.11         | 0.56904 | (19081608) | 396852.14 |
| 3828223.82 | 0.57331 (19081608) |         |            |           |
| 396827.56  | 3828224.52         | 0.57689 | (19081608) | 396802.98 |
| 3828225.23 | 0.57958 (19081608) |         |            |           |
| 396778.40  | 3828225.93         | 0.58186 | (19081608) | 396753.82 |
| 3828226.63 | 0.58379 (19081608) |         |            |           |
| 396729.24  | 3828227.34         | 0.58508 | (19081608) | 396704.66 |
| 3828228.04 | 0.58558 (19081608) |         |            |           |
| 396680.08  | 3828228.75         | 0.58539 | (19081608) | 396655.50 |
| 3828229.45 | 0.58468 (19081608) |         |            |           |
| 396630.92  | 3828230.15         | 0.58320 | (19081608) | 396606.34 |
| 3828230.86 | 0.58088 (19081608) |         |            |           |
| 396581.76  | 3828231.56         | 0.57868 | (20102808) | 396557.18 |
| 3828232.27 | 0.57724 (20102808) |         |            |           |
| 396532.60  | 3828232.97         | 0.57524 | (20102808) | 396508.02 |
| 3828233.67 | 0.57225 (20102808) |         |            |           |
| 396483.44  | 3828234.38         | 0.57445 | (19102108) | 396458.86 |
| 3828235.08 | 0.58101 (19102108) |         |            |           |
| 396434.28  | 3828235.79         | 0.58544 | (19102108) | 396409.70 |
| 3828236.49 | 0.58959 (19102108) |         |            |           |
| 396385.12  | 3828237.19         | 0.59057 | (19102108) | 396360.54 |
| 3828237.90 | 0.59251 (19102108) |         |            |           |
| 396335.96  | 3828238.60         | 0.59396 | (19102108) | 396311.38 |
| 3828239.31 | 0.59517 (19102108) |         |            |           |
| 396286.80  | 3828240.01         | 0.59263 | (19102108) | 396262.22 |
| 3828240.71 | 0.58925 (19102108) |         |            |           |
| 396237.64  | 3828241.42         | 0.58495 | (19102108) | 396213.06 |
| 3828242.12 | 0.57926 (19102108) |         |            |           |
| 396188.48  | 3828242.83         | 0.57219 | (19102108) | 396163.90 |
| 3828243.53 | 0.56468 (19102108) |         |            |           |
| 396139.32  | 3828244.23         | 0.55651 | (19102108) | 396114.74 |
| 3828244.94 | 0.54807 (19102108) |         |            |           |
| 396090.16  | 3828245.64         | 0.53882 | (19102108) | 396065.59 |
| 3828246.35 | 0.52357 (19102108) |         |            |           |
| 396041.01  | 3828247.05         | 0.51296 | (19102108) | 396016.43 |
| 3828247.75 | 0.50990 (19102108) |         |            |           |
| 395991.85  | 3828248.46         | 0.51351 | (19100808) | 395967.27 |
| 3828249.16 | 0.51832 (19100808) |         |            |           |
| 395942.69  | 3828249.87         | 0.52313 | (19100808) | 395918.11 |
| 3828250.57 | 0.52746 (19100808) |         |            |           |
| 395893.53  | 3828251.27         | 0.53135 | (19100808) | 395868.95 |
| 3828251.98 | 0.53449 (19100808) |         |            |           |
| 395844.37  | 3828252.68         | 0.53675 | (19100808) | 395819.79 |
| 3828253.39 | 0.53863 (19100808) |         |            |           |
| 395795.21  | 3828254.09         | 0.54003 | (19100808) | 395770.63 |
| 3828254.79 | 0.54095 (19100808) |         |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Study \*\*\*

```
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
```

\*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395746.05   | 3828255.50  | 0.54162    | (19100808) | 395721.47   |
| 3828256.20  | 0.54186     | (19100808) |            |             |
| 395696.89   | 3828256.91  | 0.54171    | (19100808) | 395672.31   |
| 3828257.61  | 0.54103     | (19100808) |            |             |
| 395647.73   | 3828258.31  | 0.54004    | (19100808) | 395623.15   |
| 3828259.02  | 0.53879     | (19100808) |            |             |
| 395598.57   | 3828259.72  | 0.53713    | (19100808) | 395573.99   |
| 3828260.43  | 0.53513     | (19100808) |            |             |
| 395549.41   | 3828261.13  | 0.53280    | (19100808) | 395524.83   |
| 3828261.83  | 0.52996     | (19100808) |            |             |
| 395500.25   | 3828262.54  | 0.52673    | (19100808) | 395475.67   |
| 3828263.24  | 0.52479     | (20111308) |            |             |
| 395451.09   | 3828263.95  | 0.52662    | (20111308) | 395426.51   |
| 3828264.65  | 0.52807     | (20111308) |            |             |
| 395401.93   | 3828265.35  | 0.52850    | (20111308) | 395377.35   |
| 3828266.06  | 0.52791     | (20111308) |            |             |
| 395352.77   | 3828266.76  | 0.52639    | (20111308) | 395328.19   |
| 3828267.47  | 0.52395     | (20111308) |            |             |
| 395303.61   | 3828268.17  | 0.52235    | (20061008) | 395279.03   |
| 3828268.87  | 0.52284     | (20061008) |            |             |
| 395254.45   | 3828269.58  | 0.52217    | (20061008) | 395229.87   |
| 3828270.28  | 0.52043     | (20061008) |            |             |
| 395205.29   | 3828270.99  | 0.51761    | (20061008) | 395180.71   |
| 3828271.69  | 0.51337     | (20061008) |            |             |
| 395156.13   | 3828272.39  | 0.50751    | (20061008) | 395131.56   |
| 3828273.10  | 0.50198     | (20061008) |            |             |
| 395106.98   | 3828273.80  | 0.49957    | (16081208) | 395082.40   |
| 3828274.51  | 0.49686     | (16081208) |            |             |
| 395057.82   | 3828275.21  | 0.49388    | (16081208) | 395033.24   |
| 3828275.91  | 0.49012     | (16081208) |            |             |
| 395008.66   | 3828276.62  | 0.48595    | (16081208) | 394984.08   |
| 3828277.32  | 0.48882     | (20061108) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394959.50  | 3828278.03         | 0.49663 | (20061108) | 394934.92 |
| 3828278.73 | 0.50535 (20061108) |         |            |           |
| 394910.34  | 3828279.43         | 0.51590 | (20061108) | 394885.76 |
| 3828280.14 | 0.52811 (20061108) |         |            |           |
| 394861.18  | 3828280.84         | 0.53870 | (20061108) | 394836.60 |
| 3828281.55 | 0.54634 (20061108) |         |            |           |
| 394812.02  | 3828282.25         | 0.55062 | (20061108) | 394787.44 |
| 3828282.95 | 0.55511 (20061108) |         |            |           |
| 394762.86  | 3828283.66         | 0.55874 | (20061108) | 394738.28 |
| 3828284.36 | 0.56063 (20061108) |         |            |           |
| 394713.70  | 3828285.07         | 0.56147 | (20061108) | 394369.58 |
| 3828294.92 | 0.57522 (20071608) |         |            |           |
| 394345.00  | 3828295.63         | 0.57683 | (20071608) | 394320.42 |
| 3828296.33 | 0.57805 (20071608) |         |            |           |
| 394295.84  | 3828297.03         | 0.57891 | (20071608) | 394271.26 |
| 3828297.74 | 0.57866 (20071608) |         |            |           |
| 394246.68  | 3828298.44         | 0.57843 | (20071608) | 394222.10 |
| 3828299.15 | 0.57831 (20071608) |         |            |           |
| 394197.52  | 3828299.85         | 0.57738 | (20071608) | 394172.95 |
| 3828300.55 | 0.57666 (20071608) |         |            |           |
| 394148.37  | 3828301.26         | 0.57601 | (20071608) | 394123.79 |
| 3828301.96 | 0.57409 (20071608) |         |            |           |
| 394099.21  | 3828302.67         | 0.56948 | (20071608) | 394074.63 |
| 3828303.37 | 0.56228 (20071608) |         |            |           |
| 394050.05  | 3828304.07         | 0.55429 | (20071608) | 394025.47 |
| 3828304.78 | 0.54618 (20071608) |         |            |           |
| 394000.89  | 3828305.48         | 0.53790 | (20071608) | 393976.31 |
| 3828306.19 | 0.52860 (20071608) |         |            |           |
| 393951.73  | 3828306.89         | 0.51881 | (20071608) | 393927.15 |
| 3828307.59 | 0.50895 (20071608) |         |            |           |
| 393902.57  | 3828308.30         | 0.52216 | (20042508) | 393877.99 |
| 3828309.00 | 0.53651 (20042508) |         |            |           |
| 393853.41  | 3828309.71         | 0.55105 | (20042508) | 393828.83 |
| 3828310.41 | 0.56306 (20042508) |         |            |           |
| 393804.25  | 3828311.11         | 0.57218 | (20042508) | 393779.67 |
| 3828311.82 | 0.58023 (20042508) |         |            |           |
| 393755.09  | 3828312.52         | 0.58918 | (20042508) | 393730.51 |
| 3828313.23 | 0.59861 (20042508) |         |            |           |
| 393705.93  | 3828313.93         | 0.60641 | (20042508) | 393681.35 |
| 3828314.63 | 0.61193 (20042508) |         |            |           |
| 393656.77  | 3828315.34         | 0.61622 | (20042508) | 393632.19 |
| 3828316.04 | 0.62084 (20042508) |         |            |           |
| 393607.61  | 3828316.75         | 0.62334 | (20042508) | 393583.03 |
| 3828317.45 | 0.62731 (20042508) |         |            |           |
| 393558.45  | 3828318.15         | 0.62925 | (20042508) | 393533.87 |
| 3828318.86 | 0.62717 (20042508) |         |            |           |
| 393509.29  | 3828319.56         | 0.62346 | (20042508) | 393484.71 |
| 3828320.27 | 0.62174 (20042508) |         |            |           |

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393460.13   | 3828320.97         | 0.62174    | (20042508) | 393435.55   |
| 3828321.67  | 0.61616 (20042508) |            |            |             |
| 393410.97   | 3828322.38         | 0.60566    | (20042508) | 393386.39   |
| 3828323.08  | 0.59781 (20042508) |            |            |             |
| 393361.81   | 3828323.79         | 0.59234    | (20042508) | 393337.23   |
| 3828324.49  | 0.58618 (20042508) |            |            |             |
| 393312.65   | 3828325.19         | 0.57970    | (20042508) | 393288.07   |
| 3828325.90  | 0.57250 (20042508) |            |            |             |
| 393263.49   | 3828326.60         | 0.56445    | (20042508) | 393238.92   |
| 3828327.31  | 0.55599 (20042508) |            |            |             |
| 393214.34   | 3828328.01         | 0.54727    | (20042508) | 393189.76   |
| 3828328.71  | 0.53797 (20042508) |            |            |             |
| 393165.18   | 3828329.42         | 0.52792    | (20042508) | 393140.60   |
| 3828330.12  | 0.51735 (20042508) |            |            |             |
| 393116.02   | 3828330.83         | 0.50651    | (20042508) | 393091.44   |
| 3828331.53  | 0.49573 (20042508) |            |            |             |
| 393066.86   | 3828332.23         | 0.48482    | (20042508) | 393042.28   |
| 3828332.94  | 0.47348 (20042508) |            |            |             |
| 393017.70   | 3828333.64         | 0.46233    | (20042508) | 392993.12   |
| 3828334.35  | 0.45106 (20042508) |            |            |             |
| 392968.54   | 3828335.05         | 0.44005    | (20042508) | 392943.96   |
| 3828335.75  | 0.42932 (20042508) |            |            |             |
| 392919.38   | 3828336.46         | 0.42605    | (16082908) | 392894.80   |
| 3828337.16  | 0.42647 (16082908) |            |            |             |
| 392870.22   | 3828337.87         | 0.42731    | (16082908) | 392845.64   |
| 3828338.57  | 0.42781 (16082908) |            |            |             |
| 392821.06   | 3828339.27         | 0.42104    | (17031008) | 392796.48   |
| 3828339.98  | 0.42439 (17031008) |            |            |             |
| 392771.90   | 3828340.68         | 0.42653    | (17031008) | 392747.32   |
| 3828341.39  | 0.42689 (17031008) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392722.74  | 3828342.09          | 0.43096  | (20081208) | 392698.16 |
| 3828342.79 | 0.43851 (20081208)  |          |            |           |
| 392673.58  | 3828343.50          | 0.45353  | (20010108) | 392649.00 |
| 3828344.20 | 0.47086 (20010108)  |          |            |           |
| 392624.42  | 3828344.91          | 0.48757  | (20010108) | 392599.84 |
| 3828345.61 | 0.50382 (20010108)  |          |            |           |
| 392575.26  | 3828346.31          | 0.51925  | (20010108) | 392550.68 |
| 3828347.02 | 0.53387 (20010108)  |          |            |           |
| 392526.10  | 3828347.72          | 0.54770  | (20010108) | 405965.10 |
| 3823374.20 | 0.54073 (17111224)  |          |            |           |
| 405978.30  | 3823353.44          | 0.54280  | (17111224) | 395993.95 |
| 3816975.53 | 10.09453 (20040624) |          |            |           |
| 395959.05  | 3816948.18          | 10.11940 | (20040624) | 395924.15 |
| 3816920.82 | 10.70339 (16051424) |          |            |           |
| 395889.25  | 3816893.47          | 11.31877 | (16051424) | 395854.35 |
| 3816866.11 | 12.03687 (16051424) |          |            |           |
| 396018.59  | 3816971.31          | 9.36048  | (16051424) | 395991.92 |
| 3816942.18 | 10.12538 (16051424) |          |            |           |
| 395957.02  | 3816914.83          | 10.72436 | (16051424) | 395922.12 |
| 3816887.47 | 11.12022 (16051424) |          |            |           |
| 395887.22  | 3816860.12          | 11.42507 | (16051424) | 396034.02 |
| 3816951.63 | 9.75536 (16051424)  |          |            |           |
| 396048.91  | 3817000.17          | 9.51769  | (20040624) | 396007.35 |
| 3816922.50 | 10.18247 (16051424) |          |            |           |
| 395972.45  | 3816895.15          | 10.51290 | (16051424) | 395937.55 |
| 3816867.79 | 10.71755 (16051424) |          |            |           |
| 395902.65  | 3816840.44          | 10.76707 | (16051424) | 396049.44 |
| 3816931.96 | 9.80007 (16051424)  |          |            |           |
| 396067.87  | 3816962.86          | 9.45122  | (16051424) | 396073.55 |
| 3816995.95 | 8.84526 (16051424)  |          |            |           |
| 396022.77  | 3816902.83          | 10.03098 | (16051424) | 395987.87 |
| 3816875.47 | 10.16627 (16051424) |          |            |           |
| 395952.97  | 3816848.12          | 10.17834 | (16051424) | 395918.07 |
| 3816820.76 | 10.03168 (16051424) |          |            |           |
| 396082.13  | 3816895.69          | 9.08001  | (16051424) | 396104.25 |
| 3816932.78 | 9.42652 (16051424)  |          |            |           |
| 396122.12  | 3816991.03          | 9.07054  | (16051424) | 396113.61 |
| 3817033.36 | 9.76209 (16041108)  |          |            |           |
| 396053.61  | 3816863.48          | 9.28577  | (16010524) | 396018.71 |
| 3816836.12 | 9.40522 (16010524)  |          |            |           |
| 395983.81  | 3816808.77          | 9.24378  | (16010524) | 395948.91 |
| 3816781.41 | 9.36571 (17032216)  |          |            |           |
| 396112.44  | 3816855.46          | 8.34562  | (16010524) | 396133.51 |
| 3816890.78 | 8.69107 (16010524)  |          |            |           |
| 396154.58  | 3816926.09          | 12.39168 | (16010324) | 396171.60 |
| 3816981.57 | 10.10020 (19060224) |          |            |           |
| 396163.50  | 3817021.89          | 9.02156  | (19060224) | 396155.40 |
| 3817062.20 | 10.26903 (16041108) |          |            |           |
| 396084.46  | 3816824.12          | 8.17674  | (17032216) | 396049.56 |
| 3816796.77 | 8.57222 (18091516)  |          |            |           |

|            | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|------------|------------|-------------|
|            | Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
|            | 396014.66   | 3816769.41  | 8.83536    | (18091516) | 395979.76   |
| 3816742.06 | 8.94147     | (18091516)  |            |            |             |
|            | 396143.00   | 3816815.62  | 7.85151    | (18091516) | 396163.48   |
| 3816849.95 | 7.61397     | (17032216)  |            |            |             |
|            | 396183.96   | 3816884.29  | 8.27355    | (19010408) | 396204.45   |
| 3816918.62 | 15.89128    | (19010408)  |            |            |             |
|            | 396221.00   | 3816972.56  | 16.76490   | (19011108) | 396213.12   |
| 3817011.76 | 10.46657    | (20010108)  |            |            |             |
|            | 396205.25   | 3817050.95  | 10.62172   | (19122108) | 396197.37   |
| 3817090.15 | 12.79463    | (16010308)  |            |            |             |
|            | 396115.30   | 3816784.77  | 7.85317    | (18091516) | 396080.40   |
| 3816757.42 | 8.39788     | (17031824)  |            |            |             |
|            | 396045.50   | 3816730.06  | 9.85034    | (17031824) | 396010.60   |
| 3816702.71 | 11.53251    | (17031824)  |            |            |             |
|            | 396174.66   | 3816777.64  | 8.52839    | (17031824) | 396196.78   |
| 3816814.72 | 7.35191     | (18091516)  |            |            |             |
|            | 396218.91   | 3816851.80  | 7.43716    | (19062724) | 396241.03   |
| 3816888.88 | 8.79197     | (19010408)  |            |            |             |
|            | 396263.15   | 3816925.97  | 12.47734   | (19010408) | 396269.96   |
| 3816965.67 | 19.94792    | (16010324)  |            |            |             |
|            | 396261.46   | 3817008.01  | 15.85456   | (19021208) | 396252.95   |
| 3817050.34 | 11.17122    | (19122108)  |            |            |             |
|            | 396244.45   | 3817092.68  | 12.86753   | (16010308) | 396146.15   |
| 3816745.42 | 9.84911     | (17031824)  |            |            |             |
|            | 396111.25   | 3816718.06  | 11.10716   | (17031824) | 396076.35   |
| 3816690.71 | 12.92339m   | (20100724)  |            |            |             |
|            | 396041.45   | 3816663.35  | 15.64615m  | (20100724) | 396205.20   |
| 3816737.77 | 11.05896m   | (20100724)  |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816809.87 | 396226.71 | 3816773.82 | 9.30229    | (17031824) | 396248.21 |
|            |           | 7.73554    | (17031824) |            |           |
|            | 396269.72 | 3816845.93 | 7.61443    | (19062724) | 396291.23 |
| 3816881.98 |           | 7.99562    | (19062724) |            |           |
|            | 396312.74 | 3816918.03 | 10.69670   | (19010408) | 396319.36 |
| 3816956.64 |           | 13.86104   | (19010408) |            |           |
|            | 396311.09 | 3816997.79 | 17.49401   | (19011108) | 396302.82 |
| 3817038.95 |           | 14.29865   | (19021208) |            |           |
|            | 396294.55 | 3817080.11 | 12.14737   | (19122108) | 396286.29 |
| 3817121.27 |           | 20.26665   | (16010308) |            |           |
|            | 396176.99 | 3816706.07 | 14.00058m  | (20100724) | 396142.09 |
| 3816678.71 |           | 16.07403m  | (20100724) |            |           |
|            | 396107.19 | 3816651.36 | 15.85490m  | (20100724) | 396072.29 |
| 3816624.00 |           | 17.02205   | (19113024) |            |           |
|            | 396267.19 | 3816659.58 | 24.51878   | (19113024) | 396289.32 |
| 3816696.66 |           | 15.67744m  | (20100724) |            |           |
|            | 396311.44 | 3816733.74 | 13.80081m  | (20100724) | 396333.56 |
| 3816770.83 |           | 11.88326m  | (20100724) |            |           |
|            | 396355.69 | 3816807.91 | 10.05995m  | (20100724) | 396377.81 |
| 3816844.99 |           | 9.19712    | (20112108) |            |           |
|            | 396399.93 | 3816882.07 | 9.90889    | (20112108) | 396417.80 |
| 3816940.32 |           | 13.77943   | (19010408) |            |           |
|            | 396409.30 | 3816982.66 | 15.24497   | (19010408) | 396400.79 |
| 3817024.99 |           | 18.22365   | (16010324) |            |           |
|            | 396392.29 | 3817067.33 | 15.36475   | (19021208) | 396383.78 |
| 3817109.66 |           | 15.80706   | (19122108) |            |           |
|            | 396375.28 | 3817151.99 | 27.36219   | (16010308) | 396366.77 |
| 3817194.33 |           | 53.18748   | (16010308) |            |           |
|            | 396238.68 | 3816627.36 | 25.78528   | (19113024) | 396203.78 |
| 3816600.01 |           | 23.13545   | (19113024) |            |           |
|            | 396168.88 | 3816572.65 | 19.03011   | (19113024) | 396133.98 |
| 3816545.30 |           | 17.71737   | (19122208) |            |           |
|            | 396329.09 | 3816581.22 | 24.02435   | (19120124) | 396351.62 |
| 3816618.99 |           | 28.93867   | (19113024) |            |           |
|            | 396374.15 | 3816656.76 | 29.52987   | (19113024) | 396396.69 |
| 3816694.53 |           | 24.28411   | (19113024) |            |           |
|            | 396419.22 | 3816732.29 | 16.55586c  | (20010524) | 396441.75 |
| 3816770.06 |           | 19.24987   | (18031208) |            |           |
|            | 396464.29 | 3816807.83 | 14.58912   | (18031208) | 396486.82 |
| 3816845.60 |           | 11.45374   | (18121408) |            |           |
|            | 396509.35 | 3816883.37 | 12.99496   | (20112108) | 396516.29 |
| 3816923.81 |           | 12.72212   | (20112108) |            |           |
|            | 396507.62 | 3816966.93 | 17.11166   | (19010408) | 396498.96 |
| 3817010.05 |           | 23.17051   | (19010408) |            |           |
|            | 396490.30 | 3817053.17 | 28.96993   | (16010324) | 396481.64 |
| 3817096.29 |           | 18.86387   | (19021208) |            |           |
|            | 396472.97 | 3817139.40 | 15.17674   | (19122108) | 396464.31 |
| 3817182.52 |           | 20.16282   | (16010308) |            |           |
|            | 396455.65 | 3817225.64 | 43.78142   | (16010308) | 396300.37 |
| 3816548.66 |           | 23.49632   | (19120124) |            |           |



396265.47 3816521.30 17.28908 (19122208) 396230.57  
 3816493.95 16.12304 (20112808)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 982

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396195.67   | 3816466.59  | 15.33754   | (20112808) | 396390.41   |
| 3816501.89  | 27.09363    | (20102908) |            |             |
| 396412.19   | 3816538.41  | 26.84826   | (19120124) | 396433.98   |
| 3816574.93  | 31.22622    | (19120124) |            |             |
| 396455.77   | 3816611.45  | 29.56266   | (19113024) | 396477.56   |
| 3816647.97  | 32.50752    | (19113024) |            |             |
| 396499.35   | 3816684.49  | 31.07963   | (17091008) | 396521.13   |
| 3816721.01  | 24.96305    | (17091008) |            |             |
| 396542.92   | 3816757.53  | 22.16452c  | (20010524) | 396564.71   |
| 3816794.05  | 27.82898    | (18031208) |            |             |
| 396586.50   | 3816830.57  | 25.98087   | (18031208) | 396608.29   |
| 3816867.09  | 17.56823    | (18031208) |            |             |
| 396614.99   | 3816906.20  | 16.05508   | (20112108) | 396606.61   |
| 3816947.89  | 15.66909    | (20112108) |            |             |
| 396598.24   | 3816989.59  | 19.26073   | (19010408) | 396589.86   |
| 3817031.28  | 23.84482    | (19010408) |            |             |
| 396581.49   | 3817072.97  | 30.78781   | (19010408) | 396573.11   |
| 3817114.66  | 32.98491    | (19011108) |            |             |
| 396564.73   | 3817156.36  | 22.50208   | (19021208) | 396556.36   |
| 3817198.05  | 18.97519    | (19122108) |            |             |
| 396547.98   | 3817239.74  | 22.65848   | (16010308) | 396539.60   |
| 3817281.43  | 30.75953    | (16010308) |            |             |
| 396362.06   | 3816469.95  | 17.82289   | (20112808) | 396327.16   |
| 3816442.60  | 11.05956c   | (20122924) |            |             |
| 396292.26   | 3816415.24  | 8.25029c   | (20122924) | 396257.36   |
| 3816387.89  | 7.53422     | (19052124) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3816460.55 | 396452.26 | 3816423.47 | 10.18925 | (20112808) | 396474.39 |
|            |           | 24.32650   |          | (20112808) |           |
| 3816534.71 | 396496.51 | 3816497.63 | 33.21187 | (20102908) | 396518.63 |
|            |           | 29.43912   |          | (20102908) |           |
| 3816608.88 | 396540.76 | 3816571.80 | 34.48120 | (19120124) | 396562.88 |
|            |           | 30.67559   |          | (19120124) |           |
| 3816683.04 | 396585.00 | 3816645.96 | 34.18287 | (19113024) | 396607.12 |
|            |           | 34.52020   |          | (19113024) |           |
| 3816757.21 | 396629.25 | 3816720.12 | 34.99234 | (17091008) | 396651.37 |
|            |           | 27.43842   |          | (17091008) |           |
| 3816831.37 | 396673.49 | 3816794.29 | 25.71730 | (18031208) | 396695.62 |
|            |           | 29.68684   |          | (18031208) |           |
| 3816931.95 | 396713.49 | 3816889.62 | 20.03539 | (18031208) | 396704.98 |
|            |           | 17.74202   |          | (20112108) |           |
| 3817016.62 | 396696.48 | 3816974.29 | 17.45187 | (20112108) | 396687.97 |
|            |           | 22.14254   |          | (19010408) |           |
| 3817101.29 | 396679.47 | 3817058.96 | 28.55133 | (19010408) | 396670.96 |
|            |           | 36.69133   |          | (19010408) |           |
| 3817185.96 | 396662.46 | 3817143.62 | 37.52104 | (17030724) | 396653.95 |
|            |           | 35.90882   |          | (19021208) |           |
| 3817270.63 | 396645.45 | 3817228.29 | 29.52651 | (19122108) | 396636.94 |
|            |           | 25.82652   |          | (16010308) |           |
| 3817355.30 | 396628.44 | 3817312.96 | 28.26099 | (16010308) | 396619.93 |
|            |           | 29.98703   |          | (16010308) |           |
| 3816363.89 | 396423.75 | 3816391.25 | 8.33562  | (20032824) | 396388.85 |
|            |           | 7.71285m   |          | (17021808) |           |
| 3816309.18 | 396353.95 | 3816336.54 | 7.66943m | (17021808) | 396319.05 |
|            |           | 7.08357    |          | (16122408) |           |
| 3816382.51 | 396514.08 | 3816344.98 | 9.46385m | (17021808) | 396536.47 |
|            |           | 8.85282    |          | (20032824) |           |
| 3816457.55 | 396558.86 | 3816420.03 | 9.53798  | (20112808) | 396581.24 |
|            |           | 11.56259   |          | (20112808) |           |
| 3816532.60 | 396603.63 | 3816495.08 | 15.24677 | (20112808) | 396626.02 |
|            |           | 27.74025   |          | (20102908) |           |
| 3816607.65 | 396648.40 | 3816570.12 | 35.34994 | (19120124) | 396670.79 |
|            |           | 35.56279   |          | (19120124) |           |
| 3816682.70 | 396693.18 | 3816645.17 | 34.17708 | (19113024) | 396715.56 |
|            |           | 35.94562   |          | (19113024) |           |
| 3816757.74 | 396737.95 | 3816720.22 | 37.00270 | (17091008) | 396760.34 |
|            |           | 34.17722   |          | (17091008) |           |
| 3816832.79 | 396782.72 | 3816795.27 | 22.18044 | (17091008) | 396805.11 |
|            |           | 24.34789   |          | (18031208) |           |
| 3816915.81 | 396812.00 | 3816872.97 | 29.67398 | (18031208) | 396803.39 |
|            |           | 19.65334   |          | (18031208) |           |
| 3817001.49 | 396794.79 | 3816958.65 | 19.09442 | (20112108) | 396786.18 |
|            |           | 19.43780   |          | (20112108) |           |
| 3817087.16 | 396777.57 | 3817044.32 | 25.25429 | (19010408) | 396768.97 |
|            |           | 31.61796   |          | (19010408) |           |
| 3817172.84 | 396760.36 | 3817130.00 | 38.27156 | (19010408) | 396751.75 |
|            |           | 37.45719   |          | (17030724) |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|             | X-COORD (M) | Y-COORD (M)         | CONC                | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|---------------------|------------|-------------|
| Y-COORD (M) |             | CONC                |                     | (YYMMDDHH) |             |
| 3816312.54  | 396708.72   | 3817387.03          | 34.35154            | (16010308) | 396485.44   |
|             |             | 9.25921m (17021808) |                     |            |             |
| 3816257.83  | 396450.54   | 3816285.19          | 8.02883m (17021808) |            | 396415.64   |
|             |             | 8.17644 (19111924)  |                     |            |             |
| 3816148.34  | 396380.74   | 3816230.48          | 8.18108 (19111924)  |            | 396668.38   |
|             |             | 24.55288 (17121908) |                     |            |             |
| 3816223.88  | 396690.91   | 3816186.11          | 17.60202 (17121908) |            | 396713.45   |
|             |             | 29.24433 (18111908) |                     |            |             |
| 3816299.42  | 396735.98   | 3816261.65          | 28.51504 (18111908) |            | 396758.51   |
|             |             | 16.69397 (16122808) |                     |            |             |
| 3816374.96  | 396781.05   | 3816337.19          | 15.73324 (17112908) |            | 396803.58   |
|             |             | 13.24460 (17112908) |                     |            |             |
| 3816450.50  | 396826.11   | 3816412.73          | 16.84073 (19100208) |            | 396848.64   |
|             |             | 17.18981 (20112808) |                     |            |             |
| 3816526.03  | 396871.18   | 3816488.26          | 17.29076 (20112808) |            | 396893.71   |
|             |             | 24.46581 (20102908) |                     |            |             |
| 3816601.57  | 396916.24   | 3816563.80          | 33.50195 (20102908) |            | 396938.78   |
|             |             | 35.88721 (19120124) |                     |            |             |
| 3816677.11  | 396961.31   | 3816639.34          | 33.93184 (19120124) |            | 396983.84   |
|             |             | 33.20636 (19113024) |                     |            |             |
| 3816752.65  | 397006.37   | 3816714.88          | 34.34949 (19113024) |            | 397028.91   |
|             |             | 34.16124 (17091008) |                     |            |             |
| 3816830.86  | 397051.44   | 3816790.41          | 35.49010 (17091008) |            | 397058.37   |
|             |             | 28.51346 (17091008) |                     |            |             |

|            |                     |           |            |           |
|------------|---------------------|-----------|------------|-----------|
| 397049.71  | 3816873.98          | 21.30776  | (18031208) | 397041.05 |
| 3816917.09 | 25.92410 (18031208) |           |            |           |
| 397032.39  | 3816960.21          | 24.82161  | (18031208) | 397023.72 |
| 3817003.33 | 19.61086 (20112108) |           |            |           |
| 397015.06  | 3817046.45          | 24.41372  | (20112108) | 397006.40 |
| 3817089.57 | 30.09048 (20022008) |           |            |           |
| 396997.74  | 3817132.69          | 47.46947  | (19010408) | 396989.07 |
| 3817175.80 | 51.14174 (19010408) |           |            |           |
| 396980.41  | 3817218.92          | 41.28625  | (19010408) | 396971.75 |
| 3817262.04 | 36.76362 (17030724) |           |            |           |
| 396963.09  | 3817305.16          | 34.43996  | (17030724) | 396954.42 |
| 3817348.28 | 34.81540 (20101608) |           |            |           |
| 396945.76  | 3817391.39          | 32.57347  | (19122108) | 396937.10 |
| 3817434.51 | 35.79378 (16010308) |           |            |           |
| 396928.44  | 3817477.63          | 38.13868  | (16010308) | 396919.77 |
| 3817520.75 | 34.56365 (16010308) |           |            |           |
| 396639.66  | 3816115.78          | 31.42579  | (17121908) | 396604.76 |
| 3816088.43 | 37.86316 (17121908) |           |            |           |
| 396569.86  | 3816061.07          | 32.27192  | (17121908) | 396534.96 |
| 3816033.72 | 41.74326 (16021524) |           |            |           |
| 396822.65  | 3815951.66          | 37.99659  | (16021524) | 396845.28 |
| 3815989.59 | 29.79673 (19112408) |           |            |           |
| 396867.90  | 3816027.51          | 34.15042  | (17121908) | 396890.53 |
| 3816065.44 | 37.81434 (17121908) |           |            |           |
| 396913.15  | 3816103.36          | 34.40557  | (17121908) | 396935.78 |
| 3816141.29 | 29.02060 (17121908) |           |            |           |
| 396958.41  | 3816179.21          | 37.10221  | (18111908) | 396981.03 |
| 3816217.14 | 38.34363 (18111908) |           |            |           |
| 397003.66  | 3816255.06          | 22.28834  | (16122808) | 397026.28 |
| 3816292.99 | 20.91867 (17112908) |           |            |           |
| 397048.91  | 3816330.91          | 22.83290  | (17112908) | 397071.54 |
| 3816368.84 | 18.02296 (17112908) |           |            |           |
| 397094.16  | 3816406.76          | 23.07571  | (19100208) | 397116.79 |
| 3816444.68 | 35.36176 (18102008) |           |            |           |
| 397139.41  | 3816482.61          | 41.36843  | (18121408) | 397162.04 |
| 3816520.53 | 39.79821 (20102908) |           |            |           |
| 397184.67  | 3816558.46          | 38.86576  | (20102908) | 397207.29 |
| 3816596.38 | 29.53538 (20102908) |           |            |           |
| 397229.92  | 3816634.31          | 31.10135  | (19120124) | 397252.54 |
| 3816672.23 | 28.77708 (19120124) |           |            |           |
| 397275.17  | 3816710.16          | 28.28262  | (19113024) | 397297.80 |
| 3816748.08 | 29.33445 (19113024) |           |            |           |
| 397304.76  | 3816788.69          | 30.09083c | (16011208) | 397296.06 |
| 3816831.99 | 31.29397 (17091008) |           |            |           |
| 397287.36  | 3816875.29          | 25.20086  | (17091008) | 397278.66 |
| 3816918.58 | 19.42717 (18031208) |           |            |           |
| 397269.97  | 3816961.88          | 27.26427  | (18031208) | 397261.27 |
| 3817005.18 | 28.02431 (18031208) |           |            |           |
| 397252.57  | 3817048.47          | 23.62342  | (18031208) | 397243.87 |
| 3817091.77 | 27.47051 (18112608) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397235.17  | 3817135.07 | 25.32386   | (18112608) | 397226.47 |
| 3817178.36 | 34.81722   | (19010408) |            |           |
| 397217.78  | 3817221.66 | 45.60343   | (19010408) | 397209.08 |
| 3817264.95 | 46.45615   | (19010408) |            |           |
| 397200.38  | 3817308.25 | 37.66606   | (19010408) | 397191.68 |
| 3817351.55 | 32.72217   | (17030724) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 984

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 397182.98   | 3817394.84  | 29.68034   | (17030724) | 397174.28   |
| 3817438.14  | 29.60077    | (20101608) |            |             |
| 397165.59   | 3817481.44  | 26.67308   | (19122108) | 397156.89   |
| 3817524.73  | 28.30367    | (16010308) |            |             |
| 397148.19   | 3817568.03  | 33.71823   | (16010308) | 397139.49   |
| 3817611.32  | 34.95052    | (16010308) |            |             |
| 397130.79   | 3817654.62  | 33.72910   | (16010308) | 396793.89   |
| 3815919.02  | 41.03876    | (16021524) |            |             |
| 396758.99   | 3815891.67  | 35.17160   | (16101124) | 396724.09   |
| 3815864.31  | 29.60734    | (19103108) |            |             |
| 396689.19   | 3815836.96  | 28.18275   | (18120408) | 396976.91   |
| 3815754.95  | 24.62500    | (19103108) |            |             |
| 396999.60   | 3815792.99  | 25.64121   | (18041808) | 397022.29   |
| 3815831.02  | 32.44050    | (16021524) |            |             |
| 397044.98   | 3815869.05  | 35.72359   | (16021524) | 397067.67   |
| 3815907.09  | 28.05696    | (16021524) |            |             |
| 397090.36   | 3815945.12  | 21.48958   | (17121908) | 397113.05   |
| 3815983.15  | 29.62987    | (17121908) |            |             |
| 397135.74   | 3816021.18  | 31.36609   | (17121908) | 397158.43   |
| 3816059.22  | 28.00694    | (17121908) |            |             |
| 397181.12   | 3816097.25  | 23.53138   | (17121908) | 397203.81   |
| 3816135.28  | 22.62424    | (18111908) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3816211.35 | 397226.50 | 3816173.32 | 30.85795 | (18111908) | 397249.19 |
|            |           | 35.52912   |          | (18111908) |           |
|            | 397271.88 | 3816249.38 | 29.68758 | (16122808) | 397294.57 |
| 3816287.42 |           | 35.65495   |          | (17112908) |           |
|            | 397317.26 | 3816325.45 | 37.19329 | (17112908) | 397339.95 |
| 3816363.48 |           | 30.53109   |          | (17112908) |           |
|            | 397362.64 | 3816401.51 | 36.05272 | (19100208) | 397385.33 |
| 3816439.55 |           | 36.71233   |          | (18102008) |           |
|            | 397408.03 | 3816477.58 | 37.02119 | (18102008) | 397430.72 |
| 3816515.61 |           | 33.52938   |          | (18121408) |           |
|            | 397453.41 | 3816553.65 | 35.54241 | (20102908) | 397476.10 |
| 3816591.68 |           | 31.46849   |          | (20102908) |           |
|            | 397498.79 | 3816629.71 | 24.93862 | (19120124) | 397521.48 |
| 3816667.74 |           | 27.07633   |          | (19120124) |           |
|            | 397544.17 | 3816705.78 | 24.69682 | (19120124) | 397551.15 |
| 3816746.50 |           | 24.75296   |          | (19113024) |           |
|            | 397542.43 | 3816789.92 | 25.88307 | (19113024) | 397533.70 |
| 3816833.34 |           | 27.40574c  |          | (16011208) |           |
|            | 397524.98 | 3816876.76 | 27.77524 | (17091008) | 397516.26 |
| 3816920.18 |           | 22.26661   |          | (17091008) |           |
|            | 397507.54 | 3816963.60 | 20.65571 | (19112208) | 397498.81 |
| 3817007.02 |           | 25.10001   |          | (18031208) |           |
|            | 397490.09 | 3817050.44 | 27.65753 | (18031208) | 397481.37 |
| 3817093.86 |           | 23.56424   |          | (18031208) |           |
|            | 397472.64 | 3817137.28 | 23.50238 | (18112608) | 397463.92 |
| 3817180.70 |           | 24.42528   |          | (18112608) |           |
|            | 397455.20 | 3817224.12 | 25.21894 | (20022008) | 397446.47 |
| 3817267.54 |           | 35.20027   |          | (19010408) |           |
|            | 397437.75 | 3817310.96 | 41.93304 | (19010408) | 397429.03 |
| 3817354.38 |           | 40.58666   |          | (19010408) |           |
|            | 397420.30 | 3817397.80 | 32.48128 | (19010408) | 397411.58 |
| 3817441.22 |           | 32.78995   |          | (17030724) |           |
|            | 397402.86 | 3817484.64 | 30.92594 | (17030724) | 397394.13 |
| 3817528.06 |           | 29.65078   |          | (20101608) |           |
|            | 397385.41 | 3817571.48 | 27.00351 | (20101608) | 397376.69 |
| 3817614.90 |           | 27.59848   |          | (19122108) |           |
|            | 397367.96 | 3817658.32 | 31.40472 | (16010308) | 397359.24 |
| 3817701.74 |           | 33.31780   |          | (16010308) |           |
|            | 397350.52 | 3817745.16 | 32.43348 | (16010308) | 397341.79 |
| 3817788.58 |           | 30.43870   |          | (16010308) |           |
|            | 396948.11 | 3815722.26 | 22.92600 | (18120408) | 396913.21 |
| 3815694.90 |           | 26.58653   |          | (20122108) |           |
|            | 396878.31 | 3815667.55 | 28.07608 | (17121508) | 396843.41 |
| 3815640.19 |           | 30.50631   |          | (20010308) |           |
|            | 397130.97 | 3815557.92 | 25.15956 | (17121508) | 397153.33 |
| 3815595.41 |           | 23.93275   |          | (20122108) |           |
|            | 397175.70 | 3815632.89 | 20.36837 | (18021608) | 397198.06 |
| 3815670.38 |           | 21.33777   |          | (18120408) |           |
|            | 397220.43 | 3815707.87 | 22.84933 | (19103108) | 397242.79 |
| 3815745.36 |           | 25.14715   |          | (16101124) |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397265.16  | 3815782.84 | 30.50599   | (16021524) | 397287.52 |
| 3815820.33 | 31.03464   | (16021524) |            |           |
| 397309.89  | 3815857.82 | 25.70631   | (16021524) | 397332.25 |
| 3815895.31 | 22.90149   | (16122724) |            |           |
| 397354.62  | 3815932.79 | 26.15567   | (17121908) | 397376.98 |
| 3815970.28 | 28.79563   | (17121908) |            |           |
| 397399.35  | 3816007.77 | 27.39860   | (17121908) | 397421.71 |
| 3816045.26 | 24.36807   | (17121908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 985

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 397444.08   | 3816082.74  | 21.09177   | (17121908) | 397466.44   |
| 3816120.23  | 28.48773    | (18111908) |            |             |
| 397488.81   | 3816157.72  | 33.69024   | (18111908) | 397511.17   |
| 3816195.21  | 32.02507    | (18111908) |            |             |
| 397533.54   | 3816232.69  | 26.15998   | (16122808) | 397555.90   |
| 3816270.18  | 31.10976    | (17112908) |            |             |
| 397578.27   | 3816307.67  | 33.25462   | (17112908) | 397600.63   |
| 3816345.16  | 29.27057    | (17112908) |            |             |
| 397623.00   | 3816382.64  | 30.06783   | (19100208) | 397645.36   |
| 3816420.13  | 32.43530    | (19100208) |            |             |
| 397667.73   | 3816457.62  | 33.48155   | (18102008) | 397690.09   |
| 3816495.10  | 32.06186    | (18121408) |            |             |
| 397712.46   | 3816532.59  | 29.55369   | (20102908) | 397734.82   |
| 3816570.08  | 31.44194    | (20102908) |            |             |
| 397757.19   | 3816607.57  | 28.24173   | (20102908) | 397779.55   |
| 3816645.05  | 21.58170    | (20102908) |            |             |
| 397797.62   | 3816703.94  | 23.81963   | (19120124) | 397789.02   |
| 3816746.74  | 20.52660    | (19120124) |            |             |
| 397780.42   | 3816789.53  | 22.79054   | (19113024) | 397771.82   |
| 3816832.33  | 23.09979    | (19113024) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397763.23  | 3816875.13 | 24.85652c  | (16011208) | 397754.63 |
| 3816917.92 | 24.99632   | (17091008) |            |           |
| 397746.03  | 3816960.72 | 20.49894   | (17091008) | 397737.43 |
| 3817003.52 | 18.77487   | (19112208) |            |           |
| 397728.83  | 3817046.32 | 21.14313   | (18031208) | 397720.23 |
| 3817089.11 | 24.82523   | (18031208) |            |           |
| 397711.64  | 3817131.91 | 23.51456   | (18031208) | 397703.04 |
| 3817174.71 | 18.70840   | (18112608) |            |           |
| 397694.44  | 3817217.50 | 22.16961   | (18112608) | 397685.84 |
| 3817260.30 | 21.32704   | (18112608) |            |           |
| 397677.24  | 3817303.10 | 23.83420   | (20022008) | 397668.65 |
| 3817345.89 | 32.47567   | (19010408) |            |           |
| 397660.05  | 3817388.69 | 37.76334   | (19010408) | 397651.45 |
| 3817431.49 | 36.94115   | (19010408) |            |           |
| 397642.85  | 3817474.28 | 30.83285   | (19010408) | 397634.25 |
| 3817517.08 | 31.79387   | (17030724) |            |           |
| 397625.66  | 3817559.88 | 34.33961   | (17030724) | 397617.06 |
| 3817602.67 | 30.33519   | (17030724) |            |           |
| 397608.46  | 3817645.47 | 30.78472   | (20101608) | 397599.86 |
| 3817688.27 | 26.53264   | (20101608) |            |           |
| 397591.26  | 3817731.06 | 27.53988   | (19122108) | 397582.67 |
| 3817773.86 | 31.15878   | (16010308) |            |           |
| 397574.07  | 3817816.66 | 32.23662   | (16010308) | 397565.47 |
| 3817859.46 | 31.01795   | (16010308) |            |           |
| 397556.87  | 3817902.25 | 29.34694   | (20011808) | 397548.27 |
| 3817945.05 | 28.58363   | (20011808) |            |           |
| 397102.34  | 3815525.50 | 26.54164   | (20010308) | 397067.44 |
| 3815498.14 | 23.90276   | (20010308) |            |           |
| 397032.54  | 3815470.79 | 24.86002   | (17120924) | 396997.64 |
| 3815443.43 | 29.33540   | (17120924) |            |           |
| 397439.49  | 3815164.52 | 23.52125   | (17091008) | 397461.99 |
| 3815202.24 | 22.77517   | (17120924) |            |           |
| 397484.50  | 3815239.96 | 21.83786   | (17120924) | 397507.00 |
| 3815277.69 | 18.80765   | (17101308) |            |           |
| 397529.51  | 3815315.41 | 19.83533   | (20010308) | 397552.02 |
| 3815353.14 | 21.11664   | (20010308) |            |           |
| 397574.52  | 3815390.86 | 20.06507   | (17121508) | 397597.03 |
| 3815428.58 | 19.41780   | (20122108) |            |           |
| 397619.54  | 3815466.31 | 17.33891   | (20122108) | 397642.04 |
| 3815504.03 | 17.01159   | (18120408) |            |           |
| 397664.55  | 3815541.76 | 17.89536   | (19103108) | 397687.05 |
| 3815579.48 | 18.11564   | (19103108) |            |           |
| 397709.56  | 3815617.21 | 20.54095   | (16101124) | 397732.07 |
| 3815654.93 | 24.59471   | (16021524) |            |           |
| 397754.57  | 3815692.65 | 25.47233   | (16021524) | 397777.08 |
| 3815730.38 | 22.65570   | (16021524) |            |           |
| 397799.59  | 3815768.10 | 19.37170   | (19112408) | 397822.09 |
| 3815805.83 | 18.33883   | (16122724) |            |           |
| 397844.60  | 3815843.55 | 21.30002   | (17121908) | 397867.10 |
| 3815881.28 | 22.84827   | (17121908) |            |           |





|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3817093.31 | 398203.87 | 3817050.24 | 16.73911   | (17091008) | 398195.22 |
|            |           | 15.58573   | (19112208) |            |           |
| 3817179.44 | 398186.57 | 3817136.38 | 16.48402   | (18031208) | 398177.92 |
|            |           | 20.06352   | (18031208) |            |           |
| 3817265.58 | 398169.26 | 3817222.51 | 20.68656   | (18031208) | 398160.61 |
|            |           | 18.07137   | (18031208) |            |           |
| 3817351.71 | 398151.96 | 3817308.65 | 16.62641   | (18112608) | 398143.31 |
|            |           | 18.64265   | (18112608) |            |           |
| 3817437.85 | 398134.65 | 3817394.78 | 17.79713   | (18112608) | 398126.00 |
|            |           | 19.18663   | (20022008) |            |           |
| 3817523.98 | 398117.35 | 3817480.92 | 25.03303   | (19010408) | 398108.70 |
|            |           | 30.23131   | (19010408) |            |           |
| 3817610.12 | 398100.04 | 3817567.05 | 31.79100   | (19010408) | 398091.39 |
|            |           | 29.44094   | (19010408) |            |           |
| 3817696.25 | 398082.74 | 3817653.18 | 24.21262   | (19010408) | 398074.09 |
|            |           | 26.91068   | (17030724) |            |           |
| 3817782.39 | 398065.44 | 3817739.32 | 28.84148   | (17030724) | 398056.78 |
|            |           | 26.45440   | (17030724) |            |           |
| 3817868.52 | 398048.13 | 3817825.45 | 25.96849   | (20101608) | 398039.48 |
|            |           | 24.25855   | (20101608) |            |           |
| 3817954.65 | 398030.83 | 3817911.59 | 22.40236   | (19122108) | 398022.17 |
|            |           | 23.46116   | (16010308) |            |           |
| 3818040.79 | 398013.52 | 3817997.72 | 26.09933   | (16010308) | 398004.87 |
|            |           | 26.64751   | (16010308) |            |           |
| 3818126.92 | 397996.22 | 3818083.86 | 25.74996   | (16010308) | 397987.56 |
|            |           | 24.25412   | (16010308) |            |           |
| 3818213.06 | 397978.91 | 3818169.99 | 24.91031   | (20011808) | 397970.26 |
|            |           | 22.66472   | (20011808) |            |           |
| 3815104.62 | 397410.78 | 3815131.98 | 21.14802   | (18111208) | 397375.88 |
|            |           | 22.73809   | (18111208) |            |           |
| 3815049.91 | 397340.98 | 3815077.27 | 20.87732   | (18111208) | 397306.08 |
|            |           | 17.46907   | (17092508) |            |           |
| 3814808.95 | 397747.98 | 3814771.07 | 16.00316m  | (17102708) | 397770.58 |
|            |           | 14.51106   | (17092508) |            |           |
| 3814884.71 | 397793.18 | 3814846.83 | 17.61904   | (18111208) | 397815.78 |
|            |           | 18.46594   | (18111208) |            |           |
| 3814960.47 | 397838.38 | 3814922.59 | 17.46948   | (17091008) | 397860.97 |
|            |           | 19.53535   | (17091008) |            |           |
| 3815036.23 | 397883.57 | 3814998.35 | 18.73476   | (17120924) | 397906.17 |
|            |           | 18.49132   | (17120924) |            |           |
| 3815111.99 | 397928.77 | 3815074.11 | 16.32333   | (17101308) | 397951.37 |
|            |           | 14.59777   | (20010308) |            |           |
| 3815187.75 | 397973.97 | 3815149.87 | 17.24959   | (20010308) | 397996.57 |
|            |           | 17.25135   | (20010308) |            |           |
| 3815263.50 | 398019.17 | 3815225.63 | 16.50679   | (17121508) | 398041.77 |
|            |           | 16.22971   | (20122108) |            |           |
| 3815339.26 | 398064.36 | 3815301.38 | 15.06099   | (20122108) | 398086.96 |
|            |           | 13.61655   | (18120408) |            |           |
| 3815415.02 | 398109.56 | 3815377.14 | 14.37257   | (18120408) | 398132.16 |
|            |           | 15.43516   | (19103108) |            |           |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816578.40 | 398783.19 | 3816535.15 | 21.42597   | (18121408) | 398774.50 |
|            |           | 20.27402   | (20102908) |            |           |
|            | 398765.81 | 3816621.64 | 21.75753   | (20102908) | 398757.12 |
| 3816664.89 |           | 20.28220   | (20102908) |            |           |
|            | 398748.43 | 3816708.13 | 16.40197   | (20102908) | 398739.75 |
| 3816751.38 |           | 16.36629   | (19120124) |            |           |
|            | 398731.06 | 3816794.62 | 16.95200   | (19120124) | 398722.37 |
| 3816837.87 |           | 15.38660   | (19120124) |            |           |
|            | 398713.68 | 3816881.11 | 15.27580   | (19113024) | 398704.99 |
| 3816924.36 |           | 16.08770   | (19113024) |            |           |
|            | 398696.31 | 3816967.60 | 16.06578c  | (16011208) | 398687.62 |
| 3817010.84 |           | 17.83904c  | (16011208) |            |           |
|            | 398678.93 | 3817054.09 | 18.14656   | (17091008) | 398670.24 |
| 3817097.33 |           | 17.01827   | (17091008) |            |           |
|            | 398661.55 | 3817140.58 | 13.94954   | (17091008) | 398652.87 |
| 3817183.82 |           | 13.25025   | (19112208) |            |           |
|            | 398644.18 | 3817227.07 | 13.92546   | (19112208) | 398635.49 |
| 3817270.31 |           | 16.41601   | (18031208) |            |           |
|            | 398626.80 | 3817313.56 | 17.78448   | (18031208) | 398618.11 |
| 3817356.80 |           | 16.88167   | (18031208) |            |           |
|            | 398609.43 | 3817400.05 | 14.04657   | (18031208) | 398600.74 |
| 3817443.29 |           | 14.78501   | (18112608) |            |           |
|            | 398592.05 | 3817486.54 | 15.95452   | (18112608) | 398583.36 |
| 3817529.78 |           | 15.14829   | (18112608) |            |           |
|            | 398574.67 | 3817573.02 | 15.87721   | (20022008) | 398565.99 |
| 3817616.27 |           | 19.87049   | (19010408) |            |           |
|            | 398557.30 | 3817659.51 | 24.45799   | (19010408) | 398548.61 |
| 3817702.76 |           | 26.87253   | (19010408) |            |           |
|            | 398539.92 | 3817746.00 | 26.58581   | (19010408) | 398531.23 |
| 3817789.25 |           | 23.86498   | (19010408) |            |           |
|            | 398522.55 | 3817832.49 | 19.53282   | (19010408) | 398513.86 |
| 3817875.74 |           | 23.19798   | (17030724) |            |           |
|            | 398505.17 | 3817918.98 | 24.68828   | (17030724) | 398496.48 |
| 3817962.23 |           | 23.20477   | (17030724) |            |           |
|            | 398487.79 | 3818005.47 | 21.98441   | (20101608) | 398479.11 |
| 3818048.72 |           | 21.68027   | (20101608) |            |           |
|            | 398470.42 | 3818091.96 | 18.97364   | (20101608) | 398461.73 |
| 3818135.20 |           | 19.24261   | (19122108) |            |           |
|            | 398453.04 | 3818178.45 | 20.59050   | (16010308) | 398444.35 |
| 3818221.69 |           | 22.25608   | (16010308) |            |           |
|            | 398435.67 | 3818264.94 | 22.52537   | (16010308) | 398426.98 |
| 3818308.18 |           | 21.83442   | (16010308) |            |           |
|            | 398418.29 | 3818351.43 | 20.72225   | (16010308) | 398409.60 |
| 3818394.67 |           | 21.27705   | (20011808) |            |           |
|            | 398400.91 | 3818437.92 | 20.54264   | (20011808) | 398392.23 |
| 3818481.16 |           | 17.79407   | (20011808) |            |           |
|            | 397719.23 | 3814738.45 | 19.18637m  | (17102708) | 397684.33 |
| 3814711.10 |           | 19.33983m  | (17102708) |            |           |
|            | 397649.43 | 3814683.74 | 20.75465   | (17101508) | 397614.53 |
| 3814656.39 |           | 18.76087   | (17101508) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398056.46  | 3814377.60 | 15.87596   | (17101508) | 398079.12 |
| 3814415.59 | 17.37563   | (17101508) |            |           |
| 398101.79  | 3814453.58 | 16.34647   | (17101508) | 398124.45 |
| 3814491.57 | 16.47169m  | (17102708) |            |           |
| 398147.12  | 3814529.56 | 14.34293m  | (17102708) | 398169.78 |
| 3814567.55 | 12.71115   | (17092508) |            |           |
| 398192.45  | 3814605.54 | 13.82411   | (18111208) | 398215.11 |
| 3814643.53 | 15.42475   | (18111208) |            |           |
| 398237.78  | 3814681.52 | 15.33624   | (18111208) | 398260.44 |
| 3814719.51 | 15.33956   | (17091008) |            |           |
| 398283.10  | 3814757.50 | 16.60988   | (17091008) | 398305.77 |
| 3814795.48 | 15.80932   | (17120924) |            |           |
| 398328.43  | 3814833.47 | 15.83499   | (17120924) | 398351.10 |
| 3814871.46 | 14.35612   | (17120924) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 988

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398373.76   | 3814909.45  | 13.11016   | (17101308) | 398396.43   |
| 3814947.44  | 13.63653    | (20010308) |            |             |
| 398419.09   | 3814985.43  | 14.92206   | (20010308) | 398441.75   |
| 3815023.42  | 14.32065    | (20010308) |            |             |
| 398464.42   | 3815061.41  | 13.87662   | (17121508) | 398487.08   |
| 3815099.40  | 13.86114    | (20122108) |            |             |
| 398509.75   | 3815137.39  | 13.13942   | (20122108) | 398532.41   |
| 3815175.38  | 11.61350    | (18021608) |            |             |
| 398555.08   | 3815213.37  | 12.25906   | (18120408) | 398577.74   |
| 3815251.36  | 12.65939    | (19103108) |            |             |
| 398600.41   | 3815289.35  | 13.18055   | (19103108) | 398623.07   |
| 3815327.34  | 13.45629    | (18041808) |            |             |
| 398645.73   | 3815365.33  | 15.06785   | (16101124) | 398668.40   |
| 3815403.31  | 17.35677    | (16021524) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398691.06  | 3815441.30 | 18.10848   | (16021524) | 398713.73 |
| 3815479.29 | 17.21575   | (16021524) |            |           |
| 398736.39  | 3815517.28 | 15.01017   | (16021524) | 398759.06 |
| 3815555.27 | 13.57722   | (19112408) |            |           |
| 398781.72  | 3815593.26 | 13.23622   | (16122724) | 398804.39 |
| 3815631.25 | 13.66499   | (17121908) |            |           |
| 398827.05  | 3815669.24 | 15.38593   | (17121908) | 398849.71 |
| 3815707.23 | 15.90654   | (17121908) |            |           |
| 398872.38  | 3815745.22 | 15.41866   | (17121908) | 398895.04 |
| 3815783.21 | 14.39172   | (17121908) |            |           |
| 398917.71  | 3815821.20 | 13.26414   | (17121908) | 398940.37 |
| 3815859.19 | 12.20789   | (17121908) |            |           |
| 398963.04  | 3815897.18 | 11.58243   | (18111908) | 398985.70 |
| 3815935.17 | 15.17798   | (18111908) |            |           |
| 399008.37  | 3815973.15 | 17.98340   | (18111908) | 399031.03 |
| 3816011.14 | 19.31508   | (18111908) |            |           |
| 399053.69  | 3816049.13 | 18.84784   | (18111908) | 399076.36 |
| 3816087.12 | 16.74475   | (18111908) |            |           |
| 399099.02  | 3816125.11 | 14.65102   | (16122808) | 399121.69 |
| 3816163.10 | 16.38487   | (17112908) |            |           |
| 399144.35  | 3816201.09 | 18.44968   | (17112908) | 399167.02 |
| 3816239.08 | 19.02248   | (17112908) |            |           |
| 399189.68  | 3816277.07 | 17.99828   | (17112908) | 399212.34 |
| 3816315.06 | 15.65790   | (17112908) |            |           |
| 399235.01  | 3816353.05 | 16.57189   | (19100208) | 399257.67 |
| 3816391.04 | 18.29371   | (19100208) |            |           |
| 399275.98  | 3816450.71 | 18.41151   | (18102008) | 399267.27 |
| 3816494.08 | 19.53079   | (18102008) |            |           |
| 399258.56  | 3816537.45 | 18.74366   | (18121408) | 399249.84 |
| 3816580.82 | 17.60020   | (18121408) |            |           |
| 399241.13  | 3816624.19 | 18.63867   | (20102908) | 399232.42 |
| 3816667.56 | 18.66962   | (20102908) |            |           |
| 399223.70  | 3816710.93 | 16.65659   | (20102908) | 399214.99 |
| 3816754.30 | 13.22374   | (20102908) |            |           |
| 399206.28  | 3816797.67 | 14.34334   | (19120124) | 399197.56 |
| 3816841.04 | 14.68963   | (19120124) |            |           |
| 399188.85  | 3816884.41 | 13.50615   | (19120124) | 399180.14 |
| 3816927.78 | 12.91574   | (19113024) |            |           |
| 399171.42  | 3816971.15 | 13.72671   | (19113024) | 399162.71 |
| 3817014.52 | 13.86774   | (19113024) |            |           |
| 399154.00  | 3817057.89 | 14.98003c  | (16011208) | 399145.28 |
| 3817101.26 | 15.55699c  | (16011208) |            |           |
| 399136.57  | 3817144.63 | 15.67715   | (17091008) | 399127.86 |
| 3817188.00 | 14.38608   | (17091008) |            |           |
| 399119.14  | 3817231.37 | 12.04340   | (20112024) | 399110.43 |
| 3817274.74 | 11.46662   | (19112208) |            |           |
| 399101.72  | 3817318.11 | 12.13277   | (19112208) | 399093.00 |
| 3817361.48 | 13.63324   | (18031208) |            |           |
| 399084.29  | 3817404.85 | 15.21762   | (18031208) | 399075.58 |
| 3817448.22 | 15.24796   | (18031208) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399066.86  | 3817491.59 | 13.71736   | (18031208) | 399058.15 |
| 3817534.96 | 11.26315   | (18112608) |            |           |
| 399049.44  | 3817578.33 | 13.19081   | (18112608) | 399040.73 |
| 3817621.70 | 13.85514   | (18112608) |            |           |
| 399032.01  | 3817665.07 | 13.11196   | (18112608) | 399023.30 |
| 3817708.44 | 13.42103   | (20022008) |            |           |
| 399014.59  | 3817751.81 | 16.16356   | (19010408) | 399005.87 |
| 3817795.18 | 20.07257   | (19010408) |            |           |
| 398997.16  | 3817838.55 | 22.66624   | (19010408) | 398988.45 |
| 3817881.92 | 23.43041   | (19010408) |            |           |
| 398979.73  | 3817925.29 | 22.31485   | (19010408) | 398971.02 |
| 3817968.66 | 19.68016   | (19010408) |            |           |
| 398962.31  | 3818012.03 | 17.30898   | (17030724) | 398953.59 |
| 3818055.40 | 20.28861   | (17030724) |            |           |
| 398944.88  | 3818098.77 | 21.46347   | (17030724) | 398936.17 |
| 3818142.14 | 20.51315   | (17030724) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 989

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398927.45   | 3818185.51  | 18.76438   | (20101608) | 398918.74   |
| 3818228.88  | 19.19830    | (20101608) |            |             |
| 398910.03   | 3818272.25  | 17.73646   | (20101608) | 398901.31   |
| 3818315.62  | 16.20974    | (19122108) |            |             |
| 398892.60   | 3818358.99  | 16.65904   | (19122108) | 398883.89   |
| 3818402.36  | 18.18047    | (16010308) |            |             |
| 398875.17   | 3818445.73  | 19.26445   | (16010308) | 398866.46   |
| 3818489.10  | 19.38020    | (16010308) |            |             |
| 398857.75   | 3818532.47  | 18.82993   | (16010308) | 398849.03   |
| 3818575.84  | 17.97193    | (16010308) |            |             |
| 398840.32   | 3818619.21  | 18.24401   | (20011808) | 398831.61   |
| 3818662.58  | 18.32834    | (20011808) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398822.90  | 3818705.95 | 16.83634   | (20011808) | 398814.18 |
| 3818749.32 | 14.16443   | (20011808) |            |           |
| 398027.68  | 3814344.93 | 13.89375   | (16021708) | 397992.78 |
| 3814317.57 | 14.29936   | (19120708) |            |           |
| 397957.88  | 3814290.22 | 15.61763   | (19120108) | 397922.98 |
| 3814262.86 | 19.47968   | (19120108) |            |           |
| 398364.93  | 3813984.12 | 14.77870   | (19120108) | 398387.64 |
| 3814022.19 | 12.05826   | (19120708) |            |           |
| 398410.36  | 3814060.26 | 12.20289   | (19120708) | 398433.07 |
| 3814098.33 | 12.28958   | (16021708) |            |           |
| 398455.78  | 3814136.40 | 14.24319   | (17101508) | 398478.50 |
| 3814174.48 | 15.02853   | (17101508) |            |           |
| 398501.21  | 3814212.55 | 14.15348m  | (17102708) | 398523.92 |
| 3814250.62 | 14.33581m  | (17102708) |            |           |
| 398546.64  | 3814288.69 | 12.83667m  | (17102708) | 398569.35 |
| 3814326.76 | 10.74049   | (17092508) |            |           |
| 398592.06  | 3814364.83 | 11.22543   | (17092508) | 398614.78 |
| 3814402.90 | 12.74501   | (18111208) |            |           |
| 398637.49  | 3814440.97 | 13.41544   | (18111208) | 398660.20 |
| 3814479.04 | 12.88246   | (18111208) |            |           |
| 398682.92  | 3814517.11 | 13.58786   | (17091008) | 398705.63 |
| 3814555.19 | 14.36077   | (17091008) |            |           |
| 398728.34  | 3814593.26 | 13.59539   | (17120924) | 398751.05 |
| 3814631.33 | 13.72491   | (17120924) |            |           |
| 398773.77  | 3814669.40 | 12.78989   | (17120924) | 398796.48 |
| 3814707.47 | 11.86713   | (17101308) |            |           |
| 398819.19  | 3814745.54 | 10.75070   | (20010308) | 398841.91 |
| 3814783.61 | 12.44263   | (20010308) |            |           |
| 398864.62  | 3814821.68 | 12.91644   | (20010308) | 398887.33 |
| 3814859.75 | 12.32541   | (17121508) |            |           |
| 398910.05  | 3814897.82 | 11.87110   | (17121508) | 398932.76 |
| 3814935.90 | 12.03614   | (20122108) |            |           |
| 398955.47  | 3814973.97 | 11.55705   | (20122108) | 398978.19 |
| 3815012.04 | 10.13920   | (18021608) |            |           |
| 399000.90  | 3815050.11 | 10.43728   | (18120408) | 399023.61 |
| 3815088.18 | 10.58880   | (18120408) |            |           |
| 399046.33  | 3815126.25 | 11.37849   | (19103108) | 399069.04 |
| 3815164.32 | 11.23697   | (19103108) |            |           |
| 399091.75  | 3815202.39 | 11.78240   | (18041808) | 399114.46 |
| 3815240.46 | 13.29343   | (16021524) |            |           |
| 399137.18  | 3815278.53 | 15.03006   | (16021524) | 399159.89 |
| 3815316.61 | 15.65512   | (16021524) |            |           |
| 399182.60  | 3815354.68 | 15.11773   | (16021524) | 399205.32 |
| 3815392.75 | 13.60467   | (16021524) |            |           |
| 399228.03  | 3815430.82 | 12.21254   | (19112408) | 399250.74 |
| 3815468.89 | 11.39338   | (16122724) |            |           |
| 399273.46  | 3815506.96 | 11.32303   | (16122724) | 399296.17 |
| 3815545.03 | 12.23492   | (17121908) |            |           |
| 399318.88  | 3815583.10 | 13.37690   | (17121908) | 399341.60 |
| 3815621.17 | 13.66895   | (17121908) |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399364.31  | 3815659.24 | 13.26403   | (17121908) | 399387.02 |
| 3815697.32 | 12.47095   | (17121908) |            |           |
| 399409.74  | 3815735.39 | 11.58953   | (17121908) | 399432.45 |
| 3815773.46 | 10.77257   | (17121908) |            |           |
| 399455.16  | 3815811.53 | 9.99268    | (17121908) | 399477.87 |
| 3815849.60 | 11.18712   | (18111908) |            |           |
| 399500.59  | 3815887.67 | 13.86989   | (18111908) | 399523.30 |
| 3815925.74 | 15.85453   | (18111908) |            |           |
| 399546.01  | 3815963.81 | 16.73921   | (18111908) | 399568.73 |
| 3816001.88 | 16.35035   | (18111908) |            |           |
| 399591.44  | 3816039.95 | 14.79751   | (18111908) | 399614.15 |
| 3816078.03 | 12.56291   | (16122808) |            |           |
| 399636.87  | 3816116.10 | 13.21651   | (17112908) | 399659.58 |
| 3816154.17 | 15.23854   | (17112908) |            |           |
| 399682.29  | 3816192.24 | 16.34207   | (17112908) | 399705.01 |
| 3816230.31 | 16.32792   | (17112908) |            |           |
| 399727.72  | 3816268.38 | 15.22130   | (17112908) | 399750.43 |
| 3816306.45 | 13.25817   | (17112908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 990

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399768.78   | 3816366.25  | 15.28328   | (19100208) | 399760.05   |
| 3816409.72  | 16.32186    | (19100208) |            |             |
| 399751.32   | 3816453.18  | 16.16336   | (18102008) | 399742.58   |
| 3816496.64  | 17.19376    | (18102008) |            |             |
| 399733.85   | 3816540.11  | 16.64518   | (18102008) | 399725.12   |
| 3816583.57  | 15.96678    | (18121408) |            |             |
| 399716.39   | 3816627.03  | 15.86831   | (20102908) | 399707.66   |
| 3816670.50  | 16.67646    | (20102908) |            |             |
| 399698.92   | 3816713.96  | 15.91765   | (20102908) | 399690.19   |
| 3816757.42  | 13.78940    | (20102908) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399681.46  | 3816800.88 | 11.44304   | (19120124) | 399672.73 |
| 3816844.35 | 12.70665   | (19120124) |            |           |
| 399664.00  | 3816887.81 | 12.89975   | (19120124) | 399655.26 |
| 3816931.27 | 11.97031   | (19120124) |            |           |
| 399646.53  | 3816974.74 | 11.10143   | (19113024) | 399637.80 |
| 3817018.20 | 11.86507   | (19113024) |            |           |
| 399629.07  | 3817061.66 | 12.11486   | (19113024) | 399620.34 |
| 3817105.13 | 12.45376c  | (16011208) |            |           |
| 399611.60  | 3817148.59 | 13.63583c  | (16011208) | 399602.87 |
| 3817192.05 | 13.74393   | (17091008) |            |           |
| 399594.14  | 3817235.52 | 13.62435   | (17091008) | 399585.41 |
| 3817278.98 | 12.32581   | (17091008) |            |           |
| 399576.68  | 3817322.44 | 10.59736   | (20112024) | 399567.94 |
| 3817365.90 | 10.08242   | (20112024) |            |           |
| 399559.21  | 3817409.37 | 10.68615   | (19112208) | 399550.48 |
| 3817452.83 | 11.49033   | (18031208) |            |           |
| 399541.75  | 3817496.29 | 13.06258   | (18031208) | 399533.02 |
| 3817539.76 | 13.57297   | (18031208) |            |           |
| 399524.29  | 3817583.22 | 12.89109   | (18031208) | 399515.55 |
| 3817626.68 | 11.19408   | (18031208) |            |           |
| 399506.82  | 3817670.15 | 10.48258   | (18112608) | 399498.09 |
| 3817713.61 | 11.82051   | (18112608) |            |           |
| 399489.36  | 3817757.07 | 12.17692   | (18112608) | 399480.63 |
| 3817800.54 | 11.50266   | (18112608) |            |           |
| 399471.89  | 3817844.00 | 11.53933   | (20022008) | 399463.16 |
| 3817887.46 | 13.49097   | (20022008) |            |           |
| 399454.43  | 3817930.92 | 16.71529   | (19010408) | 399445.70 |
| 3817974.39 | 19.20561   | (19010408) |            |           |
| 399436.97  | 3818017.85 | 20.45839   | (19010408) | 399428.23 |
| 3818061.31 | 20.31122   | (19010408) |            |           |
| 399419.50  | 3818104.78 | 18.88150   | (19010408) | 399410.77 |
| 3818148.24 | 16.49046   | (19010408) |            |           |
| 399402.04  | 3818191.70 | 15.66035   | (17030724) | 399393.31 |
| 3818235.17 | 17.95546   | (17030724) |            |           |
| 399384.57  | 3818278.63 | 18.90039   | (17030724) | 399375.84 |
| 3818322.09 | 18.27873   | (17030724) |            |           |
| 399367.11  | 3818365.56 | 16.25159   | (17030724) | 399358.38 |
| 3818409.02 | 16.96761   | (20101608) |            |           |
| 399349.65  | 3818452.48 | 16.31615   | (20101608) | 399340.91 |
| 3818495.95 | 14.46279   | (20101608) |            |           |
| 399332.18  | 3818539.41 | 14.39857   | (19122108) | 399323.45 |
| 3818582.87 | 14.66759   | (16010308) |            |           |
| 399314.72  | 3818626.33 | 16.16384   | (16010308) | 399305.99 |
| 3818669.80 | 16.88558   | (16010308) |            |           |
| 399297.26  | 3818713.26 | 16.91440   | (16010308) | 399288.52 |
| 3818756.72 | 16.46480   | (16010308) |            |           |
| 399279.79  | 3818800.19 | 15.78339   | (16010308) | 399271.06 |
| 3818843.65 | 15.75139   | (20011808) |            |           |
| 399262.33  | 3818887.11 | 16.26207   | (20011808) | 399253.60 |
| 3818930.58 | 15.57267   | (20011808) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 399244.86  | 3818974.04 | 13.84986   | (20011808) | 399236.13 |
| 3819017.50 | 11.58242   | (16010308) |            |           |
| 398336.13  | 3813951.41 | 17.22849   | (19120108) | 398301.23 |
| 3813924.05 | 17.90615   | (19120108) |            |           |
| 398266.33  | 3813896.70 | 16.59440   | (19120108) | 398231.43 |
| 3813869.34 | 16.66450   | (17121008) |            |           |
| 399187.41  | 3812934.65 | 8.50791    | (18120408) | 399210.03 |
| 3812972.56 | 9.53053    | (17121008) |            |           |
| 399232.65  | 3813010.47 | 10.78664   | (17121008) | 399255.26 |
| 3813048.38 | 11.56249   | (17121008) |            |           |
| 399277.88  | 3813086.29 | 11.77143   | (17121008) | 399300.50 |
| 3813124.20 | 11.76866   | (19120108) |            |           |
| 399323.12  | 3813162.11 | 12.75145   | (19120108) | 399345.73 |
| 3813200.02 | 12.80713   | (19120108) |            |           |
| 399368.35  | 3813237.93 | 11.91996   | (19120108) | 399390.97 |
| 3813275.85 | 10.27741   | (19120108) |            |           |
| 399413.59  | 3813313.76 | 8.69436    | (19120708) | 399436.21 |
| 3813351.67 | 8.97221    | (19120708) |            |           |
| 399458.82  | 3813389.58 | 8.59663    | (16021708) | 399481.44 |
| 3813427.49 | 8.98451    | (16021708) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 991

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399504.06   | 3813465.40  | 10.22494   | (17101508) | 399526.68   |
| 3813503.31  | 10.83104    | (17101508) |            |             |
| 399549.29   | 3813541.22  | 10.62126   | (17101508) | 399571.91   |
| 3813579.13  | 10.44966m   | (17102708) |            |             |
| 399594.53   | 3813617.05  | 10.38061m  | (17102708) | 399617.15   |
| 3813654.96  | 9.54667m    | (17102708) |            |             |
| 399639.76   | 3813692.87  | 8.12908m   | (17102708) | 399662.38   |
| 3813730.78  | 8.03540     | (17092508) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 399685.00  | 3813768.69          | 8.15074  | (17092508) | 399707.62 |
| 3813806.60 | 9.00816 (18111208)  |          |            |           |
| 399730.24  | 3813844.51          | 9.54070  | (18111208) | 399752.85 |
| 3813882.42 | 9.52504 (18111208)  |          |            |           |
| 399775.47  | 3813920.33          | 8.99681  | (18111208) | 399798.09 |
| 3813958.24 | 9.76424 (17091008)  |          |            |           |
| 399820.71  | 3813996.16          | 10.34859 | (17091008) | 399843.32 |
| 3814034.07 | 10.16067 (17091008) |          |            |           |
| 399865.94  | 3814071.98          | 9.84802  | (17120924) | 399888.56 |
| 3814109.89 | 9.81170 (17120924)  |          |            |           |
| 399911.18  | 3814147.80          | 9.31171  | (17120924) | 399933.79 |
| 3814185.71 | 8.84679 (17101308)  |          |            |           |
| 399956.41  | 3814223.62          | 8.28952  | (17101308) | 399979.03 |
| 3814261.53 | 7.91971 (20010308)  |          |            |           |
| 400001.65  | 3814299.44          | 8.89695  | (20010308) | 400024.27 |
| 3814337.36 | 9.33469 (20010308)  |          |            |           |
| 400046.88  | 3814375.27          | 9.15848  | (20010308) | 400069.50 |
| 3814413.18 | 8.88850 (17121508)  |          |            |           |
| 400092.12  | 3814451.09          | 8.55457  | (17121508) | 400114.74 |
| 3814489.00 | 8.69693 (20122108)  |          |            |           |
| 400137.35  | 3814526.91          | 8.70080  | (20122108) | 400159.97 |
| 3814564.82 | 8.09860 (20122108)  |          |            |           |
| 400182.59  | 3814602.73          | 7.35213  | (18021608) | 400205.21 |
| 3814640.64 | 7.47327 (18120408)  |          |            |           |
| 400227.83  | 3814678.56          | 7.75598  | (18120408) | 400250.44 |
| 3814716.47 | 7.86219 (19103108)  |          |            |           |
| 400273.06  | 3814754.38          | 8.31964  | (19103108) | 400295.68 |
| 3814792.29 | 8.21128 (19103108)  |          |            |           |
| 400318.30  | 3814830.20          | 8.48307  | (18041808) | 400340.91 |
| 3814868.11 | 8.82382 (16101124)  |          |            |           |
| 400363.53  | 3814906.02          | 9.91350  | (16021524) | 400386.15 |
| 3814943.93 | 10.83824 (16021524) |          |            |           |
| 400408.77  | 3814981.84          | 11.26219 | (16021524) | 400431.38 |
| 3815019.75 | 11.16115 (16021524) |          |            |           |
| 400454.00  | 3815057.67          | 10.58089 | (16021524) | 400476.62 |
| 3815095.58 | 9.61765 (16021524)  |          |            |           |
| 400499.24  | 3815133.49          | 8.88223  | (19112408) | 400521.86 |
| 3815171.40 | 8.27565 (19112408)  |          |            |           |
| 400544.47  | 3815209.31          | 8.37277  | (16122724) | 400567.09 |
| 3815247.22 | 8.14905 (16122724)  |          |            |           |
| 400589.71  | 3815285.13          | 8.65478  | (17121908) | 400612.33 |
| 3815323.04 | 9.38508 (17121908)  |          |            |           |
| 400634.94  | 3815360.95          | 9.72704  | (17121908) | 400657.56 |
| 3815398.87 | 9.70137 (17121908)  |          |            |           |
| 400680.18  | 3815436.78          | 9.39437  | (17121908) | 400702.80 |
| 3815474.69 | 8.92755 (17121908)  |          |            |           |
| 400725.41  | 3815512.60          | 8.41765  | (17121908) | 400748.03 |
| 3815550.51 | 7.94208 (17121908)  |          |            |           |
| 400770.65  | 3815588.42          | 7.52227  | (17121908) | 400793.27 |
| 3815626.33 | 7.24769 (17062608)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400815.89  | 3815664.24 | 7.11638    | (18111908) | 400838.50 |
| 3815702.15 | 8.74945    | (18111908) |            |           |
| 400861.12  | 3815740.07 | 10.22087   | (18111908) | 400883.74 |
| 3815777.98 | 11.35377   | (18111908) |            |           |
| 400906.36  | 3815815.89 | 12.00402   | (18111908) | 400928.97 |
| 3815853.80 | 12.08907   | (18111908) |            |           |
| 400951.59  | 3815891.71 | 11.60529   | (18111908) | 400974.21 |
| 3815929.62 | 10.62708   | (18111908) |            |           |
| 400996.83  | 3815967.53 | 9.28851    | (18111908) | 401019.44 |
| 3816005.44 | 9.04636    | (16122808) |            |           |
| 401042.06  | 3816043.35 | 9.99565    | (17112908) | 401064.68 |
| 3816081.26 | 11.08049   | (17112908) |            |           |
| 401082.95  | 3816140.82 | 11.94068   | (17112908) | 401074.25 |
| 3816184.10 | 11.85912   | (17112908) |            |           |
| 401065.56  | 3816227.38 | 11.16039   | (17112908) | 401056.86 |
| 3816270.66 | 9.94535    | (17112908) |            |           |
| 401048.17  | 3816313.94 | 10.24840   | (19100208) | 401039.47 |
| 3816357.22 | 11.51664   | (19100208) |            |           |
| 401030.78  | 3816400.50 | 12.18419   | (19100208) | 401022.08 |
| 3816443.78 | 12.13024   | (19100208) |            |           |
| 401013.39  | 3816487.06 | 12.58523   | (18102008) | 401004.69 |
| 3816530.34 | 12.89468   | (18102008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 992

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 400996.00   | 3816573.62  | 12.41993   | (18102008) | 400987.30   |
| 3816616.90  | 12.07005    | (18121408) |            |             |
| 400978.61   | 3816660.18  | 11.31008   | (20102908) | 400969.91   |
| 3816703.46  | 12.25587    | (20102908) |            |             |
| 400961.22   | 3816746.74  | 12.47352   | (20102908) | 400952.52   |
| 3816790.02  | 11.91877    | (20102908) |            |             |

|            |                     |           |            |           |
|------------|---------------------|-----------|------------|-----------|
| 400943.83  | 3816833.30          | 10.68829  | (20102908) | 400935.13 |
| 3816876.58 | 8.99210 (20102908)  |           |            |           |
| 400926.44  | 3816919.87          | 8.90755   | (19120124) | 400917.74 |
| 3816963.15 | 9.53393 (19120124)  |           |            |           |
| 400909.05  | 3817006.43          | 9.62510   | (19120124) | 400900.35 |
| 3817049.71 | 9.16460 (19120124)  |           |            |           |
| 400891.65  | 3817092.99          | 8.22851   | (19120124) | 400882.96 |
| 3817136.27 | 8.37783 (19113024)  |           |            |           |
| 400874.26  | 3817179.55          | 8.75210   | (19113024) | 400865.57 |
| 3817222.83 | 8.87853 (19113024)  |           |            |           |
| 400856.87  | 3817266.11          | 8.81487c  | (16011208) | 400848.18 |
| 3817309.39 | 9.84789c (16011208) |           |            |           |
| 400839.48  | 3817352.67          | 10.30647c | (16011208) | 400830.79 |
| 3817395.95 | 10.26306 (17091008) |           |            |           |
| 400822.09  | 3817439.23          | 10.23741  | (17091008) | 400813.40 |
| 3817482.51 | 9.62148 (17091008)  |           |            |           |
| 400804.70  | 3817525.79          | 8.51815   | (17091008) | 400796.01 |
| 3817569.07 | 7.89432 (20112024)  |           |            |           |
| 400787.31  | 3817612.35          | 7.52652   | (19112208) | 400778.62 |
| 3817655.63 | 7.97313 (19112208)  |           |            |           |
| 400769.92  | 3817698.91          | 7.93562   | (19112208) | 400761.23 |
| 3817742.19 | 9.03140 (18031208)  |           |            |           |
| 400752.53  | 3817785.48          | 9.84773   | (18031208) | 400743.84 |
| 3817828.76 | 10.12699 (18031208) |           |            |           |
| 400735.14  | 3817872.04          | 9.82236   | (18031208) | 400726.45 |
| 3817915.32 | 8.98651 (18031208)  |           |            |           |
| 400717.75  | 3817958.60          | 7.75719   | (18031208) | 400709.05 |
| 3818001.88 | 7.91754 (18112608)  |           |            |           |
| 400700.36  | 3818045.16          | 8.74219   | (18112608) | 400691.66 |
| 3818088.44 | 9.09418 (18112608)  |           |            |           |
| 400682.97  | 3818131.72          | 8.92876   | (18112608) | 400674.27 |
| 3818175.00 | 8.29527 (18112608)  |           |            |           |
| 400665.58  | 3818218.28          | 8.61591   | (20022008) | 400656.88 |
| 3818261.56 | 9.83669 (20022008)  |           |            |           |
| 400648.19  | 3818304.84          | 11.47192  | (19010408) | 400639.49 |
| 3818348.12 | 13.24674 (19010408) |           |            |           |
| 400630.80  | 3818391.40          | 14.53029  | (19010408) | 400622.10 |
| 3818434.68 | 15.18520 (19010408) |           |            |           |
| 400613.41  | 3818477.96          | 15.16463  | (19010408) | 400604.71 |
| 3818521.24 | 14.51076 (19010408) |           |            |           |
| 400596.02  | 3818564.52          | 13.33317  | (19010408) | 400587.32 |
| 3818607.80 | 11.77962 (19010408) |           |            |           |
| 400578.63  | 3818651.09          | 11.52344  | (17030724) | 400569.93 |
| 3818694.37 | 13.03781 (17030724) |           |            |           |
| 400561.24  | 3818737.65          | 13.94928  | (17030724) | 400552.54 |
| 3818780.93 | 14.11900 (17030724) |           |            |           |
| 400543.84  | 3818824.21          | 13.52399  | (17030724) | 400535.15 |
| 3818867.49 | 12.26376 (17030724) |           |            |           |
| 400526.45  | 3818910.77          | 12.61775  | (20101608) | 400517.76 |
| 3818954.05 | 12.56542 (20101608) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400509.06  | 3818997.33 | 11.82869   | (20101608) | 400500.37 |
| 3819040.61 | 10.56525   | (20101608) |            |           |
| 400491.67  | 3819083.89 | 10.54613   | (19122108) | 400482.98 |
| 3819127.17 | 10.71412   | (19122108) |            |           |
| 400474.28  | 3819170.45 | 11.37455   | (16010308) | 400465.59 |
| 3819213.73 | 12.09533   | (16010308) |            |           |
| 400456.89  | 3819257.01 | 12.43740   | (16010308) | 400448.20 |
| 3819300.29 | 12.44537   | (16010308) |            |           |
| 400439.50  | 3819343.57 | 12.20628   | (16010308) | 400430.81 |
| 3819386.85 | 11.82288   | (16010308) |            |           |
| 400422.11  | 3819430.13 | 11.38661   | (16010308) | 400413.42 |
| 3819473.41 | 11.70990   | (20011808) |            |           |
| 400404.72  | 3819516.70 | 12.12235   | (20011808) | 400396.03 |
| 3819559.98 | 11.94533   | (20011808) |            |           |
| 400387.33  | 3819603.26 | 11.21236   | (20011808) | 400378.64 |
| 3819646.54 | 10.03161   | (20011808) |            |           |
| 400369.94  | 3819689.82 | 8.57195    | (16010308) | 400361.24 |
| 3819733.10 | 8.08824    | (20031208) |            |           |
| 399158.65  | 3812902.01 | 9.72750    | (18120408) | 399123.75 |
| 3812874.66 | 10.97805   | (18120408) |            |           |
| 399088.85  | 3812847.30 | 12.04691   | (18120408) | 399053.95 |
| 3812819.95 | 12.78177   | (18120408) |            |           |
| 400009.96  | 3811885.29 | 9.75753    | (18120408) | 400032.63 |
| 3811923.29 | 9.76360    | (18120408) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 993

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 400055.30   | 3811961.29  | 9.55546    | (18120408) | 400077.97   |
| 3811999.28  | 9.13400     | (18120408) |            |             |
| 400100.63   | 3812037.28  | 8.52350    | (18120408) | 400123.30   |
| 3812075.27  | 7.77758     | (18120408) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 400145.97  | 3812113.27          | 6.97686  | (18120408) | 400168.64 |
| 3812151.26 | 6.26568 (18020108)  |          |            |           |
| 400191.31  | 3812189.26          | 7.23816  | (17121008) | 400213.98 |
| 3812227.25 | 8.07302 (17121008)  |          |            |           |
| 400236.64  | 3812265.25          | 8.66830  | (17121008) | 400259.31 |
| 3812303.25 | 8.97694 (17121008)  |          |            |           |
| 400281.98  | 3812341.24          | 8.98070  | (17121008) | 400304.65 |
| 3812379.24 | 9.09401 (19120108)  |          |            |           |
| 400327.32  | 3812417.23          | 9.76118  | (19120108) | 400349.98 |
| 3812455.23 | 9.93802 (19120108)  |          |            |           |
| 400372.65  | 3812493.22          | 9.59561  | (19120108) | 400395.32 |
| 3812531.22 | 8.78497 (19120108)  |          |            |           |
| 400417.99  | 3812569.21          | 7.62507  | (19120108) | 400440.66 |
| 3812607.21 | 6.69475 (19120708)  |          |            |           |
| 400463.32  | 3812645.21          | 6.93825  | (19120708) | 400485.99 |
| 3812683.20 | 6.81610 (19120708)  |          |            |           |
| 400508.66  | 3812721.20          | 6.82804  | (16021708) | 400531.33 |
| 3812759.19 | 7.08413 (17101508)  |          |            |           |
| 400554.00  | 3812797.19          | 7.87848  | (17101508) | 400576.67 |
| 3812835.18 | 8.30337 (17101508)  |          |            |           |
| 400599.33  | 3812873.18          | 8.29310  | (17101508) | 400622.00 |
| 3812911.18 | 7.85246m (17102708) |          |            |           |
| 400644.67  | 3812949.17          | 8.12322m | (17102708) | 400667.34 |
| 3812987.17 | 7.96336m (17102708) |          |            |           |
| 400690.01  | 3813025.16          | 7.39819m | (17102708) | 400712.67 |
| 3813063.16 | 6.51379m (17102708) |          |            |           |
| 400735.34  | 3813101.15          | 6.03561  | (17092508) | 400758.01 |
| 3813139.15 | 6.30609 (17092508)  |          |            |           |
| 400780.68  | 3813177.14          | 6.27263  | (17092508) | 400803.35 |
| 3813215.14 | 6.88397 (18111208)  |          |            |           |
| 400826.02  | 3813253.14          | 7.25356  | (18111208) | 400848.68 |
| 3813291.13 | 7.32930 (18111208)  |          |            |           |
| 400871.35  | 3813329.13          | 7.11702  | (18111208) | 400894.02 |
| 3813367.12 | 6.92251 (19020108)  |          |            |           |
| 400916.69  | 3813405.12          | 7.57387  | (17091008) | 400939.36 |
| 3813443.11 | 7.94965 (17091008)  |          |            |           |
| 400962.02  | 3813481.11          | 7.91125  | (17091008) | 400984.69 |
| 3813519.10 | 7.46578 (17091008)  |          |            |           |
| 401007.36  | 3813557.10          | 7.55723  | (17120924) | 401030.03 |
| 3813595.10 | 7.44794 (17120924)  |          |            |           |
| 401052.70  | 3813633.09          | 7.10110  | (17120924) | 401075.36 |
| 3813671.09 | 6.87133 (17101308)  |          |            |           |
| 401098.03  | 3813709.08          | 6.61160  | (17101308) | 401120.70 |
| 3813747.08 | 6.03770 (17101308)  |          |            |           |
| 401143.37  | 3813785.07          | 6.30571  | (20010308) | 401166.04 |
| 3813823.07 | 6.88797 (20010308)  |          |            |           |
| 401188.71  | 3813861.07          | 7.17385  | (20010308) | 401211.37 |
| 3813899.06 | 7.12911 (20010308)  |          |            |           |
| 401234.04  | 3813937.06          | 6.79845  | (17121508) | 401256.71 |
| 3813975.05 | 6.78279 (17121508)  |          |            |           |



|                                                                          |                    |         |            |           |
|--------------------------------------------------------------------------|--------------------|---------|------------|-----------|
| 401279.38                                                                | 3814013.05         | 6.47143 | (17121508) | 401302.05 |
| 3814051.04                                                               | 6.72490 (20122108) |         |            |           |
| 401324.71                                                                | 3814089.04         | 6.76774 | (20122108) | 401347.38 |
| 3814127.03                                                               | 6.47643 (20122108) |         |            |           |
| 401370.05                                                                | 3814165.03         | 5.89518 | (20122108) | 401392.72 |
| 3814203.03                                                               | 5.63498 (18021608) |         |            |           |
| 401415.39                                                                | 3814241.02         | 5.79787 | (18120408) | 401438.05 |
| 3814279.02                                                               | 5.98890 (18120408) |         |            |           |
| 401460.72                                                                | 3814317.01         | 5.88934 | (18120408) | 401483.39 |
| 3814355.01                                                               | 6.31234 (19103108) |         |            |           |
| 401506.06                                                                | 3814393.00         | 6.45363 | (19103108) | 401528.73 |
| 3814431.00                                                               | 6.28664 (19103108) |         |            |           |
| 401551.40                                                                | 3814468.99         | 6.55366 | (18041808) | 401574.06 |
| 3814506.99                                                               | 6.64154 (18041808) |         |            |           |
| 401596.73                                                                | 3814544.99         | 7.25000 | (16101124) | 401619.40 |
| 3814582.98                                                               | 7.95492 (16021524) |         |            |           |
| 401642.07                                                                | 3814620.98         | 8.44122 | (16021524) | 401664.74 |
| 3814658.97                                                               | 8.65362 (16021524) |         |            |           |
| 401687.40                                                                | 3814696.97         | 8.58860 | (16021524) | 401710.07 |
| 3814734.96                                                               | 8.26788 (16021524) |         |            |           |
| 401732.74                                                                | 3814772.96         | 7.73153 | (16021524) | 401755.41 |
| 3814810.95                                                               | 7.03064 (16021524) |         |            |           |
| 401778.08                                                                | 3814848.95         | 6.77218 | (19112408) | 401800.74 |
| 3814886.95                                                               | 6.36286 (19112408) |         |            |           |
| 401823.41                                                                | 3814924.94         | 6.46269 | (16122724) | 401846.08 |
| 3814962.94                                                               | 6.42148 (16122724) |         |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |                    |         |            |           |
| Study *** 02/10/26                                                       |                    |         |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |                    |         |            |           |
| *** 17:54:19                                                             |                    |         |            |           |

PAGE 994

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 401868.75   | 3815000.93  | 6.18925    | (16120408) | 401891.42   |
| 3815038.93  | 6.76699     | (17121908) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401914.09  | 3815076.92          | 7.19601  | (17121908) | 401936.75 |
| 3815114.92 | 7.41436 (17121908)  |          |            |           |
| 401959.42  | 3815152.92          | 7.43018  | (17121908) | 401982.09 |
| 3815190.91 | 7.27805 (17121908)  |          |            |           |
| 402004.76  | 3815228.91          | 7.01035  | (17121908) | 402027.43 |
| 3815266.90 | 6.68537 (17121908)  |          |            |           |
| 402050.09  | 3815304.90          | 6.35422  | (17121908) | 402072.76 |
| 3815342.89 | 6.05106 (17121908)  |          |            |           |
| 402095.43  | 3815380.89          | 5.78770  | (17121908) | 402118.10 |
| 3815418.88 | 5.74628 (17062608)  |          |            |           |
| 402140.77  | 3815456.88          | 5.50805  | (17062608) | 402163.43 |
| 3815494.88 | 5.41632 (18111908)  |          |            |           |
| 402186.10  | 3815532.87          | 6.47212  | (18111908) | 402208.77 |
| 3815570.87 | 7.46358 (18111908)  |          |            |           |
| 402231.44  | 3815608.86          | 8.31010  | (18111908) | 402254.11 |
| 3815646.86 | 8.93851 (18111908)  |          |            |           |
| 402276.78  | 3815684.85          | 9.29202  | (18111908) | 402299.44 |
| 3815722.85 | 9.33991 (18111908)  |          |            |           |
| 402322.11  | 3815760.84          | 9.08106  | (18111908) | 402344.78 |
| 3815798.84 | 8.54387 (18111908)  |          |            |           |
| 402367.45  | 3815836.84          | 7.78133  | (18111908) | 402390.12 |
| 3815874.83 | 6.87603 (16122808)  |          |            |           |
| 402397.09  | 3815915.52          | 6.95100  | (16122808) | 402388.38 |
| 3815958.89 | 7.67093 (17112908)  |          |            |           |
| 402379.66  | 3816002.27          | 8.53331  | (17112908) | 402370.95 |
| 3816045.65 | 9.14414 (17112908)  |          |            |           |
| 402362.23  | 3816089.03          | 9.43554  | (17112908) | 402353.52 |
| 3816132.40 | 9.37220 (17112908)  |          |            |           |
| 402344.81  | 3816175.78          | 8.95783  | (17112908) | 402336.09 |
| 3816219.16 | 8.23520 (17112908)  |          |            |           |
| 402327.38  | 3816262.53          | 7.29366  | (19100208) | 402318.66 |
| 3816305.91 | 8.34643 (19100208)  |          |            |           |
| 402309.95  | 3816349.29          | 9.14865  | (19100208) | 402301.23 |
| 3816392.66 | 9.60274 (19100208)  |          |            |           |
| 402292.52  | 3816436.04          | 9.64947  | (19100208) | 402283.80 |
| 3816479.42 | 9.64562 (18102008)  |          |            |           |
| 402275.09  | 3816522.80          | 10.11721 | (18102008) | 402266.37 |
| 3816566.17 | 10.15335 (18102008) |          |            |           |
| 402257.66  | 3816609.55          | 9.74682  | (18102008) | 402248.94 |
| 3816652.93 | 9.55435 (18121408)  |          |            |           |
| 402240.23  | 3816696.30          | 9.00987  | (18121408) | 402231.51 |
| 3816739.68 | 9.40235 (20102908)  |          |            |           |
| 402222.80  | 3816783.06          | 9.81966  | (20102908) | 402214.09 |
| 3816826.43 | 9.80306 (20102908)  |          |            |           |
| 402205.37  | 3816869.81          | 9.35260  | (20102908) | 402196.66 |
| 3816913.19 | 8.52530 (20102908)  |          |            |           |
| 402187.94  | 3816956.57          | 7.42334  | (20102908) | 402179.23 |
| 3816999.94 | 6.63560 (19120124)  |          |            |           |
| 402170.51  | 3817043.32          | 7.22676  | (19120124) | 402161.80 |
| 3817086.70 | 7.54863 (19120124)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402153.08  | 3817130.07 | 7.56215    | (19120124) | 402144.37 |
| 3817173.45 | 7.26519    | (19120124) |            |           |
| 402135.65  | 3817216.83 | 6.69313    | (19120124) | 402126.94 |
| 3817260.20 | 6.31253    | (19113024) |            |           |
| 402118.22  | 3817303.58 | 6.64906    | (19113024) | 402109.51 |
| 3817346.96 | 6.83640    | (19113024) |            |           |
| 402100.80  | 3817390.34 | 6.88860    | (19113024) | 402092.08 |
| 3817433.71 | 6.83640    | (19113024) |            |           |
| 402083.37  | 3817477.09 | 7.54930c   | (16011208) | 402074.65 |
| 3817520.47 | 8.03103c   | (16011208) |            |           |
| 402065.94  | 3817563.84 | 8.15190c   | (16011208) | 402057.22 |
| 3817607.22 | 8.10744    | (17091008) |            |           |
| 402048.51  | 3817650.60 | 8.05197    | (17091008) | 402039.79 |
| 3817693.97 | 7.66369    | (17091008) |            |           |
| 402031.08  | 3817737.35 | 6.98922    | (17091008) | 402022.36 |
| 3817780.73 | 6.22420    | (20112024) |            |           |
| 402013.65  | 3817824.11 | 6.16022    | (20112024) | 402004.93 |
| 3817867.48 | 6.01965    | (19112208) |            |           |
| 401996.22  | 3817910.86 | 6.29742    | (19112208) | 401987.51 |
| 3817954.24 | 6.29715    | (19112208) |            |           |
| 401978.79  | 3817997.61 | 6.76877    | (18031208) | 401970.08 |
| 3818040.99 | 7.45173    | (18031208) |            |           |
| 401961.36  | 3818084.37 | 7.86790    | (18031208) | 401952.65 |
| 3818127.74 | 7.96715    | (18031208) |            |           |
| 401943.93  | 3818171.12 | 7.73759    | (18031208) | 401935.22 |
| 3818214.50 | 7.20767    | (18031208) |            |           |
| 401926.50  | 3818257.88 | 6.44062    | (18031208) | 401917.79 |
| 3818301.25 | 5.79491    | (19120208) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 995

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401909.07  | 3818344.63          | 6.44109  | (18112608) | 401900.36 |
| 3818388.01 | 6.93714 (18112608)  |          |            |           |
| 401891.64  | 3818431.38          | 7.15863  | (18112608) | 401882.93 |
| 3818474.76 | 7.08575 (18112608)  |          |            |           |
| 401874.21  | 3818518.14          | 6.73749  | (18112608) | 401865.50 |
| 3818561.51 | 6.16688 (18112608)  |          |            |           |
| 401856.79  | 3818604.89          | 7.03547  | (20022008) | 401848.07 |
| 3818648.27 | 7.80691 (20022008)  |          |            |           |
| 401839.36  | 3818691.65          | 8.84818  | (19010408) | 401830.64 |
| 3818735.02 | 10.06890 (19010408) |          |            |           |
| 401821.93  | 3818778.40          | 11.03901 | (19010408) | 401813.21 |
| 3818821.78 | 11.68135 (19010408) |          |            |           |
| 401804.50  | 3818865.15          | 11.95359 | (19010408) | 401795.78 |
| 3818908.53 | 11.85140 (19010408) |          |            |           |
| 401787.07  | 3818951.91          | 11.40364 | (19010408) | 401778.35 |
| 3818995.28 | 10.66411 (19010408) |          |            |           |
| 401769.64  | 3819038.66          | 9.70064  | (19010408) | 401760.92 |
| 3819082.04 | 8.58672 (19010408)  |          |            |           |
| 401752.21  | 3819125.42          | 9.37187  | (17030724) | 401743.50 |
| 3819168.79 | 10.34101 (17030724) |          |            |           |
| 401734.78  | 3819212.17          | 10.96369 | (17030724) | 401726.07 |
| 3819255.55 | 11.17116 (17030724) |          |            |           |
| 401717.35  | 3819298.92          | 10.94163 | (17030724) | 401708.64 |
| 3819342.30 | 10.30417 (17030724) |          |            |           |
| 401699.92  | 3819385.68          | 9.59456  | (20101608) | 401691.21 |
| 3819429.05 | 9.97618 (20101608)  |          |            |           |
| 401682.49  | 3819472.43          | 9.94638  | (20101608) | 401673.78 |
| 3819515.81 | 9.51936 (20101608)  |          |            |           |
| 401665.06  | 3819559.19          | 8.76158  | (20101608) | 401656.35 |
| 3819602.56 | 8.04245 (19122108)  |          |            |           |
| 401647.63  | 3819645.94          | 8.26741  | (19122108) | 401638.92 |
| 3819689.32 | 8.35492 (19122108)  |          |            |           |
| 401630.21  | 3819732.69          | 8.80437  | (16010308) | 401621.49 |
| 3819776.07 | 9.32518 (16010308)  |          |            |           |
| 401612.78  | 3819819.45          | 9.62944  | (16010308) | 401604.06 |
| 3819862.83 | 9.72976 (16010308)  |          |            |           |
| 401595.35  | 3819906.20          | 9.65983  | (16010308) | 401586.63 |
| 3819949.58 | 9.46661 (16010308)  |          |            |           |
| 401577.92  | 3819992.96          | 9.20073  | (16010308) | 401569.20 |
| 3820036.33 | 8.90728 (16010308)  |          |            |           |
| 401560.49  | 3820079.71          | 8.62260  | (20011808) | 401551.77 |
| 3820123.09 | 9.08346 (20011808)  |          |            |           |
| 401543.06  | 3820166.46          | 9.28935  | (20011808) | 401534.34 |
| 3820209.84 | 8.93143 (20011808)  |          |            |           |
| 401525.63  | 3820253.22          | 8.26236  | (20011808) | 401516.92 |
| 3820296.60 | 7.26921 (20011808)  |          |            |           |
| 401508.20  | 3820339.97          | 6.14842  | (20011808) | 401499.49 |
| 3820383.35 | 5.59973 (16010308)  |          |            |           |
| 401490.77  | 3820426.73          | 5.36068  | (20031208) | 399981.18 |
| 3811852.62 | 9.56454 (18120408)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399946.28  | 3811825.26         | 9.19680 | (18120408) | 399911.38 |
| 3811797.91 | 8.65116 (18120408) |         |            |           |
| 399876.48  | 3811770.55         | 9.01816 | (19010808) | 400832.51 |
| 3810835.93 | 7.48533 (19010808) |         |            |           |
| 400855.21  | 3810873.98         | 7.07440 | (19010808) | 400877.91 |
| 3810912.03 | 6.87777 (18120408) |         |            |           |
| 400900.61  | 3810950.08         | 7.26413 | (18120408) | 400923.31 |
| 3810988.13 | 7.55614 (18120408) |         |            |           |
| 400946.01  | 3811026.19         | 7.74699 | (18120408) | 400968.71 |
| 3811064.24 | 7.82795 (18120408) |         |            |           |
| 400991.42  | 3811102.29         | 7.79005 | (18120408) | 401014.12 |
| 3811140.34 | 7.62669 (18120408) |         |            |           |
| 401036.82  | 3811178.39         | 7.33766 | (18120408) | 401059.52 |
| 3811216.44 | 6.93329 (18120408) |         |            |           |
| 401082.22  | 3811254.50         | 6.43708 | (18120408) | 401104.92 |
| 3811292.55 | 5.88601 (18120408) |         |            |           |
| 401127.63  | 3811330.60         | 5.32676 | (18120408) | 401150.33 |
| 3811368.65 | 5.10983 (17121008) |         |            |           |
| 401173.03  | 3811406.70         | 5.79888 | (17121008) | 401195.73 |
| 3811444.75 | 6.38922 (17121008) |         |            |           |
| 401218.43  | 3811482.81         | 6.84368 | (17121008) | 401241.13 |
| 3811520.86 | 7.13549 (17121008) |         |            |           |
| 401263.84  | 3811558.91         | 7.25062 | (17121008) | 401286.54 |
| 3811596.96 | 7.18734 (17121008) |         |            |           |
| 401309.24  | 3811635.01         | 7.37961 | (19120108) | 401331.94 |
| 3811673.06 | 7.85740 (19120108) |         |            |           |
| 401354.64  | 3811711.12         | 8.04490 | (19120108) | 401377.34 |
| 3811749.17 | 7.91972 (19120108) |         |            |           |
| 401400.04  | 3811787.22         | 7.49556 | (19120108) | 401422.75 |
| 3811825.27 | 6.81948 (19120108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 996

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401445.45  | 3811863.32          | 5.96370  | (19120108) | 401468.15 |
| 3811901.37 | 5.41441 (19120708)  |          |            |           |
| 401490.85  | 3811939.42          | 5.61253  | (19120708) | 401513.55 |
| 3811977.48 | 5.59187 (19120708)  |          |            |           |
| 401536.25  | 3812015.53          | 5.37658  | (16021708) | 401558.96 |
| 3812053.58 | 5.60425 (16021708)  |          |            |           |
| 401581.66  | 3812091.63          | 5.84578  | (17101508) | 401604.36 |
| 3812129.68 | 6.37836 (17101508)  |          |            |           |
| 401627.06  | 3812167.73          | 6.68780  | (17101508) | 401649.76 |
| 3812205.79 | 6.73836 (17101508)  |          |            |           |
| 401672.46  | 3812243.84          | 6.52393  | (17101508) | 401695.16 |
| 3812281.89 | 6.49451m (17102708) |          |            |           |
| 401717.87  | 3812319.94          | 6.58012m | (17102708) | 401740.57 |
| 3812357.99 | 6.40643m (17102708) |          |            |           |
| 401763.27  | 3812396.04          | 5.99382m | (17102708) | 401785.97 |
| 3812434.10 | 5.38889m (17102708) |          |            |           |
| 401808.67  | 3812472.15          | 4.75376  | (17092508) | 401831.37 |
| 3812510.20 | 5.03165 (17092508)  |          |            |           |
| 401854.08  | 3812548.25          | 5.13711  | (17092508) | 401876.78 |
| 3812586.30 | 5.10871 (18111208)  |          |            |           |
| 401899.48  | 3812624.35          | 5.52710  | (18111208) | 401922.18 |
| 3812662.41 | 5.79320 (18111208)  |          |            |           |
| 401944.88  | 3812700.46          | 5.88486  | (18111208) | 401967.58 |
| 3812738.51 | 5.80106 (18111208)  |          |            |           |
| 401990.28  | 3812776.56          | 5.60668  | (19020108) | 402012.99 |
| 3812814.61 | 5.68044 (17091008)  |          |            |           |
| 402035.69  | 3812852.66          | 6.15769  | (17091008) | 402058.39 |
| 3812890.72 | 6.41611 (17091008)  |          |            |           |
| 402081.09  | 3812928.77          | 6.42656  | (17091008) | 402103.79 |
| 3812966.82 | 6.18851 (17091008)  |          |            |           |
| 402126.49  | 3813004.87          | 6.03549  | (17120924) | 402149.20 |
| 3813042.92 | 6.06068 (17120924)  |          |            |           |
| 402171.90  | 3813080.97          | 5.94266  | (17120924) | 402194.60 |
| 3813119.02 | 5.68823 (17120924)  |          |            |           |
| 402217.30  | 3813157.08          | 5.58008  | (17101308) | 402240.00 |
| 3813195.13 | 5.44710 (17101308)  |          |            |           |
| 402262.70  | 3813233.18          | 5.11515  | (17101308) | 402285.40 |
| 3813271.23 | 4.68450 (20010308)  |          |            |           |
| 402308.11  | 3813309.28          | 5.20746  | (20010308) | 402330.81 |
| 3813347.33 | 5.58625 (20010308)  |          |            |           |
| 402353.51  | 3813385.39          | 5.78463  | (20010308) | 402376.21 |
| 3813423.44 | 5.78477 (20010308)  |          |            |           |
| 402398.91  | 3813461.49          | 5.59037  | (20010308) | 402421.61 |
| 3813499.54 | 5.50290 (17121508)  |          |            |           |
| 402444.32  | 3813537.59          | 5.41079  | (17121508) | 402467.02 |
| 3813575.64 | 5.20901 (20122108)  |          |            |           |
| 402489.72  | 3813613.70          | 5.45516  | (20122108) | 402512.42 |
| 3813651.75 | 5.50242 (20122108)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 402535.12  | 3813689.80         | 5.34675 | (20122108) | 402557.82 |
| 3813727.85 | 5.00616 (20122108) |         |            |           |
| 402580.53  | 3813765.90         | 4.60978 | (18021608) | 402603.23 |
| 3813803.95 | 4.52431 (18021608) |         |            |           |
| 402625.93  | 3813842.01         | 4.71603 | (18120408) | 402648.63 |
| 3813880.06 | 4.85165 (18120408) |         |            |           |
| 402671.33  | 3813918.11         | 4.81255 | (18120408) | 402694.03 |
| 3813956.16 | 5.00325 (19103108) |         |            |           |
| 402716.73  | 3813994.21         | 5.20307 | (19103108) | 402739.44 |
| 3814032.26 | 5.21971 (19103108) |         |            |           |
| 402762.14  | 3814070.32         | 5.05333 | (18041808) | 402784.84 |
| 3814108.37 | 5.31568 (18041808) |         |            |           |
| 402807.54  | 3814146.42         | 5.39679 | (18041808) | 402830.24 |
| 3814184.47 | 5.69414 (16101124) |         |            |           |
| 402852.94  | 3814222.52         | 6.15522 | (16021524) | 402875.65 |
| 3814260.57 | 6.58821 (16021524) |         |            |           |
| 402898.35  | 3814298.62         | 6.86789 | (16021524) | 402921.05 |
| 3814336.68 | 6.98288 (16021524) |         |            |           |
| 402943.75  | 3814374.73         | 6.93421 | (16021524) | 402966.45 |
| 3814412.78 | 6.73383 (16021524) |         |            |           |
| 402989.15  | 3814450.83         | 6.40162 | (16021524) | 403011.85 |
| 3814488.88 | 5.96239 (16021524) |         |            |           |
| 403034.56  | 3814526.93         | 5.57417 | (19112408) | 403057.26 |
| 3814564.99 | 5.42445 (19112408) |         |            |           |
| 403079.96  | 3814603.04         | 5.12805 | (19112408) | 403102.66 |
| 3814641.09 | 5.22645 (16122724) |         |            |           |
| 403125.36  | 3814679.14         | 5.24757 | (16122724) | 403148.06 |
| 3814717.19 | 5.10059 (16122724) |         |            |           |
| 403170.77  | 3814755.24         | 5.13109 | (17121908) | 403193.47 |
| 3814793.30 | 5.52538 (17121908) |         |            |           |
| 403216.17  | 3814831.35         | 5.80116 | (17121908) | 403238.87 |
| 3814869.40 | 5.94955 (17121908) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 997

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| 403261.57   | 3814907.45         | 5.97456    | (17121908) | 403284.27   |
| 3814945.50  | 5.89233 (17121908) |            |            |             |
| 403306.97   | 3814983.55         | 5.72827    | (17121908) | 403329.68   |
| 3815021.61  | 5.51271 (17121908) |            |            |             |
| 403352.38   | 3815059.66         | 5.27615    | (17121908) | 403375.08   |
| 3815097.71  | 5.04409 (17121908) |            |            |             |
| 403397.78   | 3815135.76         | 4.83370    | (17121908) | 403420.48   |
| 3815173.81  | 4.65189 (17121908) |            |            |             |
| 403443.18   | 3815211.86         | 4.68420    | (17062608) | 403465.89   |
| 3815249.92  | 4.60152 (17062608) |            |            |             |
| 403488.59   | 3815287.97         | 4.39451    | (17062608) | 403511.29   |
| 3815326.02  | 4.33552 (18111908) |            |            |             |
| 403533.99   | 3815364.07         | 5.07119    | (18111908) | 403556.69   |
| 3815402.12  | 5.77766 (18111908) |            |            |             |
| 403579.39   | 3815440.17         | 6.41382    | (18111908) | 403602.09   |
| 3815478.22  | 6.93973 (18111908) |            |            |             |
| 403624.80   | 3815516.28         | 7.32093    | (18111908) | 403647.50   |
| 3815554.33  | 7.53181 (18111908) |            |            |             |
| 403670.20   | 3815592.38         | 7.55903    | (18111908) | 403692.90   |
| 3815630.43  | 7.40246 (18111908) |            |            |             |
| 403711.24   | 3815690.20         | 6.85409    | (18111908) | 403702.51   |
| 3815733.64  | 6.29880 (18111908) |            |            |             |
| 403693.78   | 3815777.09         | 5.62686    | (18111908) | 403685.06   |
| 3815820.53  | 5.66856 (16122808) |            |            |             |
| 403676.33   | 3815863.97         | 5.99024    | (17112908) | 403667.60   |
| 3815907.41  | 6.66620 (17112908) |            |            |             |
| 403658.87   | 3815950.85         | 7.21278    | (17112908) | 403650.15   |
| 3815994.29  | 7.58639 (17112908) |            |            |             |
| 403641.42   | 3816037.73         | 7.75508    | (17112908) | 403632.69   |
| 3816081.17  | 7.70294 (17112908) |            |            |             |
| 403623.96   | 3816124.61         | 7.43256    | (17112908) | 403615.24   |
| 3816168.05  | 6.96492 (17112908) |            |            |             |
| 403606.51   | 3816211.49         | 6.33679    | (17112908) | 403597.78   |
| 3816254.94  | 6.29262 (19100208) |            |            |             |
| 403589.05   | 3816298.38         | 7.00856    | (19100208) | 403580.33   |
| 3816341.82  | 7.55558 (19100208) |            |            |             |
| 403571.60   | 3816385.26         | 7.88268    | (19100208) | 403562.87   |
| 3816428.70  | 7.95736 (19100208) |            |            |             |
| 403554.14   | 3816472.14         | 7.77098    | (19100208) | 403545.42   |
| 3816515.58  | 8.16599 (18102008) |            |            |             |
| 403536.69   | 3816559.02         | 8.37568    | (18102008) | 403527.96   |
| 3816602.46  | 8.30801 (18102008) |            |            |             |
| 403519.23   | 3816645.90         | 7.98965    | (18121408) | 403510.51   |
| 3816689.35  | 7.86320 (18121408) |            |            |             |
| 403501.78   | 3816732.79         | 7.50636    | (18121408) | 403493.05   |
| 3816776.23  | 7.50762 (20102908) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403484.32  | 3816819.67          | 7.93839  | (20102908) | 403475.60 |
| 3816863.11 | 8.11302 (20102908)  |          |            |           |
| 403466.87  | 3816906.55          | 8.01287  | (20102908) | 403458.14 |
| 3816949.99 | 7.64691 (20102908)  |          |            |           |
| 403449.41  | 3816993.43          | 7.05039  | (20102908) | 403440.69 |
| 3817036.87 | 6.27929 (20102908)  |          |            |           |
| 403431.96  | 3817080.31          | 5.40153  | (20102908) | 403423.23 |
| 3817123.75 | 5.68127 (19120124)  |          |            |           |
| 403414.50  | 3817167.20          | 6.03442  | (19120124) | 403405.78 |
| 3817210.64 | 6.21079 (19120124)  |          |            |           |
| 403397.05  | 3817254.08          | 6.19415  | (19120124) | 403388.32 |
| 3817297.52 | 5.98580 (19120124)  |          |            |           |
| 403379.59  | 3817340.96          | 5.60457  | (19120124) | 403370.87 |
| 3817384.40 | 5.08401 (19120124)  |          |            |           |
| 403362.14  | 3817427.84          | 5.26841  | (19113024) | 403353.41 |
| 3817471.28 | 5.45980 (19113024)  |          |            |           |
| 403344.68  | 3817514.72          | 5.55944  | (19113024) | 403335.96 |
| 3817558.16 | 5.57856 (19113024)  |          |            |           |
| 403327.23  | 3817601.61          | 5.53574  | (19113024) | 403318.50 |
| 3817645.05 | 6.04572c (16011208) |          |            |           |
| 403309.77  | 3817688.49          | 6.47502c | (16011208) | 403301.05 |
| 3817731.93 | 6.69321c (16011208) |          |            |           |
| 403292.32  | 3817775.37          | 6.67749c | (16011208) | 403283.59 |
| 3817818.81 | 6.66233 (17091008)  |          |            |           |
| 403274.86  | 3817862.25          | 6.60130  | (17091008) | 403266.14 |
| 3817905.69 | 6.33435 (17091008)  |          |            |           |
| 403257.41  | 3817949.13          | 5.88583  | (17091008) | 403248.68 |
| 3817992.57 | 5.29543 (17091008)  |          |            |           |
| 403239.96  | 3818036.01          | 5.11056  | (20112024) | 403231.23 |
| 3818079.46 | 4.99692 (20112024)  |          |            |           |
| 403222.50  | 3818122.90          | 4.99390  | (19112208) | 403213.77 |
| 3818166.34 | 5.18064 (19112208)  |          |            |           |
| 403205.05  | 3818209.78          | 5.19286  | (19112208) | 403196.32 |
| 3818253.22 | 5.32754 (18031208)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 998

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------------------------------|--------------------|-------------|
| 403187.59                  | 3818296.66                        | 5.87630 (18031208) | 403178.86   |
| 3818340.10                 | 6.28104 (18031208)                |                    |             |
| 403170.14                  | 3818383.54                        | 6.50569 (18031208) | 403161.41   |
| 3818426.98                 | 6.52966 (18031208)                |                    |             |
| 403152.68                  | 3818470.42                        | 6.35083 (18031208) | 403143.95   |
| 3818513.87                 | 5.98589 (18031208)                |                    |             |
| 403135.23                  | 3818557.31                        | 5.46807 (18031208) | 403126.50   |
| 3818600.75                 | 4.84176 (18031208)                |                    |             |
| 403117.77                  | 3818644.19                        | 4.92512 (18112608) | 403109.04   |
| 3818687.63                 | 5.39482 (18112608)                |                    |             |
| 403100.32                  | 3818731.07                        | 5.71818 (18112608) | 403091.59   |
| 3818774.51                 | 5.86813 (18112608)                |                    |             |
| 403082.86                  | 3818817.95                        | 5.83465 (18112608) | 403074.13   |
| 3818861.39                 | 5.62621 (18112608)                |                    |             |
| 403065.41                  | 3818904.83                        | 5.26804 (18112608) | 403056.68   |
| 3818948.27                 | 5.26070 (20022008)                |                    |             |
| 403047.95                  | 3818991.72                        | 5.91392 (20022008) | 403039.22   |
| 3819035.16                 | 6.44043 (20022008)                |                    |             |
| 403030.50                  | 3819078.60                        | 7.14176 (19010408) | 403021.77   |
| 3819122.04                 | 8.02934 (19010408)                |                    |             |
| 403013.04                  | 3819165.48                        | 8.77418 (19010408) | 403004.31   |
| 3819208.92                 | 9.33084 (19010408)                |                    |             |
| 402995.59                  | 3819252.36                        | 9.66912 (19010408) | 402986.86   |
| 3819295.80                 | 9.77649 (19010408)                |                    |             |
| 402978.13                  | 3819339.24                        | 9.65742 (19010408) | 402969.40   |
| 3819382.68                 | 9.33086 (19010408)                |                    |             |
| 402960.68                  | 3819426.13                        | 8.82612 (19010408) | 402951.95   |
| 3819469.57                 | 8.17902 (19010408)                |                    |             |
| 402943.22                  | 3819513.01                        | 7.42750 (19010408) | 402934.49   |
| 3819556.45                 | 6.91157 (16020608)                |                    |             |
| 402925.77                  | 3819599.89                        | 7.58413 (17030724) | 402917.04   |
| 3819643.33                 | 8.17674 (17030724)                |                    |             |
| 402908.31                  | 3819686.77                        | 8.54774 (17030724) | 402899.58   |
| 3819730.21                 | 8.79407 (17030724)                |                    |             |
| 402890.86                  | 3819773.65                        | 9.02949 (17030724) | 402882.13   |
| 3819817.09                 | 8.67558 (17030724)                |                    |             |
| 402873.40                  | 3819860.54                        | 7.97907 (17030724) | 402864.67   |
| 3819903.98                 | 7.83706 (20101608)                |                    |             |
| 402855.95                  | 3819947.42                        | 8.08484 (20101608) | 402847.22   |
| 3819990.86                 | 8.02988 (20101608)                |                    |             |
| 402838.49                  | 3820034.30                        | 7.64808 (20101608) | 402829.76   |
| 3820077.74                 | 7.08664 (20101608)                |                    |             |
| 402821.04                  | 3820121.18                        | 6.40202 (20101608) | 402812.31   |
| 3820164.62                 | 6.31828 (19122108)                |                    |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 402803.58  | 3820208.06 | 6.36000    | (19122108) | 402794.85 |
| 3820251.50 | 6.32466    | (19122108) |            |           |
| 402786.13  | 3820294.94 | 6.62113    | (16010308) | 402777.40 |
| 3820338.39 | 6.89596    | (16010308) |            |           |
| 402768.67  | 3820381.83 | 7.06549    | (16010308) | 402759.94 |
| 3820425.27 | 7.15383    | (16010308) |            |           |
| 402751.22  | 3820468.71 | 7.13802    | (16010308) | 402742.49 |
| 3820512.15 | 6.91353    | (16010308) |            |           |
| 402733.76  | 3820555.59 | 6.63418    | (16010308) | 402725.03 |
| 3820599.03 | 6.42302    | (16010308) |            |           |
| 402716.31  | 3820642.47 | 6.13125    | (16010308) | 402707.58 |
| 3820685.91 | 5.84179    | (16010308) |            |           |
| 402698.85  | 3820729.35 | 5.76746    | (20011808) | 402690.12 |
| 3820772.80 | 5.86201    | (20011808) |            |           |
| 402681.40  | 3820816.24 | 5.77946    | (20011808) | 402672.67 |
| 3820859.68 | 5.52882    | (20011808) |            |           |
| 402663.94  | 3820903.12 | 5.15111    | (20011808) | 402655.21 |
| 3820946.56 | 4.63293    | (20011808) |            |           |
| 402646.49  | 3820990.00 | 4.07206    | (20011808) | 402637.76 |
| 3821033.44 | 3.62542    | (16010308) |            |           |
| 402629.03  | 3821076.88 | 3.32655    | (16010308) | 402620.30 |
| 3821120.32 | 3.15680    | (16021508) |            |           |
| 402611.58  | 3821163.76 | 3.17344    | (16021508) | 400803.70 |
| 3810803.22 | 7.67339    | (19010808) |            |           |
| 400768.80  | 3810775.87 | 7.61653    | (19010808) | 400733.90 |
| 3810748.51 | 7.30795    | (19010808) |            |           |
| 400699.00  | 3810721.16 | 6.77708    | (19010808) | 401655.01 |
| 3809786.49 | 5.58571    | (19010808) |            |           |
| 401677.66  | 3809824.45 | 5.98598    | (19010808) | 401700.30 |
| 3809862.42 | 6.25789    | (19010808) |            |           |
| 401722.95  | 3809900.38 | 6.38114    | (19010808) | 401745.60 |
| 3809938.35 | 6.34592    | (19010808) |            |           |
| 401768.25  | 3809976.31 | 6.15404    | (19010808) | 401790.90 |
| 3810014.27 | 5.81886    | (19010808) |            |           |
| 401813.55  | 3810052.24 | 5.67343    | (18120408) | 401836.20 |
| 3810090.20 | 5.95232    | (18120408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 999

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|----------|------------|-------------|
| 3810166.13  | 401858.85   | 3810128.17          | (18120408) | 6.17608  | (18120408) | 401881.50   |
| 3810242.06  | 401904.15   | 3810204.10          | (18120408) | 6.43695  | (18120408) | 401926.80   |
| 3810317.99  | 401949.45   | 3810280.02          | (18120408) | 6.41933  | (18120408) | 401972.10   |
| 3810393.92  | 401994.75   | 3810355.95          | (18120408) | 6.08943  | (18120408) | 402017.40   |
| 3810469.84  | 402040.04   | 3810431.88          | (18120408) | 5.46582  | (18120408) | 402062.69   |
| 3810545.77  | 402085.34   | 3810507.81          | (18120408) | 4.66369  | (18120408) | 402107.99   |
| 3810621.70  | 402130.64   | 3810583.74          | (17121008) | 4.26373  | (17121008) | 402153.29   |
| 3810697.63  | 402175.94   | 3810659.66          | (17121008) | 5.20597  | (17121008) | 402198.59   |
| 3810773.56  | 402221.24   | 3810735.59          | (17121008) | 5.82508  | (17121008) | 402243.89   |
| 3810849.48  | 402266.54   | 3810811.52          | (17121008) | 6.01627  | (17121008) | 402289.19   |
| 3810925.41  | 402311.84   | 3810887.45          | (19120108) | 6.12838  | (19120108) | 402334.49   |
| 3811001.34  | 402357.14   | 3810963.38          | (19120108) | 6.69183  | (19120108) | 402379.78   |
| 3811077.27  | 402402.43   | 3811039.30          | (19120108) | 6.47666  | (19120108) | 402425.08   |
| 3811153.20  | 402447.73   | 3811115.23          | (19120108) | 5.55286  | (19120108) | 402470.38   |
| 3811229.12  | 402493.03   | 3811191.16          | (18111208) | 4.52704  | (18111208) | 402515.68   |
| 3811305.05  | 402538.33   | 3811267.09          | (19120708) | 4.70236  | (19120708) | 402560.98   |
| 3811380.98  | 402583.63   | 3811343.02          | (16021708) | 4.57184  | (16021708) | 402606.28   |
| 3811456.91  | 402628.93   | 3811418.95          | (17101508) | 4.88275  | (17101508) | 402651.58   |
| 3811532.84  | 402674.23   | 3811494.87          | (17101508) | 5.53474  | (17101508) | 402696.87   |
| 3811608.77  | 402719.52   | 3811570.80          | (17101508) | 5.55046  | (17101508) | 402742.17   |
| 3811684.69  | 402764.82   | 3811646.73          | (17102708) | 5.45966m | (17102708) | 402787.47   |
|             |             | 5.49059m            | (17102708) |          |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 402810.12  | 3811722.66          | 5.35509m (17102708) | 402832.77 |
| 3811760.62 | 5.06545m (17102708) |                     |           |
| 402855.42  | 3811798.59          | 4.64699m (17102708) | 402878.07 |
| 3811836.55 | 4.13482m (17102708) |                     |           |
| 402900.72  | 3811874.51          | 4.08107 (17092508)  | 402923.37 |
| 3811912.48 | 4.24712 (17092508)  |                     |           |
| 402946.02  | 3811950.44          | 4.29825 (17092508)  | 402968.67 |
| 3811988.41 | 4.24644 (18011408)  |                     |           |
| 402991.32  | 3812026.37          | 4.53051 (18111208)  | 403013.97 |
| 3812064.33 | 4.74998 (18111208)  |                     |           |
| 403036.61  | 3812102.30          | 4.86027 (18111208)  | 403059.26 |
| 3812140.26 | 4.85712 (18111208)  |                     |           |
| 403081.91  | 3812178.23          | 4.74562 (18111208)  | 403104.56 |
| 3812216.19 | 4.69600 (19020108)  |                     |           |
| 403127.21  | 3812254.15          | 4.73833 (17091008)  | 403149.86 |
| 3812292.12 | 5.09561 (17091008)  |                     |           |
| 403172.51  | 3812330.08          | 5.31553 (17091008)  | 403195.16 |
| 3812368.05 | 5.37916 (17091008)  |                     |           |
| 403217.81  | 3812406.01          | 5.28111 (17091008)  | 403240.46 |
| 3812443.98 | 5.03042 (17091008)  |                     |           |
| 403263.11  | 3812481.94          | 5.01698 (17120924)  | 403285.76 |
| 3812519.90 | 5.01902 (17120924)  |                     |           |
| 403308.41  | 3812557.87          | 4.93178 (17120924)  | 403331.06 |
| 3812595.83 | 4.75894 (17120924)  |                     |           |
| 403353.71  | 3812633.80          | 4.66182 (17101308)  | 403376.35 |
| 3812671.76 | 4.62532 (17101308)  |                     |           |
| 403399.00  | 3812709.72          | 4.45420 (17101308)  | 403421.65 |
| 3812747.69 | 4.16363 (17101308)  |                     |           |
| 403444.30  | 3812785.65          | 3.93624 (20010308)  | 403466.95 |
| 3812823.62 | 4.31741 (20010308)  |                     |           |
| 403489.60  | 3812861.58          | 4.60730 (20010308)  | 403512.25 |
| 3812899.54 | 4.78456 (20010308)  |                     |           |
| 403534.90  | 3812937.51          | 4.83652 (20010308)  | 403557.55 |
| 3812975.47 | 4.76086 (20010308)  |                     |           |
| 403580.20  | 3813013.44          | 4.56585 (20010308)  | 403602.85 |
| 3813051.40 | 4.57226 (17121508)  |                     |           |
| 403625.50  | 3813089.36          | 4.49255 (17121508)  | 403648.15 |
| 3813127.33 | 4.31395 (20122108)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1000

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 403670.80   | 3813165.29  | 4.52145        | (20122108) | 403693.45          |  |
| 3813203.26  | 4.60404     | (20122108)     |            |                    |  |
| 403716.09   | 3813241.22  | 4.55527        | (20122108) | 403738.74          |  |
| 3813279.18  | 4.37990     | (20122108)     |            |                    |  |
| 403761.39   | 3813317.15  | 4.09298        | (20122108) | 403784.04          |  |
| 3813355.11  | 3.84867     | (18021608)     |            |                    |  |
| 403806.69   | 3813393.08  | 3.78471        | (18021608) | 403829.34          |  |
| 3813431.04  | 3.89393     | (18120408)     |            |                    |  |
| 403851.99   | 3813469.00  | 4.02899        | (18120408) | 403874.64          |  |
| 3813506.97  | 4.05335     | (18120408)     |            |                    |  |
| 403897.29   | 3813544.93  | 3.99721        | (19103108) | 403919.94          |  |
| 3813582.90  | 4.23114     | (19103108)     |            |                    |  |
| 403942.59   | 3813620.86  | 4.35596        | (19103108) | 403965.24          |  |
| 3813658.83  | 4.36230     | (19103108)     |            |                    |  |
| 403987.89   | 3813696.79  | 4.25033        | (19103108) | 404010.54          |  |
| 3813734.75  | 4.38863     | (18041808)     |            |                    |  |
| 404033.18   | 3813772.72  | 4.50008        | (18041808) | 404055.83          |  |
| 3813810.68  | 4.49076     | (18041808)     |            |                    |  |
| 404078.48   | 3813848.65  | 4.84107        | (16101124) | 404101.13          |  |
| 3813886.61  | 5.17414     | (16021524)     |            |                    |  |
| 404123.78   | 3813924.57  | 5.48035        | (16021524) | 404146.43          |  |
| 3813962.54  | 5.68870     | (16021524)     |            |                    |  |
| 404169.08   | 3814000.50  | 5.79268        | (16021524) | 404191.73          |  |
| 3814038.47  | 5.79214     | (16021524)     |            |                    |  |
| 404214.38   | 3814076.43  | 5.69234        | (16021524) | 404237.03          |  |
| 3814114.39  | 5.50288     | (16021524)     |            |                    |  |
| 404259.68   | 3814152.36  | 5.23628        | (16021524) | 404282.33          |  |
| 3814190.32  | 4.90692     | (16021524)     |            |                    |  |
| 404304.98   | 3814228.29  | 4.63713        | (19112408) | 404327.63          |  |
| 3814266.25  | 4.54563     | (19112408)     |            |                    |  |
| 404350.28   | 3814304.21  | 4.35776        | (19112408) | 404372.92          |  |
| 3814342.18  | 4.30405     | (16122724)     |            |                    |  |
| 404395.57   | 3814380.14  | 4.39054        | (16122724) | 404418.22          |  |
| 3814418.11  | 4.36785     | (16122724)     |            |                    |  |
| 404440.87   | 3814456.07  | 4.23852        | (16122724) | 404463.52          |  |
| 3814494.03  | 4.26121     | (16120408)     |            |                    |  |
| 404486.17   | 3814532.00  | 4.52977        | (17121908) | 404508.82          |  |
| 3814569.96  | 4.75144     | (17121908)     |            |                    |  |
| 404531.47   | 3814607.93  | 4.89202        | (17121908) | 404554.12          |  |
| 3814645.89  | 4.95085     | (17121908)     |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 404576.77  | 3814683.85         | 4.93373 | (17121908) | 404599.42 |
| 3814721.82 | 4.85200 (17121908) |         |            |           |
| 404622.07  | 3814759.78         | 4.72117 | (17121908) | 404644.72 |
| 3814797.75 | 4.55878 (17121908) |         |            |           |
| 404667.37  | 3814835.71         | 4.38247 | (17121908) | 404690.02 |
| 3814873.68 | 4.20758 (17121908) |         |            |           |
| 404712.66  | 3814911.64         | 4.08052 | (17020908) | 404735.31 |
| 3814949.60 | 3.91361 (17020908) |         |            |           |
| 404757.96  | 3814987.57         | 3.87959 | (17062608) | 404780.61 |
| 3815025.53 | 3.90587 (17062608) |         |            |           |
| 404803.26  | 3815063.50         | 3.84750 | (17062608) | 404825.91 |
| 3815101.46 | 3.70853 (17062608) |         |            |           |
| 404848.56  | 3815139.42         | 3.49815 | (17062608) | 404871.21 |
| 3815177.39 | 3.86250 (18111908) |         |            |           |
| 404893.86  | 3815215.35         | 4.39512 | (18111908) | 404916.51 |
| 3815253.32 | 4.90200 (18111908) |         |            |           |
| 404939.16  | 3815291.28         | 5.35982 | (18111908) | 404961.81 |
| 3815329.24 | 5.74656 (18111908) |         |            |           |
| 404984.46  | 3815367.21         | 6.04278 | (18111908) | 405007.11 |
| 3815405.17 | 6.23317 (18111908) |         |            |           |
| 405025.40  | 3815464.81         | 6.31273 | (18111908) | 405016.69 |
| 3815508.15 | 6.22161 (18111908) |         |            |           |
| 405007.99  | 3815551.49         | 6.00182 | (18111908) | 404999.28 |
| 3815594.83 | 5.66596 (18111908) |         |            |           |
| 404990.57  | 3815638.17         | 5.23338 | (18111908) | 404981.86 |
| 3815681.51 | 4.72843 (18111908) |         |            |           |
| 404973.16  | 3815724.85         | 4.74520 | (16122808) | 404964.45 |
| 3815768.19 | 4.82436 (17112908) |         |            |           |
| 404955.74  | 3815811.53         | 5.35659 | (17112908) | 404947.03 |
| 3815854.88 | 5.81931 (17112908) |         |            |           |
| 404938.33  | 3815898.22         | 6.18473 | (17112908) | 404929.62 |
| 3815941.56 | 6.42967 (17112908) |         |            |           |
| 404920.91  | 3815984.90         | 6.53751 | (17112908) | 404912.21 |
| 3816028.24 | 6.50014 (17112908) |         |            |           |
| 404903.50  | 3816071.58         | 6.31898 | (17112908) | 404894.79 |
| 3816114.92 | 6.00489 (17112908) |         |            |           |
| 404886.08  | 3816158.26         | 5.57717 | (17112908) | 404877.38 |
| 3816201.60 | 5.06157 (17112908) |         |            |           |
| 404868.67  | 3816244.95         | 5.45755 | (19100208) | 404859.96 |
| 3816288.29 | 5.97379 (19100208) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1001

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|-------------|----------------|------------|--------------------|-------------|
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |             |
| 404851.25   | 3816331.63  | 6.37448        | (19100208) |                    | 404842.55   |
| 3816374.97  | 6.63025     | (19100208)     |            |                    |             |
| 404833.84   | 3816418.31  | 6.72131        | (19100208) |                    | 404825.13   |
| 3816461.65  | 6.63994     | (19100208)     |            |                    |             |
| 404816.42   | 3816504.99  | 6.71153        | (18102008) |                    | 404807.72   |
| 3816548.33  | 6.98252     | (18102008)     |            |                    |             |
| 404799.01   | 3816591.67  | 7.07776        | (18102008) |                    | 404790.30   |
| 3816635.01  | 6.98912     | (18102008)     |            |                    |             |
| 404781.59   | 3816678.36  | 6.73307        | (18121408) |                    | 404772.89   |
| 3816721.70  | 6.65257     | (18121408)     |            |                    |             |
| 404764.18   | 3816765.04  | 6.41911        | (18121408) |                    | 404755.47   |
| 3816808.38  | 6.11435     | (20102908)     |            |                    |             |
| 404746.76   | 3816851.72  | 6.52070        | (20102908) |                    | 404738.06   |
| 3816895.06  | 6.77221     | (20102908)     |            |                    |             |
| 404729.35   | 3816938.40  | 6.84881        | (20102908) |                    | 404720.64   |
| 3816981.74  | 6.74379     | (20102908)     |            |                    |             |
| 404711.94   | 3817025.08  | 6.46479        | (20102908) |                    | 404703.23   |
| 3817068.42  | 6.03287     | (20102908)     |            |                    |             |
| 404694.52   | 3817111.77  | 5.47975        | (20102908) |                    | 404685.81   |
| 3817155.11  | 4.84444     | (20102908)     |            |                    |             |
| 404677.11   | 3817198.45  | 4.53925        | (19120124) |                    | 404668.40   |
| 3817241.79  | 4.87689     | (19120124)     |            |                    |             |
| 404659.69   | 3817285.13  | 5.11287        | (19120124) |                    | 404650.98   |
| 3817328.47  | 5.23059     | (19120124)     |            |                    |             |
| 404642.28   | 3817371.81  | 5.22151        | (19120124) |                    | 404633.57   |
| 3817415.15  | 5.08618     | (19120124)     |            |                    |             |
| 404624.86   | 3817458.49  | 4.83416        | (19120124) |                    | 404616.15   |
| 3817501.83  | 4.48292     | (19120124)     |            |                    |             |
| 404607.45   | 3817545.18  | 4.27581        | (20120208) |                    | 404598.74   |
| 3817588.52  | 4.44888     | (19113024)     |            |                    |             |
| 404590.03   | 3817631.86  | 4.57255        | (19113024) |                    | 404581.32   |
| 3817675.20  | 4.63607     | (19113024)     |            |                    |             |
| 404572.62   | 3817718.54  | 4.64737        | (19113024) |                    | 404563.91   |
| 3817761.88  | 4.61732     | (19113024)     |            |                    |             |
| 404555.20   | 3817805.22  | 4.90494c       | (16011208) |                    | 404546.49   |
| 3817848.56  | 5.29121c    | (16011208)     |            |                    |             |
| 404537.79   | 3817891.90  | 5.55219c       | (16011208) |                    | 404529.08   |
| 3817935.24  | 5.66700c    | (16011208)     |            |                    |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 404520.37  | 3817978.59 | 5.62606c   | (16011208) | 404511.66 |
| 3818021.93 | 5.60890    | (17091008) |            |           |
| 404502.96  | 3818065.27 | 5.57866    | (17091008) | 404494.25 |
| 3818108.61 | 5.41190    | (17091008) |            |           |
| 404485.54  | 3818151.95 | 5.12050    | (17091008) | 404476.84 |
| 3818195.29 | 4.72486    | (17091008) |            |           |
| 404468.13  | 3818238.63 | 4.28748    | (20112024) | 404459.42 |
| 3818281.97 | 4.29653    | (20112024) |            |           |
| 404450.71  | 3818325.31 | 4.19667    | (20112024) | 404442.01 |
| 3818368.65 | 4.19532    | (19112208) |            |           |
| 404433.30  | 3818412.00 | 4.32070    | (19112208) | 404424.59 |
| 3818455.34 | 4.38170    | (19112208) |            |           |
| 404415.88  | 3818498.68 | 4.32348    | (19112208) | 404407.18 |
| 3818542.02 | 4.67211    | (18031208) |            |           |
| 404398.47  | 3818585.36 | 5.05014    | (18031208) | 404389.76 |
| 3818628.70 | 5.32699    | (18031208) |            |           |
| 404381.05  | 3818672.04 | 5.48326    | (18031208) | 404372.35 |
| 3818715.38 | 5.50776    | (18031208) |            |           |
| 404363.64  | 3818758.72 | 5.39879    | (18031208) | 404354.93 |
| 3818802.06 | 5.16434    | (18031208) |            |           |
| 404346.22  | 3818845.41 | 4.82109    | (18031208) | 404337.52 |
| 3818888.75 | 4.39278    | (18031208) |            |           |
| 404328.81  | 3818932.09 | 4.01850    | (19120208) | 404320.10 |
| 3818975.43 | 4.18001    | (18112608) |            |           |
| 404311.39  | 3819018.77 | 4.52797    | (18112608) | 404302.69 |
| 3819062.11 | 4.78038    | (18112608) |            |           |
| 404293.98  | 3819105.45 | 4.91450    | (18112608) | 404285.27 |
| 3819148.79 | 4.83256    | (18112608) |            |           |
| 404276.56  | 3819192.13 | 4.59546    | (18112608) | 404267.86 |
| 3819235.47 | 4.37145    | (20112108) |            |           |
| 404259.15  | 3819278.82 | 4.21649    | (20112108) | 404250.44 |
| 3819322.16 | 4.18772    | (20022008) |            |           |
| 404241.74  | 3819365.50 | 4.54706    | (20022008) | 404233.03 |
| 3819408.84 | 4.85563    | (20022008) |            |           |
| 404224.32  | 3819452.18 | 5.09378    | (19010408) | 404215.61 |
| 3819495.52 | 5.59213    | (19010408) |            |           |
| 404206.91  | 3819538.86 | 5.98899    | (19010408) | 404198.20 |
| 3819582.20 | 6.44791    | (19010408) |            |           |
| 404189.49  | 3819625.54 | 6.84337    | (19010408) | 404180.78 |
| 3819668.89 | 7.03220    | (19010408) |            |           |
| 404172.08  | 3819712.23 | 6.81849    | (19010408) | 404163.37 |
| 3819755.57 | 6.15334    | (19010408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 404154.66   | 3819798.91  | 5.83103    | (19010408) | 404145.95   |
| 3819842.25  | 5.46712     | (19010408) |            |             |
| 404137.25   | 3819885.59  | 5.07280    | (19010408) | 404128.54   |
| 3819928.93  | 4.62020     | (19010408) |            |             |
| 404119.83   | 3819972.27  | 4.11485    | (19010408) | 404111.12   |
| 3820015.61  | 3.75511     | (16020608) |            |             |
| 404102.42   | 3820058.95  | 3.91842    | (17030724) | 404093.71   |
| 3820102.30  | 4.17071     | (17030724) |            |             |
| 404085.00   | 3820145.64  | 4.35632    | (17030724) | 404076.29   |
| 3820188.98  | 4.45199     | (17030724) |            |             |
| 404067.59   | 3820232.32  | 4.41522    | (17030724) | 404058.88   |
| 3820275.66  | 4.27476     | (17030724) |            |             |
| 404050.17   | 3820319.00  | 4.03437    | (17030724) | 404041.47   |
| 3820362.34  | 3.75626     | (17030724) |            |             |
| 404032.76   | 3820405.68  | 3.87828    | (20101608) | 404024.05   |
| 3820449.02  | 4.01945     | (20101608) |            |             |
| 404015.34   | 3820492.36  | 4.06022    | (20101608) | 404006.64   |
| 3820535.71  | 3.97541     | (20101608) |            |             |
| 403997.93   | 3820579.05  | 3.81511    | (20101608) | 403989.22   |
| 3820622.39  | 3.57387     | (20101608) |            |             |
| 403980.51   | 3820665.73  | 3.33840    | (19122108) | 403971.81   |
| 3820709.07  | 3.48283     | (19122108) |            |             |
| 403963.10   | 3820752.41  | 3.55750    | (19122108) | 403954.39   |
| 3820795.75  | 3.46709     | (19122108) |            |             |
| 403945.68   | 3820839.09  | 3.12751    | (16010308) | 403936.98   |
| 3820882.43  | 3.27642     | (16010308) |            |             |
| 403928.27   | 3820925.77  | 3.28212    | (16010308) | 403919.56   |
| 3820969.12  | 3.28631     | (16010308) |            |             |
| 403910.85   | 3821012.46  | 3.67608    | (16010308) | 403902.15   |
| 3821055.80  | 4.04406     | (16010308) |            |             |
| 403893.44   | 3821099.14  | 3.69156    | (16010308) | 403884.73   |
| 3821142.48  | 3.11357     | (16010308) |            |             |
| 403876.02   | 3821185.82  | 3.02907    | (16010308) | 403867.32   |
| 3821229.16  | 2.63441     | (16010308) |            |             |
| 403858.61   | 3821272.50  | 2.41469    | (16010308) | 403849.90   |
| 3821315.84  | 2.17622     | (16010308) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 403089.81   | 3809763.38          | 3.53811    | (18013108) | 403112.49   |
| 3809801.39  | 3.66052 (17121008)  |            |            |             |
| 403135.17   | 3809839.40          | 4.03922    | (17121008) | 403157.84   |
| 3809877.41  | 4.37672 (17121008)  |            |            |             |
| 403180.52   | 3809915.42          | 4.66019    | (17121008) | 403203.20   |
| 3809953.43  | 4.87937 (17121008)  |            |            |             |
| 403225.87   | 3809991.44          | 5.02723    | (17121008) | 403248.55   |
| 3810029.45  | 5.10015 (17121008)  |            |            |             |
| 403271.23   | 3810067.46          | 5.09761    | (17121008) | 403293.90   |
| 3810105.47  | 5.02194 (17121008)  |            |            |             |
| 403316.58   | 3810143.48          | 5.24035    | (19120108) | 403339.26   |
| 3810181.49  | 5.52781 (19120108)  |            |            |             |
| 403361.93   | 3810219.50          | 5.69227    | (19120108) | 403384.61   |
| 3810257.51  | 5.72190 (19120108)  |            |            |             |
| 403407.29   | 3810295.52          | 5.61427    | (19120108) | 403429.96   |
| 3810333.53  | 5.37684 (19120108)  |            |            |             |
| 403452.64   | 3810371.54          | 5.02590    | (19120108) | 403475.32   |
| 3810409.55  | 4.58496 (19120108)  |            |            |             |
| 403497.99   | 3810447.56          | 4.08205    | (19120108) | 403520.67   |
| 3810485.57  | 3.86585 (18111208)  |            |            |             |
| 403543.35   | 3810523.58          | 3.97218    | (19120708) | 403566.02   |
| 3810561.59  | 4.02084 (19120708)  |            |            |             |
| 403588.70   | 3810599.60          | 3.97200    | (19120708) | 403611.38   |
| 3810637.61  | 3.82905 (19120708)  |            |            |             |
| 403634.05   | 3810675.62          | 3.96364    | (16021708) | 403656.73   |
| 3810713.63  | 4.02459 (17030324)  |            |            |             |
| 403679.41   | 3810751.64          | 4.21577    | (17101508) | 403702.08   |
| 3810789.65  | 4.50989 (17101508)  |            |            |             |
| 403724.76   | 3810827.66          | 4.70780    | (17101508) | 403747.44   |
| 3810865.67  | 4.79539 (17101508)  |            |            |             |
| 403770.11   | 3810903.68          | 4.76629    | (17101508) | 403792.79   |
| 3810941.69  | 4.62254 (17101508)  |            |            |             |
| 403815.47   | 3810979.70          | 4.58783m   | (17102708) | 403838.14   |
| 3811017.71  | 4.68743m (17102708) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 404903.94   | 3812804.17         | 3.90765    | (20122108) | 404926.62   |
| 3812842.18  | 3.79530 (20122108) |            |            |             |
| 404949.30   | 3812880.19         | 3.60302    | (20122108) | 404971.97   |
| 3812918.20  | 3.34365 (20122108) |            |            |             |
| 404994.65   | 3812956.21         | 3.27728    | (18021608) | 405017.33   |
| 3812994.22  | 3.20480 (18021608) |            |            |             |
| 405040.00   | 3813032.23         | 3.33772    | (18120408) | 405062.68   |
| 3813070.24  | 3.43871 (18120408) |            |            |             |
| 405085.36   | 3813108.25         | 3.46407    | (18120408) | 405108.03   |
| 3813146.26  | 3.41250 (18120408) |            |            |             |
| 405130.71   | 3813184.27         | 3.54536    | (19103108) | 405153.39   |
| 3813222.28  | 3.67951 (19103108) |            |            |             |
| 405176.06   | 3813260.29         | 3.73504    | (19103108) | 405198.74   |
| 3813298.30  | 3.70872 (19103108) |            |            |             |
| 405221.42   | 3813336.30         | 3.60272    | (19103108) | 405244.09   |
| 3813374.31  | 3.75271 (18041808) |            |            |             |
| 405266.77   | 3813412.32         | 3.84072    | (18041808) | 405289.45   |
| 3813450.33  | 3.84628 (18041808) |            |            |             |
| 405312.12   | 3813488.34         | 4.03240    | (16101124) | 405334.80   |
| 3813526.35  | 4.25870 (16021524) |            |            |             |
| 405357.48   | 3813564.36         | 4.52483    | (16021524) | 405380.15   |
| 3813602.37  | 4.72867 (16021524) |            |            |             |
| 405402.83   | 3813640.38         | 4.86414    | (16021524) | 405425.51   |
| 3813678.39  | 4.92862 (16021524) |            |            |             |
| 405448.18   | 3813716.40         | 4.92278    | (16021524) | 405470.86   |
| 3813754.41  | 4.85018 (16021524) |            |            |             |
| 405493.53   | 3813792.42         | 4.71669    | (16021524) | 405516.21   |
| 3813830.43  | 4.52971 (16021524) |            |            |             |
| 405538.89   | 3813868.44         | 4.29767    | (16021524) | 405561.56   |
| 3813906.45  | 4.02940 (16021524) |            |            |             |
| 405584.24   | 3813944.46         | 3.93188    | (19112408) | 405606.92   |
| 3813982.47  | 3.84628 (19112408) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 405629.59  | 3814020.48         | 3.69567 | (19112408) | 405652.27 |
| 3814058.49 | 3.66433 (16122724) |         |            |           |
| 405674.95  | 3814096.50         | 3.74303 | (16122724) | 405697.62 |
| 3814134.51 | 3.74736 (16122724) |         |            |           |
| 405720.30  | 3814172.52         | 3.67758 | (16122724) | 405742.98 |
| 3814210.53 | 3.55483 (16120408) |         |            |           |
| 405765.65  | 3814248.54         | 3.67927 | (17121908) | 405788.33 |
| 3814286.55 | 3.88973 (17121908) |         |            |           |
| 405811.01  | 3814324.56         | 4.04814 | (17121908) | 405833.68 |
| 3814362.57 | 4.15074 (17121908) |         |            |           |
| 405856.36  | 3814400.58         | 4.19728 | (17121908) | 405879.04 |
| 3814438.59 | 4.19099 (17121908) |         |            |           |
| 405901.71  | 3814476.60         | 4.13830 | (17121908) | 405924.39 |
| 3814514.61 | 4.04811 (17121908) |         |            |           |
| 405947.07  | 3814552.62         | 3.93099 | (17121908) | 405969.74 |
| 3814590.63 | 3.79808 (17121908) |         |            |           |
| 405992.42  | 3814628.64         | 3.65996 | (17121908) | 406015.10 |
| 3814666.65 | 3.55084 (17020908) |         |            |           |
| 406037.77  | 3814704.66         | 3.49286 | (17020908) | 406060.45 |
| 3814742.67 | 3.37315 (17020908) |         |            |           |
| 406083.13  | 3814780.68         | 3.28501 | (17062608) | 406105.80 |
| 3814818.69 | 3.33058 (17062608) |         |            |           |
| 406128.48  | 3814856.70         | 3.31825 | (17062608) | 406151.16 |
| 3814894.71 | 3.24880 (17062608) |         |            |           |
| 406173.83  | 3814932.72         | 3.12600 | (17062608) | 406196.51 |
| 3814970.73 | 2.98589 (19110408) |         |            |           |
| 406219.19  | 3815008.74         | 3.23722 | (18111908) | 406241.86 |
| 3815046.75 | 3.64431 (18111908) |         |            |           |
| 406264.54  | 3815084.76         | 4.03738 | (18111908) | 406287.22 |
| 3815122.77 | 4.40243 (18111908) |         |            |           |
| 406309.89  | 3815160.78         | 4.72565 | (18111908) | 406332.57 |
| 3815198.78 | 4.99419 (18111908) |         |            |           |
| 406339.55  | 3815239.49         | 5.21117 | (18111908) | 406330.83 |
| 3815282.88 | 5.36282 (18111908) |         |            |           |
| 406322.11  | 3815326.27         | 5.42603 | (18111908) | 406313.40 |
| 3815369.67 | 5.39692 (18111908) |         |            |           |
| 406304.68  | 3815413.06         | 5.27632 | (18111908) | 406295.96 |
| 3815456.45 | 5.06962 (18111908) |         |            |           |
| 406287.24  | 3815499.85         | 4.78639 | (18111908) | 406278.52 |
| 3815543.24 | 4.43992 (18111908) |         |            |           |
| 406269.81  | 3815586.63         | 4.04576 | (18111908) | 406261.09 |
| 3815630.03 | 4.05449 (16122808) |         |            |           |
| 406252.37  | 3815673.42         | 4.06834 | (16122808) | 406243.65 |
| 3815716.81 | 4.42237 (17112908) |         |            |           |
| 406234.93  | 3815760.21         | 4.80755 | (17112908) | 406226.22 |
| 3815803.60 | 5.13473 (17112908) |         |            |           |
| 406217.50  | 3815846.99         | 5.38776 | (17112908) | 406208.78 |
| 3815890.38 | 5.55330 (17112908) |         |            |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1005

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC (YYMMDDHH)    | X-COORD (M) |
|----------------------------|--------------------------------|--------------------|-------------|
| 406200.06                  | 3815933.78                     | 5.62213 (17112908) | 406191.34   |
| 3815977.17                 | 5.58992 (17112908)             |                    |             |
| 406182.63                  | 3816020.56                     | 5.45774 (17112908) | 406173.91   |
| 3816063.96                 | 5.23191 (17112908)             |                    |             |
| 406165.19                  | 3816107.35                     | 4.92375 (17112908) | 406156.47   |
| 3816150.74                 | 4.54835 (17112908)             |                    |             |
| 406147.76                  | 3816194.14                     | 4.37088 (19100208) | 406139.04   |
| 3816237.53                 | 4.81745 (19100208)             |                    |             |
| 406130.32                  | 3816280.92                     | 5.20168 (19100208) | 406121.60   |
| 3816324.32                 | 5.50196 (19100208)             |                    |             |
| 406112.88                  | 3816367.71                     | 5.70019 (19100208) | 406104.17   |
| 3816411.10                 | 5.78400 (19100208)             |                    |             |
| 406095.45                  | 3816454.50                     | 5.74772 (19100208) | 406086.73   |
| 3816497.89                 | 5.59452 (18102008)             |                    |             |
| 406078.01                  | 3816541.28                     | 5.29519 (18102008) | 406069.29   |
| 3816584.68                 | 5.37797 (18102008)             |                    |             |
| 406060.58                  | 3816628.07                     | 5.38002 (18102008) | 406051.86   |
| 3816671.46                 | 5.21625 (18102008)             |                    |             |
| 406043.14                  | 3816714.86                     | 4.89386 (18121408) | 406034.42   |
| 3816758.25                 | 4.54936 (18121408)             |                    |             |
| 406025.70                  | 3816801.64                     | 4.51382 (18121408) | 406016.99   |
| 3816845.04                 | 4.58508 (18121408)             |                    |             |
| 406008.27                  | 3816888.43                     | 4.83364 (20102908) | 405999.55   |
| 3816931.82                 | 5.17546 (20102908)             |                    |             |
| 405990.83                  | 3816975.22                     | 5.17483 (20102908) | 405982.12   |
| 3817018.61                 | 5.14654 (20102908)             |                    |             |
| 405973.40                  | 3817062.00                     | 5.03593 (20102908) | 405964.68   |
| 3817105.40                 | 4.91384 (20102908)             |                    |             |
| 405955.96                  | 3817148.79                     | 4.55158 (20102908) | 405947.24   |
| 3817192.18                 | 3.98764 (20102908)             |                    |             |



|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 405938.53  | 3817235.57          | 3.42530             | (20102908) | 405929.81 |
| 3817278.97 | 2.87158 (19120124)  |                     |            |           |
| 405921.09  | 3817322.36          | 2.90249             | (19120124) | 405912.37 |
| 3817365.75 | 3.17271 (19120124)  |                     |            |           |
| 405903.65  | 3817409.15          | 3.87059             | (19120124) | 405894.94 |
| 3817452.54 | 4.17358 (19120124)  |                     |            |           |
| 405886.22  | 3817495.93          | 4.00119             | (19120124) | 405877.50 |
| 3817539.33 | 3.90255 (19120124)  |                     |            |           |
| 405868.78  | 3817582.72          | 3.59748             | (19120124) | 405860.06 |
| 3817626.11 | 3.06684 (19120124)  |                     |            |           |
| 405851.35  | 3817669.51          | 2.51233             | (19120124) | 405842.63 |
| 3817712.90 | 2.49537 (19113024)  |                     |            |           |
| 405833.91  | 3817756.29          | 2.53075             | (19113024) | 405825.19 |
| 3817799.69 | 2.56744 (19113024)  |                     |            |           |
| 405816.48  | 3817843.08          | 2.57946             | (19113024) | 405807.76 |
| 3817886.47 | 2.57334 (19113024)  |                     |            |           |
| 405799.04  | 3817929.87          | 2.83737             | (19113024) | 405790.32 |
| 3817973.26 | 3.51120c (16011208) |                     |            |           |
| 405781.60  | 3818016.65          | 3.67264c (16011208) |            | 405772.89 |
| 3818060.05 | 3.66675c (16011208) |                     |            |           |
| 405764.17  | 3818103.44          | 3.62589c (16011208) |            | 405755.45 |
| 3818146.83 | 3.47269 (17091008)  |                     |            |           |
| 405746.73  | 3818190.23          | 3.39770             | (17091008) | 405738.01 |
| 3818233.62 | 3.50469 (17091008)  |                     |            |           |
| 405729.30  | 3818277.01          | 3.49272             | (17091008) | 405720.58 |
| 3818320.41 | 3.18817 (17091008)  |                     |            |           |
| 405711.86  | 3818363.80          | 2.83099             | (17091008) | 405703.14 |
| 3818407.19 | 2.56493 (17091008)  |                     |            |           |
| 405694.42  | 3818450.58          | 2.34630             | (17091008) | 405685.71 |
| 3818493.98 | 2.08198 (20112024)  |                     |            |           |
| 405676.99  | 3818537.37          | 2.02306             | (20112024) | 405668.27 |
| 3818580.76 | 1.89361 (20112024)  |                     |            |           |
| 405659.55  | 3818624.16          | 1.73934             | (19112208) | 405650.84 |
| 3818667.55 | 1.68262 (19112208)  |                     |            |           |
| 405642.12  | 3818710.94          | 1.70172             | (19112208) | 405633.40 |
| 3818754.34 | 1.96943 (18031208)  |                     |            |           |
| 405624.68  | 3818797.73          | 2.22853             | (18031208) | 405615.96 |
| 3818841.12 | 2.41751 (18031208)  |                     |            |           |
| 405607.25  | 3818884.52          | 2.56829             | (18031208) | 405598.53 |
| 3818927.91 | 2.67558 (18031208)  |                     |            |           |
| 405589.81  | 3818971.30          | 2.72814             | (18031208) | 405581.09 |
| 3819014.70 | 2.72645 (18031208)  |                     |            |           |
| 405572.37  | 3819058.09          | 2.65608             | (18031208) | 405563.66 |
| 3819101.48 | 2.54143 (18031208)  |                     |            |           |
| 405554.94  | 3819144.88          | 2.39912             | (18031208) | 405546.22 |
| 3819188.27 | 2.24575 (18031208)  |                     |            |           |
| 405537.50  | 3819231.66          | 2.09187             | (18031208) | 405528.78 |
| 3819275.06 | 2.03575 (18121408)  |                     |            |           |
| 405520.07  | 3819318.45          | 1.98785             | (18121408) | 405511.35 |
| 3819361.84 | 2.06543 (18112608)  |                     |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 1006

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 405502.63   | 3819405.24         | 2.15253    | (18112608) | 405493.91   |
| 3819448.63  | 2.20874 (18112608) |            |            |             |
| 405485.20   | 3819492.02         | 2.24212    | (20112108) | 405476.48   |
| 3819535.42  | 2.26389 (20112108) |            |            |             |
| 405467.76   | 3819578.81         | 2.23317    | (20112108) | 405459.04   |
| 3819622.20  | 2.14139 (20112108) |            |            |             |
| 405450.32   | 3819665.60         | 1.99879    | (20112108) | 405441.61   |
| 3819708.99  | 1.95191 (20022008) |            |            |             |
| 405432.89   | 3819752.38         | 2.07771    | (20022008) | 405424.17   |
| 3819795.77  | 2.17394 (20022008) |            |            |             |
| 405415.45   | 3819839.17         | 2.24271    | (19010408) | 405406.73   |
| 3819882.56  | 2.42462 (19010408) |            |            |             |
| 405398.02   | 3819925.95         | 2.36423    | (19010408) | 405389.30   |
| 3819969.35  | 2.29266 (19010408) |            |            |             |
| 405380.58   | 3820012.74         | 2.27747    | (19010408) | 405371.86   |
| 3820056.13  | 2.28361 (19010408) |            |            |             |
| 405363.14   | 3820099.53         | 2.30990    | (19010408) | 405354.43   |
| 3820142.92  | 2.44819 (19010408) |            |            |             |
| 405345.71   | 3820186.31         | 2.95022    | (19010408) | 405336.99   |
| 3820229.71  | 3.07507 (19010408) |            |            |             |
| 405328.27   | 3820273.10         | 2.71608    | (19010408) | 405319.56   |
| 3820316.49  | 3.17064 (19010408) |            |            |             |
| 405310.84   | 3820359.89         | 3.45894    | (19010408) | 405302.12   |
| 3820403.28  | 2.85581 (19010408) |            |            |             |
| 405293.40   | 3820446.67         | 1.92760    | (19010408) | 405284.68   |
| 3820490.07  | 1.66214 (16020608) |            |            |             |
| 405275.97   | 3820533.46         | 1.89730    | (17030724) | 405267.25   |
| 3820576.85  | 1.87604 (17030724) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 405258.53  | 3820620.25          | 1.84244  | (17030724) | 405249.81 |
| 3820663.64 | 1.84913 (17030724)  |          |            |           |
| 405241.09  | 3820707.03          | 2.18327  | (17030724) | 405232.38 |
| 3820750.43 | 2.81867 (17030724)  |          |            |           |
| 405223.66  | 3820793.82          | 2.60938  | (17030724) | 405214.94 |
| 3820837.21 | 2.40697 (17030724)  |          |            |           |
| 405206.22  | 3820880.61          | 2.03082  | (20101608) | 405197.51 |
| 3820924.00 | 1.95102 (20101608)  |          |            |           |
| 405188.79  | 3820967.39          | 1.87592  | (20101608) | 405180.07 |
| 3821010.79 | 1.60583 (20101608)  |          |            |           |
| 405171.35  | 3821054.18          | 1.52878  | (20101608) | 405162.63 |
| 3821097.57 | 1.36442 (20101608)  |          |            |           |
| 405153.92  | 3821140.96          | 1.29040  | (20101608) | 405145.20 |
| 3821184.36 | 1.26877 (20101608)  |          |            |           |
| 405136.48  | 3821227.75          | 1.11437  | (19122108) | 405127.76 |
| 3821271.14 | 1.22999 (19122108)  |          |            |           |
| 405119.04  | 3821314.54          | 1.34252  | (19122108) | 405110.33 |
| 3821357.93 | 1.32533 (19122108)  |          |            |           |
| 405101.61  | 3821401.32          | 1.33471  | (16010308) | 405092.89 |
| 3821444.72 | 1.32407 (16010308)  |          |            |           |
| 405084.17  | 3821488.11          | 1.31839  | (16010308) | 405075.45 |
| 3821531.50 | 1.30549 (16010308)  |          |            |           |
| 405066.74  | 3821574.90          | 1.30221  | (16010308) | 405058.02 |
| 3821618.29 | 1.26125 (16010308)  |          |            |           |
| 405049.30  | 3821661.68          | 1.21262  | (16010308) | 405040.58 |
| 3821705.08 | 1.17488 (16010308)  |          |            |           |
| 405031.87  | 3821748.47          | 1.09190  | (16010308) | 405023.15 |
| 3821791.86 | 1.01464 (16010308)  |          |            |           |
| 405014.43  | 3821835.26          | 0.95915  | (16010308) | 405005.71 |
| 3821878.65 | 0.90764 (16010308)  |          |            |           |
| 404996.99  | 3821922.04          | 0.85236  | (16010308) | 404988.28 |
| 3821965.44 | 0.79663 (16010308)  |          |            |           |
| 404979.56  | 3822008.83          | 0.74188  | (16010308) | 404970.84 |
| 3822052.22 | 0.72709 (20011808)  |          |            |           |
| 404962.12  | 3822095.62          | 0.72089m | (19081008) | 404953.40 |
| 3822139.01 | 0.72199m (19081008) |          |            |           |
| 404944.69  | 3822182.40          | 0.71723m | (19081008) | 404935.97 |
| 3822225.80 | 0.70851m (19081008) |          |            |           |
| 404927.25  | 3822269.19          | 0.69638m | (19081008) | 404918.53 |
| 3822312.58 | 0.68210m (19081008) |          |            |           |
| 404909.81  | 3822355.97          | 0.66243m | (19081008) | 404901.10 |
| 3822399.37 | 0.64120m (19081008) |          |            |           |
| 404892.38  | 3822442.76          | 0.61986m | (19081008) | 404883.66 |
| 3822486.15 | 0.62542 (17111224)  |          |            |           |
| 404874.94  | 3822529.55          | 0.62960  | (17111224) | 404866.23 |
| 3822572.94 | 0.62972 (17111224)  |          |            |           |
| 402448.76  | 3808704.44          | 3.72848  | (18102708) | 402413.86 |
| 3808677.08 | 3.50180 (18102708)  |          |            |           |
| 402378.96  | 3808649.73          | 3.21702  | (18102708) | 402344.06 |
| 3808622.37 | 2.98608 (17051908)  |          |            |           |

403300.08 3807687.74 2.74104 (18102708) 403322.78  
 3807725.79 2.96980 (18102708)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1007

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 403345.48   | 3807763.83  | 3.16413    | (18102708) | 403368.18   |
| 3807801.88  | 3.31442     | (18102708) |            |             |
| 403390.87   | 3807839.92  | 3.41270    | (18102708) | 403413.57   |
| 3807877.97  | 3.45355     | (18102708) |            |             |
| 403436.27   | 3807916.01  | 3.43550    | (19010808) | 403458.97   |
| 3807954.06  | 3.77085     | (19010808) |            |             |
| 403481.67   | 3807992.11  | 4.07301    | (19010808) | 403504.36   |
| 3808030.15  | 4.32890     | (19010808) |            |             |
| 403527.06   | 3808068.20  | 4.52705    | (19010808) | 403549.76   |
| 3808106.24  | 4.65795     | (19010808) |            |             |
| 403572.46   | 3808144.29  | 4.71514    | (19010808) | 403595.15   |
| 3808182.33  | 4.69558     | (19010808) |            |             |
| 403617.85   | 3808220.38  | 4.59992    | (19010808) | 403640.55   |
| 3808258.42  | 4.43254     | (19010808) |            |             |
| 403663.25   | 3808296.47  | 4.20087    | (19010808) | 403685.95   |
| 3808334.51  | 4.13193     | (18120408) |            |             |
| 403708.64   | 3808372.56  | 4.29393    | (18120408) | 403731.34   |
| 3808410.60  | 4.43062     | (18120408) |            |             |
| 403754.04   | 3808448.65  | 4.54239    | (18120408) | 403776.74   |
| 3808486.69  | 4.62635     | (18120408) |            |             |
| 403799.43   | 3808524.74  | 4.68161    | (18120408) | 403822.13   |
| 3808562.79  | 4.70602     | (18120408) |            |             |
| 403844.83   | 3808600.83  | 4.69715    | (18120408) | 403867.53   |
| 3808638.88  | 4.65266     | (18120408) |            |             |
| 403890.23   | 3808676.92  | 4.57083    | (18120408) | 403912.92   |
| 3808714.97  | 4.45108     | (18120408) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403935.62  | 3808753.01          | 4.29455  | (18120408) | 403958.32 |
| 3808791.06 | 4.10444 (18120408)  |          |            |           |
| 403981.02  | 3808829.10          | 3.88633  | (18120408) | 404003.71 |
| 3808867.15 | 3.64791 (18120408)  |          |            |           |
| 404026.41  | 3808905.19          | 3.39881  | (18120408) | 404049.11 |
| 3808943.24 | 3.14987 (18120408)  |          |            |           |
| 404071.81  | 3808981.28          | 3.07479  | (18013108) | 404094.51 |
| 3809019.33 | 3.19316 (17121008)  |          |            |           |
| 404117.20  | 3809057.37          | 3.48795  | (17121008) | 404139.90 |
| 3809095.42 | 3.75368 (17121008)  |          |            |           |
| 404162.60  | 3809133.46          | 3.98192  | (17121008) | 404185.30 |
| 3809171.51 | 4.16604 (17121008)  |          |            |           |
| 404208.00  | 3809209.56          | 4.30112  | (17121008) | 404230.69 |
| 3809247.60 | 4.38420 (17121008)  |          |            |           |
| 404253.39  | 3809285.65          | 4.41431  | (17121008) | 404276.09 |
| 3809323.69 | 4.39207 (17121008)  |          |            |           |
| 404298.79  | 3809361.74          | 4.31958  | (17121008) | 404321.48 |
| 3809399.78 | 4.55869 (19120108)  |          |            |           |
| 404344.18  | 3809437.83          | 4.78641  | (19120108) | 404366.88 |
| 3809475.87 | 4.92714 (19120108)  |          |            |           |
| 404389.58  | 3809513.92          | 4.97261  | (19120108) | 404412.28 |
| 3809551.96 | 4.91996 (19120108)  |          |            |           |
| 404434.97  | 3809590.01          | 4.77212  | (19120108) | 404457.67 |
| 3809628.05 | 4.53752 (19120108)  |          |            |           |
| 404480.37  | 3809666.10          | 4.22923  | (19120108) | 404503.07 |
| 3809704.14 | 3.86398 (19120108)  |          |            |           |
| 404525.76  | 3809742.19          | 3.49061  | (18111208) | 404548.46 |
| 3809780.24 | 3.35776 (18111208)  |          |            |           |
| 404571.16  | 3809818.28          | 3.44274  | (19120708) | 404593.86 |
| 3809856.33 | 3.49306 (19120708)  |          |            |           |
| 404616.56  | 3809894.37          | 3.47386  | (19120708) | 404639.25 |
| 3809932.42 | 3.38624 (19120708)  |          |            |           |
| 404661.95  | 3809970.46          | 3.38285  | (17030324) | 404684.65 |
| 3810008.51 | 3.47473 (17030324)  |          |            |           |
| 404707.35  | 3810046.55          | 3.49830  | (17030324) | 404730.04 |
| 3810084.60 | 3.69456 (17101508)  |          |            |           |
| 404752.74  | 3810122.64          | 3.92044  | (17101508) | 404775.44 |
| 3810160.69 | 4.07738 (17101508)  |          |            |           |
| 404798.14  | 3810198.73          | 4.15612  | (17101508) | 404820.84 |
| 3810236.78 | 4.15201 (17101508)  |          |            |           |
| 404843.53  | 3810274.82          | 4.06526  | (17101508) | 404866.23 |
| 3810312.87 | 3.90877m (17102708) |          |            |           |
| 404888.93  | 3810350.91          | 4.03351m | (17102708) | 404911.63 |
| 3810388.96 | 4.07932m (17102708) |          |            |           |
| 404934.32  | 3810427.01          | 4.04347m | (17102708) | 404957.02 |
| 3810465.05 | 3.92811m (17102708) |          |            |           |
| 404979.72  | 3810503.10          | 3.74005m | (17102708) | 405002.42 |
| 3810541.14 | 3.49017m (17102708) |          |            |           |
| 405025.12  | 3810579.19          | 3.19217m | (17102708) | 405047.81 |
| 3810617.23 | 2.90326 (17092508)  |          |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 405161.30   | 3810807.46         | 3.21446    | (18011408) | 405184.00   |
| 3810845.50  | 3.37220 (18011408) |            |            |             |
| 405206.70   | 3810883.55         | 3.46731    | (18011408) | 405229.40   |
| 3810921.59  | 3.54669 (18111208) |            |            |             |
| 405252.09   | 3810959.64         | 3.57248    | (18111208) | 405274.79   |
| 3810997.69  | 3.54404 (18111208) |            |            |             |
| 405297.49   | 3811035.73         | 3.46481    | (18111208) | 405320.19   |
| 3811073.78  | 3.48143 (19020108) |            |            |             |
| 405342.88   | 3811111.82         | 3.48190    | (19020108) | 405365.58   |
| 3811149.87  | 3.60908 (17091008) |            |            |             |
| 405388.28   | 3811187.91         | 3.80400    | (17091008) | 405410.98   |
| 3811225.96  | 3.93023 (17091008) |            |            |             |
| 405433.68   | 3811264.00         | 3.98049    | (17091008) | 405456.37   |
| 3811302.05  | 3.95198 (17091008) |            |            |             |
| 405479.07   | 3811340.09         | 3.84652    | (17091008) | 405501.77   |
| 3811378.14  | 3.67032 (17091008) |            |            |             |
| 405524.47   | 3811416.18         | 3.67140    | (17120924) | 405547.17   |
| 3811454.23  | 3.68130 (17120924) |            |            |             |
| 405569.86   | 3811492.27         | 3.64965    | (17120924) | 405592.56   |
| 3811530.32  | 3.57725 (17120924) |            |            |             |
| 405615.26   | 3811568.37         | 3.46587    | (17120924) | 405637.96   |
| 3811606.41  | 3.45869 (17101308) |            |            |             |
| 405660.65   | 3811644.46         | 3.45509    | (17101308) | 405683.35   |
| 3811682.50  | 3.38447 (17101308) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 405706.05  | 3811720.55         | 3.25105 | (17101308) | 405728.75 |
| 3811758.59 | 3.06257 (17101308) |         |            |           |
| 405751.45  | 3811796.64         | 2.82935 | (17101308) | 405774.14 |
| 3811834.68 | 3.06608 (20010308) |         |            |           |
| 405796.84  | 3811872.73         | 3.27254 | (20010308) | 405819.54 |
| 3811910.77 | 3.43054 (20010308) |         |            |           |
| 405842.24  | 3811948.82         | 3.53243 | (20010308) | 405864.93 |
| 3811986.86 | 3.57339 (20010308) |         |            |           |
| 405887.63  | 3812024.91         | 3.55201 | (20010308) | 405910.33 |
| 3812062.95 | 3.47026 (20010308) |         |            |           |
| 405933.03  | 3812101.00         | 3.35057 | (17121508) | 405955.73 |
| 3812139.04 | 3.37103 (17121508) |         |            |           |
| 405978.42  | 3812177.09         | 3.33586 | (17121508) | 406001.12 |
| 3812215.14 | 3.24578 (17121508) |         |            |           |
| 406023.82  | 3812253.18         | 3.25003 | (20122108) | 406046.52 |
| 3812291.23 | 3.36398 (20122108) |         |            |           |
| 406069.21  | 3812329.27         | 3.41654 | (20122108) | 406091.91 |
| 3812367.32 | 3.40501 (20122108) |         |            |           |
| 406114.61  | 3812405.36         | 3.33029 | (20122108) | 406137.31 |
| 3812443.41 | 3.19671 (20122108) |         |            |           |
| 406160.01  | 3812481.45         | 3.01176 | (20122108) | 406182.70 |
| 3812519.50 | 2.85425 (18021608) |         |            |           |
| 406205.40  | 3812557.54         | 2.83366 | (18021608) | 406228.10 |
| 3812595.59 | 2.78084 (18120408) |         |            |           |
| 406250.80  | 3812633.63         | 2.90865 | (18120408) | 406273.49 |
| 3812671.68 | 2.98657 (18120408) |         |            |           |
| 406296.19  | 3812709.72         | 3.01058 | (18120408) | 406318.89 |
| 3812747.77 | 2.97961 (18120408) |         |            |           |
| 406341.59  | 3812785.82         | 3.02407 | (19103108) | 406364.29 |
| 3812823.86 | 3.15307 (19103108) |         |            |           |
| 406386.98  | 3812861.91         | 3.22822 | (19103108) | 406409.68 |
| 3812899.95 | 3.24574 (19103108) |         |            |           |
| 406432.38  | 3812938.00         | 3.20497 | (19103108) | 406455.08 |
| 3812976.04 | 3.13822 (18041808) |         |            |           |
| 406477.77  | 3813014.09         | 3.26436 | (18041808) | 406500.47 |
| 3813052.13 | 3.33522 (18041808) |         |            |           |
| 406523.17  | 3813090.18         | 3.34739 | (18041808) | 406545.87 |
| 3813128.22 | 3.42551 (16101124) |         |            |           |
| 406568.57  | 3813166.27         | 3.62116 | (16101124) | 406591.26 |
| 3813204.31 | 3.80774 (16021524) |         |            |           |
| 406613.96  | 3813242.36         | 3.99435 | (16021524) | 406636.66 |
| 3813280.40 | 4.13472 (16021524) |         |            |           |
| 406659.36  | 3813318.45         | 4.22588 | (16021524) | 406682.05 |
| 3813356.49 | 4.26680 (16021524) |         |            |           |
| 406704.75  | 3813394.54         | 4.25837 | (16021524) | 406727.45 |
| 3813432.59 | 4.20306 (16021524) |         |            |           |
| 406750.15  | 3813470.63         | 4.10469 | (16021524) | 406772.85 |
| 3813508.68 | 3.96792 (16021524) |         |            |           |
| 406795.54  | 3813546.72         | 3.79807 | (16021524) | 406818.24 |
| 3813584.77 | 3.60058 (16021524) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 406840.94  | 3813622.81         | 3.42122 | (19112408) | 406863.64 |
| 3813660.86 | 3.39209 (19112408) |         |            |           |
| 406886.34  | 3813698.90         | 3.31457 | (19112408) | 406909.03 |
| 3813736.95 | 3.19127 (19112408) |         |            |           |
| 406931.73  | 3813774.99         | 3.17560 | (16122724) | 406954.43 |
| 3813813.04 | 3.24536 (16122724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1009

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 406977.13   | 3813851.08         | 3.26236    | (16122724) | 406999.82   |
| 3813889.13  | 3.22610 (16122724) |            |            |             |
| 407022.52   | 3813927.17         | 3.13866    | (16122724) | 407045.22   |
| 3813965.22  | 3.13616 (16120408) |            |            |             |
| 407067.92   | 3814003.27         | 3.23687    | (17121908) | 407090.62   |
| 3814041.31  | 3.39208 (17121908) |            |            |             |
| 407113.31   | 3814079.36         | 3.50950    | (17121908) | 407136.01   |
| 3814117.40  | 3.58690 (17121908) |            |            |             |
| 407158.71   | 3814155.45         | 3.62422    | (17121908) | 407181.41   |
| 3814193.49  | 3.62337 (17121908) |            |            |             |
| 407204.10   | 3814231.54         | 3.58821    | (17121908) | 407226.80   |
| 3814269.58  | 3.52419 (17121908) |            |            |             |
| 407249.50   | 3814307.63         | 3.43786    | (17121908) | 407272.20   |
| 3814345.67  | 3.33646 (17121908) |            |            |             |
| 407294.90   | 3814383.72         | 3.22719    | (17121908) | 407317.59   |
| 3814421.76  | 3.11681 (17121908) |            |            |             |
| 407340.29   | 3814459.81         | 3.08514    | (17020908) | 407362.99   |
| 3814497.85  | 3.03995 (17020908) |            |            |             |
| 407385.69   | 3814535.90         | 2.95048    | (17020908) | 407408.38   |
| 3814573.94  | 2.82927 (17062608) |            |            |             |
| 407431.08   | 3814611.99         | 2.88103    | (17062608) | 407453.78   |
| 3814650.04  | 2.89189 (17062608) |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 407476.48  | 3814688.08         | 2.86146 | (17062608) | 407499.18 |
| 3814726.13 | 2.79111 (17062608) |         |            |           |
| 407521.87  | 3814764.17         | 2.68399 | (17062608) | 407544.57 |
| 3814802.22 | 2.59529 (19110408) |         |            |           |
| 407567.27  | 3814840.26         | 2.76730 | (18111908) | 407589.97 |
| 3814878.31 | 3.08746 (18111908) |         |            |           |
| 407612.66  | 3814916.35         | 3.39964 | (18111908) | 407635.36 |
| 3814954.40 | 3.69509 (18111908) |         |            |           |
| 407653.70  | 3815014.16         | 4.09950 | (18111908) | 407644.97 |
| 3815057.59 | 4.33796 (18111908) |         |            |           |
| 407636.25  | 3815101.03         | 4.52730 | (18111908) | 407627.52 |
| 3815144.46 | 4.65961 (18111908) |         |            |           |
| 407618.79  | 3815187.90         | 4.72916 | (18111908) | 407610.07 |
| 3815231.33 | 4.73262 (18111908) |         |            |           |
| 407601.34  | 3815274.76         | 4.66940 | (18111908) | 407592.61 |
| 3815318.20 | 4.54167 (18111908) |         |            |           |
| 407583.89  | 3815361.63         | 4.35435 | (18111908) | 407575.16 |
| 3815405.06 | 4.11466 (18111908) |         |            |           |
| 407566.44  | 3815448.50         | 3.83165 | (18111908) | 407557.71 |
| 3815491.93 | 3.51596 (18111908) |         |            |           |
| 407548.98  | 3815535.37         | 3.52109 | (16122808) | 407540.26 |
| 3815578.80 | 3.53872 (16122808) |         |            |           |
| 407531.53  | 3815622.23         | 3.72578 | (17112908) | 407522.81 |
| 3815665.67 | 4.04676 (17112908) |         |            |           |
| 407514.08  | 3815709.10         | 4.33182 | (17112908) | 407505.35 |
| 3815752.53 | 4.56972 (17112908) |         |            |           |
| 407496.63  | 3815795.97         | 4.75047 | (17112908) | 407487.90 |
| 3815839.40 | 4.86600 (17112908) |         |            |           |
| 407479.18  | 3815882.84         | 4.91096 | (17112908) | 407470.45 |
| 3815926.27 | 4.88291 (17112908) |         |            |           |
| 407461.72  | 3815969.70         | 4.78266 | (17112908) | 407453.00 |
| 3816013.14 | 4.61415 (17112908) |         |            |           |
| 407444.27  | 3816056.57         | 4.38438 | (17112908) | 407435.55 |
| 3816100.00 | 4.10267 (17112908) |         |            |           |
| 407426.82  | 3816143.44         | 3.78015 | (17112908) | 407418.09 |
| 3816186.87 | 3.95038 (19100208) |         |            |           |
| 407409.37  | 3816230.31         | 4.29433 | (19100208) | 407400.64 |
| 3816273.74 | 4.58931 (19100208) |         |            |           |
| 407391.92  | 3816317.17         | 4.82144 | (19100208) | 407383.19 |
| 3816360.61 | 4.97918 (19100208) |         |            |           |
| 407374.46  | 3816404.04         | 5.05424 | (19100208) | 407365.74 |
| 3816447.47 | 5.04252 (19100208) |         |            |           |
| 407357.01  | 3816490.91         | 4.94427 | (19100208) | 407348.29 |
| 3816534.34 | 5.07520 (18102008) |         |            |           |
| 407339.56  | 3816577.78         | 5.24311 | (18102008) | 407330.83 |
| 3816621.21 | 5.32285 (18102008) |         |            |           |
| 407322.11  | 3816664.64         | 5.31003 | (18102008) | 407313.38 |
| 3816708.08 | 5.20498 (18102008) |         |            |           |
| 407304.66  | 3816751.51         | 5.05391 | (18121408) | 407295.93 |
| 3816794.94 | 5.00110 (18121408) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 407287.20  | 3816838.38         | 4.87130 | (18121408) | 407278.48 |
| 3816881.81 | 4.67031 (18121408) |         |            |           |
| 407269.75  | 3816925.25         | 4.68936 | (20102908) | 407261.03 |
| 3816968.68 | 4.92582 (20102908) |         |            |           |
| 407252.30  | 3817012.11         | 5.08309 | (20102908) | 407243.57 |
| 3817055.55 | 5.15270 (20102908) |         |            |           |
| 407234.85  | 3817098.98         | 5.13068 | (20102908) | 407226.12 |
| 3817142.42 | 5.01793 (20102908) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1010

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 407217.40   | 3817185.85         | 4.82020    | (20102908) | 407208.67   |
| 3817229.28  | 4.54752 (20102908) |            |            |             |
| 407199.94   | 3817272.72         | 4.21328    | (20102908) | 407191.22   |
| 3817316.15  | 3.83351 (20102908) |            |            |             |
| 407182.49   | 3817359.58         | 3.42511    | (20102908) | 407173.77   |
| 3817403.02  | 3.41108 (19120124) |            |            |             |
| 407165.04   | 3817446.45         | 3.62139    | (19120124) | 407156.31   |
| 3817489.89  | 3.78239 (19120124) |            |            |             |
| 407147.59   | 3817533.32         | 3.88653    | (19120124) | 407138.86   |
| 3817576.75  | 3.92887 (19120124) |            |            |             |
| 407130.13   | 3817620.19         | 3.90733    | (19120124) | 407121.41   |
| 3817663.62  | 3.82291 (19120124) |            |            |             |
| 407112.68   | 3817707.05         | 3.67963    | (19120124) | 407103.96   |
| 3817750.49  | 3.48410 (19120124) |            |            |             |
| 407095.23   | 3817793.92         | 3.24528    | (19120124) | 407086.50   |
| 3817837.36  | 3.22256 (20120208) |            |            |             |
| 407077.78   | 3817880.79         | 3.29313    | (20120208) | 407069.05   |
| 3817924.22  | 3.36043 (19113024) |            |            |             |
| 407060.33   | 3817967.66         | 3.40851    | (19113024) | 407051.60   |
| 3818011.09  | 3.42805 (19113024) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 407042.87  | 3818054.52          | 3.42308  | (19113024) | 407034.15 |
| 3818097.96 | 3.39883 (19113024)  |          |            |           |
| 407025.42  | 3818141.39          | 3.55227c | (16011208) | 407016.70 |
| 3818184.83 | 3.78953c (16011208) |          |            |           |
| 407007.97  | 3818228.26          | 3.97523c | (16011208) | 406999.24 |
| 3818271.69 | 4.08277c (16011208) |          |            |           |
| 406990.52  | 3818315.13          | 4.24431c | (16011208) | 406981.79 |
| 3818358.56 | 4.13899c (16011208) |          |            |           |
| 406973.07  | 3818401.99          | 4.15190  | (17091008) | 406964.34 |
| 3818445.43 | 4.12558 (17091008)  |          |            |           |
| 406955.61  | 3818488.86          | 4.01707  | (17091008) | 406946.89 |
| 3818532.30 | 3.82492 (17091008)  |          |            |           |
| 406938.16  | 3818575.73          | 3.40401  | (17091008) | 406929.44 |
| 3818619.16 | 3.09681 (17091008)  |          |            |           |
| 406920.71  | 3818662.60          | 2.90629  | (17091008) | 406911.98 |
| 3818706.03 | 2.78460 (17091008)  |          |            |           |
| 406903.26  | 3818749.46          | 2.73666  | (20112024) | 406894.53 |
| 3818792.90 | 2.44696 (20112024)  |          |            |           |
| 406885.81  | 3818836.33          | 2.13717  | (20112024) | 406877.08 |
| 3818879.77 | 1.99646 (19112208)  |          |            |           |
| 406868.35  | 3818923.20          | 2.01758  | (19112208) | 406859.63 |
| 3818966.63 | 2.01441 (19112208)  |          |            |           |
| 406850.90  | 3819010.07          | 2.09096  | (18031208) | 406842.18 |
| 3819053.50 | 2.17096 (18031208)  |          |            |           |
| 406833.45  | 3819096.93          | 2.23277  | (18031208) | 406824.72 |
| 3819140.37 | 2.16315 (18031208)  |          |            |           |
| 406816.00  | 3819183.80          | 1.83623  | (18031208) | 406807.27 |
| 3819227.24 | 1.73297 (18031208)  |          |            |           |
| 406798.55  | 3819270.67          | 1.72445  | (18031208) | 406789.82 |
| 3819314.10 | 1.70589 (18031208)  |          |            |           |
| 406781.09  | 3819357.54          | 1.64948  | (18031208) | 406772.37 |
| 3819400.97 | 1.57956 (18031208)  |          |            |           |
| 406763.64  | 3819444.40          | 1.56269  | (18031208) | 406754.92 |
| 3819487.84 | 1.52943 (18031208)  |          |            |           |
| 406746.19  | 3819531.27          | 1.45163  | (18031208) | 406737.46 |
| 3819574.71 | 1.48847 (18121408)  |          |            |           |
| 406728.74  | 3819618.14          | 1.54312  | (18121408) | 406720.01 |
| 3819661.57 | 1.64842 (18112608)  |          |            |           |
| 406711.29  | 3819705.01          | 1.81572  | (18112608) | 406702.56 |
| 3819748.44 | 2.02134 (18112608)  |          |            |           |
| 406693.83  | 3819791.87          | 2.22013  | (18112608) | 406685.11 |
| 3819835.31 | 2.32467 (18112608)  |          |            |           |
| 406676.38  | 3819878.74          | 2.46603  | (20112108) | 406667.65 |
| 3819922.18 | 2.62448 (20112108)  |          |            |           |
| 406658.93  | 3819965.61          | 2.80174  | (20112108) | 406650.20 |
| 3820009.04 | 2.78727 (20112108)  |          |            |           |
| 406641.48  | 3820052.48          | 2.75279  | (20022008) | 406632.75 |
| 3820095.91 | 3.11086 (20022008)  |          |            |           |
| 406624.02  | 3820139.35          | 3.37801  | (20022008) | 406615.30 |
| 3820182.78 | 3.56731 (20022008)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 406606.57  | 3820226.21         | 3.68754 | (20022008) | 406597.85 |
| 3820269.65 | 4.02278 (19010408) |         |            |           |
| 406589.12  | 3820313.08         | 4.04786 | (19010408) | 406580.39 |
| 3820356.51 | 3.83097 (19010408) |         |            |           |
| 406571.67  | 3820399.95         | 3.59900 | (19010408) | 406562.94 |
| 3820443.38 | 3.40603 (19010408) |         |            |           |
| 406554.22  | 3820486.82         | 3.19049 | (19010408) | 406545.49 |
| 3820530.25 | 2.98198 (19010408) |         |            |           |
| 406536.76  | 3820573.68         | 2.69667 | (19010408) | 406528.04 |
| 3820617.12 | 2.44331 (19010408) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1011

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 406519.31   | 3820660.55         | 2.20894    | (19010408) | 406510.59   |
| 3820703.98  | 2.03514 (19010408) |            |            |             |
| 406501.86   | 3820747.42         | 1.74664    | (19010408) | 406493.13   |
| 3820790.85  | 1.45107 (19010408) |            |            |             |
| 406484.41   | 3820834.29         | 1.28188    | (19010408) | 406475.68   |
| 3820877.72  | 1.10252 (19010408) |            |            |             |
| 406466.96   | 3820921.15         | 0.93965    | (16020608) | 406458.23   |
| 3820964.59  | 0.88767 (16020608) |            |            |             |
| 406449.50   | 3821008.02         | 0.90980    | (17030724) | 406440.78   |
| 3821051.45  | 0.90759 (17030724) |            |            |             |
| 406432.05   | 3821094.89         | 0.89509    | (17030724) | 406423.33   |
| 3821138.32  | 0.85841 (17030724) |            |            |             |
| 406414.60   | 3821181.76         | 0.80955    | (17030724) | 406405.87   |
| 3821225.19  | 0.75931 (17030724) |            |            |             |
| 406397.15   | 3821268.62         | 0.73053    | (17030724) | 406388.42   |
| 3821312.06  | 0.70881 (16010324) |            |            |             |
| 406379.70   | 3821355.49         | 0.69490    | (16010324) | 406370.97   |
| 3821398.92  | 0.67626 (16010324) |            |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 406362.24  | 3821442.36          | 0.69075             | (20101608) | 406353.52 |
| 3821485.79 | 0.69650 (20101608)  |                     |            |           |
| 406344.79  | 3821529.23          | 0.68905             | (20101608) | 406336.07 |
| 3821572.66 | 0.67158 (20101608)  |                     |            |           |
| 406327.34  | 3821616.09          | 0.64505             | (20101608) | 406318.61 |
| 3821659.53 | 0.61012 (20101608)  |                     |            |           |
| 406309.89  | 3821702.96          | 0.56732             | (20101608) | 406301.16 |
| 3821746.39 | 0.56347 (17040108)  |                     |            |           |
| 406292.44  | 3821789.83          | 0.58824             | (17040108) | 406283.71 |
| 3821833.26 | 0.60968 (17040108)  |                     |            |           |
| 406274.98  | 3821876.70          | 0.62502             | (17040108) | 406266.26 |
| 3821920.13 | 0.63648 (17040108)  |                     |            |           |
| 406257.53  | 3821963.56          | 0.64587             | (17040108) | 406248.81 |
| 3822007.00 | 0.65164 (17040108)  |                     |            |           |
| 406240.08  | 3822050.43          | 0.65245             | (17040108) | 406231.35 |
| 3822093.86 | 0.65034 (17040108)  |                     |            |           |
| 406222.63  | 3822137.30          | 0.64387             | (17040108) | 406213.90 |
| 3822180.73 | 0.62850 (17040108)  |                     |            |           |
| 406205.17  | 3822224.17          | 0.61285             | (16102724) | 406196.45 |
| 3822267.60 | 0.62403 (16102724)  |                     |            |           |
| 406187.72  | 3822311.03          | 0.63128             | (16102724) | 406179.00 |
| 3822354.47 | 0.63423 (16102724)  |                     |            |           |
| 406170.27  | 3822397.90          | 0.63371             | (16102724) | 406161.54 |
| 3822441.33 | 0.63103 (16102724)  |                     |            |           |
| 406152.82  | 3822484.77          | 0.62420             | (16102724) | 406144.09 |
| 3822528.20 | 0.61449 (16102724)  |                     |            |           |
| 406135.37  | 3822571.64          | 0.60215             | (16102724) | 406126.64 |
| 3822615.07 | 0.58669 (16102724)  |                     |            |           |
| 406117.91  | 3822658.50          | 0.56919             | (16102724) | 406109.19 |
| 3822701.94 | 0.57127m (19081008) |                     |            |           |
| 406100.46  | 3822745.37          | 0.57702m (19081008) |            | 406091.74 |
| 3822788.80 | 0.58036m (19081008) |                     |            |           |
| 406083.01  | 3822832.24          | 0.58054m (19081008) |            | 406074.28 |
| 3822875.67 | 0.57772m (19081008) |                     |            |           |
| 406065.56  | 3822919.11          | 0.57308m (19081008) |            | 406056.83 |
| 3822962.54 | 0.56592m (19081008) |                     |            |           |
| 406048.11  | 3823005.97          | 0.55640m (19081008) |            | 406039.38 |
| 3823049.41 | 0.54482m (19081008) |                     |            |           |
| 406030.65  | 3823092.84          | 0.53198m (19081008) |            | 406021.93 |
| 3823136.28 | 0.51810m (19081008) |                     |            |           |
| 406013.20  | 3823179.71          | 0.51859             | (17111224) | 406004.48 |
| 3823223.14 | 0.53635 (17111224)  |                     |            |           |
| 405995.75  | 3823266.58          | 0.54289             | (17111224) | 405987.02 |
| 3823310.01 | 0.54490 (17111224)  |                     |            |           |
| 403271.28  | 3807655.04          | 2.58299             | (17051908) | 403236.38 |
| 3807627.69 | 2.57291 (18020324)  |                     |            |           |
| 403201.48  | 3807600.33          | 2.67716             | (18020324) | 403166.58 |
| 3807572.98 | 2.73381 (18020324)  |                     |            |           |
| 395836.70  | 3816831.81          | 12.29998            | (16051424) | 395824.75 |
| 3816811.06 | 12.14725 (16051424) |                     |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395812.80  | 3816790.31 | 11.86686   | (16051424) | 395800.85 |
| 3816769.56 | 11.37643   | (16010524) |            |           |
| 395788.91  | 3816748.81 | 11.69194   | (17032216) | 395870.31 |
| 3816840.09 | 11.39523   | (16051424) |            |           |
| 395858.36  | 3816819.34 | 11.17192   | (16051424) | 395846.42 |
| 3816798.59 | 10.79281   | (16051424) |            |           |
| 395834.47  | 3816777.83 | 10.70424   | (16010524) | 395822.52 |
| 3816757.08 | 11.05768   | (17032216) |            |           |
| 395810.57  | 3816736.33 | 11.11418   | (17032216) | 395880.03 |
| 3816806.86 | 10.30526   | (16051424) |            |           |
| 395868.08  | 3816786.11 | 10.56340   | (16010524) | 395856.13 |
| 3816765.36 | 10.60302   | (17032216) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1012

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395844.18   | 3816744.61  | 10.64706   | (18091516) | 395832.24   |
| 3816723.86  | 10.76151    | (18091516) |            |             |
| 395901.69   | 3816794.39  | 10.28320   | (16010524) | 395889.75   |
| 3816773.64  | 10.25405    | (17032216) |            |             |
| 395877.80   | 3816752.89  | 10.15587   | (18091516) | 395865.85   |
| 3816732.13  | 10.33301    | (18091516) |            |             |
| 395853.90   | 3816711.38  | 10.16236   | (18091516) | 395933.08   |
| 3816748.69  | 9.57672     | (18091516) |            |             |
| 395921.13   | 3816727.94  | 9.47154    | (18091516) | 395909.18   |
| 3816707.19  | 9.10562     | (18091516) |            |             |
| 395897.23   | 3816686.43  | 9.54994    | (17031824) | 395964.46   |
| 3816702.99  | 10.18057    | (17031824) |            |             |
| 395952.51   | 3816682.24  | 10.94960   | (17031824) | 395940.56   |
| 3816661.48  | 11.36759    | (17031824) |            |             |
| 396055.58   | 3816761.05  | 8.21590    | (18091516) | 396007.79   |
| 3816678.04  | 12.90013    | (17031824) |            |             |

|            |                      |          |            |           |
|------------|----------------------|----------|------------|-----------|
| 395995.84  | 3816657.29           | 12.95593 | (17031824) | 395983.89 |
| 3816636.54 | 12.71922m (20100724) |          |            |           |
| 396086.97  | 3816715.35           | 11.11602 | (17031824) | 396039.17 |
| 3816632.34 | 14.61170m (20100724) |          |            |           |
| 396027.22  | 3816611.59           | 14.69285 | (19113024) | 396142.25 |
| 3816711.15 | 11.87515m (20100724) |          |            |           |
| 396094.45  | 3816628.14           | 17.67385 | (19113024) | 396070.56 |
| 3816586.64 | 17.02853 (19113024)  |          |            |           |
| 396228.91  | 3816661.25           | 21.84851 | (19113024) | 396216.96 |
| 3816640.50 | 24.14857 (19113024)  |          |            |           |
| 396157.22  | 3816536.74           | 17.88122 | (19122208) | 396315.57 |
| 3816611.35 | 27.57944 (19113024)  |          |            |           |
| 396303.62  | 3816590.60           | 24.97728 | (19113024) | 396291.67 |
| 3816569.85 | 23.29966 (19120124)  |          |            |           |
| 396402.23  | 3816561.45           | 29.23003 | (19120124) | 396366.38 |
| 3816499.20 | 25.58199 (20102908)  |          |            |           |
| 396453.05  | 3816449.30           | 18.77468 | (20112808) | 396756.36 |
| 3816274.66 | 23.13832 (16122808)  |          |            |           |
| 397008.86  | 3816212.17           | 30.96689 | (18111908) | 396996.91 |
| 3816191.42 | 38.49560 (18111908)  |          |            |           |
| 396984.96  | 3816170.67           | 34.84500 | (18111908) | 396973.02 |
| 3816149.92 | 26.95637 (18111908)  |          |            |           |
| 396961.07  | 3816129.16           | 29.65541 | (17121908) | 396949.12 |
| 3816108.41 | 32.49747 (17121908)  |          |            |           |
| 396937.17  | 3816087.66           | 35.09569 | (17121908) | 397225.51 |
| 3816087.43 | 24.41240 (17121908)  |          |            |           |
| 397213.57  | 3816066.67           | 26.48658 | (17121908) | 397201.62 |
| 3816045.92 | 28.66634 (17121908)  |          |            |           |
| 397189.67  | 3816025.17           | 30.48678 | (17121908) | 397177.72 |
| 3816004.42 | 31.31270 (17121908)  |          |            |           |
| 397165.77  | 3815983.67           | 30.36347 | (17121908) | 397153.82 |
| 3815962.92 | 27.42462 (17121908)  |          |            |           |
| 397442.17  | 3815962.68           | 27.90197 | (17121908) | 397430.22 |
| 3815941.93 | 27.33883 (17121908)  |          |            |           |
| 397418.27  | 3815921.18           | 25.43078 | (17121908) | 397406.32 |
| 3815900.43 | 22.26201 (17121908)  |          |            |           |
| 397394.37  | 3815879.68           | 22.21939 | (16122724) | 397382.43 |
| 3815858.92 | 23.63899 (19112408)  |          |            |           |
| 397370.48  | 3815838.17           | 25.82494 | (16021524) | 397875.48 |
| 3815713.19 | 21.17356 (16021524)  |          |            |           |
| 397863.53  | 3815692.44           | 23.19425 | (16021524) | 397851.58 |
| 3815671.69 | 24.39046 (16021524)  |          |            |           |
| 397839.63  | 3815650.94           | 24.58029 | (16021524) | 397827.68 |
| 3815630.19 | 23.68818 (16021524)  |          |            |           |
| 397815.73  | 3815609.44           | 21.77514 | (16021524) | 397803.79 |
| 3815588.68 | 19.53785 (16101124)  |          |            |           |
| 398308.78  | 3815463.71           | 17.24546 | (16021524) | 398296.83 |
| 3815442.95 | 15.66251 (16101124)  |          |            |           |
| 398284.89  | 3815422.20           | 14.98356 | (18041808) | 398272.94 |
| 3815401.45 | 14.53635 (19103108)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398260.99  | 3815380.70 | 14.78981   | (19103108) | 398249.04 |
| 3815359.95 | 14.34595   | (19103108) |            |           |
| 398237.09  | 3815339.20 | 13.69225   | (18120408) | 398742.09 |
| 3815214.22 | 12.37115   | (19103108) |            |           |
| 398730.14  | 3815193.46 | 11.72503   | (19103108) | 398718.19 |
| 3815172.71 | 11.69199   | (18120408) |            |           |
| 398706.25  | 3815151.96 | 11.50910   | (18120408) | 398694.30 |
| 3815131.21 | 10.90504   | (18120408) |            |           |
| 398682.35  | 3815110.46 | 11.11730   | (18021608) | 398670.40 |
| 3815089.71 | 12.16183   | (20122108) |            |           |
| 399175.40  | 3814964.73 | 9.44154    | (18021608) | 399163.45 |
| 3814943.98 | 9.60235    | (18021608) |            |           |
| 399151.50  | 3814923.22 | 10.43292   | (20122108) | 399139.55 |
| 3814902.47 | 11.06742   | (20122108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1013

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399127.61   | 3814881.72  | 11.38029   | (20122108) | 399115.66   |
| 3814860.97  | 11.34136    | (20122108) |            |             |
| 399103.71   | 3814840.22  | 10.95244   | (20122108) | 400330.89   |
| 3814299.43  | 8.32780     | (17121508) |            |             |
| 400318.94   | 3814278.67  | 8.47286    | (20010308) | 400306.99   |
| 3814257.92  | 8.69525     | (20010308) |            |             |
| 400295.04   | 3814237.17  | 8.76627    | (20010308) | 400283.09   |
| 3814216.42  | 8.67980     | (20010308) |            |             |
| 400271.14   | 3814195.67  | 8.43871    | (20010308) | 400259.20   |
| 3814174.92  | 8.05466     | (20010308) |            |             |
| 401486.37   | 3813634.12  | 5.78942    | (20010308) | 401474.42   |
| 3813613.37  | 5.40752     | (20010308) |            |             |
| 401462.48   | 3813592.62  | 5.74295    | (17101308) | 401450.53   |
| 3813571.87  | 6.03329     | (17101308) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401438.58  | 3813551.12          | 6.25059  | (17101308) | 401426.63 |
| 3813530.36 | 6.38595 (17101308)  |          |            |           |
| 401414.68  | 3813509.61          | 6.43354  | (17101308) | 402641.86 |
| 3812968.82 | 5.20582 (17101308)  |          |            |           |
| 402629.91  | 3812948.07          | 5.19236  | (17101308) | 402617.96 |
| 3812927.32 | 5.29127 (17120924)  |          |            |           |
| 402606.01  | 3812906.56          | 5.42702  | (17120924) | 402594.07 |
| 3812885.81 | 5.53062 (17120924)  |          |            |           |
| 402582.12  | 3812865.06          | 5.60069  | (17120924) | 402570.17 |
| 3812844.31 | 5.63616 (17120924)  |          |            |           |
| 403797.35  | 3812303.52          | 4.63136  | (17120924) | 403785.40 |
| 3812282.77 | 4.65804 (17120924)  |          |            |           |
| 403773.45  | 3812262.01          | 4.66283  | (17120924) | 403761.50 |
| 3812241.26 | 4.64567 (17120924)  |          |            |           |
| 403749.55  | 3812220.51          | 4.60667  | (17120924) | 403737.60 |
| 3812199.76 | 4.71592 (17091008)  |          |            |           |
| 403725.66  | 3812179.01          | 4.84301  | (17091008) | 404952.83 |
| 3811638.21 | 3.93036 (17091008)  |          |            |           |
| 404940.88  | 3811617.46          | 4.04476  | (17091008) | 404928.94 |
| 3811596.71 | 4.13600 (17091008)  |          |            |           |
| 404916.99  | 3811575.96          | 4.20241  | (17091008) | 404905.04 |
| 3811555.21 | 4.24270 (17091008)  |          |            |           |
| 404893.09  | 3811534.46          | 4.25606  | (17091008) | 404881.14 |
| 3811513.70 | 4.24223 (17091008)  |          |            |           |
| 406108.32  | 3810972.91          | 3.67551  | (17091008) | 406096.37 |
| 3810952.16 | 3.68836 (17091008)  |          |            |           |
| 406084.42  | 3810931.41          | 3.68193  | (17091008) | 406072.47 |
| 3810910.66 | 3.65632 (17091008)  |          |            |           |
| 406060.53  | 3810889.90          | 3.61189  | (17091008) | 406048.58 |
| 3810869.15 | 3.54937 (17091008)  |          |            |           |
| 406036.63  | 3810848.40          | 3.46967  | (17091008) | 395769.99 |
| 3816709.70 | 12.04494 (18091516) |          |            |           |
| 395760.12  | 3816689.38          | 11.93983 | (18091516) | 395750.25 |
| 3816669.05 | 11.30166 (18091516) |          |            |           |
| 395740.38  | 3816648.72          | 10.27845 | (18091516) | 395792.48 |
| 3816698.79 | 11.21446 (18091516) |          |            |           |
| 395782.61  | 3816678.46          | 10.70102 | (18091516) | 395772.74 |
| 3816658.13 | 9.80609 (18091516)  |          |            |           |
| 395762.87  | 3816637.80          | 10.09293 | (16051516) | 395814.97 |
| 3816687.87 | 10.21882 (18091516) |          |            |           |
| 395805.10  | 3816667.54          | 9.53033  | (18091516) | 395795.23 |
| 3816647.21 | 9.68644 (16051516)  |          |            |           |
| 395785.36  | 3816626.88          | 10.42315 | (16051516) | 395837.46 |
| 3816676.95 | 9.24974 (18091516)  |          |            |           |
| 395827.59  | 3816656.62          | 9.71549  | (17031824) | 395817.72 |
| 3816636.29 | 10.06879 (16051516) |          |            |           |
| 395807.85  | 3816615.96          | 10.53110 | (16051516) | 395882.44 |
| 3816655.11 | 10.17895 (17031824) |          |            |           |
| 395872.57  | 3816634.78          | 9.91774  | (16051516) | 395862.70 |
| 3816614.45 | 10.21549 (16051516) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395852.83  | 3816594.12 | 10.13270   | (16051516) | 395927.41 |
| 3816633.27 | 10.88527   | (17031824) |            |           |
| 395917.54  | 3816612.94 | 10.28255   | (16051516) | 395907.67 |
| 3816592.61 | 10.06375   | (16051516) |            |           |
| 395897.80  | 3816572.28 | 10.63391   | (20010208) | 395972.39 |
| 3816611.43 | 11.55687m  | (20100724) |            |           |
| 395962.52  | 3816591.10 | 12.53907   | (20010208) | 395952.65 |
| 3816570.77 | 12.92902   | (20010208) |            |           |
| 395942.78  | 3816550.45 | 12.65711   | (20010208) | 396017.37 |
| 3816589.59 | 14.78172   | (19113024) |            |           |
| 396007.50  | 3816569.26 | 13.61151   | (20010208) | 395997.63 |
| 3816548.94 | 13.07686   | (20010208) |            |           |
| 395987.76  | 3816528.61 | 12.72074   | (20050124) | 396052.48 |
| 3816547.42 | 14.63375   | (19122208) |            |           |
| 396042.61  | 3816527.10 | 13.36494   | (19122208) | 396032.74 |
| 3816506.77 | 11.37457   | (20050124) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1014

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396142.44   | 3816503.75  | 11.94661c  | (20122924) | 396132.57   |
| 3816483.42  | 11.90808c   | (20122924) |            |             |
| 396122.70   | 3816463.09  | 11.99976c  | (20122924) | 396252.13   |
| 3816500.73  | 17.32418    | (20102908) |            |             |
| 396232.39   | 3816460.07  | 16.43005   | (20112808) | 396222.52   |
| 3816439.74  | 11.98539c   | (20122924) |            |             |
| 396212.65   | 3816419.41  | 9.16560c   | (20122924) | 396322.35   |
| 3816416.39  | 8.41522c    | (20122924) |            |             |
| 396312.48   | 3816396.06  | 7.67786    | (20032824) | 396302.61   |
| 3816375.74  | 7.27405     | (20032824) |            |             |
| 396432.05   | 3816413.37  | 8.95795c   | (20122924) | 396392.57   |
| 3816332.06  | 8.15021m    | (17021808) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396482.53  | 3816288.38 | 8.61010m   | (17021808) | 396717.29 |
| 3816199.52 | 22.28482   | (18111908) |            |           |
| 398331.02  | 3815516.47 | 20.27071   | (16021524) | 398321.15 |
| 3815496.14 | 19.53147   | (16021524) |            |           |
| 398780.80  | 3815298.08 | 12.96059   | (18041808) | 398770.93 |
| 3815277.76 | 12.72061   | (18041808) |            |           |
| 398761.06  | 3815257.43 | 12.31906   | (19103108) | 398751.19 |
| 3815237.10 | 12.58162   | (19103108) |            |           |
| 399230.59  | 3815079.70 | 10.88190   | (19103108) | 399220.72 |
| 3815059.37 | 10.62971   | (19103108) |            |           |
| 399210.85  | 3815039.04 | 10.09785   | (19103108) | 399200.98 |
| 3815018.71 | 10.11135   | (18120408) |            |           |
| 399191.11  | 3814998.38 | 10.02662   | (18120408) | 400430.02 |
| 3814497.33 | 7.08689    | (20122108) |            |           |
| 400420.15  | 3814477.00 | 7.56157    | (20122108) | 400410.28 |
| 3814456.67 | 7.92632    | (20122108) |            |           |
| 400400.41  | 3814436.35 | 8.16234    | (20122108) | 400390.54 |
| 3814416.02 | 8.25724    | (20122108) |            |           |
| 400380.67  | 3814395.69 | 8.20559    | (20122108) | 401629.44 |
| 3813914.96 | 6.23425    | (20122108) |            |           |
| 401619.57  | 3813894.63 | 6.04868    | (20122108) | 401609.70 |
| 3813874.31 | 6.17350    | (17121508) |            |           |
| 401599.83  | 3813853.98 | 6.31018    | (17121508) | 401589.96 |
| 3813833.65 | 6.37959    | (17121508) |            |           |
| 401580.09  | 3813813.32 | 6.38057    | (17121508) | 402828.87 |
| 3813332.60 | 5.14012    | (17121508) |            |           |
| 402819.00  | 3813312.27 | 5.12782    | (20010308) | 402809.13 |
| 3813291.94 | 5.26419    | (20010308) |            |           |
| 402799.26  | 3813271.61 | 5.36061    | (20010308) | 402789.39 |
| 3813251.28 | 5.41425    | (20010308) |            |           |
| 402779.52  | 3813230.96 | 5.42337    | (20010308) | 404028.30 |
| 3812750.23 | 4.50600    | (20010308) |            |           |
| 404018.43  | 3812729.90 | 4.50951    | (20010308) | 404008.56 |
| 3812709.57 | 4.48402    | (20010308) |            |           |
| 403998.69  | 3812689.25 | 4.42987    | (20010308) | 403988.82 |
| 3812668.92 | 4.34791    | (20010308) |            |           |
| 403978.95  | 3812648.59 | 4.23963    | (20010308) | 405227.73 |
| 3812167.86 | 3.72403    | (20010308) |            |           |
| 405217.86  | 3812147.53 | 3.64830    | (20010308) | 405207.99 |
| 3812127.21 | 3.55548    | (20010308) |            |           |
| 405198.12  | 3812106.88 | 3.44685    | (20010308) | 405188.25 |
| 3812086.55 | 3.32401    | (20010308) |            |           |
| 405178.38  | 3812066.22 | 3.18872    | (20010308) | 406427.15 |
| 3811585.50 | 2.94985    | (20010308) |            |           |
| 406417.28  | 3811565.17 | 2.85023    | (20010308) | 406407.41 |
| 3811544.84 | 2.74212    | (20010308) |            |           |
| 406397.54  | 3811524.51 | 2.62676    | (20010308) | 406387.67 |
| 3811504.18 | 2.72503    | (17101308) |            |           |
| 406377.80  | 3811483.86 | 2.82780    | (17101308) | 395715.11 |
| 3816625.22 | 10.74469   | (16051516) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395696.60  | 3816610.24 | 11.49013   | (16051516) | 395678.09 |
| 3816595.25 | 11.93430   | (16051516) |            |           |
| 395659.57  | 3816580.26 | 12.30012   | (16051516) | 395641.06 |
| 3816565.28 | 12.14163   | (16051516) |            |           |
| 395622.55  | 3816550.29 | 11.89286   | (16051516) | 395604.04 |
| 3816535.31 | 11.05570   | (16051516) |            |           |
| 395585.53  | 3816520.32 | 11.28576   | (20050124) | 395567.02 |
| 3816505.33 | 12.27302   | (20050124) |            |           |
| 395548.50  | 3816490.35 | 13.17744   | (20050124) | 395529.99 |
| 3816475.36 | 12.85446   | (20050124) |            |           |
| 395511.48  | 3816460.38 | 13.10344   | (20051424) | 395492.97 |
| 3816445.39 | 13.20386   | (20051424) |            |           |
| 395730.84  | 3816605.79 | 11.21000   | (16051516) | 395712.33 |
| 3816590.81 | 11.48262   | (16051516) |            |           |
| 395693.82  | 3816575.82 | 11.52131   | (16051516) | 395675.30 |
| 3816560.83 | 11.25982   | (16051516) |            |           |
| 395656.79  | 3816545.85 | 10.68507   | (16051516) | 395638.28 |
| 3816530.86 | 10.57361   | (20050124) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1015

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395619.77   | 3816515.88  | 11.87733   | (20050124) | 395601.26   |
| 3816500.89  | 12.70575    | (20050124) |            |             |
| 395582.75   | 3816485.90  | 12.95378   | (20050124) | 395564.24   |
| 3816470.92  | 12.43179    | (20050124) |            |             |
| 395545.72   | 3816455.93  | 12.90770   | (20051424) | 395527.21   |
| 3816440.94  | 12.79366    | (20051424) |            |             |
| 395508.70   | 3816425.96  | 11.86397   | (20051424) | 395765.08   |
| 3816601.35  | 10.91034    | (16051516) |            |             |
| 395746.57   | 3816586.36  | 10.97797   | (16051516) | 395728.06   |
| 3816571.38  | 10.79506    | (16051516) |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3816541.40 | 395709.55 | 3816556.39          | 10.33211 | (16051516) | 395691.03 |
|            |           | 10.01598 (20050124) |          |            |           |
|            | 395672.52 | 3816526.42          | 11.30681 | (20050124) | 395654.01 |
| 3816511.43 |           | 12.29593 (20050124) |          |            |           |
|            | 395635.50 | 3816496.44          | 12.80852 | (20050124) | 395616.99 |
| 3816481.46 |           | 12.73876 (20050124) |          |            |           |
|            | 395598.48 | 3816466.47          | 12.53822 | (20051424) | 395579.97 |
| 3816451.49 |           | 12.88471 (20051424) |          |            |           |
|            | 395561.45 | 3816436.50          | 12.52006 | (20051424) | 395542.94 |
| 3816421.51 |           | 11.35059 (20051424) |          |            |           |
|            | 395524.43 | 3816406.53          | 10.68941 | (19052124) | 395780.81 |
| 3816581.92 |           | 10.39696 (16051516) |          |            |           |
|            | 395762.30 | 3816566.93          | 9.97180  | (16051516) | 395743.79 |
| 3816551.94 |           | 9.44741 (20050124)  |          |            |           |
|            | 395725.28 | 3816536.96          | 10.69748 | (20050124) | 395706.77 |
| 3816521.97 |           | 11.72207 (20050124) |          |            |           |
|            | 395688.25 | 3816506.99          | 12.36860 | (20050124) | 395669.74 |
| 3816492.00 |           | 12.55400 (20050124) |          |            |           |
|            | 395651.23 | 3816477.01          | 12.18809 | (20050124) | 395632.72 |
| 3816462.03 |           | 12.41474 (20051424) |          |            |           |
|            | 395614.21 | 3816447.04          | 12.56078 | (20051424) | 395595.70 |
| 3816432.06 |           | 12.03651 (20051424) |          |            |           |
|            | 395577.18 | 3816417.07          | 10.79009 | (20051424) | 395558.67 |
| 3816402.08 |           | 10.87203 (19052124) |          |            |           |
|            | 395540.16 | 3816387.10          | 11.89932 | (16013124) | 395825.79 |
| 3816560.08 |           | 10.06752 (20050124) |          |            |           |
|            | 395793.76 | 3816528.07          | 11.96170 | (20050124) | 395775.25 |
| 3816513.08 |           | 12.36579 (20050124) |          |            |           |
|            | 395756.74 | 3816498.10          | 12.40675 | (20050124) | 395738.23 |
| 3816483.11 |           | 12.02748 (20050124) |          |            |           |
|            | 395719.71 | 3816468.12          | 11.89409 | (20051424) | 395701.20 |
| 3816453.14 |           | 12.06155 (20051424) |          |            |           |
|            | 395682.69 | 3816438.15          | 11.68257 | (20051424) | 395664.18 |
| 3816423.17 |           | 10.79914 (20051424) |          |            |           |
|            | 395645.67 | 3816408.18          | 10.79715 | (19052124) | 395627.16 |
| 3816393.19 |           | 10.77955 (19052124) |          |            |           |
|            | 395608.65 | 3816378.21          | 11.43190 | (16013124) | 395590.13 |
| 3816363.22 |           | 11.82837 (16013124) |          |            |           |
|            | 395571.62 | 3816348.24          | 11.43788 | (16013124) | 395857.25 |
| 3816521.22 |           | 13.59082 (20050124) |          |            |           |
|            | 395825.22 | 3816489.21          | 13.15996 | (20050124) | 395806.71 |
| 3816474.22 |           | 12.49950 (20051424) |          |            |           |
|            | 395788.20 | 3816459.24          | 12.73235 | (20051424) | 395769.69 |
| 3816444.25 |           | 12.54511 (20051424) |          |            |           |
|            | 395751.18 | 3816429.26          | 11.98038 | (20051424) | 395732.66 |
| 3816414.28 |           | 12.04847 (19052124) |          |            |           |
|            | 395714.15 | 3816399.29          | 12.49252 | (19052124) | 395695.64 |
| 3816384.30 |           | 12.03481 (19052124) |          |            |           |
|            | 395677.13 | 3816369.32          | 12.02861 | (16013124) | 395658.62 |
| 3816354.33 |           | 12.04894 (16013124) |          |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 395640.11                                                                | 3816339.35 | 11.42397   | (20051416) | 395621.59 |
| 3816324.36                                                               | 12.43905   | (16122416) |            |           |
| 395603.08                                                                | 3816309.37 | 14.08863   | (16122416) | 395888.71 |
| 3816482.35                                                               | 12.78873   | (20050124) |            |           |
| 395915.75                                                                | 3816516.40 | 13.50478   | (20050124) | 395856.68 |
| 3816450.35                                                               | 12.76153   | (20051424) |            |           |
| 395838.17                                                                | 3816435.36 | 12.37562   | (20051424) | 395819.66 |
| 3816420.37                                                               | 12.44397   | (19052124) |            |           |
| 395801.15                                                                | 3816405.39 | 13.39881   | (19052124) | 395782.64 |
| 3816390.40                                                               | 13.73869   | (19052124) |            |           |
| 395764.12                                                                | 3816375.42 | 13.49316   | (19052124) | 395745.61 |
| 3816360.43                                                               | 13.46622   | (20010824) |            |           |
| 395727.10                                                                | 3816345.44 | 13.68342   | (19090824) | 395708.59 |
| 3816330.46                                                               | 13.18056   | (19052208) |            |           |
| 395690.08                                                                | 3816315.47 | 13.67277   | (16122416) | 395671.57 |
| 3816300.48                                                               | 14.55540   | (16122416) |            |           |
| 395653.06                                                                | 3816285.50 | 15.11256   | (16122416) | 395634.54 |
| 3816270.51                                                               | 16.80462   | (20121416) |            |           |
| 395920.17                                                                | 3816443.49 | 12.14626c  | (20122924) | 395947.21 |
| 3816477.54                                                               | 11.59399   | (20051424) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study                                                                    | ***        | 02/10/26   |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
|                                                                          | ***        | 17:54:19   |            |           |

PAGE 1016

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395888.14   | 3816411.48  | 12.06641   | (19052124) | 395869.63   |
| 3816396.50  | 12.67315    | (19052124) |            |             |
| 395851.12   | 3816381.51  | 12.74571   | (19052124) | 395832.61   |
| 3816366.53  | 12.46696    | (20010824) |            |             |
| 395814.10   | 3816351.54  | 12.58165   | (19090824) | 395795.58   |
| 3816336.55  | 12.82122    | (19090824) |            |             |
| 395777.07   | 3816321.57  | 12.88706   | (19052208) | 395758.56   |
| 3816306.58  | 13.05659    | (20122624) |            |             |

|            |                     |           |            |           |
|------------|---------------------|-----------|------------|-----------|
| 395740.05  | 3816291.59          | 14.05583  | (16122416) | 395721.54 |
| 3816276.61 | 14.79618 (20121416) |           |            |           |
| 395703.03  | 3816261.62          | 16.10318  | (20121416) | 395684.52 |
| 3816246.64 | 16.83689 (20121416) |           |            |           |
| 395666.00  | 3816231.65          | 17.14653  | (18012008) | 395951.63 |
| 3816404.63 | 10.54243 (19052124) |           |            |           |
| 395978.67  | 3816438.68          | 9.84069   | (20051424) | 396005.70 |
| 3816472.72 | 10.36990 (20051424) |           |            |           |
| 395919.60  | 3816372.62          | 11.21282  | (19052124) | 395901.09 |
| 3816357.64 | 11.48316 (20010824) |           |            |           |
| 395882.58  | 3816342.65          | 11.73912  | (19090824) | 395864.07 |
| 3816327.66 | 12.15685 (19052208) |           |            |           |
| 395845.56  | 3816312.68          | 12.35713  | (19052208) | 395827.05 |
| 3816297.69 | 12.43384 (20122624) |           |            |           |
| 395808.53  | 3816282.71          | 12.93564  | (16122416) | 395790.02 |
| 3816267.72 | 13.66945 (20121416) |           |            |           |
| 395771.51  | 3816252.73          | 14.37768  | (20121416) | 395753.00 |
| 3816237.75 | 14.36114 (20121416) |           |            |           |
| 395734.49  | 3816222.76          | 13.79563  | (20121416) | 395715.98 |
| 3816207.77 | 13.17546 (18012008) |           |            |           |
| 395697.46  | 3816192.79          | 13.47146  | (20122616) | 396014.55 |
| 3816326.91 | 8.71486 (19090824)  |           |            |           |
| 396041.59  | 3816360.95          | 8.83290   | (19052124) | 396068.63 |
| 3816395.00 | 9.62394 (19052124)  |           |            |           |
| 396095.66  | 3816429.05          | 12.34046c | (20122924) | 395982.52 |
| 3816294.90 | 9.04285 (19052208)  |           |            |           |
| 395964.01  | 3816279.91          | 9.26987   | (20122624) | 395945.50 |
| 3816264.93 | 9.71715 (16122416)  |           |            |           |
| 395926.99  | 3816249.94          | 10.51564  | (20121416) | 395908.48 |
| 3816234.95 | 11.43212 (20121416) |           |            |           |
| 395889.97  | 3816219.97          | 11.95714  | (20121416) | 395871.46 |
| 3816204.98 | 12.04218 (20121416) |           |            |           |
| 395852.94  | 3816190.00          | 12.08680  | (18012008) | 395834.43 |
| 3816175.01 | 11.85320 (18012008) |           |            |           |
| 395815.92  | 3816160.02          | 11.85385  | (20122616) | 395797.41 |
| 3816145.04 | 12.06210 (20122616) |           |            |           |
| 395778.90  | 3816130.05          | 11.63288  | (17042008) | 395760.39 |
| 3816115.07 | 11.70370 (17022316) |           |            |           |
| 396077.48  | 3816249.19          | 8.69272   | (20121116) | 396104.51 |
| 3816283.23 | 8.36811 (19052208)  |           |            |           |
| 396131.55  | 3816317.28          | 7.88492   | (19090824) | 396158.58 |
| 3816351.32 | 7.73048 (20010824)  |           |            |           |
| 396185.62  | 3816385.37          | 8.02557   | (19052124) | 396045.45 |
| 3816217.18 | 10.10397 (20121416) |           |            |           |
| 396026.93  | 3816202.19          | 10.67353  | (20121416) | 396008.42 |
| 3816187.20 | 10.93643 (20121416) |           |            |           |
| 395989.91  | 3816172.22          | 11.14846  | (18012008) | 395971.40 |
| 3816157.23 | 11.35275 (18012008) |           |            |           |
| 395952.89  | 3816142.25          | 11.22169  | (18012008) | 395934.38 |
| 3816127.26 | 10.82698 (20122616) |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395915.87  | 3816112.27 | 11.13645   | (16012408) | 395897.35 |
| 3816097.29 | 10.84810   | (16012408) |            |           |
| 395878.84  | 3816082.30 | 10.85924   | (17022316) | 395860.33 |
| 3816067.31 | 11.58539   | (18040808) |            |           |
| 395841.82  | 3816052.33 | 12.43097   | (18040808) | 395823.31 |
| 3816037.34 | 12.45173   | (18040808) |            |           |
| 396141.52  | 3816172.88 | 9.90630    | (20121416) | 396156.17 |
| 3816191.32 | 9.39776    | (20121416) |            |           |
| 396170.81  | 3816209.76 | 8.73197c   | (16030908) | 396185.46 |
| 3816228.20 | 8.08729    | (20121116) |            |           |
| 396200.10  | 3816246.65 | 7.91038    | (19111924) | 396214.75 |
| 3816265.09 | 8.01794    | (19111924) |            |           |
| 396229.39  | 3816283.53 | 7.75719    | (19111924) | 396244.03 |
| 3816301.97 | 7.43501    | (19052208) |            |           |
| 396258.68  | 3816320.41 | 7.26789    | (16122408) | 396273.32 |
| 3816338.85 | 7.42559    | (16122408) |            |           |
| 396287.97  | 3816357.29 | 7.27218    | (16122408) | 396126.88 |
| 3816154.44 | 10.26345   | (18012008) |            |           |
| 396108.37  | 3816139.45 | 10.71277   | (18012008) | 396089.86 |
| 3816124.47 | 10.90136   | (18012008) |            |           |
| 396071.34  | 3816109.48 | 10.77259   | (18012008) | 396052.83 |
| 3816094.49 | 10.31997   | (16012408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1017

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396034.32   | 3816079.51  | 10.65878   | (16012408) | 396015.81   |
| 3816064.52  | 10.50479    | (16012408) |            |             |
| 395997.30   | 3816049.54  | 9.88141    | (16012408) | 395978.79   |
| 3816034.55  | 10.49504    | (17022316) |            |             |
| 395960.28   | 3816019.56  | 11.27596   | (18040808) | 395941.76   |
| 3816004.58  | 11.86680    | (18040808) |            |             |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3815974.61 | 395923.25 | 3815989.59 | 11.85163   | (18040808) | 395904.74 |
|            |           | 12.02342   | (18122524) |            |           |
|            | 395886.23 | 3815959.62 | 12.25108   | (18122524) | 396204.28 |
| 3816094.95 | 10.70079  | (18012008) |            |            |           |
|            | 396218.77 | 3816113.19 | 10.46332   | (18012008) | 396233.25 |
| 3816131.43 | 9.88123   | (18012008) |            |            |           |
|            | 396247.73 | 3816149.67 | 9.26294    | (20121416) | 396262.22 |
| 3816167.91 | 8.85199c  | (16030908) |            |            |           |
|            | 396276.70 | 3816186.15 | 8.58511c   | (16030908) | 396291.18 |
| 3816204.39 | 8.03378c  | (16030908) |            |            |           |
|            | 396305.67 | 3816222.63 | 7.78712    | (19111924) | 396320.15 |
| 3816240.86 | 8.12022   | (19111924) |            |            |           |
|            | 396334.63 | 3816259.10 | 8.12904    | (19111924) | 396349.12 |
| 3816277.34 | 7.80378   | (19111924) |            |            |           |
|            | 396363.60 | 3816295.58 | 7.16819    | (19111924) | 396378.08 |
| 3816313.82 | 7.80801m  | (17021808) |            |            |           |
|            | 396189.80 | 3816076.72 | 10.60690   | (18012008) | 396171.29 |
| 3816061.73 | 10.35460  | (18012008) |            |            |           |
|            | 396152.78 | 3816046.74 | 10.70059   | (16012408) | 396134.27 |
| 3816031.76 | 10.50240  | (16012408) |            |            |           |
|            | 396115.75 | 3816016.77 | 10.60677   | (18012908) | 396097.24 |
| 3816001.79 | 12.23600  | (16092608) |            |            |           |
|            | 396078.73 | 3815986.80 | 14.89363   | (16092608) | 396060.22 |
| 3815971.81 | 15.01585  | (16092608) |            |            |           |
|            | 396041.71 | 3815956.83 | 13.26173   | (16092608) | 396023.20 |
| 3815941.84 | 12.16537  | (16092608) |            |            |           |
|            | 396004.69 | 3815926.85 | 11.03653   | (18122524) | 395986.17 |
| 3815911.87 | 10.95934  | (18122524) |            |            |           |
|            | 395967.66 | 3815896.88 | 12.67506   | (18111208) | 395949.15 |
| 3815881.90 | 20.12125  | (18111208) |            |            |           |
|            | 396267.08 | 3816017.08 | 20.33371   | (16101124) | 396281.45 |
| 3816035.17 | 23.03350  | (16101124) |            |            |           |
|            | 396295.81 | 3816053.25 | 28.05670   | (16101124) | 396310.17 |
| 3816071.34 | 22.38156  | (16021524) |            |            |           |
|            | 396324.54 | 3816089.43 | 16.53500   | (18011308) | 396338.90 |
| 3816107.51 | 15.86939  | (16111824) |            |            |           |
|            | 396353.26 | 3816125.60 | 15.80166   | (17121908) | 396367.62 |
| 3816143.69 | 12.15067  | (16111824) |            |            |           |
|            | 396381.99 | 3816161.77 | 9.72879    | (16111824) | 396396.35 |
| 3816179.86 | 8.43333   | (16111824) |            |            |           |
|            | 396410.71 | 3816197.95 | 7.61974    | (19111924) | 396425.07 |
| 3816216.03 | 8.12586   | (19111924) |            |            |           |
|            | 396439.44 | 3816234.12 | 8.35705    | (19111924) | 396453.80 |
| 3816252.21 | 8.27217   | (19111924) |            |            |           |
|            | 396468.16 | 3816270.29 | 7.86759    | (19111924) | 396252.72 |
| 3815998.99 | 20.30098  | (17100624) |            |            |           |
|            | 396234.21 | 3815984.01 | 20.41179   | (17100624) | 396215.70 |
| 3815969.02 | 17.30720  | (16092608) |            |            |           |
|            | 396197.19 | 3815954.03 | 20.27594   | (16092608) | 396178.68 |
| 3815939.05 | 24.66368  | (16092608) |            |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396160.16  | 3815924.06 | 26.91449   | (16092608) | 396141.65 |
| 3815909.08 | 25.18346   | (16092608) |            |           |
| 396123.14  | 3815894.09 | 20.04977   | (16092608) | 396104.63 |
| 3815879.10 | 17.33174   | (20121308) |            |           |
| 396086.12  | 3815864.12 | 14.25844   | (20121308) | 396067.61 |
| 3815849.13 | 13.07756   | (18111208) |            |           |
| 396049.09  | 3815834.15 | 16.09998   | (18111208) | 396030.58 |
| 3815819.16 | 20.03510   | (18111208) |            |           |
| 396012.07  | 3815804.17 | 23.96113   | (18111208) | 396424.19 |
| 3815822.52 | 39.48759   | (17121508) |            |           |
| 396438.35  | 3815840.35 | 36.05562   | (17121508) | 396452.51 |
| 3815858.19 | 35.14453   | (20122108) |            |           |
| 396466.67  | 3815876.02 | 30.87238   | (18021608) | 396480.83 |
| 3815893.85 | 32.13255   | (18120408) |            |           |
| 396494.99  | 3815911.69 | 33.43805   | (19103108) | 396509.16 |
| 3815929.52 | 33.74918   | (19103108) |            |           |
| 396523.32  | 3815947.35 | 37.91889   | (16101124) | 396537.48 |
| 3815965.19 | 43.69648   | (16021524) |            |           |
| 396551.64  | 3815983.02 | 47.79635   | (16021524) | 396565.80 |
| 3816000.85 | 47.03584   | (16021524) |            |           |
| 396579.96  | 3816018.69 | 41.94543   | (16021524) | 396594.13 |
| 3816036.52 | 36.60496   | (19112408) |            |           |
| 396608.29  | 3816054.35 | 33.45291   | (16122724) | 396622.45 |
| 3816072.19 | 39.00874   | (17121908) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1018

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396636.61   | 3816090.02  | 37.76418   | (17121908) | 396664.93   |
| 3816125.69  | 29.43564    | (17121908) |            |             |
| 396693.26   | 3816161.35  | 23.10293   | (17121908) | 396410.03   |
| 3815804.68  | 40.95967    | (20010308) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 396391.51  | 3815789.70           | 38.81146  | (20010308) | 396373.00 |
| 3815774.71 | 34.66335 (17101308)  |           |            |           |
| 396354.49  | 3815759.73           | 42.17693  | (17120924) | 396335.98 |
| 3815744.74 | 46.16246 (17120924)  |           |            |           |
| 396317.47  | 3815729.75           | 46.52188  | (17091008) | 396298.96 |
| 3815714.77 | 46.73863 (17091008)  |           |            |           |
| 396280.44  | 3815699.78           | 46.11271  | (18111208) | 396261.93 |
| 3815684.80 | 47.17586 (18111208)  |           |            |           |
| 396243.42  | 3815669.81           | 42.21254  | (18111208) | 396224.91 |
| 3815654.82 | 35.99726m (17102708) |           |            |           |
| 396206.40  | 3815639.84           | 40.81951m | (17102708) | 396187.89 |
| 3815624.85 | 48.49448 (17101508)  |           |            |           |
| 396169.38  | 3815609.86           | 52.25881  | (17101508) | 396581.93 |
| 3815628.76 | 38.43739 (17120924)  |           |            |           |
| 396596.53  | 3815647.15           | 35.91693  | (17120924) | 396611.13 |
| 3815665.53 | 30.47955 (17101308)  |           |            |           |
| 396625.73  | 3815683.92           | 31.26756  | (20010308) | 396640.33 |
| 3815702.30 | 34.57828 (20010308)  |           |            |           |
| 396654.92  | 3815720.68           | 33.86556  | (20010308) | 396669.52 |
| 3815739.07 | 32.74128 (17121508)  |           |            |           |
| 396684.12  | 3815757.45           | 30.85727  | (20122108) | 396698.72 |
| 3815775.84 | 29.55226 (20122108)  |           |            |           |
| 396713.32  | 3815794.22           | 26.26422  | (18021608) | 396727.92 |
| 3815812.61 | 27.48780 (18120408)  |           |            |           |
| 396742.52  | 3815830.99           | 28.34251  | (19103108) | 396757.12 |
| 3815849.38 | 29.24865 (19103108)  |           |            |           |
| 396771.72  | 3815867.76           | 29.70471  | (18041808) | 396786.32 |
| 3815886.15 | 34.96811 (16101124)  |           |            |           |
| 396844.71  | 3815959.69           | 34.67542  | (16021524) | 396873.91 |
| 3815996.45 | 28.86680 (16122724)  |           |            |           |
| 396888.51  | 3816014.84           | 31.81023  | (17121908) | 396903.11 |
| 3816033.22 | 35.58672 (17121908)  |           |            |           |
| 396917.71  | 3816051.61           | 37.07696  | (17121908) | 396567.33 |
| 3815610.38 | 38.49613 (17091008)  |           |            |           |
| 396548.82  | 3815595.39           | 39.19228  | (17091008) | 396530.31 |
| 3815580.40 | 36.57480 (18111208)  |           |            |           |
| 396511.79  | 3815565.42           | 38.98658  | (18111208) | 396493.28 |
| 3815550.43 | 37.75053 (18111208)  |           |            |           |
| 396474.77  | 3815535.45           | 32.94757  | (18111208) | 396456.26 |
| 3815520.46 | 30.95502m (17102708) |           |            |           |
| 396437.75  | 3815505.47           | 37.71259m | (17102708) | 396419.24 |
| 3815490.49 | 39.81601m (17102708) |           |            |           |
| 396400.73  | 3815475.50           | 43.20788  | (17101508) | 396382.21 |
| 3815460.52 | 41.71540 (17101508)  |           |            |           |
| 396363.70  | 3815445.53           | 34.57413  | (17101508) | 396345.19 |
| 3815430.54 | 34.20902 (19120708)  |           |            |           |
| 396326.68  | 3815415.56           | 41.70712  | (19120108) | 396739.05 |
| 3815434.23 | 32.89988 (18111208)  |           |            |           |
| 396753.47  | 3815452.38           | 32.39047  | (18111208) | 396767.89 |
| 3815470.54 | 31.79305 (17091008)  |           |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 396782.31                                                                | 3815488.70 | 33.94689   | (17091008) | 396796.73 |
| 3815506.86                                                               | 32.47136   | (17120924) |            |           |
| 396811.15                                                                | 3815525.01 | 32.96886   | (17120924) | 396825.57 |
| 3815543.17                                                               | 30.96951   | (17120924) |            |           |
| 396839.98                                                                | 3815561.33 | 26.94514   | (17101308) | 396854.40 |
| 3815579.49                                                               | 25.51669   | (20010308) |            |           |
| 396868.82                                                                | 3815597.65 | 29.04602   | (20010308) | 396883.24 |
| 3815615.80                                                               | 30.03026   | (20010308) |            |           |
| 396897.66                                                                | 3815633.96 | 28.87660   | (17121508) | 396912.08 |
| 3815652.12                                                               | 27.77689   | (17121508) |            |           |
| 396926.50                                                                | 3815670.28 | 26.92057   | (20122108) | 396940.92 |
| 3815688.43                                                               | 25.90873   | (20122108) |            |           |
| 396998.59                                                                | 3815761.07 | 25.36311   | (19103108) | 397027.43 |
| 3815797.38                                                               | 26.29909   | (16101124) |            |           |
| 397041.85                                                                | 3815815.54 | 30.21302   | (16101124) | 397056.27 |
| 3815833.70                                                               | 32.64572   | (16021524) |            |           |
| 397070.69                                                                | 3815851.85 | 32.35750   | (16021524) | 397085.11 |
| 3815870.01                                                               | 31.70290   | (16021524) |            |           |
| 397099.53                                                                | 3815888.17 | 29.41285   | (16021524) | 397113.95 |
| 3815906.33                                                               | 25.78683   | (16021524) |            |           |
| 397128.37                                                                | 3815924.48 | 22.59265   | (19112408) | 397142.78 |
| 3815942.64                                                               | 22.98964   | (17121908) |            |           |
| 396724.63                                                                | 3815416.07 | 30.66628   | (18111208) | 396706.12 |
| 3815401.08                                                               | 26.44365   | (18111208) |            |           |
| 396687.61                                                                | 3815386.10 | 26.90860m  | (17102708) | 396669.10 |
| 3815371.11                                                               | 32.04615m  | (17102708) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study *** 02/10/26                                                       |            |            |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
| *** 17:54:19                                                             |            |            |            |           |

PAGE 1019

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 396650.59   | 3815356.12  | 34.13238m  | (17102708) | 396632.07   |
| 3815341.14  | 35.91965    | (17101508) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396613.56  | 3815326.15 | 36.57317   | (17101508) | 396595.05 |
| 3815311.17 | 33.09848   | (17101508) |            |           |
| 396576.54  | 3815296.18 | 28.31412   | (19120708) | 396558.03 |
| 3815281.19 | 29.52402   | (18091824) |            |           |
| 396539.52  | 3815266.21 | 35.76449   | (19120108) | 396521.01 |
| 3815251.22 | 42.40851   | (19120108) |            |           |
| 396502.49  | 3815236.23 | 44.37334   | (19120108) | 396483.98 |
| 3815221.25 | 41.02591   | (17121008) |            |           |
| 396896.65  | 3815240.29 | 27.60047m  | (17102708) | 396911.36 |
| 3815258.81 | 23.27772m  | (17102708) |            |           |
| 396926.07  | 3815277.34 | 22.62462   | (18111208) | 396940.78 |
| 3815295.86 | 26.33132   | (18111208) |            |           |
| 396955.49  | 3815314.38 | 28.42341   | (18111208) | 396970.20 |
| 3815332.91 | 28.48487   | (18111208) |            |           |
| 396984.91  | 3815351.43 | 26.65146   | (18111208) | 396999.62 |
| 3815369.96 | 29.21280   | (17091008) |            |           |
| 397014.33  | 3815388.48 | 29.41565   | (17091008) | 397029.04 |
| 3815407.01 | 28.74579   | (17120924) |            |           |
| 397043.75  | 3815425.53 | 28.44742   | (17120924) | 397058.46 |
| 3815444.06 | 26.36662   | (17120924) |            |           |
| 397073.17  | 3815462.58 | 23.52862   | (17101308) | 397087.88 |
| 3815481.11 | 22.39805   | (20010308) |            |           |
| 397102.59  | 3815499.63 | 25.29858   | (20010308) | 397161.44 |
| 3815573.73 | 23.40588   | (20122108) |            |           |
| 397176.15  | 3815592.26 | 23.55824   | (20122108) | 397190.86 |
| 3815610.78 | 21.76676   | (20122108) |            |           |
| 397205.57  | 3815629.31 | 19.92076   | (18021608) | 397220.28 |
| 3815647.83 | 20.91778   | (18120408) |            |           |
| 397234.99  | 3815666.36 | 20.87949   | (19103108) | 397249.70 |
| 3815684.88 | 22.37258   | (19103108) |            |           |
| 397264.41  | 3815703.41 | 22.10979   | (19103108) | 397279.12 |
| 3815721.93 | 22.86359   | (18041808) |            |           |
| 397293.83  | 3815740.46 | 25.84400   | (16101124) | 397308.54 |
| 3815758.98 | 28.85310   | (16021524) |            |           |
| 397323.25  | 3815777.51 | 30.73354   | (16021524) | 397337.96 |
| 3815796.03 | 30.91957   | (16021524) |            |           |
| 397352.67  | 3815814.56 | 29.48209   | (16021524) | 396881.94 |
| 3815221.76 | 29.61670m  | (17102708) |            |           |
| 396863.42  | 3815206.77 | 30.22702   | (17101508) | 396844.91 |
| 3815191.79 | 31.80592   | (17101508) |            |           |
| 396826.40  | 3815176.80 | 30.46236   | (17101508) | 396807.89 |
| 3815161.82 | 26.50937   | (17101508) |            |           |
| 396789.38  | 3815146.83 | 25.22747   | (19120708) | 396770.87 |
| 3815131.84 | 25.82952   | (18091824) |            |           |
| 396752.36  | 3815116.86 | 31.14988   | (19120108) | 396733.84 |
| 3815101.87 | 36.41856   | (19120108) |            |           |
| 396715.33  | 3815086.89 | 38.50350   | (19120108) | 396696.82 |
| 3815071.90 | 36.76066   | (19120108) |            |           |
| 396678.31  | 3815056.91 | 36.23917   | (17121008) | 396659.80 |
| 3815041.93 | 35.18873   | (17121008) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396641.29  | 3815026.94 | 31.60604   | (17121008) | 397211.32 |
| 3814851.75 | 20.16312   | (19120708) |            |           |
| 397226.09  | 3814870.36 | 19.58631   | (16021708) | 397240.87 |
| 3814888.96 | 21.62447   | (17101508) |            |           |
| 397255.64  | 3814907.57 | 24.08274   | (17101508) | 397270.42 |
| 3814926.18 | 24.92738   | (17101508) |            |           |
| 397285.19  | 3814944.78 | 23.99105   | (17101508) | 397299.97 |
| 3814963.39 | 23.61204m  | (17102708) |            |           |
| 397314.75  | 3814982.00 | 22.87307m  | (17102708) | 397329.52 |
| 3815000.60 | 20.62492m  | (17102708) |            |           |
| 397344.30  | 3815019.21 | 17.31883m  | (17102708) | 397359.07 |
| 3815037.81 | 17.75278   | (18111208) |            |           |
| 397373.85  | 3815056.42 | 20.26938   | (18111208) | 397388.62 |
| 3815075.03 | 21.91515   | (18111208) |            |           |
| 397403.40  | 3815093.63 | 22.44253   | (18111208) | 397462.50 |
| 3815168.06 | 23.28602   | (17091008) |            |           |
| 397492.05  | 3815205.27 | 22.62507   | (17120924) | 397506.82 |
| 3815223.88 | 21.87976   | (17120924) |            |           |
| 397521.60  | 3815242.48 | 20.20511   | (17120924) | 397536.38 |
| 3815261.09 | 18.74456   | (17101308) |            |           |
| 397551.15  | 3815279.70 | 17.12573   | (20010308) | 397565.93 |
| 3815298.30 | 19.34966   | (20010308) |            |           |
| 397580.70  | 3815316.91 | 20.60375   | (20010308) | 397595.48 |
| 3815335.52 | 20.69943   | (20010308) |            |           |
| 397610.25  | 3815354.12 | 19.87233   | (17121508) | 397625.03 |
| 3815372.73 | 19.56873   | (17121508) |            |           |
| 397639.80  | 3815391.34 | 18.46972   | (20122108) | 397654.58 |
| 3815409.94 | 18.94193   | (20122108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1020

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397669.35  | 3815428.55 | 18.26808   | (20122108) | 397684.13 |
| 3815447.15 | 16.58330   | (20122108) |            |           |
| 397698.90  | 3815465.76 | 15.70266   | (18021608) | 397713.68 |
| 3815484.37 | 16.61402   | (18120408) |            |           |
| 397728.45  | 3815502.97 | 16.63992   | (18120408) | 397743.23 |
| 3815521.58 | 17.52263   | (19103108) |            |           |
| 397758.00  | 3815540.19 | 17.90943   | (19103108) | 397772.78 |
| 3815558.79 | 17.52441   | (18041808) |            |           |
| 397196.54  | 3814833.14 | 20.28249   | (18091824) | 397178.03 |
| 3814818.16 | 24.38957   | (19120108) |            |           |
| 397159.52  | 3814803.17 | 27.89999   | (19120108) | 397141.01 |
| 3814788.19 | 29.77516   | (19120108) |            |           |
| 397122.50  | 3814773.20 | 29.62173   | (19120108) | 397103.99 |
| 3814758.21 | 27.44851   | (17121008) |            |           |
| 397085.47  | 3814743.23 | 28.11848   | (17121008) | 397066.96 |
| 3814728.24 | 27.37920   | (17121008) |            |           |
| 397048.45  | 3814713.26 | 25.28143   | (17121008) | 397029.94 |
| 3814698.27 | 22.07177   | (17121008) |            |           |
| 397011.43  | 3814683.28 | 23.64005   | (18120408) | 396992.92 |
| 3814668.30 | 26.63734   | (18120408) |            |           |
| 396974.40  | 3814653.31 | 29.42502   | (18120408) | 396955.89 |
| 3814638.32 | 31.52307   | (18120408) |            |           |
| 397525.69  | 3814462.84 | 23.52842   | (19120108) | 397540.23 |
| 3814481.14 | 24.43279   | (19120108) |            |           |
| 397554.76  | 3814499.45 | 24.04030   | (19120108) | 397569.30 |
| 3814517.76 | 22.41375   | (19120108) |            |           |
| 397583.84  | 3814536.07 | 19.80319   | (19120108) | 397598.38 |
| 3814554.37 | 16.65025   | (18091824) |            |           |
| 397612.92  | 3814572.68 | 16.69267   | (19120708) | 397627.45 |
| 3814590.99 | 16.35530   | (19120708) |            |           |
| 397641.99  | 3814609.30 | 16.53109   | (16021708) | 397656.53 |
| 3814627.60 | 18.27716   | (17101508) |            |           |
| 397671.07  | 3814645.91 | 19.85633   | (17101508) | 397685.61 |
| 3814664.22 | 20.45616   | (17101508) |            |           |
| 397700.14  | 3814682.53 | 19.98889   | (17101508) | 397714.68 |
| 3814700.83 | 19.34235m  | (17102708) |            |           |
| 397743.76  | 3814737.45 | 18.45917m  | (17102708) | 397772.83 |
| 3814774.07 | 14.31182m  | (17102708) |            |           |
| 397787.37  | 3814792.37 | 14.32473   | (17092508) | 397801.91 |
| 3814810.68 | 15.71993   | (18111208) |            |           |
| 397816.45  | 3814828.99 | 17.18856   | (18111208) | 397830.99 |
| 3814847.30 | 18.05160   | (18111208) |            |           |
| 397845.53  | 3814865.60 | 18.23970   | (18111208) | 397860.06 |
| 3814883.91 | 17.75455   | (18111208) |            |           |
| 397874.60  | 3814902.22 | 17.05058   | (17091008) | 397889.14 |
| 3814920.53 | 18.54745   | (17091008) |            |           |
| 397903.68  | 3814938.83 | 19.18895   | (17091008) | 397918.22 |
| 3814957.14 | 18.88985   | (17091008) |            |           |
| 397932.75  | 3814975.45 | 18.36458   | (17120924) | 397947.29 |
| 3814993.76 | 18.50352   | (17120924) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397961.83  | 3815012.06 | 18.04039   | (17120924) | 397976.37 |
| 3815030.37 | 17.01907   | (17120924) |            |           |
| 397990.91  | 3815048.68 | 15.90892   | (17101308) | 398005.44 |
| 3815066.99 | 15.06694   | (17101308) |            |           |
| 398019.98  | 3815085.29 | 14.38390   | (20010308) | 398034.52 |
| 3815103.60 | 15.89947   | (20010308) |            |           |
| 398049.06  | 3815121.91 | 16.83261   | (20010308) | 398063.60 |
| 3815140.22 | 17.08000   | (20010308) |            |           |
| 398078.13  | 3815158.52 | 16.62765   | (20010308) | 398092.67 |
| 3815176.83 | 16.29892   | (17121508) |            |           |
| 398107.21  | 3815195.14 | 15.87217   | (17121508) | 398121.75 |
| 3815213.45 | 15.32724   | (20122108) |            |           |
| 398136.29  | 3815231.76 | 15.68988   | (20122108) | 398150.82 |
| 3815250.06 | 15.36007   | (20122108) |            |           |
| 398165.36  | 3815268.37 | 14.38785   | (20122108) | 398179.90 |
| 3815286.68 | 13.19894   | (18021608) |            |           |
| 398194.44  | 3815304.99 | 13.16382   | (18120408) | 398208.98 |
| 3815323.29 | 13.75961   | (18120408) |            |           |
| 397511.15  | 3814444.53 | 22.46535   | (17121008) | 397492.64 |
| 3814429.54 | 22.75472   | (17121008) |            |           |
| 397474.13  | 3814414.56 | 22.21038   | (17121008) | 397455.62 |
| 3814399.57 | 20.85771   | (17121008) |            |           |
| 397437.10  | 3814384.58 | 18.80874   | (17121008) | 397418.59 |
| 3814369.60 | 17.57135   | (18120408) |            |           |
| 397400.08  | 3814354.61 | 19.58378   | (18120408) | 397381.57 |
| 3814339.63 | 21.68070   | (18120408) |            |           |
| 397363.06  | 3814324.64 | 23.59713   | (18120408) | 397344.55 |
| 3814309.65 | 25.09640   | (18120408) |            |           |
| 397326.03  | 3814294.67 | 26.01019   | (18120408) | 397307.52 |
| 3814279.68 | 26.24869   | (18120408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1021

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |



|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| -----      |           |            |           |            |           |
|            | 397289.01 | 3814264.69 | 25.79078  | (18120408) | 397270.50 |
| 3814249.71 | 24.66481  | (18120408) |           |            |           |
|            | 397840.36 | 3814074.31 | 16.27272  | (17121008) | 397854.97 |
| 3814092.70 | 17.70727  | (17121008) |           |            |           |
|            | 397869.58 | 3814111.10 | 18.67219  | (17121008) | 397884.19 |
| 3814129.50 | 19.10198  | (17121008) |           |            |           |
|            | 397898.80 | 3814147.89 | 18.97652  | (17121008) | 397913.40 |
| 3814166.29 | 19.41316  | (19120108) |           |            |           |
|            | 397928.01 | 3814184.68 | 20.43344  | (19120108) | 397942.62 |
| 3814203.08 | 20.61217  | (19120108) |           |            |           |
|            | 397957.23 | 3814221.47 | 19.92805  | (19120108) | 397971.84 |
| 3814239.87 | 18.46644  | (19120108) |           |            |           |
|            | 397986.44 | 3814258.26 | 16.40370  | (19120108) | 398001.05 |
| 3814276.66 | 13.99087  | (18091824) |           |            |           |
|            | 398015.66 | 3814295.06 | 14.12402  | (19120708) | 398030.27 |
| 3814313.45 | 14.02147  | (19120708) |           |            |           |
|            | 398059.48 | 3814350.24 | 14.32206  | (17101508) | 398088.70 |
| 3814387.03 | 16.89935  | (17101508) |           |            |           |
|            | 398103.31 | 3814405.43 | 17.24023  | (17101508) | 398117.92 |
| 3814423.83 | 16.87044  | (17101508) |           |            |           |
|            | 398132.52 | 3814442.22 | 16.27226m | (17102708) | 398147.13 |
| 3814460.62 | 16.49234m | (17102708) |           |            |           |
|            | 398161.74 | 3814479.01 | 16.04031m | (17102708) | 398176.35 |
| 3814497.41 | 14.97341m | (17102708) |           |            |           |
|            | 398190.96 | 3814515.80 | 13.41907m | (17102708) | 398205.56 |
| 3814534.20 | 12.23621  | (17092508) |           |            |           |
|            | 398220.17 | 3814552.60 | 12.67946  | (17092508) | 398234.78 |
| 3814570.99 | 13.02632  | (18111208) |           |            |           |
|            | 398249.39 | 3814589.39 | 14.17188  | (18111208) | 398264.00 |
| 3814607.78 | 14.93532  | (18111208) |           |            |           |
|            | 398278.60 | 3814626.18 | 15.25326  | (18111208) | 398293.21 |
| 3814644.57 | 15.11839  | (18111208) |           |            |           |
|            | 398307.82 | 3814662.97 | 14.56267  | (18111208) | 398322.43 |
| 3814681.37 | 14.63484  | (17091008) |           |            |           |
|            | 398337.04 | 3814699.76 | 15.68578  | (17091008) | 398351.64 |
| 3814718.16 | 16.16224  | (17091008) |           |            |           |
|            | 398366.25 | 3814736.55 | 16.01348  | (17091008) | 398380.86 |
| 3814754.95 | 15.28039  | (17120924) |           |            |           |
|            | 398395.47 | 3814773.34 | 15.54624  | (17120924) | 398410.08 |
| 3814791.74 | 15.41649  | (17120924) |           |            |           |
|            | 398424.68 | 3814810.13 | 14.90314  | (17120924) | 398439.29 |
| 3814828.53 | 14.04129  | (17120924) |           |            |           |
|            | 398453.90 | 3814846.93 | 13.44893  | (17101308) | 398468.51 |
| 3814865.32 | 12.79876  | (17101308) |           |            |           |
|            | 398483.12 | 3814883.72 | 11.78984  | (20010308) | 398497.72 |
| 3814902.11 | 13.02133  | (20010308) |           |            |           |
|            | 398512.33 | 3814920.51 | 13.89915  | (20010308) | 398526.94 |
| 3814938.90 | 14.34349  | (20010308) |           |            |           |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
| 3814975.70 | 398541.55 | 3814957.30 | 14.31929 | (20010308) | 398556.16 |
| 3815012.49 | 398570.76 | 3814994.09 | 13.69406 | (17121508) | 398585.37 |
| 3815049.28 | 398599.98 | 3815030.88 | 12.86350 | (20122108) | 398614.59 |
| 3815086.07 | 398629.20 | 3815067.67 | 13.20273 | (20122108) | 398643.80 |
| 3814040.93 | 397825.76 | 3814055.91 | 14.47294 | (17121008) | 397807.25 |
| 3814010.95 | 397788.73 | 3814025.94 | 16.61421 | (18120408) | 397770.22 |
| 3813980.98 | 397751.71 | 3813995.97 | 19.53998 | (18120408) | 397733.20 |
| 3813951.01 | 397714.69 | 3813966.00 | 21.41452 | (18120408) | 397696.18 |
| 3813921.04 | 397677.66 | 3813936.02 | 21.65127 | (18120408) | 397659.15 |
| 3813891.06 | 397640.64 | 3813906.05 | 20.18726 | (18120408) | 397622.13 |
| 3813861.09 | 397603.62 | 3813876.08 | 19.92972 | (19010808) | 397585.11 |
| 3813704.22 | 398155.02 | 3813685.76 | 15.50868 | (18120408) | 398169.68 |
| 3813741.14 | 398184.34 | 3813722.68 | 13.17578 | (18120408) | 398199.00 |
| 3813778.06 | 398213.66 | 3813759.60 | 13.09292 | (17121008) | 398228.33 |
| 3813814.99 | 398242.99 | 3813796.53 | 15.40044 | (17121008) | 398257.65 |
| 3813851.91 | 398272.31 | 3813833.45 | 16.38196 | (17121008) | 398286.97 |
|            | 16.30461  | (17121008) |          |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1022

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| -----       |                      |            |            |             |
| 398301.63   | 3813870.37           | 16.37761   | (19120108) | 398316.29   |
| 3813888.83  | 17.34971 (19120108)  |            |            |             |
| 398330.95   | 3813907.29           | 17.75692   | (19120108) | 398345.61   |
| 3813925.76  | 17.55871 (19120108)  |            |            |             |
| 398360.27   | 3813944.22           | 16.77597   | (19120108) | 398374.93   |
| 3813962.68  | 15.48722 (19120108)  |            |            |             |
| 398389.59   | 3813981.14           | 13.81558   | (19120108) | 398404.25   |
| 3813999.60  | 11.97040 (18091824)  |            |            |             |
| 398418.91   | 3814018.06           | 12.16526   | (19120708) | 398433.57   |
| 3814036.52  | 12.16558 (19120708)  |            |            |             |
| 398448.23   | 3814054.99           | 11.75788   | (19120708) | 398462.89   |
| 3814073.45  | 12.10804 (16021708)  |            |            |             |
| 398477.55   | 3814091.91           | 12.89567   | (17101508) | 398492.21   |
| 3814110.37  | 13.96892 (17101508)  |            |            |             |
| 398506.87   | 3814128.83           | 14.62663   | (17101508) | 398521.53   |
| 3814147.29  | 14.80596 (17101508)  |            |            |             |
| 398536.19   | 3814165.75           | 14.49068   | (17101508) | 398550.85   |
| 3814184.22  | 13.95873m (17102708) |            |            |             |
| 398565.51   | 3814202.68           | 14.22447m  | (17102708) | 398580.17   |
| 3814221.14  | 14.01876m (17102708) |            |            |             |
| 398594.83   | 3814239.60           | 13.36376m  | (17102708) | 398609.49   |
| 3814258.06  | 12.32422m (17102708) |            |            |             |
| 398624.15   | 3814276.52           | 10.99701m  | (17102708) | 398638.81   |
| 3814294.98  | 10.65016 (17092508)  |            |            |             |
| 398653.47   | 3814313.45           | 10.94831   | (17092508) | 398668.13   |
| 3814331.91  | 11.08004 (18111208)  |            |            |             |
| 398682.79   | 3814350.37           | 11.98806   | (18111208) | 398697.45   |
| 3814368.83  | 12.63887 (18111208)  |            |            |             |
| 398712.11   | 3814387.29           | 12.98642   | (18111208) | 398726.77   |
| 3814405.75  | 13.01884 (18111208)  |            |            |             |
| 398741.43   | 3814424.21           | 12.74390   | (18111208) | 398756.09   |
| 3814442.68  | 12.19797 (18111208)  |            |            |             |
| 398770.75   | 3814461.14           | 12.77043   | (17091008) | 398785.41   |
| 3814479.60  | 13.52868 (17091008)  |            |            |             |
| 398800.07   | 3814498.06           | 13.88174   | (17091008) | 398814.73   |
| 3814516.52  | 13.79929 (17091008)  |            |            |             |
| 398829.39   | 3814534.98           | 13.29170   | (17091008) | 398844.05   |
| 3814553.44  | 13.26574 (17120924)  |            |            |             |
| 398858.71   | 3814571.91           | 13.28859   | (17120924) | 398873.37   |
| 3814590.37  | 13.04268 (17120924)  |            |            |             |
| 398888.03   | 3814608.83           | 12.54251   | (17120924) | 398902.69   |
| 3814627.29  | 11.81489 (17120924)  |            |            |             |
| 398917.35   | 3814645.75           | 11.56708   | (17101308) | 398932.01   |
| 3814664.21  | 11.04142 (17101308)  |            |            |             |
| 398946.67   | 3814682.67           | 10.22556   | (17101308) | 398961.33   |
| 3814701.13  | 10.92929 (20010308)  |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398975.99  | 3814719.60 | 11.70516   | (20010308) | 398990.65 |
| 3814738.06 | 12.19569   | (20010308) |            |           |
| 399005.32  | 3814756.52 | 12.36673   | (20010308) | 399019.98 |
| 3814774.98 | 12.21049   | (20010308) |            |           |
| 399034.64  | 3814793.44 | 11.74644   | (20010308) | 399049.30 |
| 3814811.90 | 11.74122   | (17121508) |            |           |
| 399063.96  | 3814830.36 | 11.47984   | (17121508) | 399078.62 |
| 3814848.83 | 11.01463   | (20122108) |            |           |
| 399093.28  | 3814867.29 | 11.39440   | (20122108) | 398140.36 |
| 3813667.30 | 16.54275   | (18120408) |            |           |
| 398121.85  | 3813652.31 | 17.40613   | (18120408) | 398103.34 |
| 3813637.32 | 18.02773   | (18120408) |            |           |
| 398084.83  | 3813622.34 | 18.37414   | (18120408) | 398066.32 |
| 3813607.35 | 18.43162   | (18120408) |            |           |
| 398047.81  | 3813592.37 | 18.20110   | (18120408) | 398029.29 |
| 3813577.38 | 17.69284   | (18120408) |            |           |
| 398010.78  | 3813562.39 | 16.92405   | (18120408) | 397992.27 |
| 3813547.41 | 15.91715   | (18120408) |            |           |
| 397973.76  | 3813532.42 | 16.93689   | (19010808) | 397955.25 |
| 3813517.43 | 17.58383   | (19010808) |            |           |
| 397936.74  | 3813502.45 | 17.67963   | (19010808) | 397918.23 |
| 3813487.46 | 17.21349   | (19010808) |            |           |
| 397899.71  | 3813472.48 | 16.22817   | (19010808) | 398994.07 |
| 3812649.56 | 11.51262   | (18120408) |            |           |
| 399008.82  | 3812668.14 | 12.00005   | (18120408) | 399023.57 |
| 3812686.71 | 12.38805   | (18120408) |            |           |
| 399038.32  | 3812705.29 | 12.67009   | (18120408) | 399053.07 |
| 3812723.87 | 12.83968   | (18120408) |            |           |
| 399067.82  | 3812742.44 | 12.89117   | (18120408) | 399082.57 |
| 3812761.02 | 12.82041   | (18120408) |            |           |
| 399097.32  | 3812779.59 | 12.62575   | (18120408) | 399112.08 |
| 3812798.17 | 12.30942   | (18120408) |            |           |
| 399126.83  | 3812816.75 | 11.87952   | (18120408) | 399141.58 |
| 3812835.32 | 11.35048   | (18120408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1023

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 399156.33   | 3812853.90           | 10.74316   | (18120408) | 399171.08   |
| 3812872.47  | 10.08528 (18120408)  |            |            |             |
| 399185.83   | 3812891.05           | 9.40857    | (18120408) | 399200.58   |
| 3812909.62  | 8.74785 (18120408)   |            |            |             |
| 399215.33   | 3812928.20           | 8.36870    | (17121008) | 399230.08   |
| 3812946.78  | 9.20543 (17121008)   |            |            |             |
| 399244.83   | 3812965.35           | 9.95527    | (17121008) | 399259.59   |
| 3812983.93  | 10.59123 (17121008)  |            |            |             |
| 399274.34   | 3813002.50           | 11.08981   | (17121008) | 399289.09   |
| 3813021.08  | 11.43483 (17121008)  |            |            |             |
| 399303.84   | 3813039.65           | 11.61606   | (17121008) | 399318.59   |
| 3813058.23  | 11.63039 (17121008)  |            |            |             |
| 399333.34   | 3813076.81           | 11.48086   | (17121008) | 399348.09   |
| 3813095.38  | 11.77701 (19120108)  |            |            |             |
| 399362.84   | 3813113.96           | 12.34098   | (19120108) | 399377.59   |
| 3813132.53  | 12.65463 (19120108)  |            |            |             |
| 399392.35   | 3813151.11           | 12.69843   | (19120108) | 399407.10   |
| 3813169.69  | 12.46970 (19120108)  |            |            |             |
| 399421.85   | 3813188.26           | 11.98352   | (19120108) | 399436.60   |
| 3813206.84  | 11.27024 (19120108)  |            |            |             |
| 399451.35   | 3813225.41           | 10.37358   | (19120108) | 399466.10   |
| 3813243.99  | 9.34451 (19120108)   |            |            |             |
| 399480.85   | 3813262.56           | 8.47115    | (19120708) | 399495.60   |
| 3813281.14  | 8.72393 (19120708)   |            |            |             |
| 399510.35   | 3813299.72           | 8.79316    | (19120708) | 399525.10   |
| 3813318.29  | 8.67481 (19120708)   |            |            |             |
| 399539.86   | 3813336.87           | 8.42176    | (16021708) | 399554.61   |
| 3813355.44  | 8.69131 (16021708)   |            |            |             |
| 399569.36   | 3813374.02           | 8.82423    | (17101508) | 399584.11   |
| 3813392.60  | 9.53165 (17101508)   |            |            |             |
| 399598.86   | 3813411.17           | 10.07785   | (17101508) | 399613.61   |
| 3813429.75  | 10.43084 (17101508)  |            |            |             |
| 399628.36   | 3813448.32           | 10.56900   | (17101508) | 399643.11   |
| 3813466.90  | 10.48431 (17101508)  |            |            |             |
| 399657.86   | 3813485.47           | 10.18270   | (17101508) | 399672.62   |
| 3813504.05  | 10.04345m (17102708) |            |            |             |
| 399687.37   | 3813522.63           | 10.20851m  | (17102708) | 399702.12   |
| 3813541.20  | 10.16037m (17102708) |            |            |             |
| 399716.87   | 3813559.78           | 9.90272m   | (17102708) | 399731.62   |
| 3813578.35  | 9.45225m (17102708)  |            |            |             |
| 399746.37   | 3813596.93           | 8.83631m   | (17102708) | 399761.12   |
| 3813615.51  | 8.09098m (17102708)  |            |            |             |
| 399775.87   | 3813634.08           | 7.42775    | (17092508) | 399790.62   |
| 3813652.66  | 7.71975 (17092508)   |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399805.37  | 3813671.23         | 7.87463 | (17092508) | 399820.13 |
| 3813689.81 | 7.88214 (17092508) |         |            |           |
| 399834.88  | 3813708.38         | 8.16561 | (18111208) | 399849.63 |
| 3813726.96 | 8.62498 (18111208) |         |            |           |
| 399864.38  | 3813745.54         | 8.96027 | (18111208) | 399879.13 |
| 3813764.11 | 9.16182 (18111208) |         |            |           |
| 399893.88  | 3813782.69         | 9.22091 | (18111208) | 399908.63 |
| 3813801.26 | 9.13953 (18111208) |         |            |           |
| 399923.38  | 3813819.84         | 8.92715 | (18111208) | 399938.13 |
| 3813838.41 | 8.60437 (19020108) |         |            |           |
| 399952.88  | 3813856.99         | 8.86557 | (17091008) | 399967.64 |
| 3813875.57 | 9.38755 (17091008) |         |            |           |
| 399982.39  | 3813894.14         | 9.74204 | (17091008) | 399997.14 |
| 3813912.72 | 9.90967 (17091008) |         |            |           |
| 400011.89  | 3813931.29         | 9.88132 | (17091008) | 400026.64 |
| 3813949.87 | 9.65962 (17091008) |         |            |           |
| 400041.39  | 3813968.45         | 9.26919 | (17120924) | 400056.14 |
| 3813987.02 | 9.39751 (17120924) |         |            |           |
| 400070.89  | 3814005.60         | 9.40913 | (17120924) | 400085.64 |
| 3814024.17 | 9.30443 (17120924) |         |            |           |
| 400100.40  | 3814042.75         | 9.08714 | (17120924) | 400115.15 |
| 3814061.32 | 8.76456 (17120924) |         |            |           |
| 400129.90  | 3814079.90         | 8.46108 | (17101308) | 400144.65 |
| 3814098.48 | 8.38040 (17101308) |         |            |           |
| 400159.40  | 3814117.05         | 8.14287 | (17101308) | 400174.15 |
| 3814135.63 | 7.76253 (17101308) |         |            |           |
| 400188.90  | 3814154.20         | 7.26112 | (17101308) | 400203.65 |
| 3814172.78 | 7.63267 (20010308) |         |            |           |
| 400218.40  | 3814191.36         | 8.12348 | (20010308) | 400233.15 |
| 3814209.93 | 8.49657 (20010308) |         |            |           |
| 400247.91  | 3814228.51         | 8.73507 | (20010308) | 400262.66 |
| 3814247.08 | 8.82841 (20010308) |         |            |           |
| 400277.41  | 3814265.66         | 8.77411 | (20010308) | 400292.16 |
| 3814284.23 | 8.57736 (20010308) |         |            |           |
| 400306.91  | 3814302.81         | 8.35517 | (17121508) | 400321.66 |
| 3814321.39 | 8.35850 (17121508) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1024

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 400336.41   | 3814339.96          | 8.23076    | (17121508) | 400351.16   |
| 3814358.54  | 7.97612 (17121508)  |            |            |             |
| 400365.91   | 3814377.11          | 8.01796    | (20122108) | 398979.32   |
| 3812630.99  | 11.19131 (19010808) |            |            |             |
| 398960.80   | 3812616.00          | 11.83005   | (19010808) | 398942.29   |
| 3812601.01  | 12.26496 (19010808) |            |            |             |
| 398923.78   | 3812586.03          | 12.47112   | (19010808) | 398905.27   |
| 3812571.04  | 12.43607 (19010808) |            |            |             |
| 398886.76   | 3812556.06          | 12.16127   | (19010808) | 398868.25   |
| 3812541.07  | 11.66178 (19010808) |            |            |             |
| 398849.74   | 3812526.08          | 10.96552   | (19010808) | 398831.22   |
| 3812511.10  | 10.11046 (19010808) |            |            |             |
| 398812.71   | 3812496.11          | 9.14123    | (19010808) | 398794.20   |
| 3812481.13  | 8.98456 (18102708)  |            |            |             |
| 398775.69   | 3812466.14          | 8.75592    | (18102708) | 398757.18   |
| 3812451.15  | 8.35334 (18102708)  |            |            |             |
| 398738.67   | 3812436.17          | 7.80200    | (18102708) | 399833.07   |
| 3811613.32  | 8.93508 (19010808)  |            |            |             |
| 399847.88   | 3811631.97          | 9.24031    | (19010808) | 399862.68   |
| 3811650.61  | 9.42921 (19010808)  |            |            |             |
| 399877.49   | 3811669.25          | 9.49430    | (19010808) | 399892.29   |
| 3811687.90  | 9.43277 (19010808)  |            |            |             |
| 399907.10   | 3811706.54          | 9.24683    | (19010808) | 399921.90   |
| 3811725.19  | 8.94367 (19010808)  |            |            |             |
| 399936.71   | 3811743.83          | 8.53484    | (19010808) | 399951.52   |
| 3811762.47  | 8.57536 (18120408)  |            |            |             |
| 399966.32   | 3811781.12          | 8.89559    | (18120408) | 399981.13   |
| 3811799.76  | 9.16643 (18120408)  |            |            |             |
| 399995.93   | 3811818.41          | 9.38665    | (18120408) | 400010.74   |
| 3811837.05  | 9.55366 (18120408)  |            |            |             |
| 400025.54   | 3811855.69          | 9.66493    | (18120408) | 400040.35   |
| 3811874.34  | 9.71795 (18120408)  |            |            |             |
| 400055.15   | 3811892.98          | 9.71029    | (18120408) | 400069.96   |
| 3811911.63  | 9.64011 (18120408)  |            |            |             |
| 400084.76   | 3811930.27          | 9.50666    | (18120408) | 400099.57   |
| 3811948.92  | 9.31042 (18120408)  |            |            |             |
| 400114.37   | 3811967.56          | 9.05425    | (18120408) | 400129.18   |
| 3811986.20  | 8.74288 (18120408)  |            |            |             |
| 400143.98   | 3812004.85          | 8.38389    | (18120408) | 400158.79   |
| 3812023.49  | 7.98730 (18120408)  |            |            |             |
| 400173.59   | 3812042.14          | 7.56543    | (18120408) | 400188.40   |
| 3812060.78  | 7.13234 (18120408)  |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 400203.20  | 3812079.42         | 6.70328 | (18120408) | 400218.01 |
| 3812098.07 | 6.29313 (18120408) |         |            |           |
| 400232.82  | 3812116.71         | 6.45785 | (17121008) | 400247.62 |
| 3812135.36 | 6.98183 (17121008) |         |            |           |
| 400262.43  | 3812154.00         | 7.46048 | (17121008) | 400277.23 |
| 3812172.64 | 7.88175 (17121008) |         |            |           |
| 400292.04  | 3812191.29         | 8.23563 | (17121008) | 400306.84 |
| 3812209.93 | 8.51350 (17121008) |         |            |           |
| 400321.65  | 3812228.58         | 8.70984 | (17121008) | 400336.45 |
| 3812247.22 | 8.82098 (17121008) |         |            |           |
| 400351.26  | 3812265.86         | 8.84597 | (17121008) | 400366.06 |
| 3812284.51 | 8.78598 (17121008) |         |            |           |
| 400380.87  | 3812303.15         | 8.64412 | (17121008) | 400395.67 |
| 3812321.80 | 9.06291 (19120108) |         |            |           |
| 400410.48  | 3812340.44         | 9.41908 | (19120108) | 400425.28 |
| 3812359.08 | 9.64352 (19120108) |         |            |           |
| 400440.09  | 3812377.73         | 9.72654 | (19120108) | 400454.89 |
| 3812396.37 | 9.66446 (19120108) |         |            |           |
| 400469.70  | 3812415.02         | 9.46010 | (19120108) | 400484.50 |
| 3812433.66 | 9.12280 (19120108) |         |            |           |
| 400499.31  | 3812452.31         | 8.66687 | (19120108) | 400514.11 |
| 3812470.95 | 8.11201 (19120108) |         |            |           |
| 400528.92  | 3812489.59         | 7.48017 | (19120108) | 400543.73 |
| 3812508.24 | 6.79529 (19120108) |         |            |           |
| 400558.53  | 3812526.88         | 6.52233 | (19120708) | 400573.34 |
| 3812545.53 | 6.68580 (19120708) |         |            |           |
| 400588.14  | 3812564.17         | 6.75208 | (19120708) | 400602.95 |
| 3812582.81 | 6.71848 (19120708) |         |            |           |
| 400617.75  | 3812601.46         | 6.58661 | (19120708) | 400632.56 |
| 3812620.10 | 6.50100 (16021708) |         |            |           |
| 400647.36  | 3812638.75         | 6.66817 | (16021708) | 400662.17 |
| 3812657.39 | 6.73940 (16021708) |         |            |           |
| 400676.97  | 3812676.03         | 7.04140 | (17101508) | 400691.78 |
| 3812694.68 | 7.44804 (17101508) |         |            |           |
| 400706.58  | 3812713.32         | 7.76241 | (17101508) | 400721.39 |
| 3812731.97 | 7.97177 (17101508) |         |            |           |
| 400736.19  | 3812750.61         | 8.06698 | (17101508) | 400751.00 |
| 3812769.25 | 8.04464 (17101508) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1025

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 400765.80   | 3812787.90  | 7.90573        | (17101508) | 400780.61          |  |
| 3812806.54  | 7.65644     | (17101508)     |            |                    |  |
| 400795.41   | 3812825.19  | 7.71981m       | (17102708) | 400810.22          |  |
| 3812843.83  | 7.82377m    | (17102708)     |            |                    |  |
| 400825.03   | 3812862.47  | 7.81456m       | (17102708) | 400839.83          |  |
| 3812881.12  | 7.69288m    | (17102708)     |            |                    |  |
| 400854.64   | 3812899.76  | 7.46425m       | (17102708) | 400869.44          |  |
| 3812918.41  | 7.13860m    | (17102708)     |            |                    |  |
| 400884.25   | 3812937.05  | 6.72962m       | (17102708) | 400899.05          |  |
| 3812955.70  | 6.25365m    | (17102708)     |            |                    |  |
| 400913.86   | 3812974.34  | 5.72891m       | (17102708) | 400928.66          |  |
| 3812992.98  | 5.80281     | (17092508)     |            |                    |  |
| 400943.47   | 3813011.63  | 5.96568        | (17092508) | 400958.27          |  |
| 3813030.27  | 6.05384     | (17092508)     |            |                    |  |
| 400973.08   | 3813048.92  | 6.06337        | (17092508) | 400987.88          |  |
| 3813067.56  | 6.03592     | (18111208)     |            |                    |  |
| 401002.69   | 3813086.20  | 6.35879        | (18111208) | 401017.49          |  |
| 3813104.85  | 6.62127     | (18111208)     |            |                    |  |
| 401032.30   | 3813123.49  | 6.81852        | (18111208) | 401047.10          |  |
| 3813142.14  | 6.94319     | (18111208)     |            |                    |  |
| 401061.91   | 3813160.78  | 6.99277        | (18111208) | 401076.71          |  |
| 3813179.42  | 6.96779     | (18111208)     |            |                    |  |
| 401091.52   | 3813198.07  | 6.87142        | (18111208) | 401106.32          |  |
| 3813216.71  | 6.70953     | (18111208)     |            |                    |  |
| 401121.13   | 3813235.36  | 6.60876        | (19020108) | 401135.94          |  |
| 3813254.00  | 6.65546     | (17091008)     |            |                    |  |
| 401150.74   | 3813272.64  | 7.01919        | (17091008) | 401165.55          |  |
| 3813291.29  | 7.30051     | (17091008)     |            |                    |  |
| 401180.35   | 3813309.93  | 7.48826        | (17091008) | 401195.16          |  |
| 3813328.58  | 7.57539     | (17091008)     |            |                    |  |
| 401209.96   | 3813347.22  | 7.55865        | (17091008) | 401224.77          |  |
| 3813365.86  | 7.43916     | (17091008)     |            |                    |  |
| 401239.57   | 3813384.51  | 7.22214        | (17091008) | 401254.38          |  |
| 3813403.15  | 7.07095     | (17120924)     |            |                    |  |
| 401269.18   | 3813421.80  | 7.13404        | (17120924) | 401283.99          |  |
| 3813440.44  | 7.13732     | (17120924)     |            |                    |  |
| 401298.79   | 3813459.09  | 7.08110        | (17120924) | 401313.60          |  |
| 3813477.73  | 6.96675     | (17120924)     |            |                    |  |
| 401328.40   | 3813496.37  | 6.79683        | (17120924) | 401343.21          |  |
| 3813515.02  | 6.57467     | (17120924)     |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 401358.01  | 3813533.66         | 6.50197 | (17101308) | 401372.82 |
| 3813552.31 | 6.45621 (17101308) |         |            |           |
| 401387.62  | 3813570.95         | 6.32625 | (17101308) | 401402.43 |
| 3813589.59 | 6.11750 (17101308) |         |            |           |
| 401417.24  | 3813608.24         | 5.83820 | (17101308) | 401432.04 |
| 3813626.88 | 5.49931 (17101308) |         |            |           |
| 401446.85  | 3813645.53         | 5.75672 | (20010308) | 401461.65 |
| 3813664.17 | 6.08678 (20010308) |         |            |           |
| 401476.46  | 3813682.81         | 6.35855 | (20010308) | 401491.26 |
| 3813701.46 | 6.56326 (20010308) |         |            |           |
| 401506.07  | 3813720.10         | 6.69433 | (20010308) | 401520.87 |
| 3813738.75 | 6.74803 (20010308) |         |            |           |
| 401535.68  | 3813757.39         | 6.72338 | (20010308) | 401550.48 |
| 3813776.03 | 6.62235 (20010308) |         |            |           |
| 401565.29  | 3813794.68         | 6.44946 | (20010308) | 399818.27 |
| 3811594.68 | 8.52582 (19010808) |         |            |           |
| 399799.76  | 3811579.69         | 8.03621 | (19010808) | 399781.24 |
| 3811564.71 | 7.47448 (19010808) |         |            |           |
| 399762.73  | 3811549.72         | 6.88445 | (18102708) | 399744.22 |
| 3811534.73 | 6.87552 (18102708) |         |            |           |
| 399725.71  | 3811519.75         | 6.76811 | (18102708) | 399707.20 |
| 3811504.76 | 6.56675 (18102708) |         |            |           |
| 399688.69  | 3811489.77         | 6.28012 | (18102708) | 399670.18 |
| 3811474.79 | 5.92033 (18102708) |         |            |           |
| 399651.66  | 3811459.80         | 5.50160 | (18102708) | 399633.15 |
| 3811444.82 | 5.17912 (17051908) |         |            |           |
| 399614.64  | 3811429.83         | 5.31014 | (18020324) | 399596.13 |
| 3811414.84 | 5.47065 (18020324) |         |            |           |
| 399577.62  | 3811399.86         | 5.55259 | (18020324) | 400671.96 |
| 3810576.93 | 5.48544 (18102708) |         |            |           |
| 400686.70  | 3810595.49         | 5.54622 | (18102708) | 400701.43 |
| 3810614.05 | 5.54965 (18102708) |         |            |           |
| 400716.17  | 3810632.61         | 5.87698 | (19010808) | 400730.91 |
| 3810651.17 | 6.27928 (19010808) |         |            |           |
| 400745.65  | 3810669.73         | 6.64504 | (19010808) | 400760.39 |
| 3810688.29 | 6.96477 (19010808) |         |            |           |
| 400775.13  | 3810706.85         | 7.22981 | (19010808) | 400789.86 |
| 3810725.40 | 7.43269 (19010808) |         |            |           |
| 400804.60  | 3810743.96         | 7.56786 | (19010808) | 400819.34 |
| 3810762.52 | 7.63122 (19010808) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1026

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|--------------------|----------------|------------|--------------------|-------------|
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |             |
| 400834.08   | 3810781.08         | 7.62086        | (19010808) |                    | 400848.82   |
| 3810799.64  | 7.53700 (19010808) |                |            |                    |             |
| 400863.55   | 3810818.20         | 7.38204        | (19010808) |                    | 400878.29   |
| 3810836.76  | 7.16019 (19010808) |                |            |                    |             |
| 400893.03   | 3810855.32         | 6.87765        | (19010808) |                    | 400907.77   |
| 3810873.88  | 6.74803 (18120408) |                |            |                    |             |
| 400922.51   | 3810892.44         | 6.97102        | (18120408) |                    | 400937.25   |
| 3810911.00  | 7.16911 (18120408) |                |            |                    |             |
| 400951.98   | 3810929.56         | 7.33888        | (18120408) |                    | 400966.72   |
| 3810948.12  | 7.48036 (18120408) |                |            |                    |             |
| 400981.46   | 3810966.68         | 7.59243        | (18120408) |                    | 400996.20   |
| 3810985.24  | 7.67391 (18120408) |                |            |                    |             |
| 401010.94   | 3811003.80         | 7.72350        | (18120408) |                    | 401025.68   |
| 3811022.36  | 7.73988 (18120408) |                |            |                    |             |
| 401040.41   | 3811040.92         | 7.72184        | (18120408) |                    | 401055.15   |
| 3811059.48  | 7.66832 (18120408) |                |            |                    |             |
| 401069.89   | 3811078.04         | 7.57873        | (18120408) |                    | 401084.63   |
| 3811096.60  | 7.45307 (18120408) |                |            |                    |             |
| 401099.37   | 3811115.16         | 7.29215        | (18120408) |                    | 401114.10   |
| 3811133.72  | 7.09780 (18120408) |                |            |                    |             |
| 401128.84   | 3811152.28         | 6.87271        | (18120408) |                    | 401143.58   |
| 3811170.84  | 6.62092 (18120408) |                |            |                    |             |
| 401158.32   | 3811189.40         | 6.34746        | (18120408) |                    | 401173.06   |
| 3811207.96  | 6.05839 (18120408) |                |            |                    |             |
| 401187.80   | 3811226.52         | 5.76057        | (18120408) |                    | 401202.53   |
| 3811245.07  | 5.46159 (18120408) |                |            |                    |             |
| 401217.27   | 3811263.63         | 5.16877        | (18120408) |                    | 401232.01   |
| 3811282.19  | 4.88989 (18120408) |                |            |                    |             |
| 401246.75   | 3811300.75         | 5.13302        | (17121008) |                    | 401261.49   |
| 3811319.31  | 5.49383 (17121008) |                |            |                    |             |
| 401276.22   | 3811337.87         | 5.82994        | (17121008) |                    | 401290.96   |
| 3811356.43  | 6.13540 (17121008) |                |            |                    |             |
| 401305.70   | 3811374.99         | 6.40472        | (17121008) |                    | 401320.44   |
| 3811393.55  | 6.63329 (17121008) |                |            |                    |             |
| 401335.18   | 3811412.11         | 6.81747        | (17121008) |                    | 401349.92   |
| 3811430.67  | 6.95460 (17121008) |                |            |                    |             |
| 401364.65   | 3811449.23         | 7.04304        | (17121008) |                    | 401379.39   |
| 3811467.79  | 7.08215 (17121008) |                |            |                    |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401394.13  | 3811486.35          | 7.07221  | (17121008) | 401408.87 |
| 3811504.91 | 7.01431 (17121008)  |          |            |           |
| 401423.61  | 3811523.47          | 6.91034  | (17121008) | 401438.34 |
| 3811542.03 | 7.23056 (19120108)  |          |            |           |
| 401453.08  | 3811560.59          | 7.49897  | (19120108) | 401467.82 |
| 3811579.15 | 7.69297 (19120108)  |          |            |           |
| 401482.56  | 3811597.71          | 7.80641  | (19120108) | 401497.30 |
| 3811616.27 | 7.83569 (19120108)  |          |            |           |
| 401512.04  | 3811634.83          | 7.77990  | (19120108) | 401526.77 |
| 3811653.39 | 7.64098 (19120108)  |          |            |           |
| 401541.51  | 3811671.95          | 7.42335  | (19120108) | 401556.25 |
| 3811690.51 | 7.13398 (19120108)  |          |            |           |
| 401570.99  | 3811709.07          | 6.78184  | (19120108) | 401585.73 |
| 3811727.63 | 6.37750 (19120108)  |          |            |           |
| 401600.46  | 3811746.18          | 5.93285  | (19120108) | 401615.20 |
| 3811764.74 | 5.45950 (19120108)  |          |            |           |
| 401629.94  | 3811783.30          | 5.25956  | (18111208) | 401644.68 |
| 3811801.86 | 5.34837 (19120708)  |          |            |           |
| 401659.42  | 3811820.42          | 5.43021  | (19120708) | 401674.16 |
| 3811838.98 | 5.45400 (19120708)  |          |            |           |
| 401688.89  | 3811857.54          | 5.41907  | (19120708) | 401703.63 |
| 3811876.10 | 5.32657 (19120708)  |          |            |           |
| 401718.37  | 3811894.66          | 5.19653  | (16021708) | 401733.11 |
| 3811913.22 | 5.33498 (16021708)  |          |            |           |
| 401747.85  | 3811931.78          | 5.41860  | (16021708) | 401762.58 |
| 3811950.34 | 5.44479 (16021708)  |          |            |           |
| 401777.32  | 3811968.90          | 5.67559  | (17101508) | 401792.06 |
| 3811987.46 | 5.95781 (17101508)  |          |            |           |
| 401806.80  | 3812006.02          | 6.18721  | (17101508) | 401821.54 |
| 3812024.58 | 6.35689 (17101508)  |          |            |           |
| 401836.28  | 3812043.14          | 6.46166  | (17101508) | 401851.01 |
| 3812061.70 | 6.49833 (17101508)  |          |            |           |
| 401865.75  | 3812080.26          | 6.46585  | (17101508) | 401880.49 |
| 3812098.82 | 6.36536 (17101508)  |          |            |           |
| 401895.23  | 3812117.38          | 6.20015  | (17101508) | 401909.97 |
| 3812135.94 | 6.17099m (17102708) |          |            |           |
| 401924.71  | 3812154.50          | 6.27868m | (17102708) | 401939.44 |
| 3812173.06 | 6.32091m (17102708) |          |            |           |
| 401954.18  | 3812191.62          | 6.29647m | (17102708) | 401968.92 |
| 3812210.18 | 6.20629m (17102708) |          |            |           |
| 401983.66  | 3812228.74          | 6.05333m | (17102708) | 401998.40 |
| 3812247.30 | 5.84244m (17102708) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

| ** CONC OF ALL |                     | IN MICROGRAMS/M**3  |             |
|----------------|---------------------|---------------------|-------------|
| **             |                     |                     |             |
| X-COORD (M)    | Y-COORD (M)         | CONC (YYMMDDHH)     | X-COORD (M) |
| Y-COORD (M)    | CONC (YYMMDDHH)     |                     |             |
| -----          |                     |                     |             |
| 402013.13      | 3812265.85          | 5.58028m (17102708) | 402027.87   |
| 3812284.41     | 5.27435m (17102708) |                     |             |
| 402042.61      | 3812302.97          | 4.93350m (17102708) | 402057.35   |
| 3812321.53     | 4.56697m (17102708) |                     |             |
| 402072.09      | 3812340.09          | 4.65177 (17092508)  | 402086.83   |
| 3812358.65     | 4.77921 (17092508)  |                     |             |
| 402101.56      | 3812377.21          | 4.86407 (17092508)  | 402116.30   |
| 3812395.77     | 4.90362 (17092508)  |                     |             |
| 402131.04      | 3812414.33          | 4.89653 (17092508)  | 402145.78   |
| 3812432.89     | 4.84295 (17092508)  |                     |             |
| 402160.52      | 3812451.45          | 5.02670 (18111208)  | 402175.25   |
| 3812470.01     | 5.21891 (18111208)  |                     |             |
| 402189.99      | 3812488.57          | 5.37329 (18111208)  | 402204.73   |
| 3812507.13     | 5.48663 (18111208)  |                     |             |
| 402219.47      | 3812525.69          | 5.55691 (18111208)  | 402234.21   |
| 3812544.25     | 5.58334 (18111208)  |                     |             |
| 402248.95      | 3812562.81          | 5.56638 (18111208)  | 402263.68   |
| 3812581.37     | 5.50765 (18111208)  |                     |             |
| 402278.42      | 3812599.93          | 5.40981 (18111208)  | 402293.16   |
| 3812618.49     | 5.31898 (19020108)  |                     |             |
| 402307.90      | 3812637.05          | 5.33706 (19020108)  | 402322.64   |
| 3812655.61     | 5.35168 (17091008)  |                     |             |
| 402337.37      | 3812674.17          | 5.60617 (17091008)  | 402352.11   |
| 3812692.73     | 5.81357 (17091008)  |                     |             |
| 402366.85      | 3812711.29          | 5.96802 (17091008)  | 402381.59   |
| 3812729.85     | 6.06517 (17091008)  |                     |             |
| 402396.33      | 3812748.41          | 6.10232 (17091008)  | 402411.07   |
| 3812766.96     | 6.07858 (17091008)  |                     |             |
| 402425.80      | 3812785.52          | 5.99486 (17091008)  | 402440.54   |
| 3812804.08     | 5.85379 (17091008)  |                     |             |
| 402455.28      | 3812822.64          | 5.65968 (17091008)  | 402470.02   |
| 3812841.20     | 5.68044 (17120924)  |                     |             |
| 402484.76      | 3812859.76          | 5.70899 (17120924)  | 402499.49   |
| 3812878.32     | 5.70359 (17120924)  |                     |             |
| 402514.23      | 3812896.88          | 5.66445 (17120924)  | 402528.97   |
| 3812915.44     | 5.59225 (17120924)  |                     |             |

|            |           |            |         |            |           |
|------------|-----------|------------|---------|------------|-----------|
| 3812952.56 | 402543.71 | 3812934.00 | 5.48805 | (17120924) | 402558.45 |
| 3812989.68 | 402573.19 | 3812971.12 | 5.23490 | (17101308) | 402587.92 |
| 3813026.80 | 402602.66 | 3813008.24 | 5.21613 | (17101308) | 402617.40 |
| 3813063.92 | 402632.14 | 3813045.36 | 5.00052 | (17101308) | 402646.88 |
| 3813101.04 | 402661.61 | 3813082.48 | 4.61360 | (17101308) | 402676.35 |
| 3813138.16 | 402691.09 | 3813119.60 | 4.59460 | (20010308) | 402705.83 |
| 3813175.28 | 402720.57 | 3813156.72 | 5.02815 | (20010308) | 402735.31 |
| 3813212.40 | 402750.04 | 3813193.84 | 5.31306 | (20010308) | 402764.78 |
| 3810543.38 | 400657.22 | 3810558.37 | 5.36937 | (18102708) | 400638.71 |
| 3810513.41 | 400620.20 | 3810528.40 | 4.99178 | (18102708) | 400601.69 |
| 3810483.44 | 400583.17 | 3810498.42 | 4.45071 | (18102708) | 400564.66 |
| 3810453.47 | 400546.15 | 3810468.45 | 4.16354 | (18020324) | 400527.64 |
| 3810423.49 | 400509.13 | 3810438.48 | 4.40326 | (18020324) | 400490.62 |
| 3809745.38 | 401658.73 | 3809726.77 | 5.09897 | (19010808) | 401673.51 |
| 3809782.60 | 401688.29 | 3809763.99 | 5.62882 | (19010808) | 401703.07 |
| 3809559.28 | 401540.51 | 3809577.89 | 4.10961 | (18102708) | 401555.29 |
| 3809596.50 | 401570.06 | 3809615.11 | 4.41291 | (18102708) | 401584.84 |
| 3809633.72 | 401599.62 | 3809652.33 | 4.59045 | (18102708) | 401614.40 |
| 3809670.94 | 401629.18 | 3809689.55 | 4.62456 | (18102708) | 401643.96 |
| 3809708.16 | 401658.73 | 3809726.77 | 5.09897 | (19010808) | 401673.51 |
| 3809745.38 | 401688.29 | 3809763.99 | 5.62882 | (19010808) | 401703.07 |
| 3809559.28 | 401540.51 | 3809577.89 | 4.10961 | (18102708) | 401555.29 |
| 3809596.50 | 401570.06 | 3809615.11 | 4.41291 | (18102708) | 401584.84 |
| 3809633.72 | 401599.62 | 3809652.33 | 4.59045 | (18102708) | 401614.40 |
| 3809670.94 | 401629.18 | 3809689.55 | 4.62456 | (18102708) | 401643.96 |
| 3809708.16 | 401658.73 | 3809726.77 | 5.09897 | (19010808) | 401673.51 |
| 3809745.38 | 401688.29 | 3809763.99 | 5.62882 | (19010808) | 401703.07 |
| 3809559.28 | 401540.51 | 3809577.89 | 4.10961 | (18102708) | 401555.29 |
| 3809596.50 | 401570.06 | 3809615.11 | 4.41291 | (18102708) | 401584.84 |
| 3809633.72 | 401599.62 | 3809652.33 | 4.59045 | (18102708) | 401614.40 |
| 3809670.94 | 401629.18 | 3809689.55 | 4.62456 | (18102708) | 401643.96 |
| 3809708.16 | 401658.73 | 3809726.77 | 5.09897 | (19010808) | 401673.51 |
| 3809745.38 | 401688.29 | 3809763.99 | 5.62882 | (19010808) | 401703.07 |
| 3809559.28 | 401540.51 | 3809577.89 | 4.10961 | (18102708) | 401555.29 |
| 3809596.50 | 401570.06 | 3809615.11 | 4.41291 | (18102708) | 401584.84 |
| 3809633.72 | 401599.62 | 3809652.33 | 4.59045 | (18102708) | 401614.40 |
| 3809670.94 | 401629.18 | 3809689.55 | 4.62456 | (18102708) | 401643.96 |
| 3809708.16 | 401658.73 | 3809726.77 | 5.09897 | (19010808) | 401673.51 |
| 3809745.38 | 401688.29 | 3809763.99 | 5.62882 | (19010808) | 401703.07 |
| 3809559.28 | 401540.51 | 3809577.89 | 4.10961 | (18102708) | 401555.29 |
| 3809596.50 | 401570.06 | 3809615.11 | 4.41291 | (18102708) | 401584.84 |
| 3809633.72 | 401599.62 | 3809652.33 | 4.59045 | (18102708) | 401614.40 |
| 3809670.94 | 401629.18 | 3809689.55 | 4.62456 | (18102708) | 401643.96 |
| 3809708.16 | 401658.73 | 3809726.77 | 5.09897 | (19010808) | 401673.51 |
| 3809745.38 | 401688.29 | 3809763.99 | 5.62882 | (19010808) | 401703.07 |
| 3809559.28 | 401540.51 | 3809577.89 | 4.10961 | (18102708) | 401555.29 |
| 3809596.50 | 401570.06 | 3809615.11 | 4.41291 | (18102708) | 401584.84 |
| 3          |           |            |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 401717.85   | 3809801.21         | 6.03177    | (19010808) | 401732.63   |
| 3809819.82  | 6.17460 (19010808) |            |            |             |
| 401747.41   | 3809838.43         | 6.27387    | (19010808) | 401762.18   |
| 3809857.04  | 6.32735 (19010808) |            |            |             |
| 401776.96   | 3809875.65         | 6.33383    | (19010808) | 401791.74   |
| 3809894.26  | 6.29311 (19010808) |            |            |             |
| 401806.52   | 3809912.87         | 6.20605    | (19010808) | 401821.30   |
| 3809931.49  | 6.07450 (19010808) |            |            |             |
| 401836.08   | 3809950.10         | 5.90136    | (19010808) | 401850.85   |
| 3809968.71  | 5.69034 (19010808) |            |            |             |
| 401865.63   | 3809987.32         | 5.52080    | (18120408) | 401880.41   |
| 3810005.93  | 5.68314 (18120408) |            |            |             |
| 401895.19   | 3810024.54         | 5.82937    | (18120408) | 401909.97   |
| 3810043.15  | 5.96020 (18120408) |            |            |             |
| 401924.75   | 3810061.76         | 6.07326    | (18120408) | 401939.52   |
| 3810080.37  | 6.16889 (18120408) |            |            |             |
| 401954.30   | 3810098.98         | 6.24656    | (18120408) | 401969.08   |
| 3810117.59  | 6.30563 (18120408) |            |            |             |
| 401983.86   | 3810136.20         | 6.34537    | (18120408) | 401998.64   |
| 3810154.81  | 6.36500 (18120408) |            |            |             |
| 402013.42   | 3810173.42         | 6.36372    | (18120408) | 402028.20   |
| 3810192.03  | 6.34080 (18120408) |            |            |             |
| 402042.97   | 3810210.64         | 6.29563    | (18120408) | 402057.75   |
| 3810229.25  | 6.22777 (18120408) |            |            |             |
| 402072.53   | 3810247.86         | 6.13716    | (18120408) | 402087.31   |
| 3810266.47  | 6.02408 (18120408) |            |            |             |
| 402102.09   | 3810285.08         | 5.88933    | (18120408) | 402116.87   |
| 3810303.69  | 5.73419 (18120408) |            |            |             |
| 402131.64   | 3810322.30         | 5.56059    | (18120408) | 402146.42   |
| 3810340.91  | 5.37085 (18120408) |            |            |             |
| 402161.20   | 3810359.52         | 5.16800    | (18120408) | 402175.98   |
| 3810378.13  | 4.95549 (18120408) |            |            |             |
| 402190.76   | 3810396.74         | 4.73722    | (18120408) | 402205.54   |
| 3810415.35  | 4.51732 (18120408) |            |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 402900.12   | 3811290.04  | 5.01897    | (17101508) | 402914.90   |
| 3811308.65  | 5.17466     | (17101508) |            |             |
| 402929.68   | 3811327.26  | 5.29116    | (17101508) | 402944.46   |
| 3811345.87  | 5.36571     | (17101508) |            |             |
| 402959.24   | 3811364.48  | 5.39656    | (17101508) | 402974.01   |
| 3811383.09  | 5.38301     | (17101508) |            |             |
| 402988.79   | 3811401.70  | 5.32546    | (17101508) | 403003.57   |
| 3811420.31  | 5.22538     | (17101508) |            |             |
| 403018.35   | 3811438.92  | 5.08526    | (17101508) | 403033.13   |
| 3811457.53  | 5.15211m    | (17102708) |            |             |
| 403047.91   | 3811476.14  | 5.22650m   | (17102708) | 403062.69   |
| 3811494.75  | 5.25872m    | (17102708) |            |             |
| 403077.46   | 3811513.36  | 5.24807m   | (17102708) | 403092.24   |
| 3811531.97  | 5.19488m    | (17102708) |            |             |
| 403107.02   | 3811550.58  | 5.10053m   | (17102708) | 403121.80   |
| 3811569.19  | 4.96736m    | (17102708) |            |             |
| 403136.58   | 3811587.80  | 4.79858m   | (17102708) | 403151.36   |
| 3811606.41  | 4.59818m    | (17102708) |            |             |
| 403166.13   | 3811625.02  | 4.37077m   | (17102708) | 403180.91   |
| 3811643.63  | 4.12123m    | (17102708) |            |             |
| 403195.69   | 3811662.24  | 3.85484m   | (17102708) | 403210.47   |
| 3811680.85  | 3.80993     | (17092508) |            |             |
| 403225.25   | 3811699.46  | 3.92018    | (17092508) | 403240.03   |
| 3811718.07  | 4.00450     | (17092508) |            |             |
| 403254.81   | 3811736.68  | 4.06085    | (17092508) | 403269.58   |
| 3811755.29  | 4.08783     | (17092508) |            |             |
| 403284.36   | 3811773.90  | 4.08475    | (17092508) | 403299.14   |
| 3811792.52  | 4.05166     | (17092508) |            |             |
| 403313.92   | 3811811.13  | 4.10138    | (18011408) | 403328.70   |
| 3811829.74  | 4.23789     | (18011408) |            |             |
| 403343.48   | 3811848.35  | 4.34792    | (18111208) | 403358.25   |
| 3811866.96  | 4.45271     | (18111208) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403373.03  | 3811885.57         | 4.53096 | (18111208) | 403387.81 |
| 3811904.18 | 4.58162 (18111208) |         |            |           |
| 403402.59  | 3811922.79         | 4.60424 | (18111208) | 403417.37 |
| 3811941.40 | 4.59901 (18111208) |         |            |           |
| 403432.15  | 3811960.01         | 4.56669 | (18111208) | 403446.92 |
| 3811978.62 | 4.50862 (18111208) |         |            |           |
| 403461.70  | 3811997.23         | 4.42657 | (18111208) | 403476.48 |
| 3812015.84 | 4.43295 (19020108) |         |            |           |
| 403491.26  | 3812034.45         | 4.44382 | (19020108) | 403506.04 |
| 3812053.06 | 4.41997 (19020108) |         |            |           |
| 403520.82  | 3812071.67         | 4.58745 | (17091008) | 403535.60 |
| 3812090.28 | 4.75342 (17091008) |         |            |           |
| 403550.37  | 3812108.89         | 4.88702 | (17091008) | 403565.15 |
| 3812127.50 | 4.98538 (17091008) |         |            |           |
| 403579.93  | 3812146.11         | 5.04633 | (17091008) | 403594.71 |
| 3812164.72 | 5.06859 (17091008) |         |            |           |
| 403609.49  | 3812183.33         | 5.05173 | (17091008) | 403624.27 |
| 3812201.94 | 4.99627 (17091008) |         |            |           |
| 403639.04  | 3812220.55         | 4.90361 | (17091008) | 403653.82 |
| 3812239.16 | 4.77589 (17091008) |         |            |           |
| 403668.60  | 3812257.77         | 4.65960 | (17120924) | 403683.38 |
| 3812276.38 | 4.69706 (17120924) |         |            |           |
| 403698.16  | 3812294.99         | 4.71339 | (17120924) | 403712.94 |
| 3812313.60 | 4.70852 (17120924) |         |            |           |
| 403727.71  | 3812332.21         | 4.68261 | (17120924) | 403742.49 |
| 3812350.82 | 4.63596 (17120924) |         |            |           |
| 403757.27  | 3812369.43         | 4.56910 | (17120924) | 403772.05 |
| 3812388.04 | 4.48274 (17120924) |         |            |           |
| 403786.83  | 3812406.66         | 4.37776 | (17120924) | 403801.61 |
| 3812425.27 | 4.36370 (17101308) |         |            |           |
| 403816.39  | 3812443.88         | 4.37213 | (17101308) | 403831.16 |
| 3812462.49 | 4.34792 (17101308) |         |            |           |
| 403845.94  | 3812481.10         | 4.29169 | (17101308) | 403860.72 |
| 3812499.71 | 4.20480 (17101308) |         |            |           |
| 403875.50  | 3812518.32         | 4.08924 | (17101308) | 403890.28 |
| 3812536.93 | 3.94757 (17101308) |         |            |           |
| 403905.06  | 3812555.54         | 3.78284 | (17101308) | 403919.83 |
| 3812574.15 | 3.59851 (17101308) |         |            |           |
| 403934.61  | 3812592.76         | 3.77844 | (20010308) | 403949.39 |
| 3812611.37 | 3.95316 (20010308) |         |            |           |
| 403964.17  | 3812629.98         | 4.10782 | (20010308) | 401496.17 |
| 3809522.06 | 3.49048 (17051908) |         |            |           |
| 401477.66  | 3809507.07         | 3.43878 | (17051908) | 401459.15 |
| 3809492.09 | 3.49884 (18020324) |         |            |           |
| 401440.64  | 3809477.10         | 3.59181 | (18020324) | 401422.13 |
| 3809462.11 | 3.65678 (18020324) |         |            |           |
| 401403.61  | 3809447.13         | 3.69213 | (18020324) | 401385.10 |
| 3809432.14 | 3.72188 (17102808) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

|            | X-COORD (M) | Y-COORD (M) | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC        |         | (YYMMDDHH) |             |
| 3809402.17 | 401366.59   | 3809417.16  | 3.91769 | (17102808) | 401348.08   |
| 3809372.20 | 401329.57   | 3809387.18  | 4.23385 | (17102808) | 401311.06   |
| 3809342.22 | 401292.55   | 3809357.21  | 4.42553 | (17102808) | 401274.03   |
| 3808504.40 | 401255.52   | 3809327.24  | 4.47409 | (17102808) | 402349.93   |
| 3808541.69 | 402364.74   | 3808523.05  | 3.00319 | (18020324) | 402379.55   |
| 3808578.99 | 402394.36   | 3808560.34  | 2.94764 | (17051908) | 402409.17   |
| 3808616.29 | 402423.98   | 3808597.64  | 3.16457 | (18102708) | 402438.78   |
| 3808653.58 | 402453.59   | 3808634.94  | 3.47285 | (18102708) | 402468.40   |
| 3808690.88 | 402483.21   | 3808672.23  | 3.71706 | (18102708) | 402498.02   |
| 3808728.18 | 402512.83   | 3808709.53  | 3.87910 | (18102708) | 402527.64   |
| 3808765.47 | 402542.44   | 3808746.83  | 3.94624 | (18102708) | 402557.25   |
| 3808802.77 | 402572.06   | 3808784.12  | 4.02678 | (19010808) | 402586.87   |
| 3808840.07 | 402601.68   | 3808821.42  | 4.47461 | (19010808) | 402616.49   |
| 3808877.36 | 402631.30   | 3808858.72  | 4.85605 | (19010808) | 402646.10   |
| 3808914.66 | 402660.91   | 3808896.01  | 5.14648 | (19010808) | 402675.72   |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 402690.53  | 3808933.31         | 5.32643 | (19010808) | 402705.34 |
| 3808951.96 | 5.37067 (19010808) |         |            |           |
| 402720.15  | 3808970.60         | 5.38318 | (19010808) | 402734.96 |
| 3808989.25 | 5.36372 (19010808) |         |            |           |
| 402749.77  | 3809007.90         | 5.31261 | (19010808) | 402764.57 |
| 3809026.55 | 5.23075 (19010808) |         |            |           |
| 402779.38  | 3809045.20         | 5.11951 | (19010808) | 402794.19 |
| 3809063.85 | 4.98080 (19010808) |         |            |           |
| 402809.00  | 3809082.49         | 4.81676 | (19010808) | 402823.81 |
| 3809101.14 | 4.63658 (18120408) |         |            |           |
| 402838.62  | 3809119.79         | 4.75886 | (18120408) | 402853.43 |
| 3809138.44 | 4.87064 (18120408) |         |            |           |
| 402868.23  | 3809157.09         | 4.97167 | (18120408) | 402883.04 |
| 3809175.74 | 5.06179 (18120408) |         |            |           |
| 402897.85  | 3809194.38         | 5.14201 | (18120408) | 402912.66 |
| 3809213.03 | 5.20999 (18120408) |         |            |           |
| 402927.47  | 3809231.68         | 5.26632 | (18120408) | 402942.28 |
| 3809250.33 | 5.31064 (18120408) |         |            |           |
| 402957.09  | 3809268.98         | 5.34251 | (18120408) | 402971.89 |
| 3809287.63 | 5.36144 (18120408) |         |            |           |
| 402986.70  | 3809306.27         | 5.36692 | (18120408) | 403001.51 |
| 3809324.92 | 5.35844 (18120408) |         |            |           |
| 403016.32  | 3809343.57         | 5.33550 | (18120408) | 403031.13 |
| 3809362.22 | 5.29771 (18120408) |         |            |           |
| 403045.94  | 3809380.87         | 5.24478 | (18120408) | 403060.75 |
| 3809399.52 | 5.17661 (18120408) |         |            |           |
| 403075.55  | 3809418.16         | 5.09335 | (18120408) | 403090.36 |
| 3809436.81 | 4.99528 (18120408) |         |            |           |
| 403105.17  | 3809455.46         | 4.88307 | (18120408) | 403119.98 |
| 3809474.11 | 4.75769 (18120408) |         |            |           |
| 403134.79  | 3809492.76         | 4.62039 | (18120408) | 403149.60 |
| 3809511.41 | 4.47276 (18120408) |         |            |           |
| 403164.41  | 3809530.05         | 4.31670 | (18120408) | 403179.21 |
| 3809548.70 | 4.15431 (18120408) |         |            |           |
| 403194.02  | 3809567.35         | 3.98788 | (18120408) | 403208.83 |
| 3809586.00 | 3.81998 (18120408) |         |            |           |
| 403223.64  | 3809604.65         | 3.65323 | (18120408) | 403238.45 |
| 3809623.30 | 3.49029 (18120408) |         |            |           |
| 403253.26  | 3809641.94         | 3.45559 | (18013108) | 403268.07 |
| 3809660.59 | 3.46542 (18020108) |         |            |           |
| 403282.87  | 3809679.24         | 3.66437 | (17121008) | 403297.68 |
| 3809697.89 | 3.85962 (17121008) |         |            |           |
| 403312.49  | 3809716.54         | 4.04402 | (17121008) | 403327.30 |
| 3809735.19 | 4.21554 (17121008) |         |            |           |
| 403342.11  | 3809753.83         | 4.37230 | (17121008) | 403356.92 |
| 3809772.48 | 4.51276 (17121008) |         |            |           |
| 403371.73  | 3809791.13         | 4.63551 | (17121008) | 403386.53 |
| 3809809.78 | 4.73937 (17121008) |         |            |           |
| 403401.34  | 3809828.43         | 4.82354 | (17121008) | 403416.15 |
| 3809847.07 | 4.88739 (17121008) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 1031

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 403430.96   | 3809865.72         | 4.93061    | (17121008) | 403445.77   |
| 3809884.37  | 4.95311 (17121008) |            |            |             |
| 403460.58   | 3809903.02         | 4.95502    | (17121008) | 403475.39   |
| 3809921.67  | 4.93669 (17121008) |            |            |             |
| 403490.20   | 3809940.32         | 4.89867    | (17121008) | 403505.00   |
| 3809958.96  | 4.84169 (17121008) |            |            |             |
| 403519.81   | 3809977.61         | 4.98847    | (19120108) | 403534.62   |
| 3809996.26  | 5.16245 (19120108) |            |            |             |
| 403549.43   | 3810014.91         | 5.30665    | (19120108) | 403564.24   |
| 3810033.56  | 5.41826 (19120108) |            |            |             |
| 403579.05   | 3810052.21         | 5.49512    | (19120108) | 403593.86   |
| 3810070.85  | 5.53570 (19120108) |            |            |             |
| 403608.66   | 3810089.50         | 5.53925    | (19120108) | 403623.47   |
| 3810108.15  | 5.50568 (19120108) |            |            |             |
| 403638.28   | 3810126.80         | 5.43569    | (19120108) | 403653.09   |
| 3810145.45  | 5.33068 (19120108) |            |            |             |
| 403667.90   | 3810164.10         | 5.19275    | (19120108) | 403682.71   |
| 3810182.74  | 5.02464 (19120108) |            |            |             |
| 403697.52   | 3810201.39         | 4.82945    | (19120108) | 403712.32   |
| 3810220.04  | 4.61091 (19120108) |            |            |             |
| 403727.13   | 3810238.69         | 4.37283    | (19120108) | 403741.94   |
| 3810257.34  | 4.11939 (19120108) |            |            |             |
| 403756.75   | 3810275.99         | 3.86678    | (18111208) | 403771.56   |
| 3810294.63  | 3.78774 (18111208) |            |            |             |
| 403786.37   | 3810313.28         | 3.72080    | (19120708) | 403801.18   |
| 3810331.93  | 3.79417 (19120708) |            |            |             |
| 403815.98   | 3810350.58         | 3.84322    | (19120708) | 403830.79   |
| 3810369.23  | 3.86702 (19120708) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 403845.60  | 3810387.88          | 3.86509  | (19120708) | 403860.41 |
| 3810406.52 | 3.83752 (19120708)  |          |            |           |
| 403875.22  | 3810425.17          | 3.78486  | (19120708) | 403890.03 |
| 3810443.82 | 3.70817 (19120708)  |          |            |           |
| 403904.84  | 3810462.47          | 3.72054  | (17030324) | 403919.64 |
| 3810481.12 | 3.79182 (17030324)  |          |            |           |
| 403934.45  | 3810499.77          | 3.83893  | (17030324) | 403949.26 |
| 3810518.41 | 3.86095 (17030324)  |          |            |           |
| 403964.07  | 3810537.06          | 3.85748  | (17030324) | 403978.88 |
| 3810555.71 | 4.01872 (17101508)  |          |            |           |
| 403993.69  | 3810574.36          | 4.17692  | (17101508) | 404008.50 |
| 3810593.01 | 4.31265 (17101508)  |          |            |           |
| 404023.30  | 3810611.66          | 4.42338  | (17101508) | 404038.11 |
| 3810630.30 | 4.50704 (17101508)  |          |            |           |
| 404052.92  | 3810648.95          | 4.56208  | (17101508) | 404067.73 |
| 3810667.60 | 4.58743 (17101508)  |          |            |           |
| 404082.54  | 3810686.25          | 4.58263  | (17101508) | 404097.35 |
| 3810704.90 | 4.54781 (17101508)  |          |            |           |
| 404112.16  | 3810723.54          | 4.48372  | (17101508) | 404126.97 |
| 3810742.19 | 4.39161 (17101508)  |          |            |           |
| 404141.77  | 3810760.84          | 4.31733m | (17102708) | 404156.58 |
| 3810779.49 | 4.39860m (17102708) |          |            |           |
| 404171.39  | 3810798.14          | 4.45214m | (17102708) | 404186.20 |
| 3810816.79 | 4.47695m (17102708) |          |            |           |
| 404201.01  | 3810835.43          | 4.47260m | (17102708) | 404215.82 |
| 3810854.08 | 4.43923m (17102708) |          |            |           |
| 404230.63  | 3810872.73          | 4.37752m | (17102708) | 404245.43 |
| 3810891.38 | 4.28874m (17102708) |          |            |           |
| 404260.24  | 3810910.03          | 4.17458m | (17102708) | 404275.05 |
| 3810928.68 | 4.03724m (17102708) |          |            |           |
| 404289.86  | 3810947.32          | 3.87933m | (17102708) | 404304.67 |
| 3810965.97 | 3.70359m (17102708) |          |            |           |
| 404319.48  | 3810984.62          | 3.51314m | (17102708) | 404334.29 |
| 3811003.27 | 3.31115m (17102708) |          |            |           |
| 404349.09  | 3811021.92          | 3.20049  | (17092508) | 404363.90 |
| 3811040.57 | 3.29389 (17092508)  |          |            |           |
| 404378.71  | 3811059.21          | 3.37053  | (17092508) | 404393.52 |
| 3811077.86 | 3.42901 (17092508)  |          |            |           |
| 404408.33  | 3811096.51          | 3.46816  | (17092508) | 404423.14 |
| 3811115.16 | 3.48721 (17092508)  |          |            |           |
| 404437.95  | 3811133.81          | 3.48577  | (17092508) | 404452.75 |
| 3811152.46 | 3.46389 (17092508)  |          |            |           |
| 404467.56  | 3811171.10          | 3.44197  | (18011408) | 404482.37 |
| 3811189.75 | 3.55548 (18011408)  |          |            |           |
| 404497.18  | 3811208.40          | 3.64931  | (18011408) | 404511.99 |
| 3811227.05 | 3.72178 (18011408)  |          |            |           |
| 404526.80  | 3811245.70          | 3.78098  | (18111208) | 404541.61 |
| 3811264.35 | 3.83761 (18111208)  |          |            |           |
| 404556.41  | 3811282.99          | 3.87550  | (18111208) | 404571.22 |
| 3811301.64 | 3.89443 (18111208)  |          |            |           |

404586.03 3811320.29 3.89447 (18111208) 404600.84  
 3811338.94 3.87600 (18111208)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1032

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 404615.65   | 3811357.59  | 3.83974    | (18111208) | 404630.46   |
| 3811376.24  | 3.78666     | (18111208) |            |             |
| 404645.27   | 3811394.88  | 3.74908    | (19020108) | 404660.07   |
| 3811413.53  | 3.77912     | (19020108) |            |             |
| 404674.88   | 3811432.18  | 3.78559    | (19020108) | 404689.69   |
| 3811450.83  | 3.76843     | (19020108) |            |             |
| 404704.50   | 3811469.48  | 3.85290    | (17091008) | 404719.31   |
| 3811488.13  | 3.98713     | (17091008) |            |             |
| 404734.12   | 3811506.77  | 4.10029    | (17091008) | 404748.93   |
| 3811525.42  | 4.19050     | (17091008) |            |             |
| 404763.73   | 3811544.07  | 4.25614    | (17091008) | 404778.54   |
| 3811562.72  | 4.29608     | (17091008) |            |             |
| 404793.35   | 3811581.37  | 4.30965    | (17091008) | 404808.16   |
| 3811600.01  | 4.29666     | (17091008) |            |             |
| 404822.97   | 3811618.66  | 4.25742    | (17091008) | 404837.78   |
| 3811637.31  | 4.19270     | (17091008) |            |             |
| 404852.59   | 3811655.96  | 4.10375    | (17091008) | 404867.40   |
| 3811674.61  | 3.99221     | (17091008) |            |             |
| 404882.20   | 3811693.26  | 3.95224    | (17120924) | 404897.01   |
| 3811711.90  | 3.97581     | (17120924) |            |             |
| 404911.82   | 3811730.55  | 3.98538    | (17120924) | 404926.63   |
| 3811749.20  | 3.98094     | (17120924) |            |             |
| 404941.44   | 3811767.85  | 3.96255    | (17120924) | 404956.25   |
| 3811786.50  | 3.93041     | (17120924) |            |             |
| 404971.06   | 3811805.15  | 3.88479    | (17120924) | 404985.86   |
| 3811823.79  | 3.82610     | (17120924) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 405000.67  | 3811842.44         | 3.75474 | (17120924) | 405015.48 |
| 3811861.09 | 3.69407 (17101308) |         |            |           |
| 405030.29  | 3811879.74         | 3.72040 | (17101308) | 405045.10 |
| 3811898.39 | 3.72453 (17101308) |         |            |           |
| 405059.91  | 3811917.04         | 3.70643 | (17101308) | 405074.72 |
| 3811935.68 | 3.66651 (17101308) |         |            |           |
| 405089.52  | 3811954.33         | 3.60554 | (17101308) | 405104.33 |
| 3811972.98 | 3.52462 (17101308) |         |            |           |
| 405119.14  | 3811991.63         | 3.42521 | (17101308) | 405133.95 |
| 3812010.28 | 3.30904 (17101308) |         |            |           |
| 405148.76  | 3812028.93         | 3.17808 | (17101308) | 405163.57 |
| 3812047.57 | 3.04215 (20010308) |         |            |           |
| 402335.12  | 3808485.75         | 3.10857 | (18020324) | 402316.61 |
| 3808470.76 | 3.13401 (18020324) |         |            |           |
| 402298.10  | 3808455.78         | 3.13892 | (18020324) | 402279.59 |
| 3808440.79 | 3.27646 (17102808) |         |            |           |
| 402261.08  | 3808425.80         | 3.41372 | (17102808) | 402242.57 |
| 3808410.82 | 3.53333 (17102808) |         |            |           |
| 402224.05  | 3808395.83         | 3.63314 | (17102808) | 402205.54 |
| 3808380.85 | 3.71113 (17102808) |         |            |           |
| 402187.03  | 3808365.86         | 3.76586 | (17102808) | 402168.52 |
| 3808350.87 | 3.79622 (17102808) |         |            |           |
| 402150.01  | 3808335.89         | 3.80160 | (17102808) | 402131.50 |
| 3808320.90 | 3.78188 (17102808) |         |            |           |
| 402112.99  | 3808305.92         | 3.73745 | (17102808) | 402094.47 |
| 3808290.93 | 3.66910 (17102808) |         |            |           |
| 403188.84  | 3807468.03         | 2.79958 | (17102808) | 403203.60 |
| 3807486.62 | 2.71751 (18020324) |         |            |           |
| 403218.37  | 3807505.22         | 2.71480 | (18020324) | 403233.13 |
| 3807523.81 | 2.69787 (18020324) |         |            |           |
| 403247.89  | 3807542.40         | 2.66699 | (18020324) | 403262.66 |
| 3807560.99 | 2.62260 (18020324) |         |            |           |
| 403277.42  | 3807579.58         | 2.56539 | (18020324) | 403292.19 |
| 3807598.17 | 2.53114 (17051908) |         |            |           |
| 403306.95  | 3807616.77         | 2.56832 | (17051908) | 403321.71 |
| 3807635.36 | 2.60787 (18102708) |         |            |           |
| 403336.48  | 3807653.95         | 2.74183 | (18102708) | 403351.24 |
| 3807672.54 | 2.86830 (18102708) |         |            |           |
| 403366.00  | 3807691.13         | 2.98557 | (18102708) | 403380.77 |
| 3807709.72 | 3.09198 (18102708) |         |            |           |
| 403395.53  | 3807728.32         | 3.18593 | (18102708) | 403410.30 |
| 3807746.91 | 3.26596 (18102708) |         |            |           |
| 403425.06  | 3807765.50         | 3.33083 | (18102708) | 403439.82 |
| 3807784.09 | 3.37950 (18102708) |         |            |           |
| 403454.59  | 3807802.68         | 3.41120 | (18102708) | 403469.35 |
| 3807821.28 | 3.42536 (18102708) |         |            |           |
| 403484.11  | 3807839.87         | 3.42172 | (18102708) | 403498.88 |
| 3807858.46 | 3.42953 (19010808) |         |            |           |
| 403513.64  | 3807877.05         | 3.61176 | (19010808) | 403528.41 |
| 3807895.64 | 3.78558 (19010808) |         |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 403543.17  | 3807914.23 | 3.94875    | (19010808) | 403557.93 |
| 3807932.83 | 4.09931    | (19010808) |            |           |
| 403572.70  | 3807951.42 | 4.23523    | (19010808) | 403587.46 |
| 3807970.01 | 4.35466    | (19010808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume Study  
 \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1033

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 403602.22   | 3807988.60  | 4.45601    | (19010808) | 403616.99   |
| 3808007.19  | 4.53788     | (19010808) |            |             |
| 403631.75   | 3808025.78  | 4.59907    | (19010808) | 403646.52   |
| 3808044.38  | 4.63875     | (19010808) |            |             |
| 403661.28   | 3808062.97  | 4.65629    | (19010808) | 403676.04   |
| 3808081.56  | 4.65146     | (19010808) |            |             |
| 403690.81   | 3808100.15  | 4.62429    | (19010808) | 403705.57   |
| 3808118.74  | 4.57520     | (19010808) |            |             |
| 403720.33   | 3808137.34  | 4.50483    | (19010808) | 403735.10   |
| 3808155.93  | 4.41418     | (19010808) |            |             |
| 403749.86   | 3808174.52  | 4.30431    | (19010808) | 403764.62   |
| 3808193.11  | 4.17718     | (19010808) |            |             |
| 403779.39   | 3808211.70  | 4.03417    | (19010808) | 403794.15   |
| 3808230.29  | 4.04976     | (18120408) |            |             |
| 403808.92   | 3808248.89  | 4.13830    | (18120408) | 403823.68   |
| 3808267.48  | 4.21958     | (18120408) |            |             |
| 403838.44   | 3808286.07  | 4.29355    | (18120408) | 403853.21   |
| 3808304.66  | 4.36014     | (18120408) |            |             |
| 403867.97   | 3808323.25  | 4.42014    | (18120408) | 403882.73   |
| 3808341.85  | 4.47186     | (18120408) |            |             |
| 403897.50   | 3808360.44  | 4.51580    | (18120408) | 403912.26   |
| 3808379.03  | 4.55174     | (18120408) |            |             |
| 403927.03   | 3808397.62  | 4.57943    | (18120408) | 403941.79   |
| 3808416.21  | 4.59856     | (18120408) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 403956.55  | 3808434.80         | 4.60880 | (18120408) | 403971.32 |
| 3808453.40 | 4.60979 (18120408) |         |            |           |
| 403986.08  | 3808471.99         | 4.60118 | (18120408) | 404000.84 |
| 3808490.58 | 4.58263 (18120408) |         |            |           |
| 404015.61  | 3808509.17         | 4.55384 | (18120408) | 404030.37 |
| 3808527.76 | 4.51462 (18120408) |         |            |           |
| 404045.14  | 3808546.35         | 4.46482 | (18120408) | 404059.90 |
| 3808564.95 | 4.40442 (18120408) |         |            |           |
| 404074.66  | 3808583.54         | 4.33360 | (18120408) | 404089.43 |
| 3808602.13 | 4.25258 (18120408) |         |            |           |
| 404104.19  | 3808620.72         | 4.16188 | (18120408) | 404118.95 |
| 3808639.31 | 4.06210 (18120408) |         |            |           |
| 404133.72  | 3808657.91         | 3.95401 | (18120408) | 404148.48 |
| 3808676.50 | 3.83872 (18120408) |         |            |           |
| 404163.25  | 3808695.09         | 3.71731 | (18120408) | 404178.01 |
| 3808713.68 | 3.59116 (18120408) |         |            |           |
| 404192.77  | 3808732.27         | 3.46170 | (18120408) | 404207.54 |
| 3808750.86 | 3.33045 (18120408) |         |            |           |
| 404222.30  | 3808769.46         | 3.19908 | (18120408) | 404237.06 |
| 3808788.05 | 3.06930 (18120408) |         |            |           |
| 404251.83  | 3808806.64         | 2.99020 | (18013108) | 404266.59 |
| 3808825.23 | 2.99512 (18013108) |         |            |           |
| 404281.36  | 3808843.82         | 2.98366 | (18013108) | 404296.12 |
| 3808862.41 | 3.12932 (17121008) |         |            |           |
| 404310.88  | 3808881.01         | 3.28237 | (17121008) | 404325.65 |
| 3808899.60 | 3.42820 (17121008) |         |            |           |
| 404340.41  | 3808918.19         | 3.56549 | (17121008) | 404355.17 |
| 3808936.78 | 3.69310 (17121008) |         |            |           |
| 404369.94  | 3808955.37         | 3.80996 | (17121008) | 404384.70 |
| 3808973.97 | 3.91511 (17121008) |         |            |           |
| 404399.46  | 3808992.56         | 4.00768 | (17121008) | 404414.23 |
| 3809011.15 | 4.08708 (17121008) |         |            |           |
| 404428.99  | 3809029.74         | 4.15276 | (17121008) | 404443.76 |
| 3809048.33 | 4.20439 (17121008) |         |            |           |
| 404458.52  | 3809066.92         | 4.24176 | (17121008) | 404473.28 |
| 3809085.52 | 4.26479 (17121008) |         |            |           |
| 404488.05  | 3809104.11         | 4.27354 | (17121008) | 404502.81 |
| 3809122.70 | 4.26819 (17121008) |         |            |           |
| 404517.57  | 3809141.29         | 4.24904 | (17121008) | 404532.34 |
| 3809159.88 | 4.21644 (17121008) |         |            |           |
| 404547.10  | 3809178.48         | 4.17087 | (17121008) | 404561.87 |
| 3809197.07 | 4.29183 (19120108) |         |            |           |
| 404576.63  | 3809215.66         | 4.43260 | (19120108) | 404591.39 |
| 3809234.25 | 4.55304 (19120108) |         |            |           |
| 404606.16  | 3809252.84         | 4.65128 | (19120108) | 404620.92 |
| 3809271.43 | 4.72574 (19120108) |         |            |           |
| 404635.68  | 3809290.03         | 4.77528 | (19120108) | 404650.45 |
| 3809308.62 | 4.79905 (19120108) |         |            |           |
| 404665.21  | 3809327.21         | 4.79670 | (19120108) | 404679.98 |
| 3809345.80 | 4.76827 (19120108) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 404694.74  | 3809364.39 | 4.71427    | (19120108) | 404709.50 |
| 3809382.98 | 4.63556    | (19120108) |            |           |
| 404724.27  | 3809401.58 | 4.53335    | (19120108) | 404739.03 |
| 3809420.17 | 4.40939    | (19120108) |            |           |
| 404753.79  | 3809438.76 | 4.26555    | (19120108) | 404768.56 |
| 3809457.35 | 4.10399    | (19120108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1034

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 404783.32   | 3809475.94  | 3.92719    | (19120108) | 404798.09   |
| 3809494.54  | 3.73753     | (19120108) |            |             |
| 404812.85   | 3809513.13  | 3.53787    | (19120108) | 404827.61   |
| 3809531.72  | 3.36191     | (18111208) |            |             |
| 404842.38   | 3809550.31  | 3.30181    | (18111208) | 404857.14   |
| 3809568.90  | 3.22650     | (18111208) |            |             |
| 404871.90   | 3809587.49  | 3.26340    | (19120708) | 404886.67   |
| 3809606.09  | 3.31165     | (19120708) |            |             |
| 404901.43   | 3809624.68  | 3.34241    | (19120708) | 404916.20   |
| 3809643.27  | 3.35524     | (19120708) |            |             |
| 404930.96   | 3809661.86  | 3.34995    | (19120708) | 404945.72   |
| 3809680.45  | 3.32663     | (19120708) |            |             |
| 404960.49   | 3809699.04  | 3.28566    | (19120708) | 404975.25   |
| 3809717.64  | 3.22771     | (19120708) |            |             |
| 404990.01   | 3809736.23  | 3.19982    | (17030324) | 405004.78   |
| 3809754.82  | 3.26299     | (17030324) |            |             |
| 405019.54   | 3809773.41  | 3.30952    | (17030324) | 405034.30   |
| 3809792.00  | 3.33870     | (17030324) |            |             |
| 405049.07   | 3809810.60  | 3.35009    | (17030324) | 405063.83   |
| 3809829.19  | 3.34350     | (17030324) |            |             |
| 405078.60   | 3809847.78  | 3.47127    | (17101508) | 405093.36   |
| 3809866.37  | 3.59641     | (17101508) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 405108.12  | 3809884.96          | 3.70606  | (17101508) | 405122.89 |
| 3809903.55 | 3.79860 (17101508)  |          |            |           |
| 405137.65  | 3809922.15          | 3.87261  | (17101508) | 405152.41 |
| 3809940.74 | 3.92691 (17101508)  |          |            |           |
| 405167.18  | 3809959.33          | 3.96071  | (17101508) | 405181.94 |
| 3809977.92 | 3.97347 (17101508)  |          |            |           |
| 405196.71  | 3809996.51          | 3.96502  | (17101508) | 405211.47 |
| 3810015.11 | 3.93552 (17101508)  |          |            |           |
| 405226.23  | 3810033.70          | 3.88548  | (17101508) | 405241.00 |
| 3810052.29 | 3.81567 (17101508)  |          |            |           |
| 405255.76  | 3810070.88          | 3.72726  | (17101508) | 405270.52 |
| 3810089.47 | 3.78419m (17102708) |          |            |           |
| 405285.29  | 3810108.06          | 3.83691m | (17102708) | 405300.05 |
| 3810126.66 | 3.86975m (17102708) |          |            |           |
| 405314.82  | 3810145.25          | 3.88222m | (17102708) | 405329.58 |
| 3810163.84 | 3.87414m (17102708) |          |            |           |
| 405344.34  | 3810182.43          | 3.84570m | (17102708) | 405359.11 |
| 3810201.02 | 3.79734m (17102708) |          |            |           |
| 405373.87  | 3810219.61          | 3.72988m | (17102708) | 405388.63 |
| 3810238.21 | 3.64436m (17102708) |          |            |           |
| 405403.40  | 3810256.80          | 3.54213m | (17102708) | 405418.16 |
| 3810275.39 | 3.42478m (17102708) |          |            |           |
| 405432.93  | 3810293.98          | 3.29398m | (17102708) | 405447.69 |
| 3810312.57 | 3.15168m (17102708) |          |            |           |
| 405462.45  | 3810331.17          | 2.99978m | (17102708) | 405477.22 |
| 3810349.76 | 2.84038m (17102708) |          |            |           |
| 405491.98  | 3810368.35          | 2.76516  | (17092508) | 405506.74 |
| 3810386.94 | 2.84082 (17092508)  |          |            |           |
| 405521.51  | 3810405.53          | 2.90499  | (17092508) | 405536.27 |
| 3810424.12 | 2.95664 (17092508)  |          |            |           |
| 405551.04  | 3810442.72          | 2.99503  | (17092508) | 405565.80 |
| 3810461.31 | 3.01948 (17092508)  |          |            |           |
| 405580.56  | 3810479.90          | 3.02966  | (17092508) | 405595.33 |
| 3810498.49 | 3.02538 (17092508)  |          |            |           |
| 405610.09  | 3810517.08          | 3.00673  | (17092508) | 405624.85 |
| 3810535.67 | 2.97400 (17092508)  |          |            |           |
| 405639.62  | 3810554.27          | 3.06147  | (18011408) | 405654.38 |
| 3810572.86 | 3.13933 (18011408)  |          |            |           |
| 405669.14  | 3810591.45          | 3.20253  | (18011408) | 405683.91 |
| 3810610.04 | 3.25015 (18011408)  |          |            |           |
| 405698.67  | 3810628.63          | 3.28147  | (18011408) | 405713.44 |
| 3810647.23 | 3.31977 (18111208)  |          |            |           |
| 405728.20  | 3810665.82          | 3.34609  | (18111208) | 405742.96 |
| 3810684.41 | 3.35911 (18111208)  |          |            |           |
| 405757.73  | 3810703.00          | 3.35890  | (18111208) | 405772.49 |
| 3810721.59 | 3.34571 (18111208)  |          |            |           |
| 405787.25  | 3810740.18          | 3.31997  | (18111208) | 405802.02 |
| 3810758.78 | 3.28227 (18111208)  |          |            |           |
| 405816.78  | 3810777.37          | 3.23336  | (18111208) | 405831.55 |
| 3810795.96 | 3.26316 (19020108)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 405846.31  | 3810814.55 | 3.28078    | (19020108) | 405861.07 |
| 3810833.14 | 3.28177    | (19020108) |            |           |
| 405875.84  | 3810851.74 | 3.26613    | (19020108) | 405890.60 |
| 3810870.33 | 3.31922    | (17091008) |            |           |
| 405905.36  | 3810888.92 | 3.42674    | (17091008) | 405920.13 |
| 3810907.51 | 3.51985    | (17091008) |            |           |
| 405934.89  | 3810926.10 | 3.59721    | (17091008) | 405949.66 |
| 3810944.69 | 3.65777    | (17091008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1035

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 405964.42   | 3810963.29  | 3.70066    | (17091008) | 405979.18   |
| 3810981.88  | 3.72525     | (17091008) |            |             |
| 405993.95   | 3811000.47  | 3.73123    | (17091008) | 406008.71   |
| 3811019.06  | 3.71856     | (17091008) |            |             |
| 406023.47   | 3811037.65  | 3.68747    | (17091008) | 406038.24   |
| 3811056.24  | 3.63845     | (17091008) |            |             |
| 406053.00   | 3811074.84  | 3.57225    | (17091008) | 406067.77   |
| 3811093.43  | 3.48990     | (17091008) |            |             |
| 406082.53   | 3811112.02  | 3.39262    | (17091008) | 406097.29   |
| 3811130.61  | 3.41359     | (17120924) |            |             |
| 406112.06   | 3811149.20  | 3.42807    | (17120924) | 406126.82   |
| 3811167.80  | 3.43293     | (17120924) |            |             |
| 406141.58   | 3811186.39  | 3.42817    | (17120924) | 406156.35   |
| 3811204.98  | 3.41386     | (17120924) |            |             |
| 406171.11   | 3811223.57  | 3.39011    | (17120924) | 406185.88   |
| 3811242.16  | 3.35707     | (17120924) |            |             |
| 406200.64   | 3811260.75  | 3.31497    | (17120924) | 406215.40   |
| 3811279.35  | 3.26403     | (17120924) |            |             |
| 406230.17   | 3811297.94  | 3.20459    | (17120924) | 406244.93   |
| 3811316.53  | 3.21178     | (17101308) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 406259.69  | 3811335.12          | 3.22849  | (17101308) | 406274.46 |
| 3811353.71 | 3.22954 (17101308)  |          |            |           |
| 406289.22  | 3811372.30          | 3.21497  | (17101308) | 406303.98 |
| 3811390.90 | 3.18501 (17101308)  |          |            |           |
| 406318.75  | 3811409.49          | 3.14014  | (17101308) | 406333.51 |
| 3811428.08 | 3.08104 (17101308)  |          |            |           |
| 406348.28  | 3811446.67          | 3.00857  | (17101308) | 406363.04 |
| 3811465.26 | 2.92378 (17101308)  |          |            |           |
| 403174.08  | 3807449.44          | 2.90813  | (17102808) | 403155.56 |
| 3807434.45 | 3.00797 (17102808)  |          |            |           |
| 403137.05  | 3807419.47          | 3.09451  | (17102808) | 403118.54 |
| 3807404.48 | 3.16651 (17102808)  |          |            |           |
| 403100.03  | 3807389.50          | 3.22280  | (17102808) | 403081.52 |
| 3807374.51 | 3.26251 (17102808)  |          |            |           |
| 403063.01  | 3807359.52          | 3.28498  | (17102808) | 403044.50 |
| 3807344.54 | 3.28985 (17102808)  |          |            |           |
| 403025.98  | 3807329.55          | 3.27701  | (17102808) | 403007.47 |
| 3807314.56 | 3.24668 (17102808)  |          |            |           |
| 402988.96  | 3807299.58          | 3.19934  | (17102808) | 402970.45 |
| 3807284.59 | 3.13570 (17102808)  |          |            |           |
| 402951.94  | 3807269.61          | 3.05681  | (17102808) | 402933.43 |
| 3807254.62 | 2.96383 (17102808)  |          |            |           |
| 395476.39  | 3816429.65          | 12.65445 | (20051424) | 395458.39 |
| 3816412.65 | 10.46010 (16013124) |          |            |           |
| 395440.38  | 3816395.66          | 12.59079 | (16013124) | 395422.38 |
| 3816378.66 | 13.30888 (16013124) |          |            |           |
| 395404.37  | 3816361.67          | 12.48627 | (16013124) | 395386.37 |
| 3816344.68 | 14.21928 (16122416) |          |            |           |
| 395368.36  | 3816327.68          | 14.31615 | (16122416) | 395350.36 |
| 3816310.69 | 11.98821 (20050116) |          |            |           |
| 395332.35  | 3816293.69          | 12.50155 | (20050116) | 395314.35 |
| 3816276.70 | 13.30964 (18041916) |          |            |           |
| 395475.55  | 3816394.47          | 12.06043 | (16013124) | 395457.54 |
| 3816377.48 | 12.86051 (16013124) |          |            |           |
| 395439.54  | 3816360.48          | 12.24258 | (16013124) | 395421.53 |
| 3816343.49 | 13.66053 (16122416) |          |            |           |
| 395403.53  | 3816326.49          | 14.46135 | (16122416) | 395385.52 |
| 3816309.50 | 12.32809 (16122416) |          |            |           |
| 395367.52  | 3816292.51          | 12.66486 | (20050116) | 395349.51 |
| 3816275.51 | 13.08352 (18041916) |          |            |           |
| 395331.51  | 3816258.52          | 13.17552 | (18021016) | 395492.71 |
| 3816376.29 | 12.63867 (16013124) |          |            |           |
| 395474.70  | 3816359.30          | 12.22007 | (16013124) | 395456.70 |
| 3816342.30 | 13.21014 (16122416) |          |            |           |
| 395438.69  | 3816325.31          | 14.54096 | (16122416) | 395420.69 |
| 3816308.31 | 13.28584 (16122416) |          |            |           |
| 395402.68  | 3816291.32          | 12.46259 | (20050116) | 395384.68 |
| 3816274.33 | 12.85719 (18041916) |          |            |           |
| 395366.67  | 3816257.33          | 12.78083 | (18041916) | 395348.67 |
| 3816240.34 | 13.49180 (17042716) |          |            |           |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816215.04 | 395594.82 | 3816232.03 | 17.40665   | (20122616) | 395576.82 |
|            |           | 18.74794   | (20122616) |            |           |
| 3816181.05 | 395558.81 | 3816198.04 | 18.57343   | (17042008) | 395540.81 |
|            |           | 19.31380   | (18040808) |            |           |
| 3816147.06 | 395522.80 | 3816164.05 | 20.37503   | (18040808) | 395504.80 |
|            |           | 17.28627   | (17042716) |            |           |
| 3816113.07 | 395486.79 | 3816130.07 | 16.50919   | (18102924) | 395468.79 |
|            |           | 18.39819   | (18102924) |            |           |
| 3816195.67 | 395647.15 | 3816212.66 | 16.47471   | (20122616) | 395629.14 |
|            |           | 16.66170   | (20122616) |            |           |
| 3816161.68 | 395611.14 | 3816178.68 | 15.09969   | (17042008) | 395593.13 |
|            |           | 15.66984   | (18040808) |            |           |
| 3816127.69 | 395575.13 | 3816144.69 | 15.85457   | (18040808) | 395557.12 |
|            |           | 13.97247   | (17042716) |            |           |
| 3816093.71 | 395539.12 | 3816110.70 | 13.06216   | (17101916) | 395521.11 |
|            |           | 15.48148   | (18102924) |            |           |
| 3816176.30 | 395503.11 | 3816076.71 | 16.32117   | (18102924) | 395681.47 |
|            |           | 13.58089   | (20122616) |            |           |
| 3816142.31 | 395663.46 | 3816159.31 | 12.53126   | (17042008) | 395645.46 |
|            |           | 13.72942   | (18040808) |            |           |
| 3816108.33 | 395627.45 | 3816125.32 | 14.41629   | (18040808) | 395609.45 |
|            |           | 13.39113   | (18040808) |            |           |
| 3816074.34 | 395591.44 | 3816091.33 | 12.31365   | (17101916) | 395573.44 |
|            |           | 14.37787   | (18102924) |            |           |
| 3816040.35 | 395555.43 | 3816057.34 | 16.05552   | (18102924) | 395537.43 |
|            |           | 15.52900   | (18102924) |            |           |
| 3816069.59 | 395732.10 | 3816086.58 | 13.25040   | (18040808) | 395714.10 |
|            |           | 12.71113   | (18040808) |            |           |
| 3816035.60 | 395696.09 | 3816052.60 | 11.79618   | (18122524) | 395678.09 |
|            |           | 12.25739   | (18102924) |            |           |
| 3816001.61 | 395660.08 | 3816018.61 | 14.44050   | (18102924) | 395642.08 |
|            |           | 15.20766   | (18102924) |            |           |
| 3815967.63 | 395624.07 | 3815984.62 | 14.16970   | (18102924) | 395606.07 |
|            |           | 11.66386   | (18102924) |            |           |
| 3815996.87 | 395800.74 | 3816013.86 | 11.54466   | (18122524) | 395782.74 |
|            |           | 10.91429   | (18122524) |            |           |
| 3815962.88 | 395764.73 | 3815979.87 | 12.66214   | (18102924) | 395746.73 |
|            |           | 14.21727   | (18102924) |            |           |
| 3815928.89 | 395728.72 | 3815945.89 | 14.46120   | (18102924) | 395710.72 |
|            |           | 13.34213   | (18102924) |            |           |
| 3815894.90 | 395692.71 | 3815911.90 | 11.05379   | (18102924) | 395674.71 |
|            |           | 10.30978   | (16120516) |            |           |
| 3815924.14 | 395869.38 | 3815941.14 | 12.30848   | (18102924) | 395851.38 |
|            |           | 14.20974   | (18102924) |            |           |
| 3815890.16 | 395833.37 | 3815907.15 | 14.89819   | (18102924) | 395815.37 |
|            |           | 14.53036   | (18102924) |            |           |
| 3815856.17 | 395797.36 | 3815873.16 | 13.66520   | (18102924) | 395779.36 |
|            |           | 11.71854   | (18102924) |            |           |
| 3815822.18 | 395761.35 | 3815839.17 | 11.93762   | (19032008) | 395743.35 |
|            |           | 10.53612   | (19011424) |            |           |



|            |                     |           |            |           |
|------------|---------------------|-----------|------------|-----------|
| 395920.02  | 3815851.42          | 20.90931  | (18111208) | 395902.01 |
| 3815834.43 | 18.70959 (20020508) |           |            |           |
| 395884.01  | 3815817.43          | 19.25340  | (17101508) | 395866.00 |
| 3815800.44 | 21.84346 (17101508) |           |            |           |
| 395848.00  | 3815783.45          | 13.62173  | (18020508) | 395829.99 |
| 3815766.45 | 11.95268 (19011424) |           |            |           |
| 395811.99  | 3815749.46          | 11.18972m | (18041308) | 395988.66 |
| 3815778.70 | 27.05295 (20020508) |           |            |           |
| 395970.65  | 3815761.71          | 35.28574  | (17101508) | 395952.65 |
| 3815744.71 | 34.77415 (17101508) |           |            |           |
| 395934.64  | 3815727.72          | 20.56819  | (17101508) | 395916.64 |
| 3815710.72 | 16.76187 (19103108) |           |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1037

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| -----       |                     |            |            |             |
| 395898.63   | 3815693.73          | 15.13337   | (19103108) | 395880.63   |
| 3815676.74  | 15.92529 (19120108) |            |            |             |
| 396142.25   | 3815579.90          | 37.55884   | (18091824) | 396124.24   |
| 3815562.90  | 45.19806 (19120108) |            |            |             |
| 396106.24   | 3815545.91          | 57.24422   | (19120108) | 396088.23   |
| 3815528.92  | 59.12879 (19120108) |            |            |             |
| 396070.23   | 3815511.92          | 57.51335   | (17121008) | 396052.22   |
| 3815494.93  | 48.33566 (17121008) |            |            |             |
| 396295.84   | 3815381.10          | 51.46850   | (19120108) | 396277.84   |
| 3815364.10  | 48.86036 (17121008) |            |            |             |
| 396259.83   | 3815347.11          | 46.74783   | (17121008) | 396241.83   |
| 3815330.11  | 38.90139 (18120408) |            |            |             |
| 396223.82   | 3815313.12          | 46.57897   | (18120408) | 396467.44   |
| 3815199.29  | 41.21972 (17121008) |            |            |             |
| 396449.44   | 3815182.30          | 37.07594   | (17121008) | 396431.43   |
| 3815165.30  | 34.68225 (18120408) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396413.43  | 3815148.31 | 40.72383   | (18120408) | 396395.42 |
| 3815131.31 | 46.06438   | (18120408) |            |           |
| 396621.04  | 3815000.49 | 31.24833   | (18120408) | 396603.03 |
| 3814983.49 | 36.00722   | (18120408) |            |           |
| 396585.03  | 3814966.50 | 39.97628   | (18120408) | 396567.02 |
| 3814949.51 | 42.07479   | (18120408) |            |           |
| 396928.22  | 3814602.89 | 32.38988   | (18120408) | 396910.22 |
| 3814585.89 | 31.09558   | (18120408) |            |           |
| 397253.41  | 3814222.28 | 22.68376   | (19010808) | 399950.24 |
| 3811725.71 | 8.57649    | (19010808) |            |           |
| 400865.44  | 3810756.07 | 7.56649    | (19010808) | 400847.43 |
| 3810739.08 | 7.59074    | (19010808) |            |           |
| 400829.43  | 3810722.08 | 7.53511    | (19010808) | 400811.42 |
| 3810705.09 | 7.40130    | (19010808) |            |           |
| 400793.42  | 3810688.09 | 7.19335    | (19010808) | 400775.41 |
| 3810671.10 | 6.91765    | (19010808) |            |           |
| 401780.63  | 3809786.43 | 6.17026    | (19010808) | 401762.63 |
| 3809769.44 | 6.04197    | (19010808) |            |           |
| 401744.62  | 3809752.44 | 5.86868    | (19010808) | 401726.62 |
| 3809735.45 | 5.65456    | (19010808) |            |           |
| 401708.61  | 3809718.45 | 5.40422    | (19010808) | 401690.61 |
| 3809701.46 | 5.12347    | (19010808) |            |           |
| 401672.60  | 3809684.47 | 4.81810    | (19010808) | 401654.60 |
| 3809667.47 | 4.60221    | (18102708) |            |           |
| 401636.59  | 3809650.48 | 4.60878    | (18102708) | 401618.59 |
| 3809633.48 | 4.57498    | (18102708) |            |           |
| 401600.58  | 3809616.49 | 4.50175    | (18102708) | 402695.82 |
| 3808816.79 | 4.91355    | (19010808) |            |           |
| 402677.82  | 3808799.80 | 4.74359    | (19010808) | 402659.81 |
| 3808782.80 | 4.55018    | (19010808) |            |           |
| 402641.81  | 3808765.81 | 4.33689    | (19010808) | 402623.80 |
| 3808748.82 | 4.10715    | (19010808) |            |           |
| 402605.80  | 3808731.82 | 3.90583    | (18102708) | 402587.79 |
| 3808714.83 | 3.92261    | (18102708) |            |           |
| 402569.79  | 3808697.83 | 3.91212    | (18102708) | 402551.78 |
| 3808680.84 | 3.87461    | (18102708) |            |           |
| 402533.78  | 3808663.85 | 3.81092    | (18102708) | 402515.77 |
| 3808646.85 | 3.72234    | (18102708) |            |           |
| 403611.02  | 3807847.15 | 3.90650    | (19010808) | 403593.01 |
| 3807830.16 | 3.73925    | (19010808) |            |           |
| 403575.01  | 3807813.16 | 3.56055    | (19010808) | 403557.00 |
| 3807796.17 | 3.37488    | (18102708) |            |           |
| 403539.00  | 3807779.18 | 3.39539    | (18102708) | 403520.99 |
| 3807762.18 | 3.39672    | (18102708) |            |           |
| 403502.99  | 3807745.19 | 3.37885    | (18102708) | 403484.98 |
| 3807728.19 | 3.34210    | (18102708) |            |           |
| 403466.98  | 3807711.20 | 3.28715    | (18102708) | 403448.97 |
| 3807694.21 | 3.21491    | (18102708) |            |           |
| 403430.97  | 3807677.21 | 3.12663    | (18102708) | 395291.74 |
| 3816263.87 | 14.25733   | (18021016) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395257.77  | 3816246.22 | 16.34057   | (17101916) | 395303.26 |
| 3816241.69 | 13.32647   | (17042716) |            |           |
| 395269.30  | 3816224.04 | 15.41947   | (19051716) | 395314.79 |
| 3816219.50 | 13.59969   | (17101916) |            |           |
| 395280.83  | 3816201.85 | 14.98736   | (19051716) | 395343.30 |
| 3816206.15 | 13.85051   | (17101916) |            |           |
| 395309.34  | 3816188.50 | 15.02120   | (19051716) | 395275.37 |
| 3816170.85 | 13.54878   | (17100116) |            |           |
| 395377.62  | 3816169.78 | 14.99431   | (19051716) | 395349.37 |
| 3816152.95 | 14.62029   | (18102924) |            |           |
| 395315.41  | 3816135.30 | 12.84467   | (17100116) | 395404.43 |
| 3816128.09 | 15.51195   | (18102924) |            |           |
| 395372.43  | 3816108.59 | 13.81357   | (17100116) | 395338.46 |
| 3816090.94 | 12.83009   | (18083116) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1038

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395426.55   | 3816083.05  | 14.20666   | (17100116) | 395395.49   |
| 3816064.22  | 12.37294    | (18083116) |            |             |
| 395361.52   | 3816046.57  | 13.52516   | (16020116) | 395449.04   |
| 3816038.28  | 11.66239    | (18083116) |            |             |
| 395476.07   | 3816057.50  | 13.73899   | (18102924) | 395418.54   |
| 3816019.85  | 12.45579    | (16020116) |            |             |
| 395384.58   | 3816002.20  | 13.08081   | (16020116) | 395471.72   |
| 3815993.65  | 11.59341    | (18083116) |            |             |
| 395498.00   | 3816012.33  | 11.54350   | (17100116) | 395441.60   |
| 3815975.48  | 12.91889    | (16020116) |            |             |
| 395407.63   | 3815957.83  | 12.02233   | (16020116) | 395519.17   |
| 3815905.87  | 12.22963    | (16020116) |            |             |
| 395548.14   | 3815926.45  | 11.14937   | (16020116) | 395577.10   |
| 3815947.04  | 10.61985    | (16120516) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3815869.10 | 395487.71 | 3815886.75 | 11.54230   | (16020116) | 395453.74 |
|            |           | 8.99850    | (16020116) |            |           |
|            | 395566.29 | 3815817.85 | 10.61613   | (16020116) | 395597.27 |
| 3815839.86 |           | 11.20852   | (16020116) |            |           |
|            | 395628.24 | 3815861.88 | 10.47814   | (16020116) | 395533.82 |
| 3815798.02 |           | 8.72214    | (16020116) |            |           |
|            | 395499.85 | 3815780.37 | 7.55914    | (17033024) | 395611.56 |
| 3815728.51 |           | 8.71446    | (18040824) |            |           |
|            | 395640.84 | 3815749.33 | 9.70548    | (16020116) | 395670.13 |
| 3815770.14 |           | 10.12303   | (16020116) |            |           |
|            | 395699.42 | 3815790.96 | 10.15256m  | (18041308) | 395579.93 |
| 3815709.28 |           | 7.58920    | (18040824) |            |           |
|            | 395545.96 | 3815691.63 | 7.36967    | (19040208) | 395658.38 |
| 3815640.29 |           | 10.51211c  | (19091608) |            |           |
|            | 395689.10 | 3815662.12 | 14.45912   | (19123008) | 395719.82 |
| 3815683.96 |           | 18.91174   | (18120408) |            |           |
|            | 395750.54 | 3815705.79 | 11.11371   | (16021508) | 395781.27 |
| 3815727.62 |           | 11.57377m  | (18041308) |            |           |
|            | 395626.04 | 3815620.55 | 11.02841c  | (19091608) | 395592.08 |
| 3815602.90 |           | 10.18286   | (19040208) |            |           |
|            | 395703.86 | 3815551.11 | 18.07934   | (19010208) | 395733.32 |
| 3815572.05 |           | 21.41868   | (19010808) |            |           |
|            | 395762.78 | 3815592.98 | 31.62974   | (20121508) | 395792.24 |
| 3815613.92 |           | 52.08511   | (18120408) |            |           |
|            | 395821.70 | 3815634.86 | 50.50008   | (18120408) | 395851.17 |
| 3815655.80 |           | 24.82168   | (18021408) |            |           |
|            | 395672.15 | 3815531.81 | 16.56808   | (19010208) | 395638.19 |
| 3815514.16 |           | 12.67522b  | (20112308) |            |           |
|            | 395819.90 | 3815329.81 | 40.76068b  | (20112308) | 395850.88 |
| 3815351.83 |           | 41.08706   | (20120808) |            |           |
|            | 395881.85 | 3815373.84 | 34.43882   | (18102708) | 395912.83 |
| 3815395.86 |           | 52.83574   | (19010808) |            |           |
|            | 395943.81 | 3815417.87 | 62.89387   | (19010808) | 395974.78 |
| 3815439.89 |           | 69.13433   | (18120408) |            |           |
|            | 396005.76 | 3815461.90 | 64.74756   | (18120408) | 395787.43 |
| 3815309.98 |           | 43.06504b  | (20112308) |            |           |
|            | 395753.46 | 3815292.33 | 34.42781   | (16012108) | 395934.90 |
| 3815107.77 |           | 45.44227b  | (20112308) |            |           |
|            | 395965.31 | 3815129.39 | 43.63251b  | (20112308) | 395995.72 |
| 3815151.01 |           | 33.22612   | (17102808) |            |           |
|            | 396026.14 | 3815172.62 | 34.00093   | (17102808) | 396056.55 |
| 3815194.24 |           | 29.78472   | (18102708) |            |           |
|            | 396086.96 | 3815215.85 | 41.49719   | (19010808) | 396117.38 |
| 3815237.47 |           | 52.95704   | (19010808) |            |           |
|            | 396147.79 | 3815259.08 | 52.72047   | (18120408) | 396178.20 |
| 3815280.70 |           | 58.32813   | (18120408) |            |           |
|            | 395902.71 | 3815088.14 | 34.80721   | (20091108) | 395868.74 |
| 3815070.49 |           | 36.51156   | (20112808) |            |           |
|            | 396049.99 | 3814885.81 | 28.93925   | (20091108) | 396080.02 |
| 3814907.15 |           | 36.36165b  | (20112308) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396110.06  | 3814928.50 | 39.34293b  | (20112308) | 396140.10 |
| 3814949.85 | 32.69509b  | (20112308) |            |           |
| 396170.14  | 3814971.20 | 30.14716   | (17102808) | 396200.17 |
| 3814992.55 | 28.19018   | (17102808) |            |           |
| 396230.21  | 3815013.90 | 25.63362   | (18102708) | 396260.25 |
| 3815035.24 | 32.99000   | (19010808) |            |           |
| 396290.29  | 3815056.59 | 43.85374   | (19010808) | 396320.33 |
| 3815077.94 | 43.18403   | (19010808) |            |           |
| 396350.36  | 3815099.29 | 47.84397   | (18120408) | 396017.98 |
| 3814866.31 | 31.28802   | (20112808) |            |           |
| 395984.02  | 3814848.66 | 27.74293   | (20112808) | 396165.68 |
| 3814664.27 | 27.28638   | (20112808) |            |           |
| 396196.55  | 3814686.21 | 24.61303   | (20091108) | 396227.42 |
| 3814708.15 | 29.86989b  | (20112308) |            |           |
| 396258.30  | 3814730.09 | 34.30788b  | (20112308) | 396289.17 |
| 3814752.03 | 30.93755b  | (20112308) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1039

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396320.04   | 3814773.97  | 24.14804   | (17102808) | 396350.91   |
| 3814795.92  | 26.66678    | (17102808) |            |             |
| 396381.79   | 3814817.86  | 22.50572   | (18020324) | 396412.66   |
| 3814839.80  | 24.31263    | (18102708) |            |             |
| 396443.53   | 3814861.74  | 30.58524   | (19010808) | 396474.40   |
| 3814883.68  | 38.41828    | (19010808) |            |             |
| 396505.28   | 3814905.62  | 37.38319   | (19010808) | 396536.15   |
| 3814927.56  | 40.78544    | (18120408) |            |             |
| 396133.26   | 3814644.47  | 24.89707   | (20112808) | 396099.30   |
| 3814626.82  | 27.12094    | (18102724) |            |             |
| 396396.37   | 3814220.69  | 20.38356   | (18102724) | 396427.51   |
| 3814242.82  | 20.34069    | (20112808) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 396458.65  | 3814264.96           | 21.44850  | (20112808) | 396489.80 |
| 3814287.09 | 18.46072 (20091108)  |           |            |           |
| 396520.94  | 3814309.22           | 21.32504  | (20091108) | 396552.08 |
| 3814331.36 | 25.61004b (20112308) |           |            |           |
| 396583.22  | 3814353.49           | 26.38112b | (20112308) | 396614.37 |
| 3814375.62 | 23.12738b (20112308) |           |            |           |
| 396645.51  | 3814397.76           | 18.65844  | (17102808) | 396676.65 |
| 3814419.89 | 21.06613 (17102808)  |           |            |           |
| 396707.79  | 3814442.02           | 19.38033  | (17102808) | 396738.93 |
| 3814464.16 | 16.88725 (18020324)  |           |            |           |
| 396770.08  | 3814486.29           | 20.09696  | (18102708) | 396801.22 |
| 3814508.42 | 23.99664 (19010808)  |           |            |           |
| 396832.36  | 3814530.56           | 29.41676  | (19010808) | 396863.50 |
| 3814552.69 | 30.12498 (19010808)  |           |            |           |
| 396363.82  | 3814200.80           | 21.20503  | (18102724) | 396329.85 |
| 3814183.15 | 17.92175 (18102724)  |           |            |           |
| 396626.64  | 3813776.82           | 16.61927  | (18102724) | 396657.22 |
| 3813798.55 | 17.46555 (18102724)  |           |            |           |
| 396687.79  | 3813820.28           | 15.81469  | (18102724) | 396718.36 |
| 3813842.01 | 16.85924 (20112808)  |           |            |           |
| 396748.94  | 3813863.74           | 17.56270  | (20112808) | 396779.51 |
| 3813885.47 | 15.76230 (20112808)  |           |            |           |
| 396810.09  | 3813907.20           | 16.84564  | (20091108) | 396840.66 |
| 3813928.93 | 18.68588b (20112308) |           |            |           |
| 396871.24  | 3813950.66           | 21.22479b | (20112308) | 396901.81 |
| 3813972.38 | 21.18177b (20112308) |           |            |           |
| 396932.38  | 3813994.11           | 18.86886b | (20112308) | 396962.96 |
| 3814015.84 | 15.42470b (20112308) |           |            |           |
| 396993.53  | 3814037.57           | 16.73338  | (17102808) | 397024.11 |
| 3814059.30 | 17.07176 (17102808)  |           |            |           |
| 397054.68  | 3814081.03           | 15.06599  | (17102808) | 397085.26 |
| 3814102.76 | 13.63797 (18020324)  |           |            |           |
| 397115.83  | 3814124.49           | 16.04923  | (18102708) | 397146.40 |
| 3814146.22 | 17.52289 (18102708)  |           |            |           |
| 397176.98  | 3814167.95           | 22.10486  | (19010808) | 397207.55 |
| 3814189.68 | 24.57149 (19010808)  |           |            |           |
| 396594.37  | 3813757.13           | 13.61045  | (18102724) | 396560.41 |
| 3813739.48 | 12.41208 (20121608)  |           |            |           |
| 396857.31  | 3813333.23           | 10.73340  | (18102724) | 396888.12 |
| 3813355.12 | 13.28310 (18102724)  |           |            |           |
| 396918.92  | 3813377.01           | 14.63345  | (18102724) | 396949.72 |
| 3813398.91 | 14.34932 (18102724)  |           |            |           |
| 396980.53  | 3813420.80           | 12.90943  | (18122124) | 397011.33 |
| 3813442.69 | 14.39635 (20112808)  |           |            |           |
| 397042.14  | 3813464.59           | 14.74863  | (20112808) | 397072.94 |
| 3813486.48 | 13.44676 (20112808)  |           |            |           |
| 397103.74  | 3813508.37           | 13.75045  | (20091108) | 397134.55 |
| 3813530.27 | 14.71914 (20091108)  |           |            |           |
| 397165.35  | 3813552.16           | 16.91723b | (20112308) | 397196.16 |
| 3813574.05 | 17.94984b (20112308) |           |            |           |

|            |                      |                      |           |
|------------|----------------------|----------------------|-----------|
| 397226.96  | 3813595.94           | 17.26824b (20112308) | 397257.77 |
| 3813617.84 | 15.25857b (20112308) |                      |           |
| 397288.57  | 3813639.73           | 12.65164b (20112308) | 397319.37 |
| 3813661.62 | 13.86975 (17102808)  |                      |           |
| 397350.18  | 3813683.52           | 14.48650 (17102808)  | 397380.98 |
| 3813705.41 | 13.50500 (17102808)  |                      |           |
| 397411.79  | 3813727.30           | 11.97249 (18020324)  | 397442.59 |
| 3813749.20 | 11.77415 (18102708)  |                      |           |
| 397473.40  | 3813771.09           | 13.92270 (18102708)  | 397504.20 |
| 3813792.98 | 14.90990 (19010808)  |                      |           |
| 397535.00  | 3813814.88           | 18.31842 (19010808)  | 397565.81 |
| 3813836.77 | 20.36720 (19010808)  |                      |           |
| 396824.93  | 3813313.46           | 10.43912 (20121608)  | 396790.96 |
| 3813295.81 | 12.08306 (20121608)  |                      |           |
| 397087.95  | 3812889.62           | 8.96039 (20121608)   | 397118.93 |
| 3812911.63 | 8.71492 (18102724)   |                      |           |
| 397149.91  | 3812933.65           | 10.82742 (18102724)  | 397180.88 |
| 3812955.66 | 12.24871 (18102724)  |                      |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1040

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 397211.86   | 3812977.68  | 12.61683   | (18102724) | 397242.84   |
| 3812999.70  | 11.83118    | (18102724) |            |             |
| 397273.81   | 3813021.71  | 11.22396   | (20112808) | 397304.79   |
| 3813043.73  | 12.47777    | (20112808) |            |             |
| 397335.77   | 3813065.74  | 12.62714   | (20112808) | 397366.74   |
| 3813087.76  | 11.63289    | (20112808) |            |             |
| 397397.72   | 3813109.77  | 11.46309   | (20091108) | 397428.69   |
| 3813131.79  | 12.51952    | (20091108) |            |             |
| 397459.67   | 3813153.80  | 13.61136b  | (20112308) | 397490.65   |
| 3813175.82  | 15.01275b   | (20112308) |            |             |

|            |           |                    |                      |           |
|------------|-----------|--------------------|----------------------|-----------|
| 3813219.85 | 397521.62 | 3813197.84         | 15.23985b (20112308) | 397552.60 |
| 3813263.88 | 397583.58 | 3813241.87         | 12.63042b (20112308) | 397614.55 |
| 3813307.91 | 397645.53 | 3813285.90         | 11.74702 (17102808)  | 397676.51 |
| 3813351.95 | 397707.48 | 3813329.93         | 11.99806 (17102808)  | 397738.46 |
| 3813395.98 | 397769.44 | 3813373.96         | 9.92934 (18020324)   | 397800.41 |
| 3813440.01 | 397831.39 | 3813417.99         | 12.19458 (18102708)  | 397862.37 |
| 3812852.13 | 397055.48 | 3812869.78         | 10.23567 (20121608)  | 397021.52 |
| 3811728.68 | 397702.85 | 3811706.55         | 8.28103 (16012124)   | 397733.99 |
| 3811772.95 | 397765.13 | 3811750.81         | 6.90425 (20121608)   | 397796.26 |
| 3811817.21 | 397827.40 | 3811795.08         | 5.96513 (18102724)   | 397858.54 |
| 3811861.47 | 397889.68 | 3811839.34         | 8.21784 (18102724)   | 397920.82 |
| 3811905.73 | 397951.96 | 3811883.60         | 8.98458 (18102724)   | 397983.10 |
| 3811950.00 | 398014.24 | 3811927.86         | 7.83166 (18122124)   | 398045.38 |
| 3811994.26 | 398076.52 | 3811972.13         | 8.88628 (20112808)   | 398107.66 |
| 3812038.52 | 398138.80 | 3812016.39         | 8.65038 (20112808)   | 398169.94 |
| 3812082.78 | 398201.08 | 3812060.65         | 8.21748 (20091108)   | 398232.22 |
| 3812127.05 | 398263.35 | 3812104.91         | 8.98066 (20091108)   | 398294.49 |
| 3812171.31 | 398325.63 | 3812149.18         | 10.63239b (20112308) | 398356.77 |
| 3812215.57 | 398387.91 | 3812193.44         | 10.30892b (20112308) | 398419.05 |
| 3812259.83 | 398450.19 | 3812237.70         | 8.42729b (20112308)  | 398481.33 |
| 3812304.10 | 398512.47 | 3812281.96         | 8.04959 (17102808)   | 398543.61 |
| 3812348.36 | 398574.75 | 3812326.23         | 8.84306 (17102808)   | 398605.89 |
| 3812392.62 | 398637.03 | 3812370.49         | 7.75023 (17102808)   | 398668.17 |
| 3811686.66 | 398699.31 | 3812414.75         | 6.80859 (18020324)   | 397670.29 |
| 3810523.34 | 397636.33 | 3811669.01         | 9.45440 (16012124)   | 398317.54 |
|            |           | 7.10805 (16012124) |                      |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398348.45  | 3810545.31 | 6.81639    | (16012124) | 398379.36 |
| 3810567.28 | 6.31379    | (16012124) |            |           |
| 398410.27  | 3810589.24 | 5.69397    | (20121608) | 398441.17 |
| 3810611.21 | 5.46715    | (20121608) |            |           |
| 398472.08  | 3810633.18 | 5.05093    | (20121608) | 398502.99 |
| 3810655.14 | 4.48970    | (20121608) |            |           |
| 398533.90  | 3810677.11 | 4.35904    | (18102724) | 398564.80 |
| 3810699.08 | 5.15647    | (18102724) |            |           |
| 398595.71  | 3810721.04 | 5.86855    | (18102724) | 398626.62 |
| 3810743.01 | 6.42557    | (18102724) |            |           |
| 398657.53  | 3810764.98 | 6.76822    | (18102724) | 398688.43 |
| 3810786.94 | 6.85814    | (18102724) |            |           |
| 398719.34  | 3810808.91 | 6.68498    | (18102724) | 398750.25 |
| 3810830.88 | 6.26813    | (18102724) |            |           |
| 398781.16  | 3810852.84 | 5.97229    | (18122124) | 398812.06 |
| 3810874.81 | 6.32787    | (20112808) |            |           |
| 398842.97  | 3810896.77 | 6.73067    | (20112808) | 398873.88 |
| 3810918.74 | 6.88655    | (20112808) |            |           |
| 398904.79  | 3810940.71 | 6.77778    | (20112808) | 398935.69 |
| 3810962.67 | 6.41701    | (20112808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1041

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 398966.60   | 3810984.64  | 5.84421    | (20112808) | 398997.51   |
| 3811006.61  | 6.16649     | (20091108) |            |             |
| 399028.42   | 3811028.57  | 6.62265    | (20091108) | 399059.32   |
| 3811050.54  | 6.84236     | (20091108) |            |             |
| 399090.23   | 3811072.51  | 7.00053b   | (20112308) | 399121.14   |
| 3811094.47  | 7.62121b    | (20112308) |            |             |
| 399152.05   | 3811116.44  | 8.00572b   | (20112308) | 399182.95   |
| 3811138.41  | 8.12352b    | (20112308) |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 399213.86  | 3811160.37          | 7.97517b (20112308) | 399244.77 |
| 3811182.34 | 7.59151b (20112308) |                     |           |
| 399275.68  | 3811204.31          | 7.02770b (20112308) | 399306.58 |
| 3811226.27 | 6.35308b (20112308) |                     |           |
| 399337.49  | 3811248.24          | 5.63823b (20112308) | 399368.40 |
| 3811270.20 | 5.73407 (17102808)  |                     |           |
| 399399.31  | 3811292.17          | 6.28806 (17102808)  | 399430.21 |
| 3811314.14 | 6.63768 (17102808)  |                     |           |
| 399461.12  | 3811336.10          | 6.74568 (17102808)  | 399492.03 |
| 3811358.07 | 6.60085 (17102808)  |                     |           |
| 399522.94  | 3811380.04          | 6.22001 (17102808)  | 399553.84 |
| 3811402.00 | 5.64512 (17102808)  |                     |           |
| 398285.11  | 3810503.54          | 7.16161 (16012124)  | 398251.14 |
| 3810485.89 | 6.96692 (16012124)  |                     |           |
| 398932.42  | 3809340.26          | 5.67944 (16012124)  | 398963.44 |
| 3809362.31 | 5.73200 (16012124)  |                     |           |
| 398994.47  | 3809384.36          | 5.63879 (16012124)  | 399025.50 |
| 3809406.42 | 5.40682 (16012124)  |                     |           |
| 399056.52  | 3809428.47          | 5.05395 (16012124)  | 399087.55 |
| 3809450.52 | 4.60609 (16012124)  |                     |           |
| 399118.57  | 3809472.57          | 4.46912 (20121608)  | 399149.60 |
| 3809494.62 | 4.23598 (20121608)  |                     |           |
| 399180.63  | 3809516.67          | 3.90290 (20121608)  | 399211.65 |
| 3809538.72 | 3.49553 (20121608)  |                     |           |
| 399242.68  | 3809560.77          | 3.42528 (18102724)  | 399273.70 |
| 3809582.82 | 3.98037 (18102724)  |                     |           |
| 399304.73  | 3809604.87          | 4.49613 (18102724)  | 399335.76 |
| 3809626.92 | 4.93648 (18102724)  |                     |           |
| 399366.78  | 3809648.97          | 5.26804 (18102724)  | 399397.81 |
| 3809671.02 | 5.46434 (18102724)  |                     |           |
| 399428.83  | 3809693.08          | 5.50894 (18102724)  | 399459.86 |
| 3809715.13 | 5.39800 (18102724)  |                     |           |
| 399490.89  | 3809737.18          | 5.14073 (18102724)  | 399521.91 |
| 3809759.23 | 4.77481 (18122124)  |                     |           |
| 399552.94  | 3809781.28          | 4.77534 (18122124)  | 399583.96 |
| 3809803.33 | 5.15531 (20112808)  |                     |           |
| 399614.99  | 3809825.38          | 5.41454 (20112808)  | 399646.02 |
| 3809847.43 | 5.52699 (20112808)  |                     |           |
| 399677.04  | 3809869.48          | 5.48329 (20112808)  | 399708.07 |
| 3809891.53 | 5.28715 (20112808)  |                     |           |
| 399739.09  | 3809913.58          | 4.95495 (20112808)  | 399770.12 |
| 3809935.63 | 4.55312 (20091108)  |                     |           |
| 399801.15  | 3809957.68          | 4.98163 (20091108)  | 399832.17 |
| 3809979.73 | 5.29740 (20091108)  |                     |           |
| 399863.20  | 3810001.79          | 5.47532 (20091108)  | 399894.22 |
| 3810023.84 | 5.50064 (20091108)  |                     |           |
| 399925.25  | 3810045.89          | 5.82583b (20112308) | 399956.28 |
| 3810067.94 | 6.19436b (20112308) |                     |           |
| 399987.30  | 3810089.99          | 6.41626b (20112308) | 400018.33 |
| 3810112.04 | 6.47949b (20112308) |                     |           |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 400049.35  | 3810134.09          | 6.38554b (20112308) | 400080.38 |
| 3810156.14 | 6.14917b (20112308) |                     |           |
| 400111.41  | 3810178.19          | 5.79630b (20112308) | 400142.43 |
| 3810200.24 | 5.36042b (20112308) |                     |           |
| 400173.46  | 3810222.29          | 4.87783b (20112308) | 400204.48 |
| 3810244.34 | 4.38392b (20112308) |                     |           |
| 400235.51  | 3810266.39          | 4.50866 (17102808)  | 400266.54 |
| 3810288.45 | 4.92102 (17102808)  |                     |           |
| 400297.56  | 3810310.50          | 5.22261 (17102808)  | 400328.59 |
| 3810332.55 | 5.39011 (17102808)  |                     |           |
| 400359.61  | 3810354.60          | 5.41023 (17102808)  | 400390.64 |
| 3810376.65 | 5.28173 (17102808)  |                     |           |
| 400421.67  | 3810398.70          | 5.01547 (17102808)  | 400452.69 |
| 3810420.75 | 4.63303 (17102808)  |                     |           |
| 398899.92  | 3809320.41          | 5.48650 (16012124)  | 398865.96 |
| 3809302.76 | 5.43301 (18010108)  |                     |           |
| 399547.27  | 3808157.17          | 4.47546 (16012124)  | 399578.38 |
| 3808179.28 | 4.64702 (16012124)  |                     |           |
| 399609.49  | 3808201.39          | 4.73149 (16012124)  | 399640.60 |
| 3808223.50 | 4.72356 (16012124)  |                     |           |
| 399671.72  | 3808245.61          | 4.62351 (16012124)  | 399702.83 |
| 3808267.72 | 4.43730 (16012124)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1042

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 399733.94   | 3808289.83         | 4.17586    | (16012124) | 399765.05   |
| 3808311.95  | 3.85400 (16012124) |            |            |             |
| 399796.16   | 3808334.06         | 3.74343    | (20121608) | 399827.27   |
| 3808356.17  | 3.60433 (20121608) |            |            |             |
| 399858.38   | 3808378.28         | 3.39575    | (20121608) | 399889.49   |
| 3808400.39  | 3.13030 (20121608) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 399920.60  | 3808422.50          | 2.82334  | (20121608) | 399951.71 |
| 3808444.61 | 2.79136 (18102724)  |          |            |           |
| 399982.82  | 3808466.72          | 3.19786  | (18102724) | 400013.93 |
| 3808488.83 | 3.58449 (18102724)  |          |            |           |
| 400045.04  | 3808510.94          | 3.93112  | (18102724) | 400076.16 |
| 3808533.06 | 4.21822 (18102724)  |          |            |           |
| 400107.27  | 3808555.17          | 4.42832  | (18102724) | 400138.38 |
| 3808577.28 | 4.54835 (18102724)  |          |            |           |
| 400169.49  | 3808599.39          | 4.57055  | (18102724) | 400200.60 |
| 3808621.50 | 4.49344 (18102724)  |          |            |           |
| 400231.71  | 3808643.61          | 4.32194  | (18102724) | 400262.82 |
| 3808665.72 | 4.06690 (18102724)  |          |            |           |
| 400293.93  | 3808687.83          | 3.97282  | (18122124) | 400325.04 |
| 3808709.94 | 4.05864 (20112808)  |          |            |           |
| 400356.15  | 3808732.05          | 4.31972  | (20112808) | 400387.26 |
| 3808754.16 | 4.49793 (20112808)  |          |            |           |
| 400418.37  | 3808776.28          | 4.58201  | (20112808) | 400449.48 |
| 3808798.39 | 4.56650 (20112808)  |          |            |           |
| 400480.59  | 3808820.50          | 4.45245  | (20112808) | 400511.71 |
| 3808842.61 | 4.24719 (20112808)  |          |            |           |
| 400542.82  | 3808864.72          | 3.96369  | (20112808) | 400573.93 |
| 3808886.83 | 3.84718 (20091108)  |          |            |           |
| 400605.04  | 3808908.94          | 4.15072  | (20091108) | 400636.15 |
| 3808931.05 | 4.38127 (20091108)  |          |            |           |
| 400667.26  | 3808953.16          | 4.52460  | (20091108) | 400698.37 |
| 3808975.27 | 4.57166 (20091108)  |          |            |           |
| 400729.48  | 3808997.38          | 4.62157b | (20112308) | 400760.59 |
| 3809019.50 | 4.93984b (20112308) |          |            |           |
| 400791.70  | 3809041.61          | 5.17318b | (20112308) | 400822.81 |
| 3809063.72 | 5.31007b (20112308) |          |            |           |
| 400853.92  | 3809085.83          | 5.34522b | (20112308) | 400885.03 |
| 3809107.94 | 5.28005b (20112308) |          |            |           |
| 400916.14  | 3809130.05          | 5.12255b | (20112308) | 400947.26 |
| 3809152.16 | 4.88630b (20112308) |          |            |           |
| 400978.37  | 3809174.27          | 4.58919b | (20112308) | 401009.48 |
| 3809196.38 | 4.25130b (20112308) |          |            |           |
| 401040.59  | 3809218.49          | 3.89311b | (20112308) | 401071.70 |
| 3809240.61 | 3.63077 (18102524)  |          |            |           |
| 401102.81  | 3809262.72          | 3.67666  | (17102808) | 401133.92 |
| 3809284.83 | 3.99214 (17102808)  |          |            |           |
| 401165.03  | 3809306.94          | 4.24231  | (17102808) | 401196.14 |
| 3809329.05 | 4.41231 (17102808)  |          |            |           |
| 401227.25  | 3809351.16          | 4.49181  | (17102808) | 401258.36 |
| 3809373.27 | 4.47599 (17102808)  |          |            |           |
| 401289.47  | 3809395.38          | 4.36610  | (17102808) | 401320.58 |
| 3809417.49 | 4.16924 (17102808)  |          |            |           |
| 401351.69  | 3809439.60          | 3.89764  | (17102808) | 401382.81 |
| 3809461.71 | 3.70770 (18020324)  |          |            |           |
| 401413.92  | 3809483.83          | 3.64636  | (18020324) | 399514.73 |
| 3808137.29 | 4.50933 (18010108)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 399480.77  | 3808119.64         | 4.55513 | (18010108) | 400162.12 |
| 3806974.07 | 3.83319 (18010108) |         |            |           |
| 400193.29  | 3806996.22         | 3.74954 | (16012124) | 400224.47 |
| 3807018.38 | 3.89681 (16012124) |         |            |           |
| 400255.64  | 3807040.54         | 3.98723 | (16012124) | 400286.81 |
| 3807062.69 | 4.01637 (16012124) |         |            |           |
| 400317.99  | 3807084.85         | 3.98270 | (16012124) | 400349.16 |
| 3807107.00 | 3.88779 (16012124) |         |            |           |
| 400380.34  | 3807129.16         | 3.73605 | (16012124) | 400411.51 |
| 3807151.32 | 3.53464 (16012124) |         |            |           |
| 400442.69  | 3807173.47         | 3.29260 | (16012124) | 400473.86 |
| 3807195.63 | 3.19783 (20121608) |         |            |           |
| 400505.03  | 3807217.78         | 3.11085 | (20121608) | 400536.21 |
| 3807239.94 | 2.97434 (20121608) |         |            |           |
| 400567.38  | 3807262.10         | 2.79503 | (20121608) | 400598.56 |
| 3807284.25 | 2.58136 (20121608) |         |            |           |
| 400629.73  | 3807306.41         | 2.34301 | (20121608) | 400660.91 |
| 3807328.57 | 2.33536 (18102724) |         |            |           |
| 400692.08  | 3807350.72         | 2.64453 | (18102724) | 400723.25 |
| 3807372.88 | 2.94318 (18102724) |         |            |           |
| 400754.43  | 3807395.03         | 3.21918 | (18102724) | 400785.60 |
| 3807417.19 | 3.46041 (18102724) |         |            |           |
| 400816.78  | 3807439.35         | 3.65567 | (18102724) | 400847.95 |
| 3807461.50 | 3.79531 (18102724) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1043

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 400879.13   | 3807483.66         | 3.87237    | (18102724) | 400910.30   |
| 3807505.81  | 3.88281 (18102724) |            |            |             |
| 400941.47   | 3807527.97         | 3.82609    | (18102724) | 400972.65   |
| 3807550.13  | 3.70505 (18102724) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401003.82  | 3807572.28          | 3.52591  | (18102724) | 401035.00 |
| 3807594.44 | 3.36408 (18122124)  |          |            |           |
| 401066.17  | 3807616.59          | 3.36760  | (18122124) | 401097.35 |
| 3807638.75 | 3.51034 (20112808)  |          |            |           |
| 401128.52  | 3807660.91          | 3.69647  | (20112808) | 401159.69 |
| 3807683.06 | 3.82518 (20112808)  |          |            |           |
| 401190.87  | 3807705.22          | 3.89002  | (20112808) | 401222.04 |
| 3807727.37 | 3.88759 (20112808)  |          |            |           |
| 401253.22  | 3807749.53          | 3.81805  | (20112808) | 401284.39 |
| 3807771.69 | 3.68501 (20112808)  |          |            |           |
| 401315.56  | 3807793.84          | 3.49523  | (20112808) | 401346.74 |
| 3807816.00 | 3.25793 (20112808)  |          |            |           |
| 401377.91  | 3807838.16          | 3.31247  | (20091108) | 401409.09 |
| 3807860.31 | 3.53758 (20091108)  |          |            |           |
| 401440.26  | 3807882.47          | 3.71278  | (20091108) | 401471.44 |
| 3807904.62 | 3.82945 (20091108)  |          |            |           |
| 401502.61  | 3807926.78          | 3.88174  | (20091108) | 401533.78 |
| 3807948.94 | 3.86700 (20091108)  |          |            |           |
| 401564.96  | 3807971.09          | 4.04071b | (20112308) | 401596.13 |
| 3807993.25 | 4.25652b (20112308) |          |            |           |
| 401627.31  | 3808015.40          | 4.41180b | (20112308) | 401658.48 |
| 3808037.56 | 4.50061b (20112308) |          |            |           |
| 401689.66  | 3808059.72          | 4.52045b | (20112308) | 401720.83 |
| 3808081.87 | 4.47249b (20112308) |          |            |           |
| 401752.00  | 3808104.03          | 4.36144b | (20112308) | 401783.18 |
| 3808126.18 | 4.19509b (20112308) |          |            |           |
| 401814.35  | 3808148.34          | 3.98370b | (20112308) | 401845.53 |
| 3808170.50 | 3.73901b (20112308) |          |            |           |
| 401876.70  | 3808192.65          | 3.47362b | (20112308) | 401907.88 |
| 3808214.81 | 3.19953b (20112308) |          |            |           |
| 401939.05  | 3808236.96          | 3.08370  | (18102524) | 401970.22 |
| 3808259.12 | 3.11404 (18102524)  |          |            |           |
| 402001.40  | 3808281.28          | 3.32652  | (17102808) | 402032.57 |
| 3808303.43 | 3.53310 (17102808)  |          |            |           |
| 402063.75  | 3808325.59          | 3.68892  | (17102808) | 402094.92 |
| 3808347.74 | 3.78636 (17102808)  |          |            |           |
| 402126.10  | 3808369.90          | 3.82076  | (17102808) | 402157.27 |
| 3808392.06 | 3.79047 (17102808)  |          |            |           |
| 402188.44  | 3808414.21          | 3.69719  | (17102808) | 402219.62 |
| 3808436.37 | 3.54565 (17102808)  |          |            |           |
| 402250.79  | 3808458.53          | 3.34339  | (17102808) | 402281.97 |
| 3808480.68 | 3.15033 (18020324)  |          |            |           |
| 402313.14  | 3808502.84          | 3.12451  | (18020324) | 402469.01 |
| 3808613.62 | 3.43986 (18102708)  |          |            |           |
| 400129.55  | 3806954.16          | 3.86682  | (18010108) | 400095.58 |
| 3806936.51 | 3.83537 (18010108)  |          |            |           |
| 400776.87  | 3805790.90          | 3.34470  | (18010108) | 400807.91 |
| 3805812.96 | 3.31966 (18010108)  |          |            |           |
| 400838.95  | 3805835.02          | 3.24975  | (18010108) | 400869.99 |
| 3805857.08 | 3.32963 (16012124)  |          |            |           |

|                                                                          |                    |         |            |           |
|--------------------------------------------------------------------------|--------------------|---------|------------|-----------|
| 400901.03                                                                | 3805879.15         | 3.41689 | (16012124) | 400932.08 |
| 3805901.21                                                               | 3.46244 (16012124) |         |            |           |
| 400963.12                                                                | 3805923.27         | 3.46441 | (16012124) | 400994.16 |
| 3805945.33                                                               | 3.42267 (16012124) |         |            |           |
| 401025.20                                                                | 3805967.39         | 3.33881 | (16012124) | 401056.24 |
| 3805989.46                                                               | 3.21602 (16012124) |         |            |           |
| 401087.29                                                                | 3806011.52         | 3.05889 | (16012124) | 401118.33 |
| 3806033.58                                                               | 2.87325 (16012124) |         |            |           |
| 401149.37                                                                | 3806055.64         | 2.77878 | (20121608) | 401180.41 |
| 3806077.71                                                               | 2.72560 (20121608) |         |            |           |
| 401211.45                                                                | 3806099.77         | 2.63641 | (20121608) | 401242.50 |
| 3806121.83                                                               | 2.51475 (20121608) |         |            |           |
| 401273.54                                                                | 3806143.89         | 2.36542 | (20121608) | 401304.58 |
| 3806165.95                                                               | 2.19402 (20121608) |         |            |           |
| 401335.62                                                                | 3806188.02         | 2.00669 | (20121608) | 401366.67 |
| 3806210.08                                                               | 1.96593 (18102724) |         |            |           |
| 401397.71                                                                | 3806232.14         | 2.20710 | (18102724) | 401428.75 |
| 3806254.20                                                               | 2.44339 (18102724) |         |            |           |
| 401459.79                                                                | 3806276.26         | 2.66733 | (18102724) | 401490.83 |
| 3806298.33                                                               | 2.87128 (18102724) |         |            |           |
| 401521.88                                                                | 3806320.39         | 3.04779 | (18102724) | 401552.92 |
| 3806342.45                                                               | 3.19002 (18102724) |         |            |           |
| 401583.96                                                                | 3806364.51         | 3.29235 | (18102724) | 401615.00 |
| 3806386.58                                                               | 3.35058 (18102724) |         |            |           |
| 401646.04                                                                | 3806408.64         | 3.36227 | (18102724) | 401677.09 |
| 3806430.70                                                               | 3.32690 (18102724) |         |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |                    |         |            |           |
| Study *** 02/10/26                                                       |                    |         |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |                    |         |            |           |
| *** 17:54:19                                                             |                    |         |            |           |

PAGE 1044

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 401708.13   | 3806452.76         | 3.24594    | (18102724) | 401739.17   |
| 3806474.82  | 3.12272 (18102724) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 401770.21  | 3806496.89          | 2.96217  | (18102724) | 401801.26 |
| 3806518.95 | 2.91605 (18122124)  |          |            |           |
| 401832.30  | 3806541.01          | 2.90699  | (18122124) | 401863.34 |
| 3806563.07 | 3.04495 (20112808)  |          |            |           |
| 401894.38  | 3806585.14          | 3.19009  | (20112808) | 401925.42 |
| 3806607.20 | 3.29541 (20112808)  |          |            |           |
| 401956.47  | 3806629.26          | 3.35665  | (20112808) | 401987.51 |
| 3806651.32 | 3.37125 (20112808)  |          |            |           |
| 402018.55  | 3806673.38          | 3.33863  | (20112808) | 402049.59 |
| 3806695.45 | 3.26014 (20112808)  |          |            |           |
| 402080.63  | 3806717.51          | 3.13905  | (20112808) | 402111.68 |
| 3806739.57 | 2.98023 (20112808)  |          |            |           |
| 402142.72  | 3806761.63          | 2.78998  | (20112808) | 402173.76 |
| 3806783.69 | 2.84472 (20091108)  |          |            |           |
| 402204.80  | 3806805.76          | 3.02506  | (20091108) | 402235.84 |
| 3806827.82 | 3.17189 (20091108)  |          |            |           |
| 402266.89  | 3806849.88          | 3.27949  | (20091108) | 402297.93 |
| 3806871.94 | 3.34346 (20091108)  |          |            |           |
| 402328.97  | 3806894.01          | 3.36121  | (20091108) | 402360.01 |
| 3806916.07 | 3.33203 (20091108)  |          |            |           |
| 402391.06  | 3806938.13          | 3.51228b | (20112308) | 402422.10 |
| 3806960.19 | 3.67582b (20112308) |          |            |           |
| 402453.14  | 3806982.25          | 3.79691b | (20112308) | 402484.18 |
| 3807004.32 | 3.87179b (20112308) |          |            |           |
| 402515.22  | 3807026.38          | 3.89856b | (20112308) | 402546.27 |
| 3807048.44 | 3.87745b (20112308) |          |            |           |
| 402577.31  | 3807070.50          | 3.81073b | (20112308) | 402608.35 |
| 3807092.57 | 3.70249b (20112308) |          |            |           |
| 402639.39  | 3807114.63          | 3.55846b | (20112308) | 402670.43 |
| 3807136.69 | 3.38552b (20112308) |          |            |           |
| 402701.48  | 3807158.75          | 3.19122b | (20112308) | 402732.52 |
| 3807180.81 | 2.98351b (20112308) |          |            |           |
| 402763.56  | 3807202.88          | 2.76996b | (20112308) | 402794.60 |
| 3807224.94 | 2.64863 (18102524)  |          |            |           |
| 402825.64  | 3807247.00          | 2.68757  | (18102524) | 402856.69 |
| 3807269.06 | 2.75493 (17102808)  |          |            |           |
| 402887.73  | 3807291.12          | 2.93721  | (17102808) | 402918.77 |
| 3807313.19 | 3.08855 (17102808)  |          |            |           |
| 402949.81  | 3807335.25          | 3.20314  | (17102808) | 402980.86 |
| 3807357.31 | 3.27653 (17102808)  |          |            |           |
| 403011.90  | 3807379.37          | 3.30581  | (17102808) | 403042.94 |
| 3807401.44 | 3.28989 (17102808)  |          |            |           |
| 403073.98  | 3807423.50          | 3.22950  | (17102808) | 403105.02 |
| 3807445.56 | 3.12717 (17102808)  |          |            |           |
| 403136.07  | 3807467.62          | 2.98701  | (17102808) | 403167.11 |
| 3807489.68 | 2.81455 (17102808)  |          |            |           |
| 403322.32  | 3807600.00          | 2.56173  | (17051908) | 403353.36 |
| 3807622.06 | 2.67643 (18102708)  |          |            |           |
| 403384.40  | 3807644.12          | 2.87581  | (18102708) | 400744.36 |
| 3805771.04 | 3.32460 (18010108)  |          |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 400710.40  | 3805753.39          | 3.25943  | (18010108) | 395217.62 |
| 3816228.34 | 18.27930 (16111616) |          |            |           |
| 395176.44  | 3816212.55          | 18.91678 | (18083116) | 395247.17 |
| 3816212.90 | 15.64132 (16111616) |          |            |           |
| 395205.99  | 3816197.10          | 15.00041 | (18083116) | 395164.81 |
| 3816181.31 | 16.52131 (16020116) |          |            |           |
| 395256.12  | 3816189.55          | 14.62819 | (17100116) | 395214.94 |
| 3816173.76 | 14.31028 (16020116) |          |            |           |
| 395173.76  | 3816157.96          | 13.23879 | (16020116) | 395244.48 |
| 3816158.31 | 13.36876 (18083116) |          |            |           |
| 395203.30  | 3816142.52          | 13.51036 | (16020116) | 395282.98 |
| 3816119.53 | 13.33236 (16020116) |          |            |           |
| 395241.80  | 3816103.73          | 12.21490 | (16020116) | 395200.62 |
| 3816087.94 | 8.70786 (17053116)  |          |            |           |
| 395311.18  | 3816077.48          | 13.81713 | (16020116) | 395280.29 |
| 3816064.95 | 12.19182 (16020116) |          |            |           |
| 395239.11  | 3816049.15          | 8.67835  | (17053116) | 395331.66 |
| 3816031.95 | 12.88114 (16020116) |          |            |           |
| 395298.20  | 3816018.26          | 9.43277  | (16020116) | 395257.02 |
| 3816002.47 | 8.83652 (18110516)  |          |            |           |
| 395352.14  | 3815986.43          | 10.93876 | (16020116) | 395316.11 |
| 3815971.58 | 8.02692 (17053116)  |          |            |           |
| 395274.93  | 3815955.78          | 9.71529  | (18110516) | 395372.63 |
| 3815940.90 | 8.88168 (16020116)  |          |            |           |
| 395334.01  | 3815924.90          | 8.61155  | (18110516) | 395292.83 |
| 3815909.10 | 9.81780 (18110516)  |          |            |           |
| 395405.86  | 3815846.38          | 8.25108  | (18110516) | 395369.82 |
| 3815831.53 | 9.56600 (18110516)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1045

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

-----

|            |           |                    |           |            |           |
|------------|-----------|--------------------|-----------|------------|-----------|
| 3815754.55 | 395328.64 | 3815815.73         | 9.97851   | (17042816) | 395445.11 |
|            |           | 8.97987 (18110516) |           |            |           |
|            | 395405.64 | 3815738.16         | 9.25129   | (17042816) | 395364.46 |
| 3815722.37 | 10.22202  | (17042816)         |           |            |           |
|            | 395478.77 | 3815660.22         | 8.39734   | (17120308) | 395512.25 |
| 3815675.28 | 8.33321   | (18110516)         |           |            |           |
|            | 395441.45 | 3815644.79         | 9.48852   | (17042816) | 395400.27 |
| 3815629.00 | 9.33681   | (17042816)         |           |            |           |
|            | 395517.16 | 3815568.01         | 8.50957   | (17042816) | 395555.78 |
| 3815585.39 | 8.12908   | (17120308)         |           |            |           |
|            | 395477.26 | 3815551.43         | 10.22127  | (18030608) | 395436.08 |
| 3815535.63 | 8.97301   | (20120308)         |           |            |           |
|            | 395551.17 | 3815473.83         | 16.54971  | (18030608) | 395586.19 |
| 3815489.59 | 16.53998  | (20121308)         |           |            |           |
|            | 395513.07 | 3815458.06         | 13.45324  | (18030608) | 395471.89 |
| 3815442.26 | 11.32242  | (16112908)         |           |            |           |
|            | 395642.07 | 3815241.03         | 27.68351c | (20112508) | 395679.84 |
| 3815258.02 | 34.48204  | (18030608)         |           |            |           |
|            | 395717.60 | 3815275.01         | 34.68862c | (18121424) | 395602.60 |
| 3815224.64 | 26.69695c | (16011124)         |           |            |           |
|            | 395561.42 | 3815208.84         | 23.78196  | (17102408) | 395732.58 |
| 3815008.05 | 35.66454  | (16012124)         |           |            |           |
|            | 395772.31 | 3815025.92         | 27.54803  | (18102724) | 395812.03 |
| 3815043.80 | 36.42675  | (18102724)         |           |            |           |
|            | 395692.13 | 3814991.22         | 40.44383  | (16012124) | 395650.95 |
| 3814975.43 | 36.71413  | (17021208)         |           |            |           |
|            | 395820.56 | 3814773.94         | 34.68197  | (16012124) | 395857.18 |
| 3814790.41 | 31.44814  | (16012124)         |           |            |           |
|            | 395893.80 | 3814806.88         | 22.75067  | (20121608) | 395930.42 |
| 3814823.36 | 29.22284  | (18102724)         |           |            |           |
|            | 395781.66 | 3814757.80         | 30.65105  | (20022724) | 395740.48 |
| 3814742.01 | 33.72980  | (17021208)         |           |            |           |
|            | 395910.84 | 3814540.85         | 27.50190  | (18010108) | 395948.94 |
| 3814558.00 | 30.19244  | (16012124)         |           |            |           |
|            | 395987.05 | 3814575.14         | 26.94752  | (16012124) | 396025.15 |
| 3814592.28 | 20.10907  | (20121608)         |           |            |           |
|            | 396063.26 | 3814609.42         | 24.44403  | (18102724) | 395871.19 |
| 3814524.38 | 28.64437  | (17021208)         |           |            |           |
|            | 395830.01 | 3814508.59         | 26.90205  | (17021208) | 396089.46 |
| 3814073.82 | 22.62843  | (17021208)         |           |            |           |
|            | 396126.70 | 3814090.57         | 20.15413  | (17021208) | 396163.93 |
| 3814107.32 | 21.80633  | (18010108)         |           |            |           |
|            | 396201.16 | 3814124.07         | 23.46163  | (16012124) | 396238.40 |
| 3814140.82 | 21.60911  | (16012124)         |           |            |           |
|            | 396275.63 | 3814157.57         | 17.23681  | (20121608) | 396050.25 |
| 3814057.55 | 20.61627  | (16091008)         |           |            |           |
|            | 396009.07 | 3814041.75         | 19.68122  | (16091008) | 396269.47 |
| 3813607.41 | 16.85502  | (16091008)         |           |            |           |
|            | 396308.61 | 3813625.01         | 18.27115  | (17021208) | 396347.74 |
| 3813642.62 | 17.20956  | (17021208)         |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 396386.88  | 3813660.23 | 17.31921   | (18010108) | 396426.02 |
| 3813677.83 | 17.98917   | (16012124) |            |           |
| 396465.15  | 3813695.44 | 18.89022   | (16012124) | 396504.29 |
| 3813713.05 | 16.64554   | (16012124) |            |           |
| 396229.31  | 3813590.71 | 16.29223   | (16091008) | 396188.13 |
| 3813574.91 | 16.63590   | (19120116) |            |           |
| 396448.13  | 3813140.39 | 13.78603   | (16091008) | 396486.47 |
| 3813157.64 | 14.21238   | (16091008) |            |           |
| 396524.80  | 3813174.88 | 15.07707   | (17021208) | 396563.14 |
| 3813192.13 | 14.96362   | (17021208) |            |           |
| 396601.47  | 3813209.37 | 13.39776   | (20022724) | 396639.81 |
| 3813226.62 | 14.81429   | (18010108) |            |           |
| 396678.14  | 3813243.87 | 15.22690   | (16012124) | 396716.48 |
| 3813261.11 | 15.74988   | (16012124) |            |           |
| 396754.81  | 3813278.36 | 14.31159   | (16012124) | 396408.37 |
| 3813123.87 | 13.30493   | (16121408) |            |           |
| 396367.19  | 3813108.08 | 14.90616   | (19120116) | 396627.85 |
| 3812673.85 | 11.41090   | (16121408) |            |           |
| 396667.50  | 3812691.69 | 11.90318   | (16091008) | 396707.15 |
| 3812709.52 | 12.16276   | (16091008) |            |           |
| 396746.80  | 3812727.36 | 12.78130   | (17021208) | 396786.45 |
| 3812745.20 | 12.87204   | (17021208) |            |           |
| 396826.10  | 3812763.04 | 11.68793   | (17021208) | 396865.76 |
| 3812780.88 | 12.39510   | (18010108) |            |           |
| 396905.41  | 3812798.71 | 12.64045   | (18010108) | 396945.06 |
| 3812816.55 | 13.38566   | (16012124) |            |           |
| 396984.71  | 3812834.39 | 13.13489   | (16012124) | 396587.43 |
| 3812657.03 | 12.48542   | (19120116) |            |           |
| 396546.25  | 3812641.24 | 12.69207   | (19120116) | 397105.29 |
| 3811428.92 | 9.06846    | (19120116) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1046

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 397144.83  | 3811446.71         | 8.72074 | (19120116) | 397184.38 |
| 3811464.50 | 8.06070 (16121408) |         |            |           |
| 397223.92  | 3811482.29         | 8.09383 | (16091008) | 397263.46 |
| 3811500.08 | 8.63753 (16091008) |         |            |           |
| 397303.00  | 3811517.87         | 8.55300 | (16091008) | 397342.55 |
| 3811535.66 | 8.94225 (17121208) |         |            |           |
| 397382.09  | 3811553.45         | 9.13467 | (17021208) | 397421.63 |
| 3811571.24 | 8.75591 (17021208) |         |            |           |
| 397461.18  | 3811589.03         | 7.90658 | (17021208) | 397500.72 |
| 3811606.82 | 8.70444 (18010108) |         |            |           |
| 397540.26  | 3811624.61         | 9.01909 | (18010108) | 397579.80 |
| 3811642.40 | 9.03126 (16012124) |         |            |           |
| 397064.93  | 3811412.13         | 8.74799 | (19120116) | 397023.75 |
| 3811396.34 | 9.04783 (17010808) |         |            |           |
| 397582.75  | 3810184.01         | 6.66043 | (20022724) | 397622.23 |
| 3810201.77 | 6.83363 (19120116) |         |            |           |
| 397661.71  | 3810219.53         | 6.86772 | (19120116) | 397701.19 |
| 3810237.29 | 6.56221 (19120116) |         |            |           |
| 397740.67  | 3810255.05         | 6.10964 | (16121408) | 397780.15 |
| 3810272.81 | 6.05793 (16121408) |         |            |           |
| 397819.63  | 3810290.57         | 6.41450 | (16091008) | 397859.11 |
| 3810308.33 | 6.60171 (16091008) |         |            |           |
| 397898.59  | 3810326.10         | 6.45959 | (16091008) | 397938.07 |
| 3810343.86 | 6.76639 (17121208) |         |            |           |
| 397977.54  | 3810361.62         | 6.90811 | (17021208) | 398017.02 |
| 3810379.38 | 6.79378 (17021208) |         |            |           |
| 398056.50  | 3810397.14         | 6.40302 | (17021208) | 398095.98 |
| 3810414.90 | 6.02472 (20022724) |         |            |           |
| 398135.46  | 3810432.66         | 6.56967 | (18010108) | 398174.94 |
| 3810450.42 | 6.83969 (18010108) |         |            |           |
| 398214.42  | 3810468.18         | 6.77355 | (18010108) | 397542.42 |
| 3810167.23 | 6.88084 (17010808) |         |            |           |
| 397501.24  | 3810151.44         | 6.75113 | (17010808) | 398060.22 |
| 3808939.10 | 5.51761 (17010808) |         |            |           |
| 398099.66  | 3808956.84         | 5.40621 | (17010808) | 398139.10 |
| 3808974.58 | 5.38012 (19120116) |         |            |           |
| 398178.54  | 3808992.33         | 5.52453 | (19120116) | 398217.97 |
| 3809010.07 | 5.46884 (19120116) |         |            |           |
| 398257.41  | 3809027.81         | 5.21910 | (19120116) | 398296.85 |
| 3809045.55 | 4.88615 (16121408) |         |            |           |
| 398336.29  | 3809063.29         | 4.88542 | (16121408) | 398375.72 |
| 3809081.03 | 4.99847 (16091008) |         |            |           |
| 398415.16  | 3809098.78         | 5.23741 | (16091008) | 398454.60 |
| 3809116.52 | 5.29013 (16091008) |         |            |           |
| 398494.04  | 3809134.26         | 5.15116 | (16091008) | 398533.47 |
| 3809152.00 | 5.40401 (17121208) |         |            |           |
| 398572.91  | 3809169.74         | 5.51464 | (17121208) | 398612.35 |
| 3809187.49 | 5.48246 (17021208) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398651.79  | 3809205.23 | 5.29370    | (17021208) | 398691.22 |
| 3809222.97 | 4.96060    | (17021208) |            |           |
| 398730.66  | 3809240.71 | 4.85832    | (20022724) | 398770.10 |
| 3809258.45 | 5.23691    | (18010108) |            |           |
| 398809.54  | 3809276.20 | 5.45701    | (18010108) | 398019.92 |
| 3808922.33 | 5.42767    | (17010808) |            |           |
| 397978.74  | 3808906.54 | 5.69730m   | (17102624) | 398537.70 |
| 3807694.19 | 4.50479    | (17010808) |            |           |
| 398577.11  | 3807711.92 | 4.57204    | (17010808) | 398616.52 |
| 3807729.65 | 4.51236    | (17010808) |            |           |
| 398655.93  | 3807747.38 | 4.36866    | (19120116) | 398695.34 |
| 3807765.11 | 4.53637    | (19120116) |            |           |
| 398734.74  | 3807782.84 | 4.58085    | (19120116) | 398774.15 |
| 3807800.56 | 4.49849    | (19120116) |            |           |
| 398813.56  | 3807818.29 | 4.29608    | (19120116) | 398852.97 |
| 3807836.02 | 4.03977    | (16121408) |            |           |
| 398892.37  | 3807853.75 | 4.05807    | (16121408) | 398931.78 |
| 3807871.48 | 4.02725    | (16091008) |            |           |
| 398971.19  | 3807889.21 | 4.25629    | (16091008) | 399010.60 |
| 3807906.94 | 4.37431    | (16091008) |            |           |
| 399050.01  | 3807924.66 | 4.37173    | (16091008) | 399089.41 |
| 3807942.39 | 4.24891    | (16091008) |            |           |
| 399128.82  | 3807960.12 | 4.46284    | (17121208) | 399168.23 |
| 3807977.85 | 4.56352    | (17121208) |            |           |
| 399207.64  | 3807995.58 | 4.54575    | (17021208) | 399247.04 |
| 3808013.31 | 4.45457    | (17021208) |            |           |
| 399286.45  | 3808031.04 | 4.26292    | (17021208) | 399325.86 |
| 3808048.76 | 3.98968    | (17021208) |            |           |
| 399365.27  | 3808066.49 | 4.03968    | (20022724) | 399404.68 |
| 3808084.22 | 4.31776    | (18010108) |            |           |
| 399444.08  | 3808101.95 | 4.49628    | (18010108) | 398497.41 |
| 3807677.43 | 4.65432m   | (17102624) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1047

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|------------|------------|-------------|
| - - - - -   | - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |
| 3806449.45  | 398456.23   | 3807661.64  | 4.82720m   | (17102624) | 399015.55   |
| 3806485.54  | 399055.67   | 3806467.50  | 3.82996    | (17010808) | 399095.78   |
| 3806521.64  | 399135.90   | 3806503.59  | 3.84219    | (17010808) | 399176.01   |
| 3806557.73  | 399216.13   | 3806539.68  | 3.80919    | (19120116) | 399256.24   |
| 3806593.82  | 399296.36   | 3806575.78  | 3.87079    | (19120116) | 399336.47   |
| 3806629.92  | 399376.59   | 3806611.87  | 3.58947    | (19120116) | 399416.70   |
| 3806666.01  | 399456.82   | 3806647.97  | 3.44256    | (16121408) | 399496.93   |
| 3806702.11  | 399537.05   | 3806684.06  | 3.57413    | (16091008) | 399577.16   |
| 3806738.20  | 399617.28   | 3806720.15  | 3.72467    | (16091008) | 399657.39   |
| 3806774.29  | 399697.51   | 3806756.25  | 3.67227    | (17121208) | 399737.62   |
| 3806810.39  | 399777.74   | 3806792.34  | 3.87636    | (17121208) | 399817.85   |
| 3806846.48  | 399857.97   | 3806828.43  | 3.77352    | (17021208) | 399898.08   |
| 3806882.57  | 399938.20   | 3806864.53  | 3.43161    | (17021208) | 399978.31   |
| 3806918.67  | 400018.43   | 3806900.62  | 3.54374    | (20022724) | 400058.54   |
| 3806416.73  | 398974.90   | 3806432.53  | 4.05760m   | (17102624) | 398933.72   |
| 3805222.53  | 399493.00   | 3805204.53  | 3.47388m   | (17102624) | 399533.01   |
| 3805258.53  | 399573.02   | 3805240.53  | 3.31471    | (17010808) | 399613.04   |
| 3805330.54  | 399653.05   | 3805276.53  | 3.33265    | (17010808) | 399693.06   |
| 3805366.54  | 399733.08   | 3805312.54  | 3.24501    | (19120116) | 399773.09   |
| 3805402.54  | 399813.11   | 3805348.54  | 3.36332    | (19120116) | 399853.12   |
| 3805438.54  | 399893.13   | 3805384.54  | 3.23713    | (19120116) | 399933.15   |
| 400053.19   | 399973.16   | 3805420.54  | 2.96372    | (16121408) | 400013.18   |
| 3805474.55  | 400053.19   | 3805456.55  | 2.93943    | (16121408) | 400093.20   |
|             | 3805474.55  | 3.02613     | (16091008) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 400133.22  | 3805492.55 | 3.14610    | (16091008) | 400173.23 |
| 3805510.55 | 3.21071    | (16091008) |            |           |
| 400213.25  | 3805528.55 | 3.21646    | (16091008) | 400253.26 |
| 3805546.55 | 3.16308    | (16091008) |            |           |
| 400293.27  | 3805564.55 | 3.17603    | (17121208) | 400333.29 |
| 3805582.55 | 3.29090    | (17121208) |            |           |
| 400373.30  | 3805600.56 | 3.34737    | (17121208) | 400413.32 |
| 3805618.56 | 3.34243    | (17121208) |            |           |
| 400453.33  | 3805636.56 | 3.28529    | (17021208) | 400493.34 |
| 3805654.56 | 3.19786    | (17021208) |            |           |
| 400533.36  | 3805672.56 | 3.06478    | (17021208) | 400573.37 |
| 3805690.56 | 2.89440    | (17021208) |            |           |
| 400613.39  | 3805708.56 | 2.87007    | (20022724) | 400653.40 |
| 3805726.56 | 3.06129    | (20022724) |            |           |
| 399452.40  | 3805187.63 | 3.55089m   | (17102624) | 399411.22 |
| 3805171.83 | 3.56300m   | (17102624) |            |           |
| 395151.30  | 3816203.38 | 21.43090   | (16020116) | 395128.15 |
| 3816199.24 | 20.77977   | (16020116) |            |           |
| 395105.00  | 3816195.11 | 18.01680   | (17053116) | 395081.85 |
| 3816190.98 | 22.01610   | (18110516) |            |           |
| 395058.70  | 3816186.84 | 24.07715   | (17042816) | 395035.55 |
| 3816182.71 | 20.69918   | (17042816) |            |           |
| 395012.40  | 3816178.57 | 13.72601   | (20123116) | 394989.25 |
| 3816174.44 | 10.17628   | (20123116) |            |           |
| 394966.10  | 3816170.30 | 9.60630    | (18090616) | 394942.95 |
| 3816166.17 | 10.85419   | (18090616) |            |           |
| 395132.54  | 3816174.63 | 13.27437   | (17053116) | 395109.39 |
| 3816170.50 | 13.12986   | (18110516) |            |           |
| 395086.24  | 3816166.37 | 17.82399   | (18110516) | 395063.09 |
| 3816162.23 | 20.04617   | (17042816) |            |           |
| 395039.94  | 3816158.10 | 15.35827   | (17042816) | 395016.79 |
| 3816153.96 | 12.65114   | (20123116) |            |           |
| 394993.64  | 3816149.83 | 8.91539    | (18080616) | 394970.49 |
| 3816145.69 | 9.41412    | (18090616) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1048

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 394947.34   | 3816141.56          | 10.10085   | (18090616) | 395136.94   |
| 3816150.02  | 10.53053 (17053116) |            |            |             |
| 395113.79   | 3816145.89          | 12.10678   | (18110516) | 395090.64   |
| 3816141.75  | 13.01064 (18110516) |            |            |             |
| 395067.49   | 3816137.62          | 13.85148   | (17042816) | 395044.34   |
| 3816133.49  | 11.31002 (20123116) |            |            |             |
| 395021.19   | 3816129.35          | 11.13005   | (20123116) | 394998.04   |
| 3816125.22  | 8.38046 (18080616)  |            |            |             |
| 394974.89   | 3816121.08          | 9.26733    | (18090616) | 394951.74   |
| 3816116.95  | 9.73439 (18090616)  |            |            |             |
| 395164.48   | 3816129.55          | 10.04236   | (17053116) | 395141.33   |
| 3816125.41  | 10.01081 (18110516) |            |            |             |
| 395118.18   | 3816121.28          | 11.08386   | (18110516) | 395095.03   |
| 3816117.14  | 10.27421 (17042816) |            |            |             |
| 395071.88   | 3816113.01          | 8.77848    | (17042816) | 395048.73   |
| 3816108.88  | 8.54583 (20123116)  |            |            |             |
| 395025.58   | 3816104.74          | 8.41018    | (20123116) | 395002.43   |
| 3816100.61  | 7.56800 (18080616)  |            |            |             |
| 394979.28   | 3816096.47          | 8.66771    | (18090616) | 394956.13   |
| 3816092.34  | 9.27116 (18090616)  |            |            |             |
| 395173.27   | 3816080.33          | 9.38866    | (18110516) | 395150.12   |
| 3816076.19  | 9.82325 (18110516)  |            |            |             |
| 395126.97   | 3816072.06          | 9.14107    | (17042816) | 395103.82   |
| 3816067.92  | 7.59141 (17042816)  |            |            |             |
| 395080.67   | 3816063.79          | 6.41216    | (20123116) | 395057.52   |
| 3816059.65  | 5.79790 (20123116)  |            |            |             |
| 395034.37   | 3816055.52          | 5.85235    | (18080616) | 395011.22   |
| 3816051.39  | 5.97149 (18090616)  |            |            |             |
| 394988.07   | 3816047.25          | 6.87124    | (18090616) | 394964.92   |
| 3816043.12  | 7.45345 (18090616)  |            |            |             |
| 395200.29   | 3816036.18          | 9.58731    | (18110516) | 395158.91   |
| 3816026.97  | 8.75548 (17042816)  |            |            |             |
| 395135.76   | 3816022.84          | 7.42497    | (17042816) | 395112.61   |
| 3816018.70  | 5.81129 (20123116)  |            |            |             |
| 395089.46   | 3816014.57          | 5.55172    | (20123116) | 395066.31   |
| 3816010.43  | 4.97611 (18080616)  |            |            |             |
| 395043.16   | 3816006.30          | 5.02237    | (18080616) | 395020.01   |
| 3816002.16  | 5.35765 (18090616)  |            |            |             |
| 394996.86   | 3815998.03          | 5.85828    | (18090616) | 394973.71   |
| 3815993.90  | 6.12794 (18090616)  |            |            |             |
| 395206.05   | 3815986.11          | 9.38338    | (17042816) | 395167.70   |
| 3815977.75  | 8.41135 (17042816)  |            |            |             |
| 395144.55   | 3815973.62          | 6.30857    | (20123116) | 395121.40   |
| 3815969.48  | 6.16030 (20123116)  |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 395098.25  | 3815965.35         | 5.44420 | (20123116) | 395075.10 |
| 3815961.21 | 4.41670 (18080616) |         |            |           |
| 395051.95  | 3815957.08         | 4.57623 | (20012316) | 395028.80 |
| 3815952.94 | 4.94089 (18090616) |         |            |           |
| 395005.65  | 3815948.81         | 5.30619 | (18090616) | 394982.50 |
| 3815944.67 | 5.49047 (18090616) |         |            |           |
| 395217.87  | 3815937.74         | 9.85944 | (17042816) | 395176.49 |
| 3815928.53 | 7.01229 (17042816) |         |            |           |
| 395153.34  | 3815924.39         | 6.70452 | (20123116) | 395130.19 |
| 3815920.26 | 6.38044 (20123116) |         |            |           |
| 395107.04  | 3815916.13         | 5.32328 | (20123116) | 395083.89 |
| 3815911.99 | 4.31523 (20012316) |         |            |           |
| 395060.74  | 3815907.86         | 4.52153 | (20012316) | 395037.59 |
| 3815903.72 | 4.56867 (18090616) |         |            |           |
| 395014.44  | 3815899.59         | 4.85257 | (18090616) | 394991.29 |
| 3815895.45 | 4.98513 (18090616) |         |            |           |
| 395229.70  | 3815889.36         | 9.38031 | (17042816) | 395185.28 |
| 3815879.31 | 7.01461 (20123116) |         |            |           |
| 395162.13  | 3815875.17         | 7.01883 | (20123116) | 395138.98 |
| 3815871.04 | 6.34813 (20123116) |         |            |           |
| 395115.83  | 3815866.90         | 4.96007 | (20123116) | 395092.68 |
| 3815862.77 | 4.19043 (19122316) |         |            |           |
| 395069.53  | 3815858.64         | 4.33554 | (20012316) | 395046.38 |
| 3815854.50 | 4.28360 (20012316) |         |            |           |
| 395023.23  | 3815850.37         | 4.29123 | (18090616) | 395000.08 |
| 3815846.23 | 4.38335 (18090616) |         |            |           |
| 395246.53  | 3815790.71         | 7.01176 | (20123116) | 395287.54 |
| 3815802.13 | 9.47737 (17042816) |         |            |           |
| 395202.87  | 3815780.86         | 7.39597 | (20123116) | 395179.72 |
| 3815776.73 | 6.77963 (20123116) |         |            |           |
| 395156.57  | 3815772.60         | 5.47822 | (19122316) | 395133.42 |
| 3815768.46 | 6.52760 (19122316) |         |            |           |
| 395110.27  | 3815764.33         | 6.46415 | (19122316) | 395087.12 |
| 3815760.19 | 5.27395 (19122316) |         |            |           |
| 395063.97  | 3815756.06         | 3.76924 | (20012316) | 395040.82 |
| 3815751.92 | 3.47023 (20012316) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1049

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|----------|------------|-------------|
| -----       |             |                     |            |          |            |             |
| 3815692.14  | 395017.67   | 3815747.79          |            | 3.56151  | (20120416) | 395263.65   |
|             |             | 7.42643             | (20123116) |          |            |             |
| 3815682.42  | 395303.76   | 3815703.30          |            | 6.93028  | (20123116) | 395220.45   |
|             |             | 6.79052             | (20123116) |          |            |             |
| 3815674.15  | 395197.30   | 3815678.29          |            | 7.28451  | (19122316) | 395174.15   |
|             |             | 8.52872             | (19122316) |          |            |             |
| 3815665.88  | 395151.00   | 3815670.02          |            | 8.58751  | (19122316) | 395127.85   |
|             |             | 7.41131             | (19122316) |          |            |             |
| 3815657.62  | 395104.70   | 3815661.75          |            | 5.52636  | (19122316) | 395081.55   |
|             |             | 3.57081             | (19122316) |          |            |             |
| 3815649.35  | 395058.40   | 3815653.48          |            | 3.35226  | (20120416) | 395035.25   |
|             |             | 3.58395             | (20120416) |          |            |             |
| 3815604.61  | 395280.93   | 3815593.61          |            | 7.11676  | (20123116) | 395320.43   |
|             |             | 7.26358             | (20123116) |          |            |             |
| 3815583.98  | 395359.93   | 3815615.60          |            | 6.62967  | (20123116) | 395238.03   |
|             |             | 9.43690             | (19122316) |          |            |             |
| 3815575.71  | 395214.88   | 3815579.85          |            | 11.75634 | (19122316) | 395191.73   |
|             |             | 12.44179            | (19122316) |          |            |             |
| 3815567.44  | 395168.58   | 3815571.58          |            | 10.87588 | (19122316) | 395145.43   |
|             |             | 8.15584             | (19122316) |          |            |             |
| 3815559.17  | 395122.28   | 3815563.31          |            | 5.66967  | (19122316) | 395099.13   |
|             |             | 3.56333             | (19122316) |          |            |             |
| 3815550.90  | 395075.98   | 3815555.04          |            | 3.27878  | (20120416) | 395052.83   |
|             |             | 3.52628             | (20120416) |          |            |             |
| 3815505.98  | 395298.29   | 3815495.11          |            | 8.24841  | (19122316) | 395337.36   |
|             |             | 6.80487             | (20123116) |          |            |             |
| 3815485.54  | 395376.42   | 3815516.86          |            | 6.73976  | (20123116) | 395255.61   |
|             |             | 13.01458            | (19122316) |          |            |             |
| 3815477.27  | 395232.46   | 3815481.40          |            | 13.47369 | (19122316) | 395209.31   |
|             |             | 12.25106            | (19122316) |          |            |             |
| 3815469.00  | 395186.16   | 3815473.13          |            | 10.22283 | (19122316) | 395163.01   |
|             |             | 7.70216             | (19122316) |          |            |             |
| 3815460.73  | 395139.86   | 3815464.87          |            | 5.14325  | (19122316) | 395116.71   |
|             |             | 3.44259m            | (16051724) |          |            |             |
| 3815452.46  | 395093.56   | 3815456.60          |            | 3.27652  | (20120416) | 395070.41   |
|             |             | 4.54303             | (16041524) |          |            |             |
| 3815403.55  | 395318.48   | 3815397.39          |            | 11.59647 | (19122316) | 395340.62   |
|             |             | 9.13540             | (19122316) |          |            |             |
| 3815415.88  | 395362.75   | 3815409.72          |            | 8.37529  | (18101308) | 395384.89   |
|             |             | 7.47957             | (19122324) |          |            |             |
| 3815428.20  | 395407.03   | 3815422.04          |            | 7.48021  | (19122324) | 395429.16   |
|             |             | 7.65255             | (19122324) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395296.34  | 3815391.23 | 13.25053   | (19122316) | 395273.19 |
| 3815387.10 | 13.91315   | (19122316) |            |           |
| 395250.04  | 3815382.96 | 13.58705   | (19122316) | 395226.89 |
| 3815378.83 | 11.70203   | (19122316) |            |           |
| 395203.74  | 3815374.69 | 8.89821    | (19122316) | 395180.59 |
| 3815370.56 | 6.53390    | (19122316) |            |           |
| 395157.44  | 3815366.42 | 5.73822    | (16012608) | 395134.29 |
| 3815362.29 | 7.32451    | (16012608) |            |           |
| 395111.14  | 3815358.15 | 6.98865    | (19011524) | 395087.99 |
| 3815354.02 | 6.45656    | (16041524) |            |           |
| 395362.58  | 3815151.33 | 35.84154   | (20022608) | 395384.86 |
| 3815157.53 | 35.42555   | (20022608) |            |           |
| 395407.14  | 3815163.73 | 24.88768m  | (17102624) | 395429.42 |
| 3815169.93 | 22.83285   | (18012124) |            |           |
| 395451.70  | 3815176.14 | 23.68916c  | (18121424) | 395473.99 |
| 3815182.34 | 29.94049c  | (18121424) |            |           |
| 395496.27  | 3815188.54 | 29.51114c  | (18121424) | 395518.55 |
| 3815194.74 | 25.63897   | (17102408) |            |           |
| 395340.29  | 3815145.12 | 23.61264   | (20022608) | 395317.14 |
| 3815140.99 | 17.70472c  | (19112308) |            |           |
| 395293.99  | 3815136.85 | 21.81516c  | (19112308) | 395270.84 |
| 3815132.72 | 23.66078c  | (19112308) |            |           |
| 395247.69  | 3815128.59 | 20.53517   | (18021708) | 395224.54 |
| 3815124.45 | 21.21323   | (17010724) |            |           |
| 395201.39  | 3815120.32 | 19.78513   | (17010724) | 395178.24 |
| 3815116.18 | 15.68858   | (17010724) |            |           |
| 395155.09  | 3815112.05 | 12.20219   | (19122608) | 395131.94 |
| 3815107.91 | 12.48729   | (16022408) |            |           |
| 395406.62  | 3814905.25 | 40.23932c  | (18022408) | 395428.99 |
| 3814911.47 | 45.57704   | (20022608) |            |           |
| 395451.37  | 3814917.70 | 47.51654   | (20022608) | 395473.74 |
| 3814923.93 | 41.46405   | (20022608) |            |           |
| 395496.12  | 3814930.16 | 40.60049m  | (17102624) | 395518.49 |
| 3814936.39 | 37.68532   | (17010808) |            |           |
| 395540.87  | 3814942.62 | 37.82130   | (19120116) | 395563.24 |
| 3814948.84 | 34.12222   | (16121408) |            |           |
| 395585.61  | 3814955.07 | 35.37033   | (16091008) | 395607.99 |
| 3814961.30 | 37.28089   | (17021208) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1050

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 395384.25   | 3814899.02  | 37.97817c      | (19112308) | 395361.10          |  |
| 3814894.88  | 36.85037    | (17122508)     |            |                    |  |
| 395337.95   | 3814890.75  | 37.53870       | (17122508) | 395314.80          |  |
| 3814886.61  | 37.84926    | (18011724)     |            |                    |  |
| 395291.65   | 3814882.48  | 34.15027       | (18120424) | 395268.50          |  |
| 3814878.35  | 38.20660    | (18120424)     |            |                    |  |
| 395245.35   | 3814874.21  | 37.41978       | (16012624) | 395222.20          |  |
| 3814870.08  | 35.62386    | (16012624)     |            |                    |  |
| 395199.05   | 3814865.94  | 37.03707       | (18020908) | 395175.90          |  |
| 3814861.81  | 37.83938    | (18020908)     |            |                    |  |
| 395450.64   | 3814659.16  | 30.89359       | (17060908) | 395473.08          |  |
| 3814665.40  | 32.33882c   | (19112308)     |            |                    |  |
| 395495.51   | 3814671.65  | 35.93826c      | (18022408) | 395517.95          |  |
| 3814677.90  | 38.95586    | (20022608)     |            |                    |  |
| 395540.39   | 3814684.14  | 39.90348       | (20022608) | 395562.83          |  |
| 3814690.39  | 35.61213    | (20022608)     |            |                    |  |
| 395585.26   | 3814696.63  | 35.17490m      | (17102624) | 395607.70          |  |
| 3814702.88  | 32.45598    | (17010808)     |            |                    |  |
| 395630.14   | 3814709.13  | 31.74989       | (19120116) | 395652.58          |  |
| 3814715.37  | 31.85453    | (19120116)     |            |                    |  |
| 395675.02   | 3814721.62  | 29.14655       | (16121408) | 395697.45          |  |
| 3814727.86  | 30.46092    | (16091008)     |            |                    |  |
| 395428.20   | 3814652.91  | 32.65070       | (17122508) | 395405.05          |  |
| 3814648.78  | 31.70935    | (18011724)     |            |                    |  |
| 395381.90   | 3814644.64  | 32.29898       | (18011724) | 395358.75          |  |
| 3814640.51  | 28.44630    | (18120424)     |            |                    |  |
| 395335.60   | 3814636.37  | 32.36267       | (18120424) | 395312.45          |  |
| 3814632.24  | 31.63566    | (18120424)     |            |                    |  |
| 395289.30   | 3814628.11  | 31.98855       | (16012624) | 395266.15          |  |
| 3814623.97  | 28.35579    | (16012624)     |            |                    |  |
| 395243.00   | 3814619.84  | 32.39536       | (18020908) | 395219.85          |  |
| 3814615.70  | 32.11400    | (18020908)     |            |                    |  |
| 395494.64   | 3814413.06  | 28.49290       | (17122508) | 395517.12          |  |
| 3814419.32  | 26.97527    | (17122508)     |            |                    |  |
| 395539.61   | 3814425.58  | 27.04699c      | (19112308) | 395562.09          |  |
| 3814431.84  | 27.55357c   | (18022408)     |            |                    |  |
| 395584.58   | 3814438.10  | 32.01567c      | (18022408) | 395607.06          |  |
| 3814444.36  | 33.80599    | (20022608)     |            |                    |  |
| 395629.55   | 3814450.62  | 34.21493       | (20022608) | 395652.03          |  |
| 3814456.88  | 31.01874    | (20022608)     |            |                    |  |

|            |                      |                      |           |
|------------|----------------------|----------------------|-----------|
| 395674.51  | 3814463.14           | 30.64036m (17102624) | 395697.00 |
| 3814469.40 | 28.59599m (17102624) |                      |           |
| 395719.48  | 3814475.65           | 27.82882 (20022724)  | 395741.97 |
| 3814481.91 | 28.13356 (19120116)  |                      |           |
| 395764.45  | 3814488.17           | 26.85952 (19120116)  | 395786.94 |
| 3814494.43 | 25.14146 (16121408)  |                      |           |
| 395472.15  | 3814406.81           | 27.88453 (18011724)  | 395449.00 |
| 3814402.67 | 27.98004 (18011724)  |                      |           |
| 395425.85  | 3814398.54           | 24.85898 (18011724)  | 395402.70 |
| 3814394.40 | 27.66489 (18120424)  |                      |           |
| 395379.55  | 3814390.27           | 28.12068 (18120424)  | 395356.40 |
| 3814386.13 | 27.84973 (16012624)  |                      |           |
| 395333.25  | 3814382.00           | 26.80399 (16012624)  | 395310.10 |
| 3814377.86 | 25.80606 (18020908)  |                      |           |
| 395286.95  | 3814373.73           | 28.42595 (18020908)  | 395263.80 |
| 3814369.60 | 27.66884 (18020908)  |                      |           |
| 395582.61  | 3813920.87           | 21.77609 (18011724)  | 395605.16 |
| 3813927.15 | 22.08039 (18011724)  |                      |           |
| 395627.70  | 3813933.42           | 21.94693 (17122508)  | 395650.25 |
| 3813939.70 | 22.12890 (17122508)  |                      |           |
| 395672.80  | 3813945.98           | 20.76971 (17060908)  | 395695.35 |
| 3813952.25 | 20.82673 (17060908)  |                      |           |
| 395717.90  | 3813958.53           | 20.97939c (19112308) | 395740.45 |
| 3813964.81 | 23.71114c (18022408) |                      |           |
| 395763.00  | 3813971.09           | 25.54936c (18022408) | 395785.54 |
| 3813977.36 | 26.28562 (20022608)  |                      |           |
| 395808.09  | 3813983.64           | 26.22270 (20022608)  | 395830.64 |
| 3813989.92 | 24.26157 (20022608)  |                      |           |
| 395853.19  | 3813996.19           | 23.75183m (17102624) | 395875.74 |
| 3814002.47 | 23.38617m (17102624) |                      |           |
| 395898.29  | 3814008.75           | 21.99490 (17010808)  | 395920.84 |
| 3814015.02 | 21.60967 (20022724)  |                      |           |
| 395943.39  | 3814021.30           | 21.95255 (19120116)  | 395965.93 |
| 3814027.58 | 21.50256 (19120116)  |                      |           |
| 395560.06  | 3813914.59           | 19.76783 (18011724)  | 395536.91 |
| 3813910.46 | 20.83897 (18120424)  |                      |           |
| 395513.76  | 3813906.33           | 22.07610 (18120424)  | 395490.61 |
| 3813902.19 | 21.52438 (18120424)  |                      |           |
| 395467.46  | 3813898.06           | 21.74544 (16012624)  | 395444.31 |
| 3813893.92 | 21.06968 (16012624)  |                      |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1051

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 395421.16   | 3813889.79           | 18.98340   | (18020908) | 395398.01   |
| 3813885.65  | 21.46062 (18020908)  |            |            |             |
| 395374.86   | 3813881.52           | 22.30390   | (18020908) | 395351.71   |
| 3813877.38  | 21.68052 (16010908)  |            |            |             |
| 395670.55   | 3813428.67           | 16.33439   | (18120424) | 395693.14   |
| 3813434.96  | 16.24359 (18011724)  |            |            |             |
| 395715.74   | 3813441.25           | 17.62830   | (18011724) | 395738.33   |
| 3813447.54  | 18.00305 (18011724)  |            |            |             |
| 395760.92   | 3813453.82           | 17.37416   | (17122508) | 395783.51   |
| 3813460.11  | 18.06770 (17122508)  |            |            |             |
| 395806.10   | 3813466.40           | 17.68318   | (17122508) | 395828.69   |
| 3813472.69  | 16.95165 (17060908)  |            |            |             |
| 395851.28   | 3813478.98           | 16.89620   | (17060908) | 395873.87   |
| 3813485.27  | 16.70519c (19112308) |            |            |             |
| 395896.46   | 3813491.55           | 18.30693c  | (18022408) | 395919.05   |
| 3813497.84  | 20.10728c (18022408) |            |            |             |
| 395941.64   | 3813504.13           | 20.79376c  | (18022408) | 395964.23   |
| 3813510.42  | 21.20593 (20022608)  |            |            |             |
| 395986.82   | 3813516.71           | 20.99666   | (20022608) | 396009.41   |
| 3813523.00  | 19.67643 (20022608)  |            |            |             |
| 396032.00   | 3813529.28           | 19.01896m  | (17102624) | 396054.59   |
| 3813535.57  | 19.24228m (17102624) |            |            |             |
| 396077.18   | 3813541.86           | 18.34917m  | (17102624) | 396099.77   |
| 3813548.15  | 17.90386 (17010808)  |            |            |             |
| 396122.36   | 3813554.44           | 17.43692   | (20022724) | 396144.95   |
| 3813560.73  | 17.79273 (19120116)  |            |            |             |
| 395647.96   | 3813422.38           | 17.60629   | (18120424) | 395624.81   |
| 3813418.25  | 17.88099 (18120424)  |            |            |             |
| 395601.66   | 3813414.11           | 17.09652   | (18120424) | 395578.51   |
| 3813409.98  | 17.62219 (16012624)  |            |            |             |
| 395555.36   | 3813405.84           | 17.15151   | (16012624) | 395532.21   |
| 3813401.71  | 15.70316 (16012624)  |            |            |             |
| 395509.06   | 3813397.58           | 16.66394   | (18020908) | 395485.91   |
| 3813393.44  | 17.86287 (18020908)  |            |            |             |
| 395462.76   | 3813389.31           | 18.00985   | (18020908) | 395439.61   |
| 3813385.17  | 17.67587 (16010908)  |            |            |             |
| 395758.49   | 3812936.47           | 14.96075   | (18120424) | 395781.11   |
| 3812942.76  | 14.41310 (18120424)  |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395803.73  | 3812949.06 | 13.25952   | (18120424) | 395826.35 |
| 3812955.36 | 13.72538   | (18011724) |            |           |
| 395848.97  | 3812961.65 | 14.73326   | (18011724) | 395871.59 |
| 3812967.95 | 15.09524   | (18011724) |            |           |
| 395894.21  | 3812974.25 | 14.76206   | (18011724) | 395916.83 |
| 3812980.54 | 14.97597   | (17122508) |            |           |
| 395939.45  | 3812986.84 | 15.10638   | (17122508) | 395962.07 |
| 3812993.14 | 14.54519   | (17122508) |            |           |
| 395984.69  | 3812999.43 | 14.23957   | (17060908) | 396007.31 |
| 3813005.73 | 14.14335   | (17060908) |            |           |
| 396029.93  | 3813012.03 | 13.76316c  | (19112308) | 396052.55 |
| 3813018.32 | 14.67361c  | (18022408) |            |           |
| 396075.17  | 3813024.62 | 16.24566c  | (18022408) | 396097.79 |
| 3813030.92 | 17.17265c  | (18022408) |            |           |
| 396120.41  | 3813037.21 | 17.33370c  | (18022408) | 396143.03 |
| 3813043.51 | 17.65776   | (20022608) |            |           |
| 396165.65  | 3813049.81 | 17.41160   | (20022608) | 396188.27 |
| 3813056.10 | 16.46100   | (20022608) |            |           |
| 396210.89  | 3813062.40 | 15.70209m  | (17102624) | 396233.50 |
| 3813068.69 | 16.12272m  | (17102624) |            |           |
| 396256.12  | 3813074.99 | 15.81860m  | (17102624) | 396278.74 |
| 3813081.29 | 14.83239m  | (17102624) |            |           |
| 396301.36  | 3813087.58 | 14.97640   | (17010808) | 396323.98 |
| 3813093.88 | 14.52100   | (20022724) |            |           |
| 395735.87  | 3812930.17 | 14.82536   | (18120424) | 395712.72 |
| 3812926.04 | 14.40553   | (16012624) |            |           |
| 395689.57  | 3812921.90 | 14.73880   | (16012624) | 395666.42 |
| 3812917.77 | 14.39266   | (16012624) |            |           |
| 395643.27  | 3812913.63 | 13.41300   | (16012624) | 395620.12 |
| 3812909.50 | 13.35699   | (18020908) |            |           |
| 395596.97  | 3812905.36 | 14.53805   | (18020908) | 395573.82 |
| 3812901.23 | 15.09992   | (18020908) |            |           |
| 395550.67  | 3812897.09 | 14.96591   | (18020908) | 395527.52 |
| 3812892.96 | 14.84675   | (16010908) |            |           |
| 395846.42  | 3812444.26 | 12.51678   | (18120424) | 395869.06 |
| 3812450.56 | 12.81071   | (18120424) |            |           |
| 395891.70  | 3812456.87 | 12.63985   | (18120424) | 395914.34 |
| 3812463.17 | 12.01942   | (18120424) |            |           |
| 395936.98  | 3812469.47 | 11.01913   | (18120424) | 395959.63 |
| 3812475.77 | 11.81089   | (18011724) |            |           |
| 395982.27  | 3812482.08 | 12.57404   | (18011724) | 396004.91 |
| 3812488.38 | 12.90016   | (18011724) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396027.55   | 3812494.68  | 12.75418   | (18011724) | 396050.19   |
| 3812500.98  | 12.58928    | (17122508) |            |             |
| 396072.83   | 3812507.29  | 12.93106   | (17122508) | 396095.47   |
| 3812513.59  | 12.80020    | (17122508) |            |             |
| 396118.12   | 3812519.89  | 12.21103   | (17122508) | 396140.76   |
| 3812526.20  | 12.19207    | (17060908) |            |             |
| 396163.40   | 3812532.50  | 12.08437   | (17060908) | 396186.04   |
| 3812538.80  | 11.60264c   | (19112308) |            |             |
| 396208.68   | 3812545.10  | 12.06930c  | (18022408) | 396231.32   |
| 3812551.41  | 13.39747c   | (18022408) |            |             |
| 396253.97   | 3812557.71  | 14.33482c  | (18022408) | 396276.61   |
| 3812564.01  | 14.78474c   | (18022408) |            |             |
| 396299.25   | 3812570.31  | 14.75386   | (20022608) | 396321.89   |
| 3812576.62  | 15.00847    | (20022608) |            |             |
| 396344.53   | 3812582.92  | 14.76588   | (20022608) | 396367.17   |
| 3812589.22  | 14.05076    | (20022608) |            |             |
| 396389.81   | 3812595.52  | 13.23973m  | (17102624) | 396412.46   |
| 3812601.83  | 13.70912m   | (17102624) |            |             |
| 396435.10   | 3812608.13  | 13.69045m  | (17102624) | 396457.74   |
| 3812614.43  | 13.18778m   | (17102624) |            |             |
| 396480.38   | 3812620.73  | 12.74759   | (17010808) | 396503.02   |
| 3812627.04  | 12.76542    | (17010808) |            |             |
| 395823.78   | 3812437.96  | 12.38858   | (16012624) | 395800.63   |
| 3812433.82  | 12.58411    | (16012624) |            |             |
| 395777.48   | 3812429.69  | 12.31945   | (16012624) | 395754.33   |
| 3812425.56  | 11.62261    | (16012624) |            |             |
| 395731.18   | 3812421.42  | 10.96081   | (18020908) | 395708.03   |
| 3812417.29  | 12.01829    | (18020908) |            |             |
| 395684.88   | 3812413.15  | 12.69867   | (18020908) | 395661.73   |
| 3812409.02  | 12.92946    | (18020908) |            |             |
| 395638.58   | 3812404.88  | 12.68529   | (18020908) | 395615.43   |
| 3812400.75  | 12.71664    | (16010908) |            |             |
| 396080.69   | 3811131.66  | 8.80175    | (16012624) | 396103.19   |
| 3811137.92  | 8.89038     | (16012624) |            |             |
| 396125.69   | 3811144.18  | 8.78443    | (16012624) | 396148.19   |
| 3811150.45  | 8.66992     | (18120424) |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 395896.14   | 3811096.45         | 9.05462    | (18020908) | 395872.99   |
| 3811092.32  | 8.77965 (18020908) |            |            |             |
| 395849.84   | 3811088.18         | 9.01919    | (16010908) | 396315.02   |
| 3809819.07  | 6.05219 (16012624) |            |            |             |
| 396337.44   | 3809825.31         | 6.35789    | (16012624) | 396359.86   |
| 3809831.55  | 6.58133 (16012624) |            |            |             |
| 396382.27   | 3809837.79         | 6.71284    | (16012624) | 396404.69   |
| 3809844.03  | 6.74673 (16012624) |            |            |             |
| 396427.10   | 3809850.27         | 6.68140    | (16012624) | 396449.52   |
| 3809856.51  | 6.51957 (16012624) |            |            |             |
| 396471.93   | 3809862.75         | 6.69844    | (18120424) | 396494.35   |
| 3809868.99  | 6.83857 (18120424) |            |            |             |
| 396516.77   | 3809875.23         | 6.87906    | (18120424) | 396539.18   |
| 3809881.47  | 6.81813 (18120424) |            |            |             |
| 396561.60   | 3809887.71         | 6.65836    | (18120424) | 396584.01   |
| 3809893.95  | 6.40867 (18120424) |            |            |             |
| 396606.43   | 3809900.19         | 6.07693    | (18120424) | 396628.85   |
| 3809906.43  | 5.76314 (18011724) |            |            |             |
| 396651.26   | 3809912.67         | 6.16094    | (18011724) | 396673.68   |
| 3809918.91  | 6.48942 (18011724) |            |            |             |
| 396696.09   | 3809925.15         | 6.73469    | (18011724) | 396718.51   |
| 3809931.38  | 6.88645 (18011724) |            |            |             |
| 396740.93   | 3809937.62         | 6.93803    | (18011724) | 396763.34   |
| 3809943.86  | 6.88717 (18011724) |            |            |             |
| 396785.76   | 3809950.10         | 6.73609    | (18011724) | 396808.17   |
| 3809956.34  | 6.73446 (17122508) |            |            |             |
| 396830.59   | 3809962.58         | 6.89150    | (17122508) | 396853.01   |
| 3809968.82  | 6.94849 (17122508) |            |            |             |
| 396875.42   | 3809975.06         | 6.90300    | (17122508) | 396897.84   |
| 3809981.30  | 6.75704 (17122508) |            |            |             |
| 396920.25   | 3809987.54         | 6.51714    | (17122508) | 396942.67   |
| 3809993.78  | 6.49256 (17060908) |            |            |             |
| 396965.09   | 3810000.02         | 6.55166    | (17060908) | 396987.50   |
| 3810006.26  | 6.51437 (17060908) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC                | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|---------------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH)          |            |             |
| 396884.80   | 3808599.86          | 5.36931             | (18120424) | 396907.17   |
| 3808606.08  | 5.21676 (18120424)  |                     |            |             |
| 396929.53   | 3808612.31          | 5.01597             | (18120424) | 396951.89   |
| 3808618.53  | 4.77102 (18120424)  |                     |            |             |
| 396974.25   | 3808624.76          | 4.60351             | (18011724) | 396996.61   |
| 3808630.98  | 4.87914 (18011724)  |                     |            |             |
| 397018.97   | 3808637.20          | 5.11619             | (18011724) | 397041.33   |
| 3808643.43  | 5.30764 (18011724)  |                     |            |             |
| 397063.69   | 3808649.65          | 5.44759             | (18011724) | 397086.06   |
| 3808655.88  | 5.53173 (18011724)  |                     |            |             |
| 397108.42   | 3808662.10          | 5.55730             | (18011724) | 397130.78   |
| 3808668.33  | 5.52355 (18011724)  |                     |            |             |
| 397153.14   | 3808674.55          | 5.43157             | (18011724) | 397175.50   |
| 3808680.78  | 5.30407 (17122508)  |                     |            |             |
| 397197.86   | 3808687.00          | 5.44747             | (17122508) | 397220.22   |
| 3808693.23  | 5.53522 (17122508)  |                     |            |             |
| 397242.58   | 3808699.45          | 5.56453             | (17122508) | 397264.95   |
| 3808705.68  | 5.53449 (17122508)  |                     |            |             |
| 397287.31   | 3808711.90          | 5.44609             | (17122508) | 397309.67   |
| 3808718.12  | 5.30215 (17122508)  |                     |            |             |
| 397332.03   | 3808724.35          | 5.12929             | (17060908) | 397354.39   |
| 3808730.57  | 5.21552 (17060908)  |                     |            |             |
| 397376.75   | 3808736.80          | 5.24690             | (17060908) | 397399.11   |
| 3808743.02  | 5.22245 (17060908)  |                     |            |             |
| 397421.48   | 3808749.25          | 5.14294             | (17060908) | 397443.84   |
| 3808755.47  | 5.01099 (17060908)  |                     |            |             |
| 397466.20   | 3808761.70          | 4.83070             | (17060908) | 397488.56   |
| 3808767.92  | 4.79123c (18022408) |                     |            |             |
| 397510.92   | 3808774.15          | 5.14642c (18022408) |            | 397533.28   |
| 3808780.37  | 5.46925c (18022408) |                     |            |             |
| 397555.64   | 3808786.60          | 5.75081c (18022408) |            | 397578.00   |
| 3808792.82  | 5.98284c (18022408) |                     |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 397600.37  | 3808799.04          | 6.15851c (18022408) | 397622.73 |
| 3808805.27 | 6.27237c (18022408) |                     |           |
| 397645.09  | 3808811.49          | 6.32096c (18022408) | 397667.45 |
| 3808817.72 | 6.30286c (18022408) |                     |           |
| 397689.81  | 3808823.94          | 6.21869c (18022408) | 397712.17 |
| 3808830.17 | 6.28160 (20022608)  |                     |           |
| 397734.53  | 3808836.39          | 6.28624 (20022608)  | 397756.89 |
| 3808842.62 | 6.23126 (20022608)  |                     |           |
| 397779.26  | 3808848.84          | 6.11818 (20022608)  | 397801.62 |
| 3808855.07 | 5.95028 (20022608)  |                     |           |
| 397823.98  | 3808861.29          | 5.73220 (20022608)  | 397846.34 |
| 3808867.52 | 5.52560m (17102624) |                     |           |
| 397868.70  | 3808873.74          | 5.69978m (17102624) | 397891.06 |
| 3808879.96 | 5.81808m (17102624) |                     |           |
| 397913.42  | 3808886.19          | 5.87695m (17102624) | 397935.78 |
| 3808892.41 | 5.87463m (17102624) |                     |           |
| 396527.02  | 3808500.26          | 4.99081 (18020908)  | 396503.87 |
| 3808496.13 | 5.20800 (18020908)  |                     |           |
| 396480.72  | 3808491.99          | 5.37551 (18020908)  | 396457.57 |
| 3808487.86 | 5.48803 (18020908)  |                     |           |
| 396434.42  | 3808483.73          | 5.54192 (18020908)  | 396411.27 |
| 3808479.59 | 5.53540 (18020908)  |                     |           |
| 396388.12  | 3808475.46          | 5.46869 (18020908)  | 396364.97 |
| 3808471.32 | 5.34392 (18020908)  |                     |           |
| 396341.82  | 3808467.19          | 5.38376 (16010908)  | 396318.67 |
| 3808463.05 | 5.49616 (16010908)  |                     |           |
| 396784.06  | 3807194.00          | 4.21682 (18020908)  | 396806.69 |
| 3807200.29 | 4.04550 (18020908)  |                     |           |
| 396829.31  | 3807206.59          | 3.84910 (18020908)  | 396851.94 |
| 3807212.89 | 3.75307 (16012624)  |                     |           |
| 396874.56  | 3807219.19          | 3.94490 (16012624)  | 396897.19 |
| 3807225.49 | 4.11235 (16012624)  |                     |           |
| 396919.81  | 3807231.78          | 4.25136 (16012624)  | 396942.43 |
| 3807238.08 | 4.35875 (16012624)  |                     |           |
| 396965.06  | 3807244.38          | 4.43188 (16012624)  | 396987.68 |
| 3807250.68 | 4.46889 (16012624)  |                     |           |
| 397010.31  | 3807256.97          | 4.46885 (16012624)  | 397032.93 |
| 3807263.27 | 4.43177 (16012624)  |                     |           |
| 397055.56  | 3807269.57          | 4.35850 (16012624)  | 397078.18 |
| 3807275.87 | 4.33661 (18120424)  |                     |           |
| 397100.80  | 3807282.17          | 4.44591 (18120424)  | 397123.43 |
| 3807288.46 | 4.52013 (18120424)  |                     |           |
| 397146.05  | 3807294.76          | 4.55742 (18120424)  | 397168.68 |
| 3807301.06 | 4.55683 (18120424)  |                     |           |
| 397191.30  | 3807307.36          | 4.51838 (18120424)  | 397213.93 |
| 3807313.65 | 4.44298 (18120424)  |                     |           |
| 397236.55  | 3807319.95          | 4.33253 (18120424)  | 397259.17 |
| 3807326.25 | 4.18968 (18120424)  |                     |           |

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 1055

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 397281.80   | 3807332.55          | 4.01884    | (18120424) | 397304.42   |
| 3807338.85  | 3.82243 (18120424)  |            |            |             |
| 397327.05   | 3807345.14          | 3.87036    | (18011724) | 397349.67   |
| 3807351.44  | 4.06734 (18011724)  |            |            |             |
| 397372.30   | 3807357.74          | 4.23883    | (18011724) | 397394.92   |
| 3807364.04  | 4.38070 (18011724)  |            |            |             |
| 397417.54   | 3807370.34          | 4.48965    | (18011724) | 397440.17   |
| 3807376.63  | 4.56304 (18011724)  |            |            |             |
| 397462.79   | 3807382.93          | 4.59901    | (18011724) | 397485.42   |
| 3807389.23  | 4.59670 (18011724)  |            |            |             |
| 397508.04   | 3807395.53          | 4.55617    | (18011724) | 397530.67   |
| 3807401.82  | 4.47840 (18011724)  |            |            |             |
| 397553.29   | 3807408.12          | 4.38833    | (17122508) | 397575.92   |
| 3807414.42  | 4.49661 (17122508)  |            |            |             |
| 397598.54   | 3807420.72          | 4.56920    | (17122508) | 397621.16   |
| 3807427.02  | 4.60435 (17122508)  |            |            |             |
| 397643.79   | 3807433.31          | 4.60121    | (17122508) | 397666.41   |
| 3807439.61  | 4.55986 (17122508)  |            |            |             |
| 397689.04   | 3807445.91          | 4.48132    | (17122508) | 397711.66   |
| 3807452.21  | 4.36759 (17122508)  |            |            |             |
| 397734.29   | 3807458.51          | 4.24143    | (17060908) | 397756.91   |
| 3807464.80  | 4.30918 (17060908)  |            |            |             |
| 397779.53   | 3807471.10          | 4.34171    | (17060908) | 397802.16   |
| 3807477.40  | 4.33819 (17060908)  |            |            |             |
| 397824.78   | 3807483.70          | 4.29874    | (17060908) | 397847.41   |
| 3807489.99  | 4.22434 (17060908)  |            |            |             |
| 397870.03   | 3807496.29          | 4.11688    | (17060908) | 397892.66   |
| 3807502.59  | 3.97888 (17060908)  |            |            |             |
| 397915.28   | 3807508.89          | 3.91874c   | (19112308) | 397937.90   |
| 3807515.19  | 4.16691c (18022408) |            |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 397960.53  | 3807521.48          | 4.41255c (18022408) | 397983.15 |
| 3807527.78 | 4.63391c (18022408) |                     |           |
| 398005.78  | 3807534.08          | 4.82619c (18022408) | 398028.40 |
| 3807540.38 | 4.98482c (18022408) |                     |           |
| 398051.03  | 3807546.67          | 5.10619c (18022408) | 398073.65 |
| 3807552.97 | 5.18735c (18022408) |                     |           |
| 398096.27  | 3807559.27          | 5.22639c (18022408) | 398118.90 |
| 3807565.57 | 5.22237c (18022408) |                     |           |
| 398141.52  | 3807571.87          | 5.17545c (18022408) | 398164.15 |
| 3807578.16 | 5.15675 (20022608)  |                     |           |
| 398186.77  | 3807584.46          | 5.18603 (20022608)  | 398209.40 |
| 3807590.76 | 5.17696 (20022608)  |                     |           |
| 398232.02  | 3807597.06          | 5.12978 (20022608)  | 398254.65 |
| 3807603.36 | 5.04550 (20022608)  |                     |           |
| 398277.27  | 3807609.65          | 4.92605 (20022608)  | 398299.89 |
| 3807615.95 | 4.77396 (20022608)  |                     |           |
| 398322.52  | 3807622.25          | 4.59236 (20022608)  | 398345.14 |
| 3807628.55 | 4.63184m (17102624) |                     |           |
| 398367.77  | 3807634.84          | 4.74640m (17102624) | 398390.39 |
| 3807641.14 | 4.82409m (17102624) |                     |           |
| 398413.02  | 3807647.44          | 4.86315m (17102624) | 396761.44 |
| 3807187.70 | 4.35902 (18020908)  |                     |           |
| 396738.29  | 3807183.56          | 4.47052 (18020908)  | 396715.14 |
| 3807179.43 | 4.54680 (18020908)  |                     |           |
| 396691.99  | 3807175.29          | 4.58597 (18020908)  | 396668.84 |
| 3807171.16 | 4.58706 (18020908)  |                     |           |
| 396645.69  | 3807167.03          | 4.55002 (18020908)  | 396622.54 |
| 3807162.89 | 4.47577 (18020908)  |                     |           |
| 396599.39  | 3807158.76          | 4.36651 (16010908)  | 396576.24 |
| 3807154.62 | 4.47765 (16010908)  |                     |           |
| 396553.09  | 3807150.49          | 4.55344 (16010908)  | 397018.41 |
| 3805881.41 | 3.72692 (18020908)  |                     |           |
| 397040.97  | 3805887.69          | 3.62782 (18020908)  | 397063.52 |
| 3805893.97 | 3.50846 (18020908)  |                     |           |
| 397086.08  | 3805900.25          | 3.37091 (18020908)  | 397108.64 |
| 3805906.53 | 3.21766 (18020908)  |                     |           |
| 397131.19  | 3805912.81          | 3.17431 (16012624)  | 397153.75 |
| 3805919.09 | 3.32047 (16012624)  |                     |           |
| 397176.30  | 3805925.36          | 3.45071 (16012624)  | 397198.86 |
| 3805931.64 | 3.56280 (16012624)  |                     |           |
| 397221.42  | 3805937.92          | 3.65459 (16012624)  | 397243.97 |
| 3805944.20 | 3.72431 (16012624)  |                     |           |
| 397266.53  | 3805950.48          | 3.77067 (16012624)  | 397289.09 |
| 3805956.76 | 3.79271 (16012624)  |                     |           |
| 397311.64  | 3805963.04          | 3.79001 (16012624)  | 397334.20 |
| 3805969.32 | 3.76259 (16012624)  |                     |           |
| 397356.75  | 3805975.60          | 3.71102 (16012624)  | 397379.31 |
| 3805981.87 | 3.63622 (16012624)  |                     |           |
| 397401.87  | 3805988.15          | 3.72704 (18120424)  | 397424.42 |
| 3805994.43 | 3.79824 (18120424)  |                     |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 1056

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 397446.98   | 3806000.71         | 3.84555    | (18120424) | 397469.54   |
| 3806006.99  | 3.86800 (18120424) |            |            |             |
| 397492.09   | 3806013.27         | 3.86515    | (18120424) | 397514.65   |
| 3806019.55  | 3.83704 (18120424) |            |            |             |
| 397537.20   | 3806025.83         | 3.78424    | (18120424) | 397559.76   |
| 3806032.11  | 3.70772 (18120424) |            |            |             |
| 397582.32   | 3806038.38         | 3.60898    | (18120424) | 397604.87   |
| 3806044.66  | 3.48991 (18120424) |            |            |             |
| 397627.43   | 3806050.94         | 3.35262    | (18120424) | 397649.99   |
| 3806057.22  | 3.20074 (18120424) |            |            |             |
| 397672.54   | 3806063.50         | 3.26826    | (18011724) | 397695.10   |
| 3806069.78  | 3.41899 (18011724) |            |            |             |
| 397717.65   | 3806076.06         | 3.55319    | (18011724) | 397740.21   |
| 3806082.34  | 3.66854 (18011724) |            |            |             |
| 397762.77   | 3806088.61         | 3.76280    | (18011724) | 397785.32   |
| 3806094.89  | 3.83420 (18011724) |            |            |             |
| 397807.88   | 3806101.17         | 3.88140    | (18011724) | 397830.44   |
| 3806107.45  | 3.90346 (18011724) |            |            |             |
| 397852.99   | 3806113.73         | 3.89994    | (18011724) | 397875.55   |
| 3806120.01  | 3.87092 (18011724) |            |            |             |
| 397898.10   | 3806126.29         | 3.81699    | (18011724) | 397920.66   |
| 3806132.57  | 3.73915 (18011724) |            |            |             |
| 397943.22   | 3806138.85         | 3.76740    | (17122508) | 397965.77   |
| 3806145.12  | 3.83853 (17122508) |            |            |             |
| 397988.33   | 3806151.40         | 3.88545    | (17122508) | 398010.89   |
| 3806157.68  | 3.90720 (17122508) |            |            |             |
| 398033.44   | 3806163.96         | 3.90339    | (17122508) | 398056.00   |
| 3806170.24  | 3.87408 (17122508) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 398078.55  | 3806176.52          | 3.81989  | (17122508) | 398101.11 |
| 3806182.80 | 3.74181 (17122508)  |          |            |           |
| 398123.67  | 3806189.08          | 3.64139  | (17122508) | 398146.22 |
| 3806195.36 | 3.61968 (17060908)  |          |            |           |
| 398168.78  | 3806201.63          | 3.66371  | (17060908) | 398191.33 |
| 3806207.91 | 3.68407 (17060908)  |          |            |           |
| 398213.89  | 3806214.19          | 3.68038  | (17060908) | 398236.45 |
| 3806220.47 | 3.65270 (17060908)  |          |            |           |
| 398259.00  | 3806226.75          | 3.60161  | (17060908) | 398281.56 |
| 3806233.03 | 3.52808 (17060908)  |          |            |           |
| 398304.12  | 3806239.31          | 3.43354  | (17060908) | 398326.67 |
| 3806245.59 | 3.31983 (17060908)  |          |            |           |
| 398349.23  | 3806251.87          | 3.32926c | (18022408) | 398371.78 |
| 3806258.14 | 3.52756c (18022408) |          |            |           |
| 398394.34  | 3806264.42          | 3.71342c | (18022408) | 398416.90 |
| 3806270.70 | 3.88359c (18022408) |          |            |           |
| 398439.45  | 3806276.98          | 4.03506c | (18022408) | 398462.01 |
| 3806283.26 | 4.16523c (18022408) |          |            |           |
| 398484.57  | 3806289.54          | 4.27165c | (18022408) | 398507.12 |
| 3806295.82 | 4.35231c (18022408) |          |            |           |
| 398529.68  | 3806302.10          | 4.40576c | (18022408) | 398552.23 |
| 3806308.38 | 4.43095c (18022408) |          |            |           |
| 398574.79  | 3806314.65          | 4.42743c | (18022408) | 398597.35 |
| 3806320.93 | 4.39530c (18022408) |          |            |           |
| 398619.90  | 3806327.21          | 4.34406  | (20022608) | 398642.46 |
| 3806333.49 | 4.37687 (20022608)  |          |            |           |
| 398665.02  | 3806339.77          | 4.38439  | (20022608) | 398687.57 |
| 3806346.05 | 4.36652 (20022608)  |          |            |           |
| 398710.13  | 3806352.33          | 4.32355  | (20022608) | 398732.68 |
| 3806358.61 | 4.25626 (20022608)  |          |            |           |
| 398755.24  | 3806364.89          | 4.16577  | (20022608) | 398777.80 |
| 3806371.16 | 4.05362 (20022608)  |          |            |           |
| 398800.35  | 3806377.44          | 3.92171  | (20022608) | 398822.91 |
| 3806383.72 | 3.86736m (17102624) |          |            |           |
| 398845.47  | 3806390.00          | 3.96803m | (17102624) | 398868.02 |
| 3806396.28 | 4.04514m (17102624) |          |            |           |
| 398890.58  | 3806402.56          | 4.09733m | (17102624) | 396995.86 |
| 3805875.13 | 3.80385 (18020908)  |          |            |           |
| 396972.71  | 3805871.00          | 3.85850  | (18020908) | 396949.56 |
| 3805866.86 | 3.88823 (18020908)  |          |            |           |
| 396926.41  | 3805862.73          | 3.89244  | (18020908) | 396903.26 |
| 3805858.60 | 3.87105 (18020908)  |          |            |           |
| 396880.11  | 3805854.46          | 3.82446  | (18020908) | 396856.96 |
| 3805850.33 | 3.75361 (18020908)  |          |            |           |
| 396833.81  | 3805846.19          | 3.73200  | (16010908) | 396810.66 |
| 3805842.06 | 3.80999 (16010908)  |          |            |           |
| 396787.51  | 3805837.92          | 3.86405  | (16010908) | 397252.77 |
| 3804568.83 | 3.29622 (18020908)  |          |            |           |
| 397275.28  | 3804575.10          | 3.23995  | (18020908) | 397297.78 |
| 3804581.36 | 3.16794 (18020908)  |          |            |           |

397320.29 3804587.63 3.08121 (18020908) 397342.79  
 3804593.89 2.98112 (18020908)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1057

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 397365.29   | 3804600.15  | 2.86910    | (18020908) | 397387.80   |
| 3804606.42  | 2.74668     | (18020908) |            |             |
| 397410.30   | 3804612.68  | 2.73478    | (16012624) | 397432.80   |
| 3804618.95  | 2.84969     | (16012624) |            |             |
| 397455.31   | 3804625.21  | 2.95383    | (16012624) | 397477.81   |
| 3804631.48  | 3.04563     | (16012624) |            |             |
| 397500.32   | 3804637.74  | 3.12376    | (16012624) | 397522.82   |
| 3804644.00  | 3.18698     | (16012624) |            |             |
| 397545.32   | 3804650.27  | 3.23435    | (16012624) | 397567.83   |
| 3804656.53  | 3.26512     | (16012624) |            |             |
| 397590.33   | 3804662.80  | 3.27879    | (16012624) | 397612.83   |
| 3804669.06  | 3.27513     | (16012624) |            |             |
| 397635.34   | 3804675.32  | 3.25419    | (16012624) | 397657.84   |
| 3804681.59  | 3.21630     | (16012624) |            |             |
| 397680.35   | 3804687.85  | 3.16203    | (16012624) | 397702.85   |
| 3804694.12  | 3.18501     | (18120424) |            |             |
| 397725.35   | 3804700.38  | 3.24978    | (18120424) | 397747.86   |
| 3804706.65  | 3.29836     | (18120424) |            |             |
| 397770.36   | 3804712.91  | 3.32994    | (18120424) | 397792.86   |
| 3804719.17  | 3.34404     | (18120424) |            |             |
| 397815.37   | 3804725.44  | 3.34043    | (18120424) | 397837.87   |
| 3804731.70  | 3.31916     | (18120424) |            |             |
| 397860.38   | 3804737.97  | 3.28055    | (18120424) | 397882.88   |
| 3804744.23  | 3.22524     | (18120424) |            |             |
| 397905.38   | 3804750.50  | 3.15406    | (18120424) | 397927.89   |
| 3804756.76  | 3.06807     | (18120424) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 397950.39  | 3804763.02          | 2.96865  | (18120424) | 397972.89 |
| 3804769.29 | 2.85721 (18120424)  |          |            |           |
| 397995.40  | 3804775.55          | 2.76185  | (16110324) | 398017.90 |
| 3804781.82 | 2.81207 (18011724)  |          |            |           |
| 398040.40  | 3804788.08          | 2.93094  | (18011724) | 398062.91 |
| 3804794.35 | 3.03870 (18011724)  |          |            |           |
| 398085.41  | 3804800.61          | 3.13366  | (18011724) | 398107.92 |
| 3804806.87 | 3.21450 (18011724)  |          |            |           |
| 398130.42  | 3804813.14          | 3.27991  | (18011724) | 398152.92 |
| 3804819.40 | 3.32892 (18011724)  |          |            |           |
| 398175.43  | 3804825.67          | 3.36077  | (18011724) | 398197.93 |
| 3804831.93 | 3.37493 (18011724)  |          |            |           |
| 398220.43  | 3804838.20          | 3.37119  | (18011724) | 398242.94 |
| 3804844.46 | 3.34961 (18011724)  |          |            |           |
| 398265.44  | 3804850.72          | 3.31054  | (18011724) | 398287.95 |
| 3804856.99 | 3.25457 (18011724)  |          |            |           |
| 398310.45  | 3804863.25          | 3.21735  | (17122508) | 398332.95 |
| 3804869.52 | 3.28275 (17122508)  |          |            |           |
| 398355.46  | 3804875.78          | 3.33175  | (17122508) | 398377.96 |
| 3804882.05 | 3.36355 (17122508)  |          |            |           |
| 398400.46  | 3804888.31          | 3.37768  | (17122508) | 398422.97 |
| 3804894.57 | 3.37391 (17122508)  |          |            |           |
| 398445.47  | 3804900.84          | 3.35231  | (17122508) | 398467.98 |
| 3804907.10 | 3.31322 (17122508)  |          |            |           |
| 398490.48  | 3804913.37          | 3.25727  | (17122508) | 398512.98 |
| 3804919.63 | 3.18534 (17122508)  |          |            |           |
| 398535.49  | 3804925.90          | 3.09849  | (17122508) | 398557.99 |
| 3804932.16 | 3.14123 (17060908)  |          |            |           |
| 398580.49  | 3804938.42          | 3.17126  | (17060908) | 398603.00 |
| 3804944.69 | 3.18466 (17060908)  |          |            |           |
| 398625.50  | 3804950.95          | 3.18122  | (17060908) | 398648.01 |
| 3804957.22 | 3.16100 (17060908)  |          |            |           |
| 398670.51  | 3804963.48          | 3.12434  | (17060908) | 398693.01 |
| 3804969.74 | 3.07183 (17060908)  |          |            |           |
| 398715.52  | 3804976.01          | 3.00423  | (17060908) | 398738.02 |
| 3804982.27 | 2.92268 (17060908)  |          |            |           |
| 398760.52  | 3804988.54          | 2.83189c | (19112308) | 398783.03 |
| 3804994.80 | 2.88694c (18022408) |          |            |           |
| 398805.53  | 3805001.07          | 3.04095c | (18022408) | 398828.04 |
| 3805007.33 | 3.18631c (18022408) |          |            |           |
| 398850.54  | 3805013.59          | 3.32095c | (18022408) | 398873.04 |
| 3805019.86 | 3.44305c (18022408) |          |            |           |
| 398895.55  | 3805026.12          | 3.55087c | (18022408) | 398918.05 |
| 3805032.39 | 3.64278c (18022408) |          |            |           |
| 398940.55  | 3805038.65          | 3.71739c | (18022408) | 398963.06 |
| 3805044.92 | 3.77364c (18022408) |          |            |           |
| 398985.56  | 3805051.18          | 3.81060c | (18022408) | 399008.06 |
| 3805057.44 | 3.82775c (18022408) |          |            |           |
| 399030.57  | 3805063.71          | 3.82482c | (18022408) | 399053.07 |
| 3805069.97 | 3.80187c (18022408) |          |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 399165.59   | 3805101.29          | 3.75409    | (20022608) | 399188.09   |
| 3805107.56  | 3.71623 (20022608)  |            |            |             |
| 399210.60   | 3805113.82          | 3.66155    | (20022608) | 399233.10   |
| 3805120.09  | 3.59085 (20022608)  |            |            |             |
| 399255.61   | 3805126.35          | 3.50505    | (20022608) | 399278.11   |
| 3805132.62  | 3.40535 (20022608)  |            |            |             |
| 399300.61   | 3805138.88          | 3.29450m   | (17102624) | 399323.12   |
| 3805145.14  | 3.38154m (17102624) |            |            |             |
| 399345.62   | 3805151.41          | 3.45281m   | (17102624) | 399368.12   |
| 3805157.67  | 3.50725m (17102624) |            |            |             |
| 397230.27   | 3804562.57          | 3.33583    | (18020908) | 397207.12   |
| 3804558.43  | 3.35913 (18020908)  |            |            |             |
| 397183.97   | 3804554.30          | 3.36453    | (18020908) | 397160.82   |
| 3804550.16  | 3.35192 (18020908)  |            |            |             |
| 397137.67   | 3804546.03          | 3.32152    | (18020908) | 397114.52   |
| 3804541.90  | 3.27381 (18020908)  |            |            |             |
| 397091.37   | 3804537.76          | 3.20952    | (18020908) | 397068.22   |
| 3804533.63  | 3.24316 (16010908)  |            |            |             |
| 397045.07   | 3804529.49          | 3.30033    | (16010908) | 397021.92   |
| 3804525.36  | 3.34055 (16010908)  |            |            |             |
| 394900.67   | 3816156.79          | 9.99468    | (18090616) | 394857.39   |
| 3816147.21  | 11.12817 (20111016) |            |            |             |
| 394906.08   | 3816132.38          | 9.15444    | (18090616) | 394862.80   |
| 3816122.80  | 10.06239 (20111016) |            |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3816098.39 | 394911.48 | 3816107.97          | 8.77933  | (18090616) | 394868.20 |
|            |           | 9.78139 (20111016)  |          |            |           |
| 3816073.98 | 394916.88 | 3816083.56          | 8.64441  | (18090616) | 394873.60 |
|            |           | 9.64429 (20111016)  |          |            |           |
| 3816025.16 | 394927.69 | 3816034.74          | 7.19557  | (18090616) | 394884.41 |
|            |           | 7.42444 (20111016)  |          |            |           |
| 3815976.35 | 394938.49 | 3815985.93          | 5.95134  | (18090616) | 394895.21 |
|            |           | 5.49742 (20111016)  |          |            |           |
| 3815927.53 | 394949.30 | 3815937.11          | 5.37838  | (18090616) | 394906.02 |
|            |           | 5.25164c (20110416) |          |            |           |
| 3815878.71 | 394960.11 | 3815888.29          | 4.87736  | (18090616) | 394916.83 |
|            |           | 5.19997c (20110416) |          |            |           |
| 3815829.89 | 394970.91 | 3815839.47          | 4.33947  | (17112116) | 394927.63 |
|            |           | 4.88925c (20110416) |          |            |           |
| 3815732.25 | 394992.52 | 3815741.83          | 3.82790  | (17011716) | 394949.24 |
|            |           | 4.12738 (19122216)  |          |            |           |
| 3815541.77 | 394992.50 | 3815639.41          | 3.54831  | (20120416) | 395014.11 |
|            |           | 3.72411 (20120416)  |          |            |           |
| 3815346.50 | 395035.72 | 3815444.13          | 6.77627  | (16041524) | 395057.33 |
|            |           | 8.24368 (16041524)  |          |            |           |
| 3814853.52 | 395089.72 | 3815097.62          | 11.43152 | (16022408) | 395143.75 |
|            |           | 42.49532 (16022408) |          |            |           |
| 3816170.57 | 395197.78 | 3814609.43          | 34.34587 | (16022408) | 394827.01 |
|            |           | 13.56472 (20100116) |          |            |           |
| 3816218.99 | 394826.00 | 3816194.78          | 17.46252 | (20100116) | 394824.99 |
|            |           | 22.10640 (20100116) |          |            |           |
| 3816267.40 | 394823.97 | 3816243.19          | 27.00627 | (20100116) | 394822.96 |
|            |           | 45.15092 (19092416) |          |            |           |
| 3816150.76 | 394821.95 | 3816291.61          | 82.49216 | (19092416) | 394811.77 |
|            |           | 12.28325 (20100116) |          |            |           |
| 3816217.94 | 394801.02 | 3816193.74          | 17.03842 | (20020316) | 394800.01 |
|            |           | 27.83808 (19092416) |          |            |           |
| 3816266.36 | 394798.99 | 3816242.15          | 43.72869 | (19092416) | 394797.98 |
|            |           | 55.95928 (19092416) |          |            |           |
| 3816107.58 | 394786.79 | 3816149.71          | 12.29558 | (20100116) | 394826.91 |
|            |           | 8.42502 (20111016)  |          |            |           |
| 3816216.90 | 394776.04 | 3816192.69          | 25.91550 | (19092416) | 394775.03 |
|            |           | 34.30835 (19092416) |          |            |           |
| 3816265.31 | 394774.02 | 3816241.10          | 35.91697 | (20021016) | 394773.00 |
|            |           | 44.37256 (20030216) |          |            |           |
| 3816111.12 | 394761.82 | 3816148.67          | 15.66279 | (19092416) | 394781.29 |
|            |           | 9.69702 (20100116)  |          |            |           |
| 3816191.64 | 394811.67 | 3816087.76          | 7.86023  | (20100116) | 394751.06 |
|            |           | 23.71968 (19092416) |          |            |           |
| 3816240.06 | 394750.05 | 3816215.85          | 27.26458 | (20021016) | 394749.04 |
|            |           | 32.69741 (20060816) |          |            |           |
| 3816109.03 | 394711.86 | 3816146.57          | 14.17698 | (20021016) | 394731.34 |
|            |           | 13.21255 (19092416) |          |            |           |
| 3816048.12 | 394750.81 | 3816071.49          | 7.41479  | (20100116) | 394781.19 |
|            |           | 7.25172 (20100116)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394822.48  | 3816038.94 | 7.36929    | (20111016) | 394701.11 |
| 3816189.55 | 22.63938   | (20060816) |            |           |
| 394700.09  | 3816213.76 | 29.72931   | (20060816) | 394663.29 |
| 3816141.80 | 15.87926   | (20060816) |            |           |
| 394674.42  | 3816120.35 | 11.45427   | (20030216) | 394685.55 |
| 3816098.89 | 11.53657   | (19092416) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1059

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 394696.68   | 3816077.44  | 12.82138   | (19092416) | 394707.81   |
| 3816055.99  | 10.97909    | (19092416) |            |             |
| 394718.94   | 3816034.53  | 7.81715    | (19092416) | 394753.66   |
| 3816007.83  | 6.41789     | (20100116) |            |             |
| 394777.25   | 3816002.58  | 6.22630    | (20100116) | 394800.85   |
| 3815997.34  | 5.87395     | (20111016) |            |             |
| 394824.44   | 3815992.09  | 6.57323    | (20111016) | 394848.03   |
| 3815986.84  | 6.69674     | (20111016) |            |             |
| 394871.62   | 3815981.59  | 6.30384    | (20111016) | 394652.17   |
| 3816163.25  | 19.43549    | (20060816) |            |             |
| 394651.15   | 3816187.46  | 22.94561   | (16120216) | 394613.03   |
| 3816140.31  | 15.92654    | (16120216) |            |             |
| 394623.85   | 3816119.45  | 14.36785   | (20060816) | 394634.67   |
| 3816098.59  | 11.37924    | (20060816) |            |             |
| 394645.49   | 3816077.73  | 9.44803    | (20021016) | 394656.31   |
| 3816056.87  | 9.07606     | (20021016) |            |             |
| 394667.13   | 3816036.02  | 10.24962   | (19092416) | 394677.95   |
| 3816015.16  | 9.80572     | (19092416) |            |             |
| 394688.77   | 3815994.30  | 7.94985    | (19092416) | 394722.53   |
| 3815968.34  | 5.71641     | (20100116) |            |             |
| 394745.46   | 3815963.24  | 5.84995    | (20100116) | 394768.40   |
| 3815958.14  | 5.60970     | (20100116) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394791.34  | 3815953.04          | 5.23533  | (20111016) | 394814.27 |
| 3815947.93 | 5.78534 (20111016)  |          |            |           |
| 394837.21  | 3815942.83          | 6.10417  | (20111016) | 394860.15 |
| 3815937.73 | 6.08843 (20111016)  |          |            |           |
| 394883.08  | 3815932.63          | 5.69333  | (20111016) | 394602.21 |
| 3816161.16 | 16.02374 (16120216) |          |            |           |
| 394573.50  | 3816118.12          | 13.42810 | (16120216) | 394584.12 |
| 3816097.64 | 11.79534 (20060816) |          |            |           |
| 394594.75  | 3816077.16          | 11.27807 | (20060816) | 394605.37 |
| 3816056.68 | 8.95118 (20060816)  |          |            |           |
| 394615.99  | 3816036.20          | 7.71389  | (19051116) | 394626.62 |
| 3816015.72 | 7.52034 (17012616)  |          |            |           |
| 394637.24  | 3815995.24          | 8.21319  | (19092416) | 394647.86 |
| 3815974.77 | 7.88295 (19092416)  |          |            |           |
| 394658.49  | 3815954.29          | 6.88733  | (19092416) | 394691.63 |
| 3815928.80 | 5.41106 (17031116)  |          |            |           |
| 394714.15  | 3815923.79          | 5.55375  | (20100116) | 394736.67 |
| 3815918.78 | 5.64433 (20100116)  |          |            |           |
| 394759.19  | 3815913.77          | 5.39563  | (20100116) | 394781.71 |
| 3815908.76 | 5.00127 (20111016)  |          |            |           |
| 394804.23  | 3815903.75          | 5.55862  | (20111016) | 394826.75 |
| 3815898.75 | 5.95600 (20111016)  |          |            |           |
| 394849.27  | 3815893.74          | 6.09071  | (20111016) | 394871.79 |
| 3815888.73 | 5.90370 (20111016)  |          |            |           |
| 394894.31  | 3815883.72          | 5.39580  | (20111016) | 394533.76 |
| 3816096.33 | 10.77338 (16120216) |          |            |           |
| 394544.24  | 3816076.12          | 11.14358 | (16120216) | 394554.73 |
| 3816055.90 | 10.67885 (20060816) |          |            |           |
| 394565.22  | 3816035.69          | 9.92612  | (20060816) | 394575.71 |
| 3816015.47 | 7.31447 (20060816)  |          |            |           |
| 394586.19  | 3815995.25          | 6.99444  | (19051116) | 394596.68 |
| 3815975.04 | 6.84897 (17012616)  |          |            |           |
| 394607.17  | 3815954.82          | 6.67888  | (17040916) | 394617.65 |
| 3815934.60 | 6.77889 (19092416)  |          |            |           |
| 394628.14  | 3815914.39          | 6.81135  | (19092416) | 394660.86 |
| 3815889.23 | 5.49423 (19092416)  |          |            |           |
| 394683.09  | 3815884.28          | 5.27152  | (17031116) | 394705.32 |
| 3815879.34 | 5.34012 (20100116)  |          |            |           |
| 394727.55  | 3815874.39          | 5.36685  | (20100116) | 394749.78 |
| 3815869.45 | 5.12646 (20100116)  |          |            |           |
| 394772.01  | 3815864.50          | 4.67029  | (20100116) | 394794.25 |
| 3815859.56 | 5.21697 (20111016)  |          |            |           |
| 394816.48  | 3815854.62          | 5.65953  | (20111016) | 394838.71 |
| 3815849.67 | 5.89432 (20111016)  |          |            |           |
| 394860.94  | 3815844.73          | 5.85852  | (20111016) | 394883.17 |
| 3815839.78 | 5.53885 (20111016)  |          |            |           |
| 394905.40  | 3815834.84          | 4.97223  | (20111016) | 394413.34 |
| 3816131.68 | 8.34006 (17092516)  |          |            |           |
| 394424.29  | 3816110.56          | 9.14712  | (19121716) | 394446.20 |
| 3816068.32 | 8.37059 (20020416)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394457.16  | 3816047.21         | 7.95402 | (17090116) | 394468.12 |
| 3816026.09 | 9.30807 (16120216) |         |            |           |
| 394479.07  | 3816004.97         | 8.51866 | (16120216) | 394490.03 |
| 3815983.85 | 7.42245 (20060816) |         |            |           |
| 394500.98  | 3815962.73         | 6.43035 | (20060816) | 394511.94 |
| 3815941.61 | 5.46519 (19051116) |         |            |           |
| 394522.89  | 3815920.49         | 5.94532 | (17012616) | 394533.85 |
| 3815899.38 | 6.31936 (17012616) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1060

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 394544.80   | 3815878.26         | 6.24421    | (17012616) | 394555.76   |
| 3815857.14  | 6.13812 (19092416) |            |            |             |
| 394566.71   | 3815836.02         | 6.59434    | (19092416) | 394600.89   |
| 3815809.74  | 6.21812 (19092416) |            |            |             |
| 394624.12   | 3815804.57         | 5.41235    | (19092416) | 394647.34   |
| 3815799.41  | 5.05736 (17031116) |            |            |             |
| 394670.56   | 3815794.24         | 4.73026    | (17031116) | 394693.79   |
| 3815789.07  | 4.80836 (20100116) |            |            |             |
| 394717.01   | 3815783.91         | 4.69800    | (20100116) | 394740.23   |
| 3815778.74  | 4.40017 (20100116) |            |            |             |
| 394763.46   | 3815773.58         | 4.27853    | (19041216) | 394786.68   |
| 3815768.41  | 4.72454 (20111016) |            |            |             |
| 394809.90   | 3815763.25         | 5.13280    | (20111016) | 394833.13   |
| 3815758.08  | 5.37623 (20111016) |            |            |             |
| 394856.35   | 3815752.92         | 5.39692    | (20111016) | 394879.57   |
| 3815747.75  | 5.17263 (20111016) |            |            |             |
| 394902.80   | 3815742.59         | 4.78460    | (19122216) | 394926.02   |
| 3815737.42  | 4.65849 (19122216) |            |            |             |
| 394402.38   | 3816152.80         | 8.63182    | (17091016) | 394401.37   |
| 3816177.01  | 8.66297 (17091016) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394400.36  | 3816201.21          | 10.39799 | (19101016) | 394399.34 |
| 3816225.42 | 11.02949 (19101016) |          |            |           |
| 394398.33  | 3816249.63          | 8.68091  | (19101016) | 394397.32 |
| 3816273.83 | 7.12567 (20090916)  |          |            |           |
| 394396.30  | 3816298.04          | 7.08328  | (20090916) | 394313.18 |
| 3816127.97 | 7.53858 (19103016)  |          |            |           |
| 394323.89  | 3816107.32          | 7.68826  | (17092516) | 394334.61 |
| 3816086.67 | 7.58920 (17092516)  |          |            |           |
| 394345.32  | 3816066.02          | 8.52274  | (19121716) | 394356.03 |
| 3816045.37 | 8.54473 (19121716)  |          |            |           |
| 394366.74  | 3816024.72          | 7.98870  | (20020416) | 394377.45 |
| 3816004.07 | 6.61148 (18041716)  |          |            |           |
| 394388.17  | 3815983.42          | 6.52243  | (17090116) | 394398.88 |
| 3815962.77 | 6.71270 (16120216)  |          |            |           |
| 394409.59  | 3815942.12          | 6.75494  | (16120216) | 394420.30 |
| 3815921.47 | 6.25278 (20060816)  |          |            |           |
| 394431.01  | 3815900.83          | 6.33922  | (20060816) | 394441.72 |
| 3815880.18 | 5.87381 (20060816)  |          |            |           |
| 394452.44  | 3815859.53          | 4.99272  | (20060816) | 394463.15 |
| 3815838.88 | 5.65152 (17012616)  |          |            |           |
| 394473.86  | 3815818.23          | 5.95939  | (17012616) | 394484.57 |
| 3815797.58 | 5.89281 (17012616)  |          |            |           |
| 394495.28  | 3815776.93          | 5.54194  | (17012616) | 394506.00 |
| 3815756.28 | 5.81429 (19092416)  |          |            |           |
| 394539.42  | 3815730.58          | 6.06886  | (19092416) | 394562.12 |
| 3815725.53 | 5.78528 (19092416)  |          |            |           |
| 394584.83  | 3815720.48          | 5.48819  | (19092416) | 394607.54 |
| 3815715.43 | 5.05355 (19092416)  |          |            |           |
| 394630.24  | 3815710.38          | 4.85331  | (17031116) | 394652.95 |
| 3815705.33 | 4.56569 (17031116)  |          |            |           |
| 394675.66  | 3815700.28          | 4.50421  | (20100116) | 394698.37 |
| 3815695.23 | 4.54190 (19041216)  |          |            |           |
| 394721.07  | 3815690.18          | 4.74767  | (19041216) | 394743.78 |
| 3815685.12 | 4.72274 (19041216)  |          |            |           |
| 394766.49  | 3815680.07          | 4.53893  | (19041216) | 394789.20 |
| 3815675.02 | 4.49877 (20111016)  |          |            |           |
| 394811.90  | 3815669.97          | 4.72056  | (20111016) | 394834.61 |
| 3815664.92 | 4.85501 (20111016)  |          |            |           |
| 394857.32  | 3815659.87          | 4.85171  | (20111016) | 394880.03 |
| 3815654.82 | 4.67929 (20111016)  |          |            |           |
| 394902.73  | 3815649.77          | 4.54174  | (19122216) | 394925.44 |
| 3815644.72 | 4.48812 (19122216)  |          |            |           |
| 394948.15  | 3815639.67          | 4.12484  | (19122216) | 394302.47 |
| 3816148.62 | 9.07950 (19101016)  |          |            |           |
| 394301.46  | 3816172.82          | 10.57471 | (19101016) | 394300.44 |
| 3816197.03 | 9.96828 (19101016)  |          |            |           |
| 394299.43  | 3816221.24          | 7.61116  | (19101016) | 394298.42 |
| 3816245.44 | 6.75519 (20090916)  |          |            |           |
| 394297.40  | 3816269.65          | 6.95466  | (20090916) | 394296.39 |
| 3816293.86 | 7.05602 (18111116)  |          |            |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 394619.10  | 3815620.03          | 3.94696  | (17031116) | 394642.43 |
| 3815614.84 | 3.71993 (20100116)  |          |            |           |
| 394665.77  | 3815609.65          | 3.73570  | (19041216) | 394689.10 |
| 3815604.46 | 4.70462 (18120624)  |          |            |           |
| 394712.44  | 3815599.27          | 5.85199  | (18120624) | 394735.77 |
| 3815594.08 | 5.21840 (18120624)  |          |            |           |
| 394759.11  | 3815588.89          | 4.54892  | (19041216) | 394782.45 |
| 3815583.70 | 4.23442 (20111016)  |          |            |           |
| 394805.78  | 3815578.50          | 4.34495  | (20111016) | 394829.12 |
| 3815573.31 | 4.44236 (20111016)  |          |            |           |
| 394852.45  | 3815568.12          | 4.43753  | (20111016) | 394875.79 |
| 3815562.93 | 4.27114 (20111016)  |          |            |           |
| 394899.12  | 3815557.74          | 4.56547m | (19031316) | 394922.46 |
| 3815552.55 | 4.64060m (19031316) |          |            |           |
| 394945.80  | 3815547.36          | 4.33961m | (19031316) | 394969.13 |
| 3815542.17 | 3.78104m (19031316) |          |            |           |
| 394202.56  | 3816144.43          | 9.66748  | (19101016) | 394201.55 |
| 3816168.64 | 8.59588 (19101016)  |          |            |           |
| 394200.53  | 3816192.85          | 6.59411  | (19060916) | 394199.52 |
| 3816217.05 | 6.46357 (20102616)  |          |            |           |
| 394198.51  | 3816241.26          | 6.53613  | (20090916) | 394197.49 |
| 3816265.47 | 7.16880 (18111116)  |          |            |           |
| 394196.48  | 3816289.67          | 6.85532  | (18111116) | 394113.47 |
| 3816119.39 | 8.63642 (19101016)  |          |            |           |
| 394124.29  | 3816098.54          | 8.93321  | (19101016) | 394135.11 |
| 3816077.68 | 8.05741 (19101016)  |          |            |           |
| 394145.93  | 3816056.82          | 6.45199  | (19103016) | 394156.75 |
| 3816035.96 | 6.19288 (19103016)  |          |            |           |
| 394167.57  | 3816015.10          | 6.25736  | (16032616) | 394178.39 |
| 3815994.25 | 6.21895 (16032616)  |          |            |           |
| 394189.21  | 3815973.39          | 7.18991  | (19121716) | 394200.03 |
| 3815952.53 | 7.65967 (19121716)  |          |            |           |
| 394210.85  | 3815931.67          | 6.86101  | (19121716) | 394221.67 |
| 3815910.82 | 5.95852 (20020416)  |          |            |           |
| 394232.49  | 3815889.96          | 5.14612  | (20020416) | 394243.31 |
| 3815869.10 | 5.01332 (19102016)  |          |            |           |
| 394254.13  | 3815848.24          | 5.28767  | (16120216) | 394264.95 |
| 3815827.38 | 5.94565 (16120216)  |          |            |           |
| 394275.77  | 3815806.53          | 5.99576  | (16120216) | 394286.59 |
| 3815785.67 | 5.36075 (16120216)  |          |            |           |
| 394297.41  | 3815764.81          | 5.41437  | (20060816) | 394308.23 |
| 3815743.95 | 5.29856 (20060816)  |          |            |           |
| 394319.05  | 3815723.10          | 4.90938  | (20060816) | 394329.87 |
| 3815702.24 | 4.26210 (20060816)  |          |            |           |
| 394340.69  | 3815681.38          | 4.60095  | (17012616) | 394351.51 |
| 3815660.52 | 4.84109 (17012616)  |          |            |           |
| 394362.33  | 3815639.66          | 4.89019  | (17012616) | 394373.15 |
| 3815618.81 | 4.76149 (17012616)  |          |            |           |
| 394383.97  | 3815597.95          | 4.49515  | (17012616) | 394417.72 |
| 3815571.99 | 5.31102 (19092416)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394440.66  | 3815566.89 | 5.54111    | (19092416) | 394463.60 |
| 3815561.79 | 5.50813    | (19092416) |            |           |
| 394486.53  | 3815556.68 | 5.23484    | (19092416) | 394509.47 |
| 3815551.58 | 4.70700    | (19092416) |            |           |
| 394532.41  | 3815546.48 | 4.04275    | (19092416) | 394555.34 |
| 3815541.38 | 3.63841    | (17031116) |            |           |
| 394578.28  | 3815536.28 | 3.44273    | (17031116) | 394601.22 |
| 3815531.18 | 3.27431    | (19011316) |            |           |
| 394624.15  | 3815526.07 | 3.20879    | (19011316) | 394647.09 |
| 3815520.97 | 3.14487    | (19041216) |            |           |
| 394670.03  | 3815515.87 | 3.38440    | (19041216) | 394692.96 |
| 3815510.77 | 3.55235    | (19041216) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1062

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394715.90   | 3815505.67  | 3.66973    | (19041216) | 394738.84   |
| 3815500.56  | 3.73042     | (19041216) |            |             |
| 394761.77   | 3815495.46  | 3.65605    | (19041216) | 394784.71   |
| 3815490.36  | 3.75005     | (20111016) |            |             |
| 394807.65   | 3815485.26  | 3.96423    | (20111016) | 394830.58   |
| 3815480.16  | 4.08167     | (20111016) |            |             |
| 394853.52   | 3815475.06  | 4.21534    | (19030616) | 394876.46   |
| 3815469.95  | 4.55771m    | (19031316) |            |             |
| 394899.40   | 3815464.85  | 4.91166m   | (19031316) | 394922.33   |
| 3815459.75  | 4.89193m    | (19031316) |            |             |
| 394945.27   | 3815454.65  | 4.54587m   | (19031316) | 394968.21   |
| 3815449.55  | 4.31825     | (16041524) |            |             |
| 394991.14   | 3815444.45  | 5.82615    | (16041524) | 394102.65   |
| 3816140.25  | 7.37550     | (19101016) |            |             |
| 394101.63   | 3816164.46  | 6.44667    | (19103008) | 394100.62   |
| 3816188.66  | 6.09684     | (20102616) |            |             |

|            |           |                    |         |            |           |
|------------|-----------|--------------------|---------|------------|-----------|
| 3816237.08 | 394099.61 | 3816212.87         | 5.98839 | (20090916) | 394098.59 |
|            |           | 6.79757 (18111116) |         |            |           |
|            | 394097.58 | 3816261.28         | 6.81696 | (18111116) | 394096.57 |
| 3816285.49 |           | 6.28626 (17012716) |         |            |           |
|            | 394013.77 | 3816114.79         | 6.70317 | (19103008) | 394024.81 |
| 3816093.52 |           | 7.67480 (19101016) |         |            |           |
|            | 394035.84 | 3816072.24         | 8.22863 | (19101016) | 394046.88 |
| 3816050.97 |           | 7.86362 (19101016) |         |            |           |
|            | 394057.92 | 3816029.69         | 6.66573 | (19101016) | 394068.95 |
| 3816008.42 |           | 5.81055 (19103016) |         |            |           |
|            | 394079.99 | 3815987.14         | 5.48219 | (19103016) | 394091.03 |
| 3815965.87 |           | 5.65990 (16032616) |         |            |           |
|            | 394102.06 | 3815944.59         | 5.56030 | (16032616) | 394113.10 |
| 3815923.32 |           | 6.73829 (19121716) |         |            |           |
|            | 394124.13 | 3815902.04         | 7.33923 | (19121716) | 394135.17 |
| 3815880.77 |           | 6.72103 (19121716) |         |            |           |
|            | 394146.21 | 3815859.49         | 5.76637 | (20020416) | 394157.24 |
| 3815838.22 |           | 5.07260 (20020416) |         |            |           |
|            | 394168.28 | 3815816.94         | 4.49605 | (19102016) | 394179.32 |
| 3815795.67 |           | 4.52099 (19102016) |         |            |           |
|            | 394190.35 | 3815774.39         | 5.24541 | (16120216) | 394201.39 |
| 3815753.12 |           | 5.59796 (16120216) |         |            |           |
|            | 394212.43 | 3815731.84         | 5.39983 | (16120216) | 394223.46 |
| 3815710.57 |           | 4.80683 (20060816) |         |            |           |
|            | 394234.50 | 3815689.29         | 4.89921 | (20060816) | 394245.54 |
| 3815668.02 |           | 4.78531 (20060816) |         |            |           |
|            | 394256.57 | 3815646.74         | 4.45495 | (20060816) | 394267.61 |
| 3815625.47 |           | 3.93568 (20060816) |         |            |           |
|            | 394278.64 | 3815604.19         | 4.12977 | (17012616) | 394289.68 |
| 3815582.92 |           | 4.41493 (17012616) |         |            |           |
|            | 394300.72 | 3815561.64         | 4.52237 | (17012616) | 394311.75 |
| 3815540.37 |           | 4.45524 (17012616) |         |            |           |
|            | 394322.79 | 3815519.09         | 4.24499 | (17012616) | 394357.22 |
| 3815492.62 |           | 4.73321 (19092416) |         |            |           |
|            | 394380.62 | 3815487.41         | 5.02978 | (19092416) | 394404.01 |
| 3815482.21 |           | 5.18797 (19092416) |         |            |           |
|            | 394427.41 | 3815477.00         | 5.18108 | (19092416) | 394450.80 |
| 3815471.80 |           | 4.97072 (19092416) |         |            |           |
|            | 394474.20 | 3815466.60         | 4.52999 | (19092416) | 394497.59 |
| 3815461.39 |           | 3.95413 (19092416) |         |            |           |
|            | 394520.99 | 3815456.19         | 3.48974 | (19111116) | 394544.39 |
| 3815450.99 |           | 3.18511 (17031116) |         |            |           |
|            | 394567.78 | 3815445.78         | 3.31835 | (19103116) | 394591.18 |
| 3815440.58 |           | 3.61973 (18120624) |         |            |           |
|            | 394614.57 | 3815435.38         | 4.22944 | (18120624) | 394637.97 |
| 3815430.17 |           | 4.43357 (18120624) |         |            |           |
|            | 394661.36 | 3815424.97         | 4.32830 | (18120624) | 394684.76 |
| 3815419.76 |           | 3.83273 (18120624) |         |            |           |
|            | 394708.15 | 3815414.56         | 3.27558 | (19041216) | 394731.55 |
| 3815409.36 |           | 3.19342 (19041216) |         |            |           |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 394754.94  | 3815404.15          | 3.19047 | (17011316) | 394778.34 |
| 3815398.95 | 3.32464 (17011316)  |         |            |           |
| 394801.74  | 3815393.75          | 3.40406 | (20111016) | 394825.13 |
| 3815388.54 | 3.67071 (19030616)  |         |            |           |
| 394848.53  | 3815383.34          | 4.20182 | (19030616) | 394871.92 |
| 3815378.13 | 4.57755 (19030616)  |         |            |           |
| 394895.32  | 3815372.93          | 4.59297 | (19030616) | 394918.71 |
| 3815367.73 | 4.59814m (19031316) |         |            |           |
| 394942.11  | 3815362.52          | 4.46061 | (20102824) | 394965.50 |
| 3815357.32 | 4.50700 (16041524)  |         |            |           |
| 394988.90  | 3815352.12          | 6.36141 | (16041524) | 395012.30 |
| 3815346.91 | 7.85618 (16041524)  |         |            |           |
| 394002.73  | 3816136.07          | 6.12595 | (19103008) | 394001.72 |
| 3816160.28 | 5.59701 (20102616)  |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1063

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 394000.71   | 3816184.48         | 5.58490    | (20122316) | 393999.69   |
| 3816208.69  | 6.23860 (18111116) |            |            |             |
| 393998.68   | 3816232.90         | 6.50131    | (18111116) | 393997.67   |
| 3816257.10  | 6.06144 (17102416) |            |            |             |
| 393996.65   | 3816281.31         | 6.20947    | (17012716) | 393763.94   |
| 3816104.43  | 4.38388 (20122316) |            |            |             |
| 393774.93   | 3816083.25         | 4.64422    | (19103008) | 393785.91   |
| 3816062.08  | 5.27125 (19103008) |            |            |             |
| 393796.90   | 3816040.90         | 5.67536    | (19103008) | 393807.88   |
| 3816019.72  | 5.82006 (19101016) |            |            |             |
| 393818.87   | 3815998.54         | 6.39483    | (19101016) | 393829.86   |
| 3815977.36  | 6.50785 (19101016) |            |            |             |
| 393840.84   | 3815956.18         | 6.11955    | (19101016) | 393851.83   |
| 3815935.00  | 5.31110 (19101016) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393862.82  | 3815913.83         | 4.56775 | (19103016) | 393873.80 |
| 3815892.65 | 4.40077 (19103016) |         |            |           |
| 393884.79  | 3815871.47         | 4.20108 | (16032616) | 393895.78 |
| 3815850.29 | 4.35841 (16032616) |         |            |           |
| 393906.76  | 3815829.11         | 4.29616 | (16032616) | 393917.75 |
| 3815807.93 | 5.03794 (19121716) |         |            |           |
| 393928.74  | 3815786.75         | 5.44498 | (19121716) | 393939.72 |
| 3815765.57 | 5.38500 (19121716) |         |            |           |
| 393950.71  | 3815744.40         | 5.05415 | (19121716) | 393961.70 |
| 3815723.22 | 4.61938 (20020416) |         |            |           |
| 393972.68  | 3815702.04         | 4.39950 | (20020416) | 393983.67 |
| 3815680.86 | 3.98498 (20020416) |         |            |           |
| 393994.66  | 3815659.68         | 3.49549 | (19102016) | 394005.64 |
| 3815638.50 | 3.69400 (16120216) |         |            |           |
| 394016.63  | 3815617.32         | 4.18751 | (16120216) | 394027.61 |
| 3815596.15 | 4.48313 (16120216) |         |            |           |
| 394038.60  | 3815574.97         | 4.51847 | (16120216) | 394049.59 |
| 3815553.79 | 4.26084 (16120216) |         |            |           |
| 394060.57  | 3815532.61         | 3.81314 | (20060816) | 394071.56 |
| 3815511.43 | 3.89432 (20060816) |         |            |           |
| 394082.55  | 3815490.25         | 3.86031 | (20060816) | 394093.53 |
| 3815469.07 | 3.70769 (20060816) |         |            |           |
| 394104.52  | 3815447.89         | 3.44271 | (20060816) | 394115.51 |
| 3815426.72 | 3.10597 (20060816) |         |            |           |
| 394126.49  | 3815405.54         | 3.20017 | (17012616) | 394137.48 |
| 3815384.36 | 3.40169 (17012616) |         |            |           |
| 394148.47  | 3815363.18         | 3.51025 | (17012616) | 394159.45 |
| 3815342.00 | 3.52011 (17012616) |         |            |           |
| 394170.44  | 3815320.82         | 3.44419 | (17012616) | 394204.72 |
| 3815294.46 | 3.39019 (19092416) |         |            |           |
| 394228.00  | 3815289.28         | 3.70914 | (19092416) | 394251.29 |
| 3815284.10 | 3.99184 (19092416) |         |            |           |
| 394274.58  | 3815278.92         | 4.20270 | (19092416) | 394297.87 |
| 3815273.74 | 4.30443 (19092416) |         |            |           |
| 394321.16  | 3815268.56         | 4.28265 | (19092416) | 394344.45 |
| 3815263.38 | 4.13496 (19092416) |         |            |           |
| 394367.74  | 3815258.20         | 3.88422 | (19092416) | 394391.03 |
| 3815253.02 | 3.57334 (20122324) |         |            |           |
| 394414.32  | 3815247.84         | 3.19637 | (20122324) | 394437.61 |
| 3815242.66 | 2.88155 (19111116) |         |            |           |
| 394460.90  | 3815237.48         | 2.91420 | (19110824) | 394484.19 |
| 3815232.30 | 3.40190 (18120624) |         |            |           |
| 394507.48  | 3815227.12         | 4.31423 | (18120624) | 394530.77 |
| 3815221.94 | 5.11363 (18120624) |         |            |           |
| 394554.06  | 3815216.76         | 6.10571 | (18120624) | 394577.35 |
| 3815211.58 | 6.97085 (18120624) |         |            |           |
| 394600.64  | 3815206.40         | 7.42275 | (18120624) | 394623.93 |
| 3815201.22 | 7.19512 (18120624) |         |            |           |
| 394647.22  | 3815196.04         | 6.16599 | (18120624) | 394670.51 |
| 3815190.86 | 5.47231 (19102224) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394693.80  | 3815185.68 | 4.38481    | (20112708) | 394717.09 |
| 3815180.50 | 4.37440    | (20112708) |            |           |
| 394740.38  | 3815175.32 | 4.92682    | (19011524) | 394763.67 |
| 3815170.14 | 6.36005    | (19011524) |            |           |
| 394786.96  | 3815164.96 | 7.37473    | (19011524) | 394810.24 |
| 3815159.78 | 7.15891    | (20122408) |            |           |
| 394833.53  | 3815154.60 | 6.84649    | (19011208) | 394856.82 |
| 3815149.42 | 7.03134    | (19011208) |            |           |
| 394880.11  | 3815144.24 | 6.88512    | (19011208) | 394903.40 |
| 3815139.06 | 6.71117    | (20102824) |            |           |
| 394926.69  | 3815133.88 | 8.92132    | (20102824) | 394949.98 |
| 3815128.70 | 10.26136   | (20102824) |            |           |
| 394973.27  | 3815123.52 | 11.37388c  | (17011624) | 394996.56 |
| 3815118.34 | 13.73123c  | (17011624) |            |           |
| 395019.85  | 3815113.16 | 10.71182   | (18032124) | 395043.14 |
| 3815107.98 | 10.62103   | (16041524) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1064

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395066.43   | 3815102.80  | 11.03644   | (16041524) | 393752.95   |
| 3816125.61  | 4.42747     | (20122316) |            |             |
| 393751.94   | 3816149.82  | 4.97608    | (18111116) | 393750.93   |
| 3816174.03  | 5.22929     | (18111116) |            |             |
| 393749.91   | 3816198.23  | 5.06253    | (18111116) | 393748.90   |
| 3816222.44  | 4.90109     | (17102416) |            |             |
| 393747.89   | 3816246.65  | 4.84129    | (17012716) | 393746.87   |
| 3816270.85  | 5.04444     | (17012716) |            |             |
| 393514.13   | 3816094.04  | 4.01795    | (18111116) | 393525.08   |
| 3816072.92  | 3.67991     | (18111116) |            |             |
| 393536.04   | 3816051.80  | 3.65002    | (20122316) | 393546.99   |
| 3816030.68  | 3.52571     | (19103008) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393557.95  | 3816009.56          | 4.04278  | (19103008) | 393568.90 |
| 3815988.44 | 4.46188 (19103008)  |          |            |           |
| 393579.86  | 3815967.33          | 4.71590  | (19103008) | 393590.81 |
| 3815946.21 | 4.78610 (19103008)  |          |            |           |
| 393601.77  | 3815925.09          | 4.89796  | (19101016) | 393612.72 |
| 3815903.97 | 5.17463 (19101016)  |          |            |           |
| 393623.68  | 3815882.85          | 5.18931  | (19101016) | 393634.63 |
| 3815861.73 | 4.87298 (19101016)  |          |            |           |
| 393645.59  | 3815840.62          | 4.31553  | (19101016) | 393656.55 |
| 3815819.50 | 3.77692 (18030516)  |          |            |           |
| 393667.50  | 3815798.38          | 3.62186  | (19103016) | 393678.46 |
| 3815777.26 | 3.58874 (19101116)  |          |            |           |
| 393689.41  | 3815756.14          | 3.34345  | (19101116) | 393700.37 |
| 3815735.02 | 3.38040 (16032616)  |          |            |           |
| 393711.32  | 3815713.90          | 3.34605  | (16032616) | 393722.28 |
| 3815692.79 | 3.83210 (19121716)  |          |            |           |
| 393733.23  | 3815671.67          | 4.23959  | (19121716) | 393744.19 |
| 3815650.55 | 4.47994 (19121716)  |          |            |           |
| 393755.14  | 3815629.43          | 4.52312  | (19121716) | 393766.10 |
| 3815608.31 | 4.33929 (19121716)  |          |            |           |
| 393777.05  | 3815587.19          | 3.95806  | (19121716) | 393788.01 |
| 3815566.07 | 3.78279 (20020416)  |          |            |           |
| 393798.96  | 3815544.96          | 3.51785  | (20020416) | 393809.92 |
| 3815523.84 | 3.14745 (20020416)  |          |            |           |
| 393820.87  | 3815502.72          | 2.74634  | (16011016) | 393831.83 |
| 3815481.60 | 3.01500 (16120216)  |          |            |           |
| 393842.78  | 3815460.48          | 3.36317  | (16120216) | 393853.74 |
| 3815439.36 | 3.60693 (16120216)  |          |            |           |
| 393864.70  | 3815418.24          | 3.70193  | (16120216) | 393875.65 |
| 3815397.13 | 3.62142 (16120216)  |          |            |           |
| 393886.61  | 3815376.01          | 3.38016  | (16120216) | 393897.56 |
| 3815354.89 | 3.04617 (20060816)  |          |            |           |
| 393908.52  | 3815333.77          | 3.11341  | (20060816) | 393919.47 |
| 3815312.65 | 3.17837 (20060816)  |          |            |           |
| 393930.43  | 3815291.53          | 3.25080  | (20060816) | 393941.38 |
| 3815270.42 | 3.41691 (20060816)  |          |            |           |
| 393952.34  | 3815249.30          | 3.70265  | (19051016) | 393963.29 |
| 3815228.18 | 4.41208 (19051016)  |          |            |           |
| 393974.25  | 3815207.06          | 5.01603  | (19051016) | 393985.20 |
| 3815185.94 | 6.52242 (19123024)  |          |            |           |
| 393996.16  | 3815164.82          | 8.81561  | (16122124) | 394007.11 |
| 3815143.70 | 9.20784 (16122124)  |          |            |           |
| 394018.07  | 3815122.59          | 7.26474  | (16122124) | 394052.25 |
| 3815096.30 | 5.73612 (18120708)  |          |            |           |
| 394075.47  | 3815091.14          | 8.61265  | (16011708) | 394098.69 |
| 3815085.97 | 12.94326 (16011708) |          |            |           |
| 394121.92  | 3815080.80          | 16.62379 | (16011708) | 394145.14 |
| 3815075.64 | 16.99929 (16011708) |          |            |           |
| 394168.37  | 3815070.47          | 13.15646 | (16112024) | 394191.59 |
| 3815065.31 | 12.29007 (16113024) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394214.81  | 3815060.14 | 11.54425   | (16113024) | 394238.04 |
| 3815054.98 | 8.70262    | (16113024) |            |           |
| 394261.26  | 3815049.81 | 8.79634    | (19120524) | 394284.48 |
| 3815044.65 | 9.57567    | (19120524) |            |           |
| 394307.71  | 3815039.48 | 10.31358   | (16010224) | 394330.93 |
| 3815034.32 | 12.83370   | (16010224) |            |           |
| 394354.15  | 3815029.15 | 13.41798   | (16010224) | 394377.38 |
| 3815023.98 | 12.47577   | (16010224) |            |           |
| 394400.60  | 3815018.82 | 11.28796   | (18012424) | 394423.82 |
| 3815013.65 | 13.53415   | (19022708) |            |           |
| 394447.05  | 3815008.49 | 14.11820   | (19022708) | 394470.27 |
| 3815003.32 | 16.19255   | (18111924) |            |           |
| 394493.49  | 3814998.16 | 16.43536   | (19013024) | 394516.72 |
| 3814992.99 | 15.81553   | (19011624) |            |           |
| 394539.94  | 3814987.83 | 16.70124c  | (18022508) | 394563.16 |
| 3814982.66 | 25.17559c  | (18022508) |            |           |
| 394586.39  | 3814977.50 | 26.61144c  | (18022508) | 394609.61 |
| 3814972.33 | 22.60473c  | (18022508) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1065

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394632.83   | 3814967.16  | 30.22631   | (16010224) | 394656.06   |
| 3814962.00  | 37.35175    | (17012524) |            |             |
| 394679.28   | 3814956.83  | 41.25158   | (17012524) | 394702.50   |
| 3814951.67  | 41.97736    | (16122608) |            |             |
| 394725.73   | 3814946.50  | 31.67955   | (16122608) | 394748.95   |
| 3814941.34  | 18.35589    | (18111624) |            |             |
| 394772.17   | 3814936.17  | 15.01635   | (16012124) | 394795.40   |
| 3814931.01  | 18.02663    | (16122824) |            |             |
| 394818.62   | 3814925.84  | 24.27640   | (16122824) | 394841.84   |
| 3814920.68  | 24.42869    | (16122824) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 394865.07  | 3814915.51           | 19.53028  | (16122824) | 394888.29 |
| 3814910.34 | 15.40645 (17032324)  |           |            |           |
| 394911.52  | 3814905.18           | 18.93560  | (16120208) | 394934.74 |
| 3814900.01 | 21.99791 (19123108)  |           |            |           |
| 394957.96  | 3814894.85           | 22.92794  | (16122124) | 394981.19 |
| 3814889.68 | 27.19371 (16120408)  |           |            |           |
| 395004.41  | 3814884.52           | 33.85360c | (17011624) | 395027.63 |
| 3814879.35 | 34.05218c (17011624) |           |            |           |
| 395050.86  | 3814874.19           | 29.98962  | (20031108) | 395074.08 |
| 3814869.02 | 32.72674 (16022408)  |           |            |           |
| 395097.30  | 3814863.86           | 40.03139  | (16022408) | 395120.53 |
| 3814858.69 | 43.22117 (16022408)  |           |            |           |
| 393503.17  | 3816115.16           | 4.14451   | (18111116) | 393502.16 |
| 3816139.36 | 4.10084 (18111116)   |           |            |           |
| 393501.14  | 3816163.57           | 3.94728   | (17102416) | 393500.13 |
| 3816187.78 | 3.95938 (17102416)   |           |            |           |
| 393499.12  | 3816211.98           | 3.88208   | (17012716) | 393498.10 |
| 3816236.19 | 4.02739 (17012716)   |           |            |           |
| 393497.09  | 3816260.40           | 4.07135   | (17012716) | 393264.52 |
| 3816083.25 | 3.64463 (18111116)   |           |            |           |
| 393275.65  | 3816061.79           | 3.63333   | (18111116) | 393286.78 |
| 3816040.34 | 3.47837 (18111116)   |           |            |           |
| 393297.91  | 3816018.88           | 3.18356   | (18111116) | 393309.04 |
| 3815997.43 | 3.09681 (20122316)   |           |            |           |
| 393320.17  | 3815975.98           | 2.99772   | (20122316) | 393331.29 |
| 3815954.52 | 3.13523 (19103008)   |           |            |           |
| 393342.42  | 3815933.07           | 3.41879   | (19103008) | 393353.55 |
| 3815911.62 | 3.70197 (19103008)   |           |            |           |
| 393364.68  | 3815890.16           | 3.95391   | (19103008) | 393375.81 |
| 3815868.71 | 4.07005 (19103008)   |           |            |           |
| 393386.94  | 3815847.25           | 4.04783   | (19103008) | 393398.07 |
| 3815825.80 | 4.20620 (19101016)   |           |            |           |
| 393409.20  | 3815804.35           | 4.21689   | (19101016) | 393420.33 |
| 3815782.89 | 4.08958 (19101016)   |           |            |           |
| 393431.46  | 3815761.44           | 3.83401   | (19101016) | 393442.59 |
| 3815739.99 | 3.38932 (19101016)   |           |            |           |
| 393453.72  | 3815718.53           | 3.10827   | (18030516) | 393464.84 |
| 3815697.08 | 3.01228 (19101116)   |           |            |           |
| 393475.97  | 3815675.62           | 3.05200   | (19101116) | 393487.10 |
| 3815654.17 | 2.95561 (19101116)   |           |            |           |
| 393498.23  | 3815632.72           | 2.76765   | (16032616) | 393509.36 |
| 3815611.26 | 2.78367 (16032616)   |           |            |           |
| 393520.49  | 3815589.81           | 2.87624   | (19121716) | 393531.62 |
| 3815568.36 | 3.29244 (19121716)   |           |            |           |
| 393542.75  | 3815546.90           | 3.64009   | (19121716) | 393553.88 |
| 3815525.45 | 3.87143 (19121716)   |           |            |           |
| 393565.01  | 3815504.00           | 3.94033   | (19121716) | 393576.14 |
| 3815482.54 | 3.84199 (19121716)   |           |            |           |
| 393587.27  | 3815461.09           | 3.60558   | (19121716) | 393598.39 |
| 3815439.63 | 3.30798 (20020416)   |           |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393609.52  | 3815418.18         | 3.17430 | (20020416) | 393620.65 |
| 3815396.73 | 2.95553 (20020416) |         |            |           |
| 393631.78  | 3815375.27         | 2.67145 | (20020416) | 393642.91 |
| 3815353.82 | 2.34261 (20020416) |         |            |           |
| 393654.04  | 3815332.37         | 2.42183 | (16120216) | 393665.17 |
| 3815310.91 | 2.70111 (16120216) |         |            |           |
| 393676.30  | 3815289.46         | 2.94086 | (16120216) | 393687.43 |
| 3815268.00 | 3.17593 (16120216) |         |            |           |
| 393698.56  | 3815246.55         | 3.39899 | (16120216) | 393709.69 |
| 3815225.10 | 3.47257 (16120216) |         |            |           |
| 393720.82  | 3815203.64         | 3.30150 | (16120216) | 393731.94 |
| 3815182.19 | 2.99789 (16120216) |         |            |           |
| 393743.07  | 3815160.74         | 2.94213 | (20060816) | 393754.20 |
| 3815139.28 | 2.96817 (20060816) |         |            |           |
| 393765.33  | 3815117.83         | 2.94400 | (20060816) | 393776.46 |
| 3815096.37 | 2.86275 (20060816) |         |            |           |
| 393787.59  | 3815074.92         | 2.73954 | (20060816) | 393798.72 |
| 3815053.47 | 2.92246 (19051016) |         |            |           |
| 393809.85  | 3815032.01         | 3.12933 | (19051016) | 393820.98 |
| 3815010.56 | 3.20906 (19051016) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1066

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393832.11   | 3814989.11         | 3.20195    | (19051016) | 393843.24   |
| 3814967.65  | 3.11812 (19051016) |            |            |             |
| 393854.37   | 3814946.20         | 2.98582    | (19051016) | 393865.49   |
| 3814924.74  | 2.80107 (19051016) |            |            |             |
| 393900.22   | 3814898.04         | 2.40428    | (20021016) | 393923.81   |
| 3814892.80  | 2.45562 (20021016) |            |            |             |
| 393947.40   | 3814887.55         | 2.46968    | (19092416) | 393970.99   |
| 3814882.30  | 2.80444 (18120708) |            |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393994.58  | 3814877.05           | 3.10423   | (18120708) | 394018.18 |
| 3814871.81 | 3.73136 (18120708)   |           |            |           |
| 394041.77  | 3814866.56           | 4.52473   | (18120708) | 394065.36 |
| 3814861.31 | 5.86704 (20040924)   |           |            |           |
| 394088.95  | 3814856.06           | 8.56178   | (16113024) | 394112.54 |
| 3814850.82 | 12.48502 (16113024)  |           |            |           |
| 394136.14  | 3814845.57           | 16.25759m | (18120924) | 394159.73 |
| 3814840.32 | 22.96639m (18120924) |           |            |           |
| 394183.32  | 3814835.07           | 28.91185  | (18120308) | 394206.91 |
| 3814829.83 | 31.27527 (20010224)  |           |            |           |
| 394230.50  | 3814824.58           | 34.10681  | (17123108) | 394254.10 |
| 3814819.33 | 33.21908 (17123108)  |           |            |           |
| 394277.69  | 3814814.08           | 30.77572  | (17102724) | 394301.28 |
| 3814808.84 | 32.83595 (17102724)  |           |            |           |
| 394324.87  | 3814803.59           | 29.77543  | (19020708) | 394348.46 |
| 3814798.34 | 34.74805 (19020708)  |           |            |           |
| 394372.06  | 3814793.09           | 33.69824  | (19020708) | 394395.65 |
| 3814787.85 | 33.57968 (17021124)  |           |            |           |
| 394419.24  | 3814782.60           | 35.50596  | (17021124) | 394442.83 |
| 3814777.35 | 31.83130 (20031208)  |           |            |           |
| 394466.43  | 3814772.10           | 29.10866  | (20031208) | 394490.02 |
| 3814766.86 | 34.66337 (16102924)  |           |            |           |
| 394513.61  | 3814761.61           | 34.49933  | (16102924) | 394537.20 |
| 3814756.36 | 35.30915 (16040124)  |           |            |           |
| 394560.79  | 3814751.11           | 30.36747  | (16040124) | 394584.39 |
| 3814745.87 | 33.37241 (16010224)  |           |            |           |
| 394607.98  | 3814740.62           | 31.23078  | (16010224) | 394631.57 |
| 3814735.37 | 34.45077 (17012524)  |           |            |           |
| 394655.16  | 3814730.12           | 35.14277  | (17012524) | 394678.75 |
| 3814724.88 | 35.28214 (16122608)  |           |            |           |
| 394702.35  | 3814719.63           | 35.30564  | (17121824) | 394725.94 |
| 3814714.38 | 32.66919 (17121824)  |           |            |           |
| 394749.53  | 3814709.13           | 28.07225  | (16012124) | 394773.12 |
| 3814703.89 | 33.25843 (17122408)  |           |            |           |
| 394796.71  | 3814698.64           | 35.24769  | (17122408) | 394820.31 |
| 3814693.39 | 31.24188 (17122408)  |           |            |           |
| 394843.90  | 3814688.14           | 34.45104  | (18061208) | 394867.49 |
| 3814682.90 | 33.58923 (18061208)  |           |            |           |
| 394891.08  | 3814677.65           | 31.75824  | (20113008) | 394914.67 |
| 3814672.40 | 30.43714 (16010224)  |           |            |           |
| 394938.27  | 3814667.15           | 34.38536  | (16010224) | 394961.86 |
| 3814661.91 | 32.84951 (16010224)  |           |            |           |
| 394985.45  | 3814656.66           | 32.40760  | (16120408) | 395009.04 |
| 3814651.41 | 34.36008 (16120408)  |           |            |           |
| 395032.63  | 3814646.16           | 31.03115  | (16120408) | 395056.23 |
| 3814640.92 | 27.96155c (17011624) |           |            |           |
| 395079.82  | 3814635.67           | 25.29744  | (20031108) | 395103.41 |
| 3814630.42 | 27.61840 (16022408)  |           |            |           |
| 395127.00  | 3814625.17           | 33.28704  | (16022408) | 395150.60 |
| 3814619.93 | 36.18612 (16022408)  |           |            |           |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 395174.19  | 3814614.68         | 36.31840 | (16022408) | 393253.39 |
| 3816104.70 | 3.51191 (18111116) |          |            |           |
| 393252.38  | 3816128.91         | 3.56403  | (19121624) | 393251.36 |
| 3816153.11 | 3.60328 (19121624) |          |            |           |
| 393250.35  | 3816177.32         | 3.55295  | (19121624) | 393249.34 |
| 3816201.53 | 3.55578 (17012716) |          |            |           |
| 393248.32  | 3816225.73         | 3.60884  | (17012716) | 393247.31 |
| 3816249.94 | 3.57906 (17012716) |          |            |           |
| 393014.70  | 3816072.87         | 3.17471  | (19121624) | 393025.78 |
| 3816051.50 | 3.03323 (18111116) |          |            |           |
| 393036.87  | 3816030.13         | 3.08459  | (18111116) | 393047.95 |
| 3816008.76 | 3.06974 (18111116) |          |            |           |
| 393059.04  | 3815987.39         | 2.98088  | (18111116) | 393070.13 |
| 3815966.02 | 2.84064 (18111116) |          |            |           |
| 393081.21  | 3815944.64         | 2.79087  | (20122316) | 393092.30 |
| 3815923.27 | 2.75049 (20122316) |          |            |           |
| 393103.39  | 3815901.90         | 2.69231  | (19103008) | 393114.47 |
| 3815880.53 | 2.97424 (19103008) |          |            |           |
| 393125.56  | 3815859.16         | 3.21308  | (19103008) | 393136.65 |
| 3815837.79 | 3.38990 (19103008) |          |            |           |
| 393147.73  | 3815816.42         | 3.50423  | (19103008) | 393158.82 |
| 3815795.05 | 3.54141 (19103008) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1067

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393169.90   | 3815773.68         | 3.50600    | (19103008) | 393180.99   |
| 3815752.30  | 3.45077 (19101016) |            |            |             |
| 393192.08   | 3815730.93         | 3.49243    | (19101016) | 393203.16   |
| 3815709.56  | 3.46206 (19101016) |            |            |             |
| 393214.25   | 3815688.19         | 3.34092    | (19101016) | 393225.34   |
| 3815666.82  | 3.11960 (19101016) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393236.42  | 3815645.45         | 2.85796 | (19101016) | 393247.51 |
| 3815624.08 | 2.70188 (18030516) |         |            |           |
| 393258.60  | 3815602.71         | 2.60352 | (18030516) | 393269.68 |
| 3815581.33 | 2.63481 (19101116) |         |            |           |
| 393280.77  | 3815559.96         | 2.61336 | (19101116) | 393291.85 |
| 3815538.59 | 2.50944 (19101116) |         |            |           |
| 393302.94  | 3815517.22         | 2.33771 | (18032716) | 393314.03 |
| 3815495.85 | 2.32967 (16032616) |         |            |           |
| 393325.11  | 3815474.48         | 2.45102 | (19121716) | 393336.20 |
| 3815453.11 | 2.82122 (19121716) |         |            |           |
| 393347.29  | 3815431.74         | 3.13708 | (19121716) | 393358.37 |
| 3815410.36 | 3.36573 (19121716) |         |            |           |
| 393369.46  | 3815388.99         | 3.47819 | (19121716) | 393380.55 |
| 3815367.62 | 3.47840 (19121716) |         |            |           |
| 393391.63  | 3815346.25         | 3.36965 | (19121716) | 393402.72 |
| 3815324.88 | 3.16386 (19121716) |         |            |           |
| 393413.80  | 3815303.51         | 2.88045 | (19121716) | 393424.89 |
| 3815282.14 | 2.76425 (20020416) |         |            |           |
| 393435.98  | 3815260.77         | 2.61547 | (20020416) | 393447.06 |
| 3815239.39 | 2.42409 (20020416) |         |            |           |
| 393458.15  | 3815218.02         | 2.19647 | (20020416) | 393469.24 |
| 3815196.65 | 1.94132 (20020416) |         |            |           |
| 393480.32  | 3815175.28         | 2.08125 | (16120216) | 393491.41 |
| 3815153.91 | 2.33157 (16120216) |         |            |           |
| 393502.50  | 3815132.54         | 2.53483 | (16120216) | 393513.58 |
| 3815111.17 | 2.65995 (16120216) |         |            |           |
| 393524.67  | 3815089.80         | 2.71445 | (16120216) | 393535.75 |
| 3815068.42 | 2.70698 (16120216) |         |            |           |
| 393546.84  | 3815047.05         | 2.63144 | (16120216) | 393557.93 |
| 3815025.68 | 2.48156 (16120216) |         |            |           |
| 393569.01  | 3815004.31         | 2.26681 | (16120216) | 393580.10 |
| 3814982.94 | 2.24278 (20060816) |         |            |           |
| 393591.19  | 3814961.57         | 2.27334 | (20060816) | 393602.27 |
| 3814940.20 | 2.26239 (20060816) |         |            |           |
| 393613.36  | 3814918.83         | 2.21421 | (20060816) | 393624.45 |
| 3814897.45 | 2.12444 (20060816) |         |            |           |
| 393635.53  | 3814876.08         | 2.09295 | (19051016) | 393646.62 |
| 3814854.71 | 2.27162 (19051016) |         |            |           |
| 393657.70  | 3814833.34         | 2.45174 | (19051016) | 393668.79 |
| 3814811.97 | 2.64902 (19051016) |         |            |           |
| 393679.88  | 3814790.60         | 2.77919 | (19051016) | 393690.96 |
| 3814769.23 | 2.85434 (19051016) |         |            |           |
| 393702.05  | 3814747.86         | 2.94203 | (19051016) | 393713.14 |
| 3814726.49 | 3.09031 (19123024) |         |            |           |
| 393747.72  | 3814699.89         | 3.10385 | (16122124) | 393771.23 |
| 3814694.66 | 2.53485 (16012024) |         |            |           |
| 393794.73  | 3814689.43         | 2.24742 | (16012024) | 393818.23 |
| 3814684.20 | 2.10078 (18120708) |         |            |           |
| 393841.73  | 3814678.98         | 2.28161 | (18120708) | 393865.23 |
| 3814673.75 | 2.64955 (18120708) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393888.73  | 3814668.52 | 3.23232    | (18120708) | 393912.23 |
| 3814663.30 | 3.30647    | (18120708) |            |           |
| 393935.73  | 3814658.07 | 3.00292    | (20040924) | 393959.24 |
| 3814652.84 | 3.17221    | (20040924) |            |           |
| 393982.74  | 3814647.61 | 3.45442    | (20122324) | 394006.24 |
| 3814642.39 | 3.89852    | (20122324) |            |           |
| 394029.74  | 3814637.16 | 4.45563    | (20122324) | 394053.24 |
| 3814631.93 | 4.83835    | (20122324) |            |           |
| 394076.74  | 3814626.70 | 5.12419    | (19120524) | 394100.24 |
| 3814621.48 | 5.50585    | (19120524) |            |           |
| 394123.75  | 3814616.25 | 5.68891    | (19120524) | 394147.25 |
| 3814611.02 | 6.31220    | (16010224) |            |           |
| 394170.75  | 3814605.80 | 9.68049    | (16010224) | 394194.25 |
| 3814600.57 | 13.39007   | (16010224) |            |           |
| 394217.75  | 3814595.34 | 15.17416   | (16010224) | 394241.25 |
| 3814590.11 | 20.54384   | (17102724) |            |           |
| 394264.75  | 3814584.89 | 25.90704   | (19020708) | 394288.25 |
| 3814579.66 | 24.16833   | (19020708) |            |           |
| 394311.76  | 3814574.43 | 17.21169   | (19012924) | 394335.26 |
| 3814569.20 | 14.66163   | (18111924) |            |           |
| 394358.76  | 3814563.98 | 14.96767   | (18111924) | 394382.26 |
| 3814558.75 | 15.10512   | (20031208) |            |           |
| 394405.76  | 3814553.52 | 14.00065   | (19011624) | 394429.26 |
| 3814548.30 | 13.25827   | (19011624) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1068

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394452.76   | 3814543.07  | 16.77934c  | (18022508) | 394476.26   |
| 3814537.84  | 21.69393c   | (18022508) |            |             |
| 394499.77   | 3814532.61  | 24.03817c  | (18022508) | 394523.27   |
| 3814527.39  | 22.45418    | (16010224) |            |             |



|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3814516.93 | 394546.77 | 3814522.16 | 26.15684   | (16010224) | 394570.27 |
|            |           | 26.33491   | (16010224) |            |           |
|            | 394593.77 | 3814511.70 | 29.40380   | (17012524) | 394617.27 |
| 3814506.48 |           | 31.06268   | (17012524) |            |           |
|            | 394640.77 | 3814501.25 | 30.73215   | (16122608) | 394664.28 |
| 3814496.02 |           | 29.80357   | (17121824) |            |           |
|            | 394687.78 | 3814490.80 | 30.60888   | (17121824) | 394711.28 |
| 3814485.57 |           | 27.17475   | (17121824) |            |           |
|            | 394734.78 | 3814480.34 | 24.57720   | (16012124) | 394758.28 |
| 3814475.11 |           | 28.91434   | (17122408) |            |           |
|            | 394781.78 | 3814469.89 | 30.80490   | (17122408) | 394805.28 |
| 3814464.66 |           | 28.47726   | (17122408) |            |           |
|            | 394828.78 | 3814459.43 | 29.02981   | (18061208) | 394852.29 |
| 3814454.20 |           | 30.35396   | (18061208) |            |           |
|            | 394875.79 | 3814448.98 | 27.77035   | (20113008) | 394899.29 |
| 3814443.75 |           | 26.95767   | (20113008) |            |           |
|            | 394922.79 | 3814438.52 | 27.21907   | (16010224) | 394946.29 |
| 3814433.30 |           | 29.99568   | (16010224) |            |           |
|            | 394969.79 | 3814428.07 | 28.94356   | (16010224) | 394993.29 |
| 3814422.84 |           | 27.18953   | (16120408) |            |           |
|            | 395016.80 | 3814417.61 | 29.86247   | (16120408) | 395040.30 |
| 3814412.39 |           | 28.85255   | (16120408) |            |           |
|            | 395063.80 | 3814407.16 | 25.19991c  | (17011624) | 395087.30 |
| 3814401.93 |           | 22.96111c  | (17011624) |            |           |
|            | 395110.80 | 3814396.70 | 21.89200   | (17031708) | 395134.30 |
| 3814391.48 |           | 24.05127   | (16022408) |            |           |
|            | 395157.80 | 3814386.25 | 28.39670   | (16022408) | 395181.30 |
| 3814381.02 |           | 30.84530   | (16022408) |            |           |
|            | 395204.81 | 3814375.80 | 31.35284   | (16022408) | 395228.31 |
| 3814370.57 |           | 30.30942   | (16022408) |            |           |
|            | 393003.61 | 3816094.24 | 3.21294    | (19121624) | 393002.60 |
| 3816118.45 |           | 3.21391    | (19121624) |            |           |
|            | 393001.58 | 3816142.66 | 3.17706    | (19121624) | 393000.57 |
| 3816166.86 |           | 3.10099    | (19121624) |            |           |
|            | 392999.56 | 3816191.07 | 3.03194    | (17012716) | 392998.54 |
| 3816215.28 |           | 3.03896    | (17012716) |            |           |
|            | 392997.53 | 3816239.48 | 2.98905    | (17012716) | 392515.07 |
| 3816052.07 |           | 3.07002    | (19121624) |            |           |
|            | 392526.10 | 3816030.81 | 3.05065    | (19121624) | 392537.13 |
| 3816009.55 |           | 3.00945    | (19121624) |            |           |
|            | 392548.16 | 3815988.29 | 2.93084    | (19121624) | 392559.19 |
| 3815967.03 |           | 2.82417    | (19121624) |            |           |
|            | 392570.22 | 3815945.77 | 2.67716    | (19121624) | 392581.25 |
| 3815924.51 |           | 2.52304    | (18111116) |            |           |
|            | 392592.28 | 3815903.25 | 2.47274    | (18111116) | 392603.30 |
| 3815881.99 |           | 2.37966    | (18111116) |            |           |
|            | 392614.33 | 3815860.73 | 2.24815    | (18111116) | 392625.36 |
| 3815839.47 |           | 2.12896    | (20122316) |            |           |
|            | 392636.39 | 3815818.21 | 2.12446    | (20122316) | 392647.42 |
| 3815796.95 |           | 2.07955    | (20122316) |            |           |

|                                                                                |                    |         |            |           |
|--------------------------------------------------------------------------------|--------------------|---------|------------|-----------|
| 392658.45                                                                      | 3815775.69         | 2.03194 | (19103008) | 392669.48 |
| 3815754.43                                                                     | 2.20582 (19103008) |         |            |           |
| 392680.50                                                                      | 3815733.17         | 2.36978 | (19103008) | 392691.53 |
| 3815711.91                                                                     | 2.53176 (19103008) |         |            |           |
| 392702.56                                                                      | 3815690.65         | 2.66292 | (19103008) | 392713.59 |
| 3815669.39                                                                     | 2.74388 (19103008) |         |            |           |
| 392724.62                                                                      | 3815648.13         | 2.78063 | (19103008) | 392735.65 |
| 3815626.87                                                                     | 2.77902 (19103008) |         |            |           |
| 392746.68                                                                      | 3815605.61         | 2.73547 | (19103008) | 392757.70 |
| 3815584.35                                                                     | 2.63579 (19103008) |         |            |           |
| 392768.73                                                                      | 3815563.09         | 2.67208 | (19101016) | 392779.76 |
| 3815541.83                                                                     | 2.69240 (19101016) |         |            |           |
| 392790.79                                                                      | 3815520.57         | 2.65748 | (19101016) | 392801.82 |
| 3815499.31                                                                     | 2.54840 (19101016) |         |            |           |
| 392812.85                                                                      | 3815478.05         | 2.37264 | (19101016) | 392823.88 |
| 3815456.79                                                                     | 2.15987 (19101016) |         |            |           |
| 392834.90                                                                      | 3815435.53         | 2.03509 | (18030516) | 392845.93 |
| 3815414.27                                                                     | 1.97446 (18030516) |         |            |           |
| 392856.96                                                                      | 3815393.01         | 1.93529 | (19012216) | 392867.99 |
| 3815371.75                                                                     | 1.95056 (19012216) |         |            |           |
| 392879.02                                                                      | 3815350.49         | 1.93204 | (19012216) | 392890.05 |
| 3815329.24                                                                     | 1.88313 (19101116) |         |            |           |
| 392901.08                                                                      | 3815307.98         | 1.80015 | (19101116) | 392912.10 |
| 3815286.72                                                                     | 1.69171 (18032716) |         |            |           |
| 392923.13                                                                      | 3815265.46         | 1.68340 | (18032716) | 392934.16 |
| 3815244.20                                                                     | 1.75526 (19121716) |         |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume Study |                    |         |            |           |
| *** 02/10/26                                                                   |                    |         |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study                   |                    |         |            |           |
| *** 17:54:19                                                                   |                    |         |            |           |

PAGE 1069

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392945.19   | 3815222.94  | 1.99590    | (19121716) | 392956.22   |
| 3815201.68  | 2.21464     | (19121716) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392967.25  | 3815180.42         | 2.39736 | (19121716) | 392978.28 |
| 3815159.16 | 2.54057 (19121716) |         |            |           |
| 392989.30  | 3815137.90         | 2.63243 | (19121716) | 393000.33 |
| 3815116.64 | 2.66715 (19121716) |         |            |           |
| 393011.36  | 3815095.38         | 2.64441 | (19121716) | 393022.39 |
| 3815074.12 | 2.56982 (19121716) |         |            |           |
| 393033.42  | 3815052.86         | 2.44655 | (19121716) | 393044.45 |
| 3815031.60 | 2.28699 (19121716) |         |            |           |
| 393055.48  | 3815010.34         | 2.15537 | (20020416) | 393066.51 |
| 3814989.08 | 2.07913 (20020416) |         |            |           |
| 393077.53  | 3814967.82         | 1.96426 | (20020416) | 393088.56 |
| 3814946.56 | 1.84777 (20020416) |         |            |           |
| 393099.59  | 3814925.30         | 1.71992 | (20020416) | 393110.62 |
| 3814904.04 | 1.58918 (20020416) |         |            |           |
| 393121.65  | 3814882.78         | 1.50472 | (16120216) | 393132.68 |
| 3814861.52 | 1.73029 (16120216) |         |            |           |
| 393143.71  | 3814840.26         | 2.00512 | (16120216) | 393154.73 |
| 3814819.00 | 2.30755 (16120216) |         |            |           |
| 393165.76  | 3814797.74         | 2.58596 | (16120216) | 393176.79 |
| 3814776.48 | 2.95187 (17012524) |         |            |           |
| 393187.82  | 3814755.22         | 3.80948 | (19011508) | 393198.85 |
| 3814733.96 | 5.53440 (19011508) |         |            |           |
| 393209.88  | 3814712.70         | 6.59388 | (19011508) | 393220.91 |
| 3814691.44 | 6.72939 (19011508) |         |            |           |
| 393231.93  | 3814670.18         | 6.03836 | (19011508) | 393242.96 |
| 3814648.92 | 4.74788 (19011508) |         |            |           |
| 393253.99  | 3814627.66         | 3.20704 | (19011508) | 393265.02 |
| 3814606.40 | 2.59593 (17092524) |         |            |           |
| 393276.05  | 3814585.14         | 2.18663 | (17092524) | 393287.08 |
| 3814563.88 | 1.95036 (20060816) |         |            |           |
| 393298.11  | 3814542.62         | 1.83690 | (20060816) | 393309.13 |
| 3814521.36 | 1.72184 (20060816) |         |            |           |
| 393320.16  | 3814500.10         | 1.74205 | (19051016) | 393331.19 |
| 3814478.84 | 1.81972 (19051016) |         |            |           |
| 393342.22  | 3814457.58         | 1.87059 | (19051016) | 393353.25 |
| 3814436.32 | 1.90550 (19051016) |         |            |           |
| 393364.28  | 3814415.06         | 1.94817 | (19051016) | 393375.31 |
| 3814393.80 | 1.95026 (19051016) |         |            |           |
| 393386.33  | 3814372.54         | 1.93921 | (19051016) | 393397.36 |
| 3814351.28 | 1.91618 (19051016) |         |            |           |
| 393408.39  | 3814330.02         | 1.85729 | (19051016) | 393442.80 |
| 3814303.56 | 1.62541 (19051016) |         |            |           |
| 393466.18  | 3814298.36         | 1.50022 | (19051016) | 393489.56 |
| 3814293.16 | 1.37433 (19051016) |         |            |           |
| 393512.94  | 3814287.96         | 1.26784 | (20021016) | 393536.31 |
| 3814282.76 | 1.26945 (20021016) |         |            |           |
| 393559.69  | 3814277.56         | 1.25473 | (20021016) | 393583.07 |
| 3814272.36 | 1.30405 (19092416) |         |            |           |
| 393606.45  | 3814267.16         | 1.37593 | (19092416) | 393629.83 |
| 3814261.96 | 1.44569 (19092416) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393653.21  | 3814256.76 | 1.50618    | (19092416) | 393676.59 |
| 3814251.56 | 1.56590    | (19092416) |            |           |
| 393699.97  | 3814246.36 | 1.62920    | (19092416) | 393723.35 |
| 3814241.16 | 1.67579    | (19092416) |            |           |
| 393746.72  | 3814235.96 | 1.70642    | (19092416) | 393770.10 |
| 3814230.76 | 1.75314    | (20122324) |            |           |
| 393793.48  | 3814225.56 | 1.99963    | (20122324) | 393816.86 |
| 3814220.36 | 2.19428    | (20122324) |            |           |
| 393840.24  | 3814215.16 | 2.33841    | (20122324) | 393863.62 |
| 3814209.96 | 2.47167    | (20122324) |            |           |
| 393887.00  | 3814204.76 | 2.53324    | (20122324) | 393910.38 |
| 3814199.56 | 2.51821    | (20122324) |            |           |
| 393933.76  | 3814194.36 | 2.47285    | (19120524) | 393957.13 |
| 3814189.16 | 2.90740    | (19120524) |            |           |
| 393980.51  | 3814183.96 | 3.22131    | (19120524) | 394003.89 |
| 3814178.76 | 3.24599    | (19011924) |            |           |
| 394027.27  | 3814173.56 | 3.28029    | (19011924) | 394050.65 |
| 3814168.36 | 3.35212    | (20013024) |            |           |
| 394074.03  | 3814163.16 | 3.84948    | (20013024) | 394097.41 |
| 3814157.96 | 4.38666    | (20013024) |            |           |
| 394120.79  | 3814152.76 | 4.95696    | (20041424) | 394144.17 |
| 3814147.56 | 7.17858    | (19020708) |            |           |
| 394167.54  | 3814142.36 | 9.02275    | (19020708) | 394190.92 |
| 3814137.16 | 9.82210    | (19012924) |            |           |
| 394214.30  | 3814131.96 | 9.86585    | (18111924) | 394237.68 |
| 3814126.76 | 10.90128   | (18111924) |            |           |
| 394261.06  | 3814121.56 | 13.61308   | (20031208) | 394284.44 |
| 3814116.36 | 15.85688   | (20031208) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1070

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                      |          |            |           |
|------------|----------------------|----------|------------|-----------|
| 394307.82  | 3814111.16           | 17.74592 | (16102924) | 394331.20 |
| 3814105.96 | 23.76682 (16102924)  |          |            |           |
| 394354.58  | 3814100.76           | 24.33580 | (16102924) | 394377.95 |
| 3814095.56 | 24.26725 (16040124)  |          |            |           |
| 394401.33  | 3814090.36           | 24.17008 | (16040124) | 394424.71 |
| 3814085.16 | 21.76179 (16040124)  |          |            |           |
| 394448.09  | 3814079.96           | 21.88787 | (16010224) | 394471.47 |
| 3814074.76 | 20.99642 (16010224)  |          |            |           |
| 394494.85  | 3814069.56           | 16.06507 | (16010224) | 394518.23 |
| 3814064.36 | 13.95276 (17012524)  |          |            |           |
| 394541.61  | 3814059.16           | 18.36182 | (16122608) | 394564.99 |
| 3814053.96 | 23.09400 (16122608)  |          |            |           |
| 394588.36  | 3814048.76           | 23.74077 | (16122608) | 394611.74 |
| 3814043.56 | 23.37798 (17121824)  |          |            |           |
| 394635.12  | 3814038.36           | 24.30259 | (17121824) | 394658.50 |
| 3814033.16 | 22.88497 (17121824)  |          |            |           |
| 394681.88  | 3814027.96           | 19.53269 | (17121824) | 394705.26 |
| 3814022.76 | 19.41806 (16012124)  |          |            |           |
| 394728.64  | 3814017.56           | 22.66232 | (17122408) | 394752.02 |
| 3814012.36 | 24.21142 (17122408)  |          |            |           |
| 394775.40  | 3814007.16           | 23.48961 | (17122408) | 394798.77 |
| 3814001.96 | 20.76115 (18061208)  |          |            |           |
| 394822.15  | 3813996.76           | 23.36242 | (18061208) | 394845.53 |
| 3813991.56 | 23.93713 (18061208)  |          |            |           |
| 394868.91  | 3813986.36           | 22.34952 | (18061208) | 394892.29 |
| 3813981.16 | 21.70309 (20113008)  |          |            |           |
| 394915.67  | 3813975.96           | 19.92620 | (20113008) | 394939.05 |
| 3813970.76 | 22.10983 (16010224)  |          |            |           |
| 394962.43  | 3813965.56           | 23.61883 | (16010224) | 394985.81 |
| 3813960.36 | 23.06009 (16010224)  |          |            |           |
| 395009.18  | 3813955.16           | 20.60313 | (16010224) | 395032.56 |
| 3813949.96 | 22.60418 (16120408)  |          |            |           |
| 395055.94  | 3813944.76           | 23.52291 | (16120408) | 395079.32 |
| 3813939.56 | 22.45268 (16120408)  |          |            |           |
| 395102.70  | 3813934.36           | 19.68205 | (16120408) | 395126.08 |
| 3813929.16 | 18.48270c (17011624) |          |            |           |
| 395149.46  | 3813923.96           | 17.21009 | (20031108) | 395172.84 |
| 3813918.76 | 17.43717 (17031708)  |          |            |           |
| 395196.22  | 3813913.56           | 18.87320 | (16022408) | 395219.59 |
| 3813908.36 | 21.62216 (16022408)  |          |            |           |
| 395242.97  | 3813903.16           | 23.37556 | (16022408) | 395266.35 |
| 3813897.96 | 24.07737 (16022408)  |          |            |           |
| 395289.73  | 3813892.76           | 23.87129 | (16022408) | 395313.11 |
| 3813887.56 | 22.98344 (16022408)  |          |            |           |
| 392504.05  | 3816073.33           | 3.07094  | (19121624) | 392503.03 |
| 3816097.54 | 3.03698 (19121624)   |          |            |           |
| 392502.02  | 3816121.74           | 2.98652  | (19121624) | 392501.01 |
| 3816145.95 | 2.92560 (19121624)   |          |            |           |
| 392499.99  | 3816170.16           | 2.86163  | (19121624) | 392498.98 |
| 3816194.36 | 2.79960 (19121624)   |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392497.97  | 3816218.57         | 3.07148 | (16121824) | 392015.59 |
| 3816031.02 | 5.23796 (20102624) |         |            |           |
| 392026.69  | 3816009.62         | 4.33698 | (20102624) | 392037.79 |
| 3815988.22 | 3.59041 (19121624) |         |            |           |
| 392048.89  | 3815966.82         | 3.57832 | (19121624) | 392059.99 |
| 3815945.42 | 3.54517 (19121624) |         |            |           |
| 392071.09  | 3815924.02         | 3.47379 | (19121624) | 392082.19 |
| 3815902.62 | 3.36920 (19121624) |         |            |           |
| 392093.29  | 3815881.22         | 3.23680 | (19121624) | 392104.40 |
| 3815859.82 | 3.07759 (19121624) |         |            |           |
| 392115.50  | 3815838.42         | 2.89030 | (19121624) | 392126.60 |
| 3815817.02 | 2.68748 (19121624) |         |            |           |
| 392137.70  | 3815795.62         | 2.47312 | (19121624) | 392148.80 |
| 3815774.22 | 2.31564 (18111116) |         |            |           |
| 392159.90  | 3815752.82         | 2.19359 | (18111116) | 392171.00 |
| 3815731.42 | 2.05143 (20122316) |         |            |           |
| 392182.11  | 3815710.02         | 2.04935 | (20122316) | 392193.21 |
| 3815688.62 | 2.02559 (20122316) |         |            |           |
| 392204.31  | 3815667.22         | 1.95862 | (20122316) | 392215.41 |
| 3815645.82 | 1.93833 (19103008) |         |            |           |
| 392226.51  | 3815624.42         | 2.05880 | (19103008) | 392237.61 |
| 3815603.02 | 2.16854 (19103008) |         |            |           |
| 392248.71  | 3815581.62         | 2.26158 | (19103008) | 392259.81 |
| 3815560.22 | 2.33492 (19103008) |         |            |           |
| 392270.92  | 3815538.82         | 2.37069 | (19103008) | 392282.02 |
| 3815517.42 | 2.40049 (19103008) |         |            |           |
| 392293.12  | 3815496.02         | 2.43388 | (19103008) | 392304.22 |
| 3815474.62 | 2.43341 (19103008) |         |            |           |
| 392315.32  | 3815453.22         | 2.38224 | (19103008) | 392326.42 |
| 3815431.82 | 2.29735 (19103008) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1071

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392337.52  | 3815410.42         | 2.20514 | (19103008) | 392348.63 |
| 3815389.02 | 2.18919 (19101016) |         |            |           |
| 392359.73  | 3815367.61         | 2.17011 | (19101016) | 392370.83 |
| 3815346.21 | 2.12958 (19101016) |         |            |           |
| 392381.93  | 3815324.81         | 2.06410 | (19101016) | 392393.03 |
| 3815303.41 | 1.97187 (19101016) |         |            |           |
| 392404.13  | 3815282.01         | 1.85362 | (19101016) | 392415.23 |
| 3815260.61 | 1.70992 (19101016) |         |            |           |
| 392426.34  | 3815239.21         | 1.67590 | (18030516) | 392437.44 |
| 3815217.81 | 1.63982 (18030516) |         |            |           |
| 392448.54  | 3815196.41         | 1.63664 | (19012216) | 392459.64 |
| 3815175.01 | 1.66174 (19012216) |         |            |           |
| 392470.74  | 3815153.61         | 1.66285 | (19012216) | 392481.84 |
| 3815132.21 | 1.63898 (19012216) |         |            |           |
| 392492.94  | 3815110.81         | 1.59377 | (19012216) | 392504.04 |
| 3815089.41 | 1.52832 (19012216) |         |            |           |
| 392515.15  | 3815068.01         | 1.44121 | (19012216) | 392526.25 |
| 3815046.61 | 1.36473 (18032716) |         |            |           |
| 392537.35  | 3815025.21         | 1.35227 | (18032716) | 392548.45 |
| 3815003.81 | 1.48503 (19121716) |         |            |           |
| 392559.55  | 3814982.41         | 1.65223 | (19121716) | 392570.65 |
| 3814961.01 | 1.80481 (19121716) |         |            |           |
| 392581.75  | 3814939.61         | 1.93094 | (19121716) | 392592.86 |
| 3814918.21 | 2.02198 (19121716) |         |            |           |
| 392603.96  | 3814896.81         | 2.10170 | (19121716) | 392615.06 |
| 3814875.41 | 2.16032 (19121716) |         |            |           |
| 392626.16  | 3814854.01         | 2.18426 | (19121716) | 392637.26 |
| 3814832.61 | 2.17334 (19121716) |         |            |           |
| 392648.36  | 3814811.21         | 2.13217 | (19121716) | 392659.46 |
| 3814789.81 | 2.07165 (19121716) |         |            |           |
| 392670.56  | 3814768.41         | 1.98654 | (19121716) | 392681.67 |
| 3814747.01 | 1.87945 (19121716) |         |            |           |
| 392692.77  | 3814725.61         | 1.80431 | (20020416) | 392703.87 |
| 3814704.21 | 1.76414 (20020416) |         |            |           |
| 392714.97  | 3814682.81         | 1.70823 | (20020416) | 392726.07 |
| 3814661.41 | 1.64517 (20020416) |         |            |           |
| 392737.17  | 3814640.01         | 1.56289 | (20020416) | 392748.27 |
| 3814618.61 | 1.46143 (20020416) |         |            |           |
| 392759.38  | 3814597.21         | 1.35143 | (20020416) | 392770.48 |
| 3814575.81 | 1.26850 (18112616) |         |            |           |
| 392781.58  | 3814554.41         | 1.35833 | (16120216) | 392792.68 |
| 3814533.01 | 1.46981 (16120216) |         |            |           |
| 392803.78  | 3814511.61         | 1.57504 | (16120216) | 392814.88 |
| 3814490.21 | 1.66947 (16120216) |         |            |           |
| 392825.98  | 3814468.81         | 1.75074 | (16120216) | 392837.08 |
| 3814447.41 | 1.81615 (16120216) |         |            |           |
| 392848.19  | 3814426.01         | 1.86150 | (16120216) | 392859.29 |
| 3814404.61 | 1.87827 (16120216) |         |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392870.39  | 3814383.21          | 1.87351  | (16120216) | 392881.49 |
| 3814361.81 | 1.84086 (16120216)  |          |            |           |
| 392892.59  | 3814340.41          | 1.77718  | (16120216) | 392903.69 |
| 3814319.01 | 1.68879 (16120216)  |          |            |           |
| 392914.79  | 3814297.61          | 1.67095  | (16122616) | 392925.90 |
| 3814276.21 | 1.72265 (16122616)  |          |            |           |
| 392937.00  | 3814254.81          | 1.86874  | (17092524) | 392948.10 |
| 3814233.41 | 2.16709 (17092524)  |          |            |           |
| 392959.20  | 3814212.01          | 2.50319  | (17092524) | 392970.30 |
| 3814190.61 | 2.76848 (17092524)  |          |            |           |
| 392981.40  | 3814169.21          | 2.86973  | (17092524) | 392992.50 |
| 3814147.81 | 3.01167 (17092524)  |          |            |           |
| 393003.60  | 3814126.41          | 3.07357  | (17092524) | 393014.71 |
| 3814105.01 | 3.19610 (17012824)  |          |            |           |
| 393025.81  | 3814083.61          | 3.63715  | (17012824) | 393036.91 |
| 3814062.21 | 4.19536 (16122124)  |          |            |           |
| 393048.01  | 3814040.81          | 5.65922  | (16122124) | 393059.11 |
| 3814019.41 | 6.82265 (16122124)  |          |            |           |
| 393070.21  | 3813998.01          | 7.04366  | (16122124) | 393081.31 |
| 3813976.61 | 6.39593 (16122124)  |          |            |           |
| 393092.42  | 3813955.21          | 5.83819  | (16122124) | 393103.52 |
| 3813933.81 | 5.71897 (16122124)  |          |            |           |
| 393138.15  | 3813907.17          | 6.26776  | (16122124) | 393161.68 |
| 3813901.94 | 5.91727 (16122124)  |          |            |           |
| 393185.22  | 3813896.70          | 5.36979  | (16122124) | 393208.75 |
| 3813891.47 | 4.35665 (16122124)  |          |            |           |
| 393232.28  | 3813886.24          | 4.33274  | (19120524) | 393255.82 |
| 3813881.00 | 4.80335 (16011708)  |          |            |           |
| 393279.35  | 3813875.77          | 6.76031  | (16011708) | 393302.88 |
| 3813870.53 | 9.24833 (16011708)  |          |            |           |
| 393326.42  | 3813865.30          | 11.64971 | (16011708) | 393349.95 |
| 3813860.06 | 12.96308 (16011708) |          |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1072

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*



| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 393373.48   | 3813854.83          | 13.92421   | (16011708) | 393397.02   |
| 3813849.60  | 13.40040 (16011708) |            |            |             |
| 393420.55   | 3813844.36          | 11.46244   | (16011708) | 393444.08   |
| 3813839.13  | 8.18826 (16011708)  |            |            |             |
| 393467.61   | 3813833.89          | 5.37703    | (16011708) | 393491.15   |
| 3813828.66  | 3.40995 (16112024)  |            |            |             |
| 393514.68   | 3813823.42          | 2.96680    | (20040924) | 393538.21   |
| 3813818.19  | 2.53529 (20040924)  |            |            |             |
| 393561.75   | 3813812.96          | 2.14100    | (20122324) | 393585.28   |
| 3813807.72  | 2.08436 (20122324)  |            |            |             |
| 393608.81   | 3813802.49          | 2.06480    | (20122324) | 393632.35   |
| 3813797.25  | 1.98959 (20122324)  |            |            |             |
| 393655.88   | 3813792.02          | 1.87302    | (20122324) | 393679.41   |
| 3813786.78  | 1.79639 (20122324)  |            |            |             |
| 393702.95   | 3813781.55          | 1.76659    | (20122324) | 393726.48   |
| 3813776.31  | 1.76283 (20122324)  |            |            |             |
| 393750.01   | 3813771.08          | 1.76594    | (20122324) | 393773.54   |
| 3813765.85  | 1.70801 (19120524)  |            |            |             |
| 393797.08   | 3813760.61          | 1.75275    | (19120524) | 393820.61   |
| 3813755.38  | 1.75911 (19120524)  |            |            |             |
| 393844.14   | 3813750.14          | 1.82847    | (19011924) | 393867.68   |
| 3813744.91  | 1.89958 (19011924)  |            |            |             |
| 393891.21   | 3813739.67          | 1.97693    | (20013024) | 393914.74   |
| 3813734.44  | 2.25867 (20013024)  |            |            |             |
| 393938.28   | 3813729.21          | 2.69984    | (20013024) | 393961.81   |
| 3813723.97  | 3.27025 (20013024)  |            |            |             |
| 393985.34   | 3813718.74          | 3.91582    | (20041424) | 394008.88   |
| 3813713.50  | 4.89013 (19020708)  |            |            |             |
| 394032.41   | 3813708.27          | 5.25430    | (19020708) | 394055.94   |
| 3813703.03  | 5.90893 (19012924)  |            |            |             |
| 394079.47   | 3813697.80          | 7.20296    | (17021124) | 394103.01   |
| 3813692.57  | 9.49918 (17021124)  |            |            |             |
| 394126.54   | 3813687.33          | 12.28701   | (17021124) | 394150.07   |
| 3813682.10  | 15.31844 (20031208) |            |            |             |
| 394173.61   | 3813676.86          | 15.36499   | (20031208) | 394197.14   |
| 3813671.63  | 13.83814 (16102924) |            |            |             |
| 394220.67   | 3813666.39          | 15.39773   | (16102924) | 394244.21   |
| 3813661.16  | 16.64155 (16102924) |            |            |             |
| 394267.74   | 3813655.92          | 17.36470   | (16102924) | 394291.27   |
| 3813650.69  | 19.18110 (16040124) |            |            |             |
| 394314.81   | 3813645.46          | 19.42163   | (16040124) | 394338.34   |
| 3813640.22  | 17.53784 (16040124) |            |            |             |
| 394361.87   | 3813634.99          | 17.52340   | (16010224) | 394385.41   |
| 3813629.75  | 18.51274 (16010224) |            |            |             |
| 394408.94   | 3813624.52          | 18.14805   | (16010224) | 394432.47   |
| 3813619.28  | 16.50882 (16010224) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394456.00  | 3813614.05 | 18.64419   | (17012524) | 394479.54 |
| 3813608.82 | 19.85321   | (17012524) |            |           |
| 394503.07  | 3813603.58 | 19.62469   | (17012524) | 394526.60 |
| 3813598.35 | 19.08979   | (16122608) |            |           |
| 394550.14  | 3813593.11 | 17.81555   | (16122608) | 394573.67 |
| 3813587.88 | 14.09199   | (16122608) |            |           |
| 394597.20  | 3813582.64 | 11.71924   | (17121824) | 394620.74 |
| 3813577.41 | 10.38876   | (17121824) |            |           |
| 394644.27  | 3813572.18 | 10.29595   | (16012124) | 394667.80 |
| 3813566.94 | 12.19009   | (16012124) |            |           |
| 394691.34  | 3813561.71 | 13.76617   | (17122408) | 394714.87 |
| 3813556.47 | 15.57028   | (17122408) |            |           |
| 394738.40  | 3813551.24 | 15.60963   | (17122408) | 394761.93 |
| 3813546.00 | 14.58717   | (16122824) |            |           |
| 394785.47  | 3813540.77 | 15.80030   | (16122824) | 394809.00 |
| 3813535.54 | 16.64876   | (18061208) |            |           |
| 394832.53  | 3813530.30 | 18.02528   | (18061208) | 394856.07 |
| 3813525.07 | 17.28716   | (18061208) |            |           |
| 394879.60  | 3813519.83 | 17.34984   | (20113008) | 394903.13 |
| 3813514.60 | 17.27029   | (20113008) |            |           |
| 394926.67  | 3813509.36 | 15.76345   | (16010224) | 394950.20 |
| 3813504.13 | 17.95819   | (16010224) |            |           |
| 394973.73  | 3813498.89 | 19.12249   | (16010224) | 394997.27 |
| 3813493.66 | 19.04668   | (16010224) |            |           |
| 395020.80  | 3813488.43 | 17.75850   | (16010224) | 395044.33 |
| 3813483.19 | 17.11337   | (16120408) |            |           |
| 395067.86  | 3813477.96 | 18.67133   | (16120408) | 395091.40 |
| 3813472.72 | 19.09386   | (16120408) |            |           |
| 395114.93  | 3813467.49 | 18.31618   | (16120408) | 395138.46 |
| 3813462.25 | 16.49500   | (16120408) |            |           |
| 395162.00  | 3813457.02 | 15.30264c  | (17011624) | 395185.53 |
| 3813451.79 | 14.01254c  | (17011624) |            |           |
| 395209.06  | 3813446.55 | 13.74220   | (20031108) | 395232.60 |
| 3813441.32 | 14.19543   | (17031708) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1073

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 395256.13   | 3813436.08          | 15.13044   | (16022408) | 395279.66   |
| 3813430.85  | 17.06979 (16022408) |            |            |             |
| 395303.20   | 3813425.61          | 18.42263   | (16022408) | 395326.73   |
| 3813420.38  | 19.13675 (16022408) |            |            |             |
| 395350.26   | 3813415.15          | 19.26387   | (16022408) | 395373.79   |
| 3813409.91  | 18.91842 (16022408) |            |            |             |
| 395397.33   | 3813404.68          | 18.22493   | (16022408) | 395420.86   |
| 3813399.44  | 18.22844 (16010908) |            |            |             |
| 392004.48   | 3816052.42          | 5.90744    | (20102624) | 392003.47   |
| 3816076.63  | 7.54382 (16012224)  |            |            |             |
| 392002.46   | 3816100.83          | 9.07704    | (17122424) | 392001.44   |
| 3816125.04  | 10.59887 (17122424) |            |            |             |
| 392000.43   | 3816149.25          | 12.42283   | (20122524) | 391999.42   |
| 3816173.45  | 13.23519 (20122524) |            |            |             |
| 391998.40   | 3816197.66          | 12.98309   | (16060408) | 391516.07   |
| 3816010.01  | 2.71005 (17012708)  |            |            |             |
| 391527.23   | 3815988.51          | 2.54392    | (17012708) | 391538.38   |
| 3815967.01  | 2.59246 (19121624)  |            |            |             |
| 391549.53   | 3815945.51          | 2.62131    | (19121624) | 391560.69   |
| 3815924.01  | 2.66176 (19121624)  |            |            |             |
| 391571.84   | 3815902.51          | 2.69660    | (19121624) | 391582.99   |
| 3815881.01  | 2.70789 (19121624)  |            |            |             |
| 391594.15   | 3815859.51          | 2.71654    | (19121624) | 391605.30   |
| 3815838.01  | 2.71115 (19121624)  |            |            |             |
| 391616.45   | 3815816.51          | 2.69173    | (19121624) | 391627.60   |
| 3815795.01  | 2.68618 (19121624)  |            |            |             |
| 391638.76   | 3815773.51          | 2.69397    | (19121624) | 391649.91   |
| 3815752.01  | 2.71767 (19121624)  |            |            |             |
| 391661.06   | 3815730.51          | 2.89978    | (19111624) | 391672.22   |
| 3815709.01  | 3.46972 (19111624)  |            |            |             |
| 391683.37   | 3815687.51          | 3.63739    | (18031124) | 391694.52   |
| 3815666.01  | 3.60527 (19012208)  |            |            |             |
| 391705.67   | 3815644.51          | 3.48288    | (19012208) | 391716.83   |
| 3815623.01  | 3.15919 (19012208)  |            |            |             |
| 391727.98   | 3815601.51          | 2.66276    | (19012208) | 391739.13   |
| 3815580.01  | 2.32079 (19012208)  |            |            |             |
| 391750.29   | 3815558.52          | 2.20758    | (19101108) | 391761.44   |
| 3815537.02  | 2.43975 (19101108)  |            |            |             |
| 391772.59   | 3815515.52          | 2.57555    | (19091724) | 391783.75   |
| 3815494.02  | 2.62474 (18012724)  |            |            |             |
| 391794.90   | 3815472.52          | 2.52106    | (18012724) | 391806.05   |
| 3815451.02  | 2.40985 (18012724)  |            |            |             |
| 391817.20   | 3815429.52          | 2.34544    | (19103008) | 391828.36   |
| 3815408.02  | 2.40102 (19103008)  |            |            |             |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 391839.51  | 3815386.52         | 2.46925  | (19103008) | 391850.66 |
| 3815365.02 | 2.53408 (19103008) |          |            |           |
| 391861.82  | 3815343.52         | 2.58571  | (19103008) | 391872.97 |
| 3815322.02 | 2.61388 (19103008) |          |            |           |
| 391884.12  | 3815300.52         | 2.61172  | (19103008) | 391895.27 |
| 3815279.02 | 2.60319 (19103008) |          |            |           |
| 391906.43  | 3815257.52         | 2.60137  | (19103008) | 391917.58 |
| 3815236.02 | 2.56311 (19103008) |          |            |           |
| 391928.73  | 3815214.52         | 2.56087m | (20031608) | 391939.89 |
| 3815193.02 | 2.38634 (19101016) |          |            |           |
| 391951.04  | 3815171.52         | 2.27127  | (19101016) | 391962.19 |
| 3815150.02 | 2.13084 (19101016) |          |            |           |
| 391973.35  | 3815128.52         | 1.97669  | (19101016) | 391984.50 |
| 3815107.02 | 1.80390 (19101016) |          |            |           |
| 391995.65  | 3815085.52         | 1.64347  | (19101016) | 392006.80 |
| 3815064.02 | 1.52364 (18030516) |          |            |           |
| 392017.96  | 3815042.53         | 1.44553  | (18030516) | 392029.11 |
| 3815021.03 | 1.38611 (18030516) |          |            |           |
| 392040.26  | 3814999.53         | 1.38340  | (19012216) | 392051.42 |
| 3814978.03 | 1.40802 (19012216) |          |            |           |
| 392062.57  | 3814956.53         | 1.41906  | (19012216) | 392073.72 |
| 3814935.03 | 1.41443 (19012216) |          |            |           |
| 392084.87  | 3814913.53         | 1.39305  | (19012216) | 392096.03 |
| 3814892.03 | 1.35489 (19012216) |          |            |           |
| 392107.18  | 3814870.53         | 1.30135  | (19012216) | 392118.33 |
| 3814849.03 | 1.23477 (19012216) |          |            |           |
| 392129.49  | 3814827.53         | 1.16109  | (19012216) | 392140.64 |
| 3814806.03 | 1.11105 (18032716) |          |            |           |
| 392151.79  | 3814784.53         | 1.12637  | (19121716) | 392162.95 |
| 3814763.03 | 1.24757 (19121716) |          |            |           |
| 392174.10  | 3814741.53         | 1.36821  | (19121716) | 392185.25 |
| 3814720.03 | 1.48052 (19121716) |          |            |           |
| 392196.40  | 3814698.53         | 1.57710  | (19121716) | 392207.56 |
| 3814677.03 | 1.65285 (19121716) |          |            |           |
| 392218.71  | 3814655.53         | 1.71753  | (19121716) | 392229.86 |
| 3814634.03 | 1.77441 (19121716) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1074

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|---------|------------|-------------|
| -----       |             |                     |            |         |            |             |
| 3814591.03  | 392241.02   | 3814612.53          |            | 1.82448 | (19121716) | 392252.17   |
|             |             | 1.86915             | (19121716) |         |            |             |
| 3814548.03  | 392263.32   | 3814569.53          |            | 1.88764 | (19121716) | 392274.47   |
|             |             | 1.87426             | (19121716) |         |            |             |
| 3814505.04  | 392285.63   | 3814526.54          |            | 1.82798 | (19121716) | 392296.78   |
|             |             | 1.76232             | (19121716) |         |            |             |
| 3814462.04  | 392307.93   | 3814483.54          |            | 1.69155 | (19121716) | 392319.09   |
|             |             | 1.59708             | (19121716) |         |            |             |
| 3814419.04  | 392330.24   | 3814440.54          |            | 1.54211 | (20020416) | 392341.39   |
|             |             | 1.50816             | (20020416) |         |            |             |
| 3814376.04  | 392352.55   | 3814397.54          |            | 1.46594 | (20020416) | 392363.70   |
|             |             | 1.41371             | (20020416) |         |            |             |
| 3814333.04  | 392374.85   | 3814354.54          |            | 1.36108 | (20020416) | 392386.00   |
|             |             | 1.28989             | (20020416) |         |            |             |
| 3814290.04  | 392397.16   | 3814311.54          |            | 1.21175 | (20020416) | 392408.31   |
|             |             | 1.12982             | (20020416) |         |            |             |
| 3814247.04  | 392419.46   | 3814268.54          |            | 1.11646 | (18112616) | 392430.62   |
|             |             | 1.12858             | (16120216) |         |            |             |
| 3814204.04  | 392441.77   | 3814225.54          |            | 1.21272 | (16120216) | 392452.92   |
|             |             | 1.29363             | (16120216) |         |            |             |
| 3814161.04  | 392464.08   | 3814182.54          |            | 1.36840 | (16120216) | 392475.23   |
|             |             | 1.43479             | (16120216) |         |            |             |
| 3814118.04  | 392486.38   | 3814139.54          |            | 1.49072 | (16120216) | 392497.53   |
|             |             | 1.53374             | (16120216) |         |            |             |
| 3814075.04  | 392508.69   | 3814096.54          |            | 1.56237 | (16120216) | 392519.84   |
|             |             | 1.57570             | (16120216) |         |            |             |
| 3814032.04  | 392530.99   | 3814053.54          |            | 1.56994 | (16120216) | 392542.15   |
|             |             | 1.54473             | (16120216) |         |            |             |
| 3813989.05  | 392553.30   | 3814010.55          |            | 1.50321 | (16120216) | 392564.45   |
|             |             | 1.66149             | (19011508) |         |            |             |
| 3813946.05  | 392575.60   | 3813967.55          |            | 1.77064 | (19011508) | 392586.76   |
|             |             | 1.81145             | (19011508) |         |            |             |
| 3813903.05  | 392597.91   | 3813924.55          |            | 1.80629 | (19011508) | 392609.06   |
|             |             | 1.80762             | (17092524) |         |            |             |
| 3813860.05  | 392620.22   | 3813881.55          |            | 2.02192 | (17092524) | 392631.37   |
|             |             | 2.22741             | (17092524) |         |            |             |
| 3813817.05  | 392642.52   | 3813838.55          |            | 2.41299 | (17092524) | 392653.68   |
|             |             | 2.56729             | (17092524) |         |            |             |
| 3813774.05  | 392664.83   | 3813795.55          |            | 2.69351 | (17092524) | 392675.98   |
|             |             | 2.81916             | (17092524) |         |            |             |
| 3813731.05  | 392687.13   | 3813752.55          |            | 2.99561 | (17092524) | 392698.29   |
|             |             | 3.14584             | (17092524) |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392709.44  | 3813709.55 | 3.91508    | (16110424) | 392720.59 |
| 3813688.05 | 5.65684    | (16110424) |            |           |
| 392731.75  | 3813666.55 | 6.81138    | (16110424) | 392742.90 |
| 3813645.05 | 7.24563c   | (18121424) |            |           |
| 392754.05  | 3813623.55 | 7.94928    | (16122124) | 392765.20 |
| 3813602.05 | 8.68767    | (16122124) |            |           |
| 392776.36  | 3813580.55 | 9.58644    | (16122124) | 392787.51 |
| 3813559.05 | 10.89506   | (16122124) |            |           |
| 392798.66  | 3813537.55 | 12.02270   | (16122124) | 392833.46 |
| 3813510.80 | 12.82670   | (16122124) |            |           |
| 392857.10  | 3813505.54 | 12.05574   | (16122124) | 392880.74 |
| 3813500.28 | 10.77944   | (16122124) |            |           |
| 392904.39  | 3813495.02 | 10.03446   | (17021608) | 392928.03 |
| 3813489.76 | 11.50613   | (17021608) |            |           |
| 392951.67  | 3813484.50 | 11.28689   | (17021608) | 392975.31 |
| 3813479.24 | 10.23771   | (17021608) |            |           |
| 392998.96  | 3813473.99 | 10.51365   | (16011708) | 393022.60 |
| 3813468.73 | 13.19408   | (16011708) |            |           |
| 393046.24  | 3813463.47 | 15.87748   | (16011708) | 393069.88 |
| 3813458.21 | 18.31364   | (16011708) |            |           |
| 393093.53  | 3813452.95 | 20.23824   | (16011708) | 393117.17 |
| 3813447.69 | 21.41561   | (16011708) |            |           |
| 393140.81  | 3813442.43 | 21.68905   | (16011708) | 393164.45 |
| 3813437.17 | 21.01175   | (16011708) |            |           |
| 393188.10  | 3813431.92 | 19.45964   | (16011708) | 393211.74 |
| 3813426.66 | 17.21848   | (16011708) |            |           |
| 393235.38  | 3813421.40 | 14.54646   | (16011708) | 393259.02 |
| 3813416.14 | 11.72538   | (16011708) |            |           |
| 393282.67  | 3813410.88 | 10.58041   | (18092724) | 393306.31 |
| 3813405.62 | 11.41127   | (20021208) |            |           |
| 393329.95  | 3813400.36 | 12.09237   | (20021208) | 393353.59 |
| 3813395.11 | 12.17495   | (20021208) |            |           |
| 393377.24  | 3813389.85 | 13.18218   | (20013024) | 393400.88 |
| 3813384.59 | 13.25449   | (20013024) |            |           |
| 393424.52  | 3813379.33 | 12.54068m  | (18120924) | 393448.16 |
| 3813374.07 | 11.50365m  | (18120924) |            |           |
| 393471.81  | 3813368.81 | 9.86069m   | (18120924) | 393495.45 |
| 3813363.55 | 7.97170m   | (18120924) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1075

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|---------------------|----------------|------------|--------------------|--|
| **          |                     |                |            |                    |  |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |                    |  |
| -----       |                     |                |            |                    |  |
| 393519.09   | 3813358.29          | 6.30845        | (18120308) | 393542.73          |  |
| 3813353.04  | 4.59021 (18120308)  |                |            |                    |  |
| 393566.38   | 3813347.78          | 3.72547        | (19120524) | 393590.02          |  |
| 3813342.52  | 3.20942 (19120524)  |                |            |                    |  |
| 393613.66   | 3813337.26          | 2.82804        | (19120524) | 393637.30          |  |
| 3813332.00  | 2.47716 (19120524)  |                |            |                    |  |
| 393660.95   | 3813326.74          | 2.26312        | (19011924) | 393684.59          |  |
| 3813321.48  | 2.40819 (19011924)  |                |            |                    |  |
| 393708.23   | 3813316.23          | 2.21107        | (19011924) | 393731.87          |  |
| 3813310.97  | 1.88147 (20013024)  |                |            |                    |  |
| 393755.52   | 3813305.71          | 1.79912        | (20013024) | 393779.16          |  |
| 3813300.45  | 1.73300 (20013024)  |                |            |                    |  |
| 393802.80   | 3813295.19          | 1.61920        | (20013024) | 393826.44          |  |
| 3813289.93  | 1.59214 (20041424)  |                |            |                    |  |
| 393850.09   | 3813284.67          | 1.62788        | (20041424) | 393873.73          |  |
| 3813279.41  | 1.65769 (20041424)  |                |            |                    |  |
| 393897.37   | 3813274.16          | 1.70964        | (20041424) | 393921.01          |  |
| 3813268.90  | 1.77709 (20041424)  |                |            |                    |  |
| 393944.66   | 3813263.64          | 1.82432        | (20041424) | 393968.30          |  |
| 3813258.38  | 1.91604 (18120624)  |                |            |                    |  |
| 393991.94   | 3813253.12          | 2.21280        | (18120624) | 394015.58          |  |
| 3813247.86  | 2.48562 (18120624)  |                |            |                    |  |
| 394039.23   | 3813242.60          | 2.64238        | (18120624) | 394062.87          |  |
| 3813237.34  | 2.73373 (18120624)  |                |            |                    |  |
| 394086.51   | 3813232.09          | 2.78820        | (18120624) | 394110.15          |  |
| 3813226.83  | 2.80332 (18120624)  |                |            |                    |  |
| 394133.80   | 3813221.57          | 2.79537        | (18120624) | 394157.44          |  |
| 3813216.31  | 3.24687m (20120124) |                |            |                    |  |
| 394181.08   | 3813211.05          | 3.89815c       | (18022508) | 394204.72          |  |
| 3813205.79  | 4.28831c (18022508) |                |            |                    |  |
| 394228.36   | 3813200.53          | 4.13271c       | (18022508) | 394252.01          |  |
| 3813195.28  | 3.65604c (18022508) |                |            |                    |  |
| 394275.65   | 3813190.02          | 3.46055        | (19102224) | 394299.29          |  |
| 3813184.76  | 3.51551 (19102224)  |                |            |                    |  |
| 394322.93   | 3813179.50          | 3.59154        | (19102224) | 394346.58          |  |
| 3813174.24  | 3.73960 (16010224)  |                |            |                    |  |
| 394370.22   | 3813168.98          | 4.62184        | (16122608) | 394393.86          |  |
| 3813163.72  | 5.54748 (16122608)  |                |            |                    |  |
| 394417.50   | 3813158.46          | 6.44681        | (16122608) | 394441.15          |  |
| 3813153.21  | 7.22773 (16122608)  |                |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394464.79  | 3813147.95 | 7.78534    | (16122608) | 394488.43 |
| 3813142.69 | 7.94199    | (16122608) |            |           |
| 394512.07  | 3813137.43 | 7.57062    | (16122608) | 394535.72 |
| 3813132.17 | 7.01686    | (16122608) |            |           |
| 394559.36  | 3813126.91 | 7.07526    | (17121824) | 394583.00 |
| 3813121.65 | 7.16720    | (17121824) |            |           |
| 394606.64  | 3813116.40 | 7.21471    | (16012124) | 394630.29 |
| 3813111.14 | 8.12014    | (16012124) |            |           |
| 394653.93  | 3813105.88 | 8.63118    | (16012124) | 394677.57 |
| 3813100.62 | 9.62657    | (17122408) |            |           |
| 394701.21  | 3813095.36 | 10.69080   | (17122408) | 394724.86 |
| 3813090.10 | 11.27257   | (17122408) |            |           |
| 394748.50  | 3813084.84 | 11.67237   | (16122824) | 394772.14 |
| 3813079.58 | 12.33803   | (16122824) |            |           |
| 394795.78  | 3813074.33 | 12.39797   | (16122824) | 394819.43 |
| 3813069.07 | 13.45766   | (18061208) |            |           |
| 394843.07  | 3813063.81 | 13.87381   | (18061208) | 394866.71 |
| 3813058.55 | 13.89834   | (20113008) |            |           |
| 394890.35  | 3813053.29 | 14.47477   | (20113008) | 394914.00 |
| 3813048.03 | 14.17810   | (20113008) |            |           |
| 394937.64  | 3813042.77 | 13.47051   | (16010224) | 394961.28 |
| 3813037.52 | 15.06268   | (16010224) |            |           |
| 394984.92  | 3813032.26 | 15.98579   | (16010224) | 395008.57 |
| 3813027.00 | 16.11002   | (16010224) |            |           |
| 395032.21  | 3813021.74 | 15.42410   | (16010224) | 395055.85 |
| 3813016.48 | 14.03671   | (16010224) |            |           |
| 395079.49  | 3813011.22 | 14.86629   | (16120408) | 395103.14 |
| 3813005.96 | 15.81616   | (16120408) |            |           |
| 395126.78  | 3813000.70 | 16.00618   | (16120408) | 395150.42 |
| 3812995.45 | 15.41747   | (16120408) |            |           |
| 395174.06  | 3812990.19 | 14.14186   | (16120408) | 395197.71 |
| 3812984.93 | 12.94732c  | (17011624) |            |           |
| 395221.35  | 3812979.67 | 12.23253c  | (17011624) | 395244.99 |
| 3812974.41 | 11.63026   | (20031108) |            |           |
| 395268.63  | 3812969.15 | 11.32971   | (17031708) | 395292.28 |
| 3812963.89 | 11.91702   | (17031708) |            |           |
| 395315.92  | 3812958.64 | 12.55152   | (16022408) | 395339.56 |
| 3812953.38 | 13.99180   | (16022408) |            |           |
| 395363.20  | 3812948.12 | 15.05892   | (16022408) | 395386.85 |
| 3812942.86 | 15.71266   | (16022408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1076

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*



INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395410.49   | 3812937.60  | 15.96782   | (16022408) | 395434.13   |
| 3812932.34  | 15.88227    | (16022408) |            |             |
| 395457.77   | 3812927.08  | 15.53229   | (16022408) | 395481.42   |
| 3812921.82  | 15.15716    | (16010908) |            |             |
| 395505.06   | 3812916.57  | 15.29977   | (16010908) | 391504.92   |
| 3816031.51  | 2.83843     | (17012708) |            |             |
| 391503.91   | 3816055.71  | 3.06143    | (20020408) | 391502.89   |
| 3816079.92  | 3.43883     | (20020408) |            |             |
| 391501.88   | 3816104.13  | 3.78868    | (20020408) | 391500.87   |
| 3816128.33  | 4.08333     | (20020408) |            |             |
| 391499.85   | 3816152.54  | 4.29704    | (20020408) | 391498.84   |
| 3816176.75  | 4.33860     | (20020408) |            |             |
| 391016.47   | 3815989.18  | 1.52185    | (19121624) | 391027.58   |
| 3815967.77  | 1.53588     | (19121624) |            |             |
| 391038.68   | 3815946.35  | 1.57444    | (19121624) | 391049.79   |
| 3815924.94  | 1.60685     | (19121624) |            |             |
| 391060.90   | 3815903.52  | 1.62272    | (19121624) | 391072.01   |
| 3815882.11  | 1.63811     | (19121624) |            |             |
| 391083.12   | 3815860.70  | 1.66665    | (19121624) | 391094.23   |
| 3815839.28  | 1.69511     | (19121624) |            |             |
| 391105.34   | 3815817.87  | 1.71634    | (19121624) | 391116.44   |
| 3815796.45  | 1.72510     | (19121624) |            |             |
| 391127.55   | 3815775.04  | 1.73165    | (19121624) | 391138.66   |
| 3815753.63  | 1.73390     | (19121624) |            |             |
| 391149.77   | 3815732.21  | 1.73369    | (19121624) | 391160.88   |
| 3815710.80  | 1.72707     | (19121624) |            |             |
| 391171.99   | 3815689.38  | 1.71109    | (19121624) | 391183.10   |
| 3815667.97  | 1.68504     | (19121624) |            |             |
| 391194.20   | 3815646.56  | 1.64242    | (19121624) | 391205.31   |
| 3815625.14  | 1.58164     | (19121624) |            |             |
| 391216.42   | 3815603.73  | 1.50328    | (19121624) | 391227.53   |
| 3815582.31  | 1.41782     | (19121624) |            |             |
| 391238.64   | 3815560.90  | 1.36034    | (18111116) | 391249.75   |
| 3815539.49  | 1.31816     | (18111116) |            |             |
| 391260.86   | 3815518.07  | 1.26441    | (18111116) | 391271.96   |
| 3815496.66  | 1.23642     | (20122316) |            |             |
| 391283.07   | 3815475.24  | 1.24254    | (20122316) | 391294.18   |
| 3815453.83  | 1.23724     | (20122316) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391305.29  | 3815432.41         | 1.22071 | (20122316) | 391316.40 |
| 3815411.00 | 1.19230 (20122316) |         |            |           |
| 391327.51  | 3815389.59         | 1.18806 | (19103008) | 391338.62 |
| 3815368.17 | 1.25953 (19103008) |         |            |           |
| 391349.72  | 3815346.76         | 1.32831 | (19103008) | 391360.83 |
| 3815325.34 | 1.39186 (19103008) |         |            |           |
| 391371.94  | 3815303.93         | 1.45179 | (19103008) | 391383.05 |
| 3815282.52 | 1.50530 (19103008) |         |            |           |
| 391394.16  | 3815261.10         | 1.55117 | (19103008) | 391405.27 |
| 3815239.69 | 1.58782 (19103008) |         |            |           |
| 391416.38  | 3815218.27         | 1.61548 | (19103008) | 391427.48 |
| 3815196.86 | 1.63373 (19103008) |         |            |           |
| 391438.59  | 3815175.45         | 1.64716 | (19103008) | 391449.70 |
| 3815154.03 | 1.65081 (19103008) |         |            |           |
| 391460.81  | 3815132.62         | 1.64216 | (19103008) | 391471.92 |
| 3815111.20 | 1.60924 (19103008) |         |            |           |
| 391483.03  | 3815089.79         | 1.56357 | (19103008) | 391494.14 |
| 3815068.38 | 1.51431 (19103008) |         |            |           |
| 391505.24  | 3815046.96         | 1.50008 | (19101016) | 391516.35 |
| 3815025.55 | 1.50421 (19101016) |         |            |           |
| 391527.46  | 3815004.13         | 1.49592 | (19101016) | 391538.57 |
| 3814982.72 | 1.47396 (19101016) |         |            |           |
| 391549.68  | 3814961.31         | 1.43766 | (19101016) | 391560.79 |
| 3814939.89 | 1.38907 (19101016) |         |            |           |
| 391571.90  | 3814918.48         | 1.32960 | (19101016) | 391583.00 |
| 3814897.06 | 1.25911 (19101016) |         |            |           |
| 391594.11  | 3814875.65         | 1.19950 | (18030516) | 391605.22 |
| 3814854.24 | 1.19126 (18030516) |         |            |           |
| 391616.33  | 3814832.82         | 1.17459 | (18030516) | 391627.44 |
| 3814811.41 | 1.16678 (19012216) |         |            |           |
| 391638.55  | 3814789.99         | 1.19348 | (19012216) | 391649.66 |
| 3814768.58 | 1.21115 (19012216) |         |            |           |
| 391660.76  | 3814747.17         | 1.21743 | (19012216) | 391671.87 |
| 3814725.75 | 1.21198 (19012216) |         |            |           |
| 391682.98  | 3814704.34         | 1.19454 | (19012216) | 391694.09 |
| 3814682.92 | 1.16788 (19012216) |         |            |           |
| 391705.20  | 3814661.51         | 1.13256 | (19012216) | 391716.31 |
| 3814640.10 | 1.08875 (19012216) |         |            |           |
| 391727.42  | 3814618.68         | 1.03643 | (19012216) | 391738.52 |
| 3814597.27 | 0.97640 (19012216) |         |            |           |
| 391749.63  | 3814575.85         | 0.92243 | (18032716) | 391760.74 |
| 3814554.44 | 0.92692 (19121716) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391771.85   | 3814533.03  | 1.01775    | (19121716) | 391782.96   |
| 3814511.61  | 1.10621     | (19121716) |            |             |
| 391794.07   | 3814490.20  | 1.19230    | (19121716) | 391805.18   |
| 3814468.78  | 1.28195     | (19121716) |            |             |
| 391816.28   | 3814447.37  | 1.37338    | (19121716) | 391827.39   |
| 3814425.96  | 1.47162     | (19121716) |            |             |
| 391838.50   | 3814404.54  | 1.53573    | (19121716) | 391849.61   |
| 3814383.13  | 1.57609     | (19121716) |            |             |
| 391860.72   | 3814361.71  | 1.59790    | (19121716) | 391871.83   |
| 3814340.30  | 1.60064     | (19121716) |            |             |
| 391882.94   | 3814318.89  | 1.59744    | (19121716) | 391894.04   |
| 3814297.47  | 1.58907     | (19121716) |            |             |
| 391905.15   | 3814276.06  | 1.57139    | (19121716) | 391916.26   |
| 3814254.64  | 1.54100     | (19121716) |            |             |
| 391927.37   | 3814233.23  | 1.49916    | (19121716) | 391938.48   |
| 3814211.82  | 1.44896     | (19121716) |            |             |
| 391949.59   | 3814190.40  | 1.38917    | (19121716) | 391960.70   |
| 3814168.99  | 1.32766     | (20020416) |            |             |
| 391971.80   | 3814147.57  | 1.31487    | (20020416) | 391982.91   |
| 3814126.16  | 1.29396     | (20020416) |            |             |
| 391994.02   | 3814104.75  | 1.26636    | (20020416) | 392005.13   |
| 3814083.33  | 1.23284     | (20020416) |            |             |
| 392016.24   | 3814061.92  | 1.19179    | (20020416) | 392027.35   |
| 3814040.50  | 1.14473     | (20020416) |            |             |
| 392038.45   | 3814019.09  | 1.14099    | (18122824) | 392049.56   |
| 3813997.68  | 1.14792     | (18122824) |            |             |
| 392060.67   | 3813976.26  | 1.13262    | (18122824) | 392071.78   |
| 3813954.85  | 1.11538     | (18030624) |            |             |
| 392082.89   | 3813933.43  | 1.19453    | (17012524) | 392094.00   |
| 3813912.02  | 1.32188     | (17012524) |            |             |
| 392105.11   | 3813890.61  | 1.45053    | (17012524) | 392116.21   |
| 3813869.19  | 1.57893     | (17012524) |            |             |
| 392127.32   | 3813847.78  | 1.71070    | (17012524) | 392138.43   |
| 3813826.36  | 1.83786     | (17012524) |            |             |
| 392149.54   | 3813804.95  | 1.94915    | (17012524) | 392160.65   |
| 3813783.54  | 2.05009     | (17012524) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392858.24   | 3813041.14  | 17.74631   | (16011708) | 392881.79   |
| 3813035.90  | 18.40021    | (16011708) |            |             |
| 392905.34   | 3813030.66  | 18.42980   | (16011708) | 392928.89   |
| 3813025.42  | 17.82512    | (16011708) |            |             |
| 392952.43   | 3813020.18  | 16.64153   | (16011708) | 392975.98   |
| 3813014.95  | 14.99017    | (16011708) |            |             |
| 392999.53   | 3813009.71  | 13.02152   | (16011708) | 393023.08   |
| 3813004.47  | 10.90344    | (16011708) |            |             |
| 393046.63   | 3812999.23  | 9.58722    | (18092724) | 393070.18   |
| 3812994.00  | 9.05096     | (20021208) |            |             |
| 393093.72   | 3812988.76  | 9.86733    | (20021208) | 393117.27   |
| 3812983.52  | 10.33620    | (20021208) |            |             |
| 393140.82   | 3812978.28  | 10.39952   | (20021208) | 393164.37   |
| 3812973.04  | 11.07832    | (20013024) |            |             |
| 393187.92   | 3812967.81  | 11.62177   | (20013024) | 393211.47   |
| 3812962.57  | 12.07025m   | (18120924) |            |             |
| 393235.01   | 3812957.33  | 13.03890m  | (18120924) | 393258.56   |
| 3812952.09  | 13.51428m   | (18120924) |            |             |
| 393282.11   | 3812946.86  | 13.43468m  | (18120924) | 393305.66   |
| 3812941.62  | 13.68012    | (18120308) |            |             |
| 393329.21   | 3812936.38  | 14.07881   | (18120308) | 393352.76   |
| 3812931.14  | 13.51505    | (18120308) |            |             |
| 393376.30   | 3812925.91  | 13.12827   | (18120308) | 393399.85   |
| 3812920.67  | 12.34523    | (20010224) |            |             |
| 393423.40   | 3812915.43  | 12.90092   | (17123108) | 393446.95   |
| 3812910.19  | 13.62594    | (17123108) |            |             |
| 393470.50   | 3812904.95  | 13.78208   | (17123108) | 393494.05   |
| 3812899.72  | 13.34642    | (17123108) |            |             |
| 393517.59   | 3812894.48  | 12.37140   | (17123108) | 393541.14   |
| 3812889.24  | 11.77546    | (17102724) |            |             |
| 393564.69   | 3812884.00  | 12.73911   | (17102724) | 393588.24   |
| 3812878.77  | 13.18737    | (17102724) |            |             |
| 393611.79   | 3812873.53  | 13.06026   | (17102724) | 393635.34   |
| 3812868.29  | 12.37174    | (17102724) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393658.88  | 3812863.05 | 11.81628   | (19020708) | 393682.43 |
| 3812857.81 | 13.07077   | (19020708) |            |           |
| 393705.98  | 3812852.58 | 13.82582   | (19020708) | 393729.53 |
| 3812847.34 | 13.98266   | (19020708) |            |           |
| 393753.08  | 3812842.10 | 13.51857   | (19020708) | 393776.63 |
| 3812836.86 | 12.49250   | (19020708) |            |           |
| 393800.18  | 3812831.63 | 12.88483   | (17021124) | 393823.72 |
| 3812826.39 | 11.55370   | (17021124) |            |           |
| 393847.27  | 3812821.15 | 9.14635    | (17021124) | 393870.82 |
| 3812815.91 | 6.84931    | (17021124) |            |           |
| 393894.37  | 3812810.67 | 4.97304    | (20031208) | 393917.92 |
| 3812805.44 | 3.69840    | (20031208) |            |           |
| 393941.47  | 3812800.20 | 2.81107    | (20031208) | 393965.01 |
| 3812794.96 | 2.59013    | (18120624) |            |           |
| 393988.56  | 3812789.72 | 2.50367    | (18120624) | 394012.11 |
| 3812784.49 | 2.36289    | (18120624) |            |           |
| 394035.66  | 3812779.25 | 2.16671    | (18120624) | 394059.21 |
| 3812774.01 | 1.94735    | (18120624) |            |           |
| 394082.76  | 3812768.77 | 1.80438    | (18120624) | 394106.30 |
| 3812763.54 | 1.74870    | (18110124) |            |           |
| 394129.85  | 3812758.30 | 1.97284    | (19102224) | 394153.40 |
| 3812753.06 | 2.23699    | (19102224) |            |           |
| 394176.95  | 3812747.82 | 2.47879    | (19102224) | 394200.50 |
| 3812742.58 | 2.66301    | (19102224) |            |           |
| 394224.05  | 3812737.35 | 2.81031    | (19102224) | 394247.59 |
| 3812732.11 | 2.97770    | (19102224) |            |           |
| 394271.14  | 3812726.87 | 2.94323    | (16010224) | 394294.69 |
| 3812721.63 | 3.04471    | (16122608) |            |           |
| 394318.24  | 3812716.40 | 3.02235    | (16122608) | 394341.79 |
| 3812711.16 | 3.03080    | (16122608) |            |           |
| 394365.34  | 3812705.92 | 3.07800    | (16122608) | 394388.88 |
| 3812700.68 | 3.16019    | (16122608) |            |           |
| 394412.43  | 3812695.44 | 3.86717    | (16122608) | 394435.98 |
| 3812690.21 | 5.03543    | (16122608) |            |           |
| 394459.53  | 3812684.97 | 5.77297    | (16122608) | 394483.08 |
| 3812679.73 | 5.86956    | (16122608) |            |           |
| 394506.63  | 3812674.49 | 6.43161    | (17121824) | 394530.17 |
| 3812669.26 | 7.36347    | (17121824) |            |           |
| 394553.72  | 3812664.02 | 7.92312    | (17121824) | 394577.27 |
| 3812658.78 | 8.80910    | (16012124) |            |           |
| 394600.82  | 3812653.54 | 10.33217   | (16012124) | 394624.37 |
| 3812648.30 | 11.53172   | (17122408) |            |           |
| 394647.92  | 3812643.07 | 13.47281   | (17122408) | 394671.47 |
| 3812637.83 | 14.09183   | (17122408) |            |           |
| 394695.01  | 3812632.59 | 14.11118   | (17122408) | 394718.56 |
| 3812627.35 | 13.53172   | (17122408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394742.11   | 3812622.12  | 12.42915   | (17122408) | 394765.66   |
| 3812616.88  | 12.82859    | (18061208) |            |             |
| 394789.21   | 3812611.64  | 12.33549   | (18061208) | 394812.76   |
| 3812606.40  | 10.93562    | (18061208) |            |             |
| 394836.30   | 3812601.17  | 9.46263    | (18061208) | 394859.85   |
| 3812595.93  | 8.80010     | (20113008) |            |             |
| 394883.40   | 3812590.69  | 8.99421    | (20113008) | 394906.95   |
| 3812585.45  | 9.30758     | (20113008) |            |             |
| 394930.50   | 3812580.21  | 9.14619    | (20113008) | 394954.05   |
| 3812574.98  | 9.43880     | (16010224) |            |             |
| 394977.59   | 3812569.74  | 10.73841   | (16010224) | 395001.14   |
| 3812564.50  | 11.65007    | (16010224) |            |             |
| 395024.69   | 3812559.26  | 11.99290   | (16010224) | 395048.24   |
| 3812554.03  | 11.79479    | (16010224) |            |             |
| 395071.79   | 3812548.79  | 11.26112   | (16010224) | 395095.34   |
| 3812543.55  | 11.35695    | (16120408) |            |             |
| 395118.88   | 3812538.31  | 11.99454   | (16120408) | 395142.43   |
| 3812533.07  | 12.16620    | (16120408) |            |             |
| 395165.98   | 3812527.84  | 12.74380   | (16120408) | 395189.53   |
| 3812522.60  | 12.49250    | (16120408) |            |             |
| 395213.08   | 3812517.36  | 11.71580   | (16120408) | 395236.63   |
| 3812512.12  | 11.07782c   | (17011624) |            |             |
| 395260.17   | 3812506.89  | 10.63213c  | (17011624) | 395283.72   |
| 3812501.65  | 9.89363     | (20031108) |            |             |
| 395307.27   | 3812496.41  | 9.85877    | (20031108) | 395330.82   |
| 3812491.17  | 9.87572     | (17031708) |            |             |
| 395354.37   | 3812485.93  | 10.21767   | (17031708) | 395377.92   |
| 3812480.70  | 10.75503    | (16022408) |            |             |
| 395401.46   | 3812475.46  | 11.83348   | (16022408) | 395425.01   |
| 3812470.22  | 12.66164    | (16022408) |            |             |
| 395448.56   | 3812464.98  | 13.21182   | (16022408) | 395472.11   |
| 3812459.75  | 13.48781    | (16022408) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395495.66  | 3812454.51          | 13.51895 | (16022408) | 395519.21 |
| 3812449.27 | 13.35025 (16022408) |          |            |           |
| 395542.75  | 3812444.03          | 13.03004 | (16022408) | 395566.30 |
| 3812438.80 | 12.99707 (16010908) |          |            |           |
| 395589.85  | 3812433.56          | 13.09608 | (16010908) | 395613.40 |
| 3812428.32 | 12.75748 (16010908) |          |            |           |
| 391005.36  | 3816010.59          | 1.51946  | (19121624) | 391004.35 |
| 3816034.80 | 1.64566 (17012708)  |          |            |           |
| 391003.33  | 3816059.01          | 1.80636  | (20020408) | 391002.32 |
| 3816083.21 | 1.88916 (20020408)  |          |            |           |
| 391001.31  | 3816107.42          | 1.88754  | (16121824) | 391000.29 |
| 3816131.63 | 1.92071 (16121824)  |          |            |           |
| 390999.28  | 3816155.83          | 2.00622  | (16121824) | 389684.35 |
| 3815933.32 | 0.95729 (16121824)  |          |            |           |
| 389695.50  | 3815911.82          | 0.92493  | (19121624) | 389706.66 |
| 3815890.32 | 0.93482 (19121624)  |          |            |           |
| 389717.81  | 3815868.81          | 0.94618  | (19121624) | 389728.97 |
| 3815847.31 | 0.95881 (19121624)  |          |            |           |
| 389740.12  | 3815825.81          | 0.96955  | (19121624) | 389751.28 |
| 3815804.30 | 0.98264 (19121624)  |          |            |           |
| 389762.43  | 3815782.80          | 0.99682  | (19121624) | 389773.59 |
| 3815761.30 | 1.01217 (19121624)  |          |            |           |
| 389784.74  | 3815739.80          | 1.02757  | (19121624) | 389795.90 |
| 3815718.29 | 1.04620 (19121624)  |          |            |           |
| 389807.05  | 3815696.79          | 1.06574  | (19121624) | 389818.20 |
| 3815675.29 | 1.08456 (19121624)  |          |            |           |
| 389829.36  | 3815653.78          | 1.10150  | (19121624) | 389840.51 |
| 3815632.28 | 1.11708 (19121624)  |          |            |           |
| 389851.67  | 3815610.78          | 1.13070  | (19121624) | 389862.82 |
| 3815589.27 | 1.14359 (19121624)  |          |            |           |
| 389873.98  | 3815567.77          | 1.15029  | (19121624) | 389885.13 |
| 3815546.27 | 1.15388 (19121624)  |          |            |           |
| 389896.29  | 3815524.76          | 1.15496  | (19121624) | 389907.44 |
| 3815503.26 | 1.15292 (19121624)  |          |            |           |
| 389918.60  | 3815481.76          | 1.14674  | (19121624) | 389929.75 |
| 3815460.25 | 1.13532 (19121624)  |          |            |           |
| 389940.91  | 3815438.75          | 1.11772  | (19121624) | 389952.06 |
| 3815417.25 | 1.09674 (19121624)  |          |            |           |
| 389963.22  | 3815395.75          | 1.07262  | (19121624) | 389974.37 |
| 3815374.24 | 1.03998 (19121624)  |          |            |           |
| 389985.53  | 3815352.74          | 1.00335  | (19121624) | 389996.68 |
| 3815331.24 | 0.96295 (19121624)  |          |            |           |
| 390007.84  | 3815309.73          | 0.91912  | (19121624) | 390018.99 |
| 3815288.23 | 0.87245 (19121624)  |          |            |           |
| 390030.15  | 3815266.73          | 0.83939  | (18111116) | 390041.30 |
| 3815245.22 | 0.81663 (18111116)  |          |            |           |
| 390052.46  | 3815223.72          | 0.79065  | (18111116) | 390063.61 |
| 3815202.22 | 0.76771 (20122316)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26



|            | X-COORD (M) | Y-COORD (M) | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC        |         | (YYMMDDHH) |             |
|            | 390074.76   | 3815180.71  | 0.77450 | (20122316) | 390085.92   |
| 3815159.21 | 0.77768     | (20122316)  |         |            |             |
|            | 390097.07   | 3815137.71  | 0.77566 | (20122316) | 390108.23   |
| 3815116.20 | 0.76933     | (20122316)  |         |            |             |
|            | 390119.38   | 3815094.70  | 0.76265 | (16121816) | 390130.54   |
| 3815073.20 | 0.75597     | (16121816)  |         |            |             |
|            | 390141.69   | 3815051.70  | 0.74667 | (16121816) | 390152.85   |
| 3815030.19 | 0.76936     | (19103008)  |         |            |             |
|            | 390164.00   | 3815008.69  | 0.80662 | (19103008) | 390175.16   |
| 3814987.19 | 0.84251     | (19103008)  |         |            |             |
|            | 390186.31   | 3814965.68  | 0.87694 | (19103008) | 390197.47   |
| 3814944.18 | 0.91010     | (19103008)  |         |            |             |
|            | 390208.62   | 3814922.68  | 0.94129 | (19103008) | 390219.78   |
| 3814901.17 | 0.97029     | (19103008)  |         |            |             |
|            | 390230.93   | 3814879.67  | 0.99669 | (19103008) | 390242.09   |
| 3814858.17 | 1.02011     | (19103008)  |         |            |             |
|            | 390253.24   | 3814836.66  | 1.04079 | (19103008) | 390264.40   |
| 3814815.16 | 1.05790     | (19103008)  |         |            |             |
|            | 390275.55   | 3814793.66  | 1.06990 | (19103008) | 390286.71   |
| 3814772.15 | 1.07682     | (19103008)  |         |            |             |
|            | 390297.86   | 3814750.65  | 1.08094 | (19103008) | 390309.02   |
| 3814729.15 | 1.08292     | (19103008)  |         |            |             |
|            | 390320.17   | 3814707.65  | 1.07834 | (19103008) | 390331.32   |
| 3814686.14 | 1.06966     | (19103008)  |         |            |             |
|            | 390342.48   | 3814664.64  | 1.05824 | (19103008) | 390353.63   |
| 3814643.14 | 1.04373     | (19103008)  |         |            |             |
|            | 390364.79   | 3814621.63  | 1.02618 | (19103008) | 390375.94   |
| 3814600.13 | 1.00569     | (19103008)  |         |            |             |
|            | 390387.10   | 3814578.63  | 1.01030 | (19101016) | 390398.25   |
| 3814557.12 | 1.01165     | (19101016)  |         |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390409.41  | 3814535.62         | 1.00750 | (19101016) | 390420.56 |
| 3814514.12 | 0.99750 (19101016) |         |            |           |
| 390431.72  | 3814492.61         | 0.98143 | (19101016) | 390442.87 |
| 3814471.11 | 0.95983 (19101016) |         |            |           |
| 390454.03  | 3814449.61         | 0.93825 | (19101016) | 390465.18 |
| 3814428.10 | 0.91443 (19101016) |         |            |           |
| 390476.34  | 3814406.60         | 0.89263 | (19101016) | 390487.49 |
| 3814385.10 | 0.86119 (19101016) |         |            |           |
| 390498.65  | 3814363.59         | 0.84839 | (18030516) | 390509.80 |
| 3814342.09 | 0.84106 (18030516) |         |            |           |
| 390520.96  | 3814320.59         | 0.83299 | (18030516) | 390532.11 |
| 3814299.09 | 0.82571 (18030516) |         |            |           |
| 390543.27  | 3814277.58         | 0.84347 | (19012216) | 390554.42 |
| 3814256.08 | 0.85973 (19012216) |         |            |           |
| 390565.58  | 3814234.58         | 0.87523 | (19012216) | 390576.73 |
| 3814213.07 | 0.87962 (19012216) |         |            |           |
| 390587.88  | 3814191.57         | 0.87093 | (19012216) | 390599.04 |
| 3814170.07 | 0.85849 (19012216) |         |            |           |
| 390610.19  | 3814148.56         | 0.83987 | (19012216) | 390621.35 |
| 3814127.06 | 0.80890 (19012216) |         |            |           |
| 390632.50  | 3814105.56         | 0.79569 | (19012216) | 390643.66 |
| 3814084.05 | 0.78083 (19012216) |         |            |           |
| 390654.81  | 3814062.55         | 0.76444 | (19012216) | 390665.97 |
| 3814041.05 | 0.74964 (19012216) |         |            |           |
| 390677.12  | 3814019.54         | 0.72601 | (19012216) | 390688.28 |
| 3813998.04 | 0.69540 (19012216) |         |            |           |
| 390699.43  | 3813976.54         | 0.66238 | (19012216) | 390710.59 |
| 3813955.04 | 0.62662 (19012216) |         |            |           |
| 390721.74  | 3813933.53         | 0.63633 | (19121716) | 390732.90 |
| 3813912.03 | 0.68849 (19121716) |         |            |           |
| 390744.05  | 3813890.53         | 0.74261 | (19121716) | 390755.21 |
| 3813869.02 | 0.79239 (19121716) |         |            |           |
| 390766.36  | 3813847.52         | 0.83594 | (19121716) | 390777.52 |
| 3813826.02 | 0.86312 (19121716) |         |            |           |
| 390788.67  | 3813804.51         | 0.88927 | (19121716) | 390799.83 |
| 3813783.01 | 0.91761 (19121716) |         |            |           |
| 390810.98  | 3813761.51         | 0.93987 | (19121716) | 390822.14 |
| 3813740.00 | 0.96035 (19121716) |         |            |           |
| 390833.29  | 3813718.50         | 0.98233 | (19121716) | 390844.45 |
| 3813697.00 | 1.00971 (19121716) |         |            |           |
| 390855.60  | 3813675.49         | 1.03519 | (19121716) | 390866.75 |
| 3813653.99 | 1.05961 (19121716) |         |            |           |
| 390877.91  | 3813632.49         | 1.08277 | (19121716) | 390889.06 |
| 3813610.99 | 1.08654 (19121716) |         |            |           |
| 390900.22  | 3813589.48         | 1.08421 | (19121716) | 390911.37 |
| 3813567.98 | 1.07872 (19121716) |         |            |           |
| 390922.53  | 3813546.48         | 1.06097 | (19121716) | 390933.68 |
| 3813524.97 | 1.03790 (19121716) |         |            |           |
| 390944.84  | 3813503.47         | 1.00660 | (19121716) | 390955.99 |
| 3813481.97 | 0.95876 (19121716) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 1081

\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    RURAL    ADJ U\*    BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |           |
|-------------|-------------|------------|------------|-------------|-----------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |           |
| 3813438.96  | 390967.15   | 3813460.46 | 0.90882    | (19121716)  | 390978.30 |
| 3813395.95  | 390989.46   | 3813417.46 | 0.83009    | (20020416)  | 391000.61 |
| 3813352.95  | 391011.77   | 3813374.45 | 0.82688    | (20020416)  | 391022.92 |
| 3813309.94  | 391034.08   | 3813331.44 | 0.82111    | (20020416)  | 391045.23 |
| 3813266.94  | 391056.39   | 3813288.44 | 0.87223    | (18122824)  | 391067.54 |
| 3813223.93  | 391078.70   | 3813245.43 | 1.04399    | (18122824)  | 391089.85 |
| 3813180.92  | 391101.01   | 3813202.43 | 1.30717    | (18122824)  | 391112.16 |
| 3813137.92  | 391123.31   | 3813159.42 | 1.48535    | (18122824)  | 391134.47 |
| 3813094.91  | 391145.62   | 3813116.41 | 1.97412    | (16091008)  | 391156.78 |
| 3813051.90  | 391167.93   | 3813073.41 | 3.21659    | (19013108)  | 391179.09 |
| 3813008.90  | 391190.24   | 3813030.40 | 4.84730    | (19013108)  | 391201.40 |
| 3812965.89  | 391212.55   | 3812987.39 | 5.47399    | (19013108)  | 391223.71 |
| 3812922.89  | 391234.86   | 3812944.39 | 6.81410    | (19013108)  | 391246.02 |
| 3812879.88  | 391257.17   | 3812901.38 | 8.08379    | (17010808)  | 391268.33 |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391279.48  | 3812858.38         | 9.24559 | (17010808) | 391290.64 |
| 3812836.87 | 9.55567 (17010808) |         |            |           |
| 391301.79  | 3812815.37         | 9.50392 | (17010808) | 391312.95 |
| 3812793.87 | 9.22719 (17010808) |         |            |           |
| 391324.10  | 3812772.36         | 8.74660 | (17010808) | 391335.26 |
| 3812750.86 | 8.72660 (18030508) |         |            |           |
| 391346.41  | 3812729.36         | 8.64987 | (18030508) | 391357.57 |
| 3812707.85 | 8.37397 (18030508) |         |            |           |
| 391368.72  | 3812686.35         | 7.91970 | (18030508) | 391379.87 |
| 3812664.85 | 6.88909 (18030508) |         |            |           |
| 391391.03  | 3812643.34         | 6.81018 | (18010224) | 391402.18 |
| 3812621.84 | 7.61157 (18010224) |         |            |           |
| 391413.34  | 3812600.34         | 8.02242 | (18010224) | 391424.49 |
| 3812578.84 | 8.10848 (18010224) |         |            |           |
| 391435.65  | 3812557.33         | 8.71445 | (18032808) | 391446.80 |
| 3812535.83 | 9.16594 (18032808) |         |            |           |
| 391457.96  | 3812514.33         | 9.03396 | (18032808) | 391469.11 |
| 3812492.82 | 8.94239 (18032808) |         |            |           |
| 391480.27  | 3812471.32         | 8.24510 | (18032808) | 391491.42 |
| 3812449.82 | 7.34407 (18032808) |         |            |           |
| 391502.58  | 3812428.31         | 6.59850 | (18032808) | 391513.73 |
| 3812406.81 | 5.94640 (18032808) |         |            |           |
| 391524.89  | 3812385.31         | 5.48358 | (17122508) | 391536.04 |
| 3812363.80 | 5.49409 (17122508) |         |            |           |
| 391547.20  | 3812342.30         | 5.73996 | (16110424) | 391558.35 |
| 3812320.80 | 6.84351 (16110424) |         |            |           |
| 391569.51  | 3812299.29         | 7.78876 | (16110424) | 391580.66 |
| 3812277.79 | 8.51344 (16110424) |         |            |           |
| 391591.82  | 3812256.29         | 8.23252 | (16110424) | 391602.97 |
| 3812234.79 | 6.95272 (16110424) |         |            |           |
| 391614.13  | 3812213.28         | 5.47583 | (16110424) | 391625.28 |
| 3812191.78 | 4.22676 (16110424) |         |            |           |
| 391636.44  | 3812170.28         | 3.89134 | (16122124) | 391647.59 |
| 3812148.77 | 3.71026 (16122124) |         |            |           |
| 391658.74  | 3812127.27         | 3.41623 | (16122124) | 391669.90 |
| 3812105.77 | 3.45123 (16122124) |         |            |           |
| 391681.05  | 3812084.26         | 3.72670 | (16122124) | 391715.86 |
| 3812057.50 | 5.23277 (16122124) |         |            |           |
| 391739.50  | 3812052.24         | 4.58890 | (16122124) | 391763.15 |
| 3812046.98 | 3.63348 (16122124) |         |            |           |
| 391786.79  | 3812041.72         | 3.06571 | (16122124) | 391810.44 |
| 3812036.46 | 2.82292 (16122124) |         |            |           |
| 391834.09  | 3812031.20         | 2.48301 | (16122124) | 391857.73 |
| 3812025.94 | 2.19945 (16122124) |         |            |           |
| 391881.38  | 3812020.68         | 2.07719 | (16122124) | 391905.03 |
| 3812015.42 | 1.88402 (16122124) |         |            |           |
| 391928.67  | 3812010.16         | 1.76817 | (16122124) | 391952.32 |
| 3812004.91 | 1.74320 (16122124) |         |            |           |
| 391975.97  | 3811999.65         | 1.65276 | (16122124) | 391999.61 |
| 3811994.39 | 1.60379 (19120524) |         |            |           |

392023.26 3811989.13 1.56288 (19120524) 392046.90  
 3811983.87 1.55275 (16011708)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1082

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392070.55   | 3811978.61  | 1.82121    | (16011708) | 392094.20   |
| 3811973.35  | 2.02982     | (16011708) |            |             |
| 392117.84   | 3811968.09  | 2.25908    | (16011708) | 392141.49   |
| 3811962.83  | 2.35236     | (16011708) |            |             |
| 392165.14   | 3811957.57  | 2.63895    | (16011708) | 392188.78   |
| 3811952.31  | 3.05590     | (16011708) |            |             |
| 392212.43   | 3811947.05  | 3.40567    | (16011708) | 392236.08   |
| 3811941.79  | 3.64380     | (16011708) |            |             |
| 392259.72   | 3811936.53  | 3.72344    | (16011708) | 392283.37   |
| 3811931.27  | 3.69826     | (16011708) |            |             |
| 392307.01   | 3811926.01  | 3.65299    | (16011708) | 392330.66   |
| 3811920.75  | 3.57577     | (16011708) |            |             |
| 392354.31   | 3811915.49  | 3.55296    | (16011708) | 392377.95   |
| 3811910.23  | 3.46051     | (16011708) |            |             |
| 392401.60   | 3811904.97  | 3.11912    | (16011708) | 392425.25   |
| 3811899.71  | 2.70224     | (16011708) |            |             |
| 392448.89   | 3811894.45  | 2.43407    | (16112024) | 392472.54   |
| 3811889.20  | 2.64117     | (16112024) |            |             |
| 392496.19   | 3811883.94  | 2.94139    | (20021208) | 392519.83   |
| 3811878.68  | 3.35909     | (20021208) |            |             |
| 392543.48   | 3811873.42  | 3.79114    | (20021208) | 392567.12   |
| 3811868.16  | 4.14271     | (20021208) |            |             |
| 392590.77   | 3811862.90  | 4.29012    | (20021208) | 392614.42   |
| 3811857.64  | 4.69664     | (20013024) |            |             |
| 392638.06   | 3811852.38  | 5.19152    | (20013024) | 392661.71   |
| 3811847.12  | 5.50440     | (20013024) |            |             |

|            |           |                     |                     |           |
|------------|-----------|---------------------|---------------------|-----------|
| 3811836.60 | 392685.36 | 3811841.86          | 5.87913m (18120924) | 392709.00 |
| 3811826.08 | 392732.65 | 3811831.34          | 6.46483m (18120924) | 392756.30 |
| 3811815.56 | 392779.94 | 3811820.82          | 6.48935m (18120924) | 392803.59 |
| 3811805.04 | 392827.24 | 3811810.30          | 7.11484 (18120308)  | 392850.88 |
| 3811794.52 | 392874.53 | 3811799.78          | 7.47209 (18120308)  | 392898.17 |
| 3811784.00 | 392921.82 | 3811789.26          | 7.67609 (20010224)  | 392945.47 |
| 3811773.49 | 392969.11 | 3811778.75          | 8.65120 (17123108)  | 392992.76 |
| 3811762.97 | 393016.41 | 3811768.23          | 9.52833 (17123108)  | 393040.05 |
| 3811752.45 | 393063.70 | 3811757.71          | 9.05203 (17123108)  | 393087.35 |
| 3811741.93 | 393110.99 | 3811747.19          | 8.41058 (17102724)  | 393134.64 |
| 3811731.41 | 393158.28 | 3811736.67          | 9.29096 (17102724)  | 393181.93 |
| 3811720.89 | 393205.58 | 3811726.15          | 9.21307 (17102724)  | 393229.22 |
| 3811710.37 | 393252.87 | 3811715.63          | 8.19485 (17102724)  | 393276.52 |
| 3811699.85 | 393300.16 | 3811705.11          | 9.37311 (19020708)  | 393323.81 |
| 3811689.33 | 393347.46 | 3811694.59          | 9.93073 (19020708)  | 393371.10 |
| 3811678.81 | 393394.75 | 3811684.07          | 9.42645 (19020708)  | 393418.39 |
| 3811668.29 | 393442.04 | 3811673.55          | 8.84140 (17021124)  | 393465.69 |
| 3811657.78 | 393489.33 | 3811663.04          | 9.99523 (17021124)  | 393512.98 |
| 3811647.26 | 393536.63 | 3811652.52          | 10.11432 (17021124) | 393560.27 |
| 3811636.74 | 393583.92 | 3811642.00          | 9.15787 (17021124)  | 393607.57 |
| 3811626.22 | 393631.21 | 3811631.48          | 8.72749 (20031208)  | 393654.86 |
| 3811615.70 | 393678.50 | 3811620.96          | 8.23978 (16102924)  | 393702.15 |
| 3811605.18 | 393725.80 | 3811610.44          | 9.69127 (16102924)  | 393749.44 |
| 3811594.66 | 393773.09 | 3811599.92          | 10.19293 (16102924) | 393796.74 |
| 3811584.14 | 393820.38 | 3811589.40          | 9.91851 (16040124)  | 393844.03 |
|            |           | 10.18699 (16040124) |                     |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

|            | X-COORD (M) | Y-COORD (M) | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC        |         | (YYMMDDHH) |             |
| 3811552.58 | 393962.26   | 8.30763     | 8.13279 | (16010224) | 393985.91   |
| 3811542.07 | 394009.55   | 8.37597     | 8.27734 | (16010224) | 394033.20   |
| 3811531.55 | 394056.85   | 7.78685     | 8.45738 | (16010224) | 394080.49   |
| 3811521.03 | 394104.14   | 7.37584     | 6.97147 | (17012524) | 394127.79   |
| 3811510.51 | 394151.43   | 7.58825     | 7.89596 | (17012524) | 394175.08   |
| 3811499.99 | 394198.72   | 7.79302     | 7.45173 | (17012524) | 394222.37   |
| 3811489.47 | 394246.02   | 8.11067     | 7.89433 | (16122608) | 394269.66   |
| 3811478.95 | 394293.31   | 8.62807     | 8.55563 | (16122608) | 394316.96   |
| 3811468.43 | 394340.60   | 10.12759    | 9.44075 | (17121824) | 394364.25   |
| 3811457.91 | 394387.90   | 9.31965     | 9.96660 | (17121824) | 394411.54   |
| 3811447.39 | 394435.19   | 6.72310     | 8.01139 | (17121824) | 394458.83   |
| 3811436.87 | 394482.48   | 5.97360     | 6.29429 | (16012124) | 394506.13   |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3811426.36 | 394529.77 | 3811431.62 | 5.46083    | (16012124) | 394553.42 |
|            |           | 5.83619    | (17122408) |            |           |
|            | 394577.07 | 3811421.10 | 7.18599    | (17122408) | 394600.71 |
| 3811415.84 |           | 8.14051    | (17122408) |            |           |
|            | 394624.36 | 3811410.58 | 8.35141    | (17122408) | 394648.01 |
| 3811405.32 |           | 8.20337    | (17122408) |            |           |
|            | 394671.65 | 3811400.06 | 7.78337    | (17122408) | 394695.30 |
| 3811394.80 |           | 7.27101    | (16122824) |            |           |
|            | 394718.95 | 3811389.54 | 7.36178    | (16122824) | 394742.59 |
| 3811384.28 |           | 7.60837    | (18061208) |            |           |
|            | 394766.24 | 3811379.02 | 7.76593    | (18061208) | 394789.88 |
| 3811373.76 |           | 7.82643    | (18061208) |            |           |
|            | 394813.53 | 3811368.50 | 7.92991    | (18061208) | 394837.18 |
| 3811363.24 |           | 7.89452    | (18061208) |            |           |
|            | 394860.82 | 3811357.98 | 7.78021    | (20113008) | 394884.47 |
| 3811352.72 |           | 7.80156    | (20113008) |            |           |
|            | 394908.12 | 3811347.46 | 7.63424    | (20113008) | 394931.76 |
| 3811342.20 |           | 7.35405    | (20113008) |            |           |
|            | 394955.41 | 3811336.94 | 6.93726    | (20113008) | 394979.06 |
| 3811331.68 |           | 7.18204    | (16010224) |            |           |
|            | 395002.70 | 3811326.42 | 7.66063    | (16010224) | 395026.35 |
| 3811321.16 |           | 7.84962    | (16010224) |            |           |
|            | 395049.99 | 3811315.91 | 7.65708    | (16010224) | 395073.64 |
| 3811310.65 |           | 7.28459    | (16010224) |            |           |
|            | 395097.29 | 3811305.39 | 6.90439    | (16010224) | 395120.93 |
| 3811300.13 |           | 6.52968    | (16010224) |            |           |
|            | 395144.58 | 3811294.87 | 5.97159    | (16010224) | 395168.23 |
| 3811289.61 |           | 6.17026    | (16120408) |            |           |
|            | 395191.87 | 3811284.35 | 6.55129    | (16120408) | 395215.52 |
| 3811279.09 |           | 6.82381    | (16120408) |            |           |
|            | 395239.17 | 3811273.83 | 7.01438    | (16120408) | 395262.81 |
| 3811268.57 |           | 7.19530    | (16120408) |            |           |
|            | 395286.46 | 3811263.31 | 7.29785    | (16120408) | 395310.10 |
| 3811258.05 |           | 7.30734    | (16120408) |            |           |
|            | 395333.75 | 3811252.79 | 7.71727c   | (17011624) | 395357.40 |
| 3811247.53 |           | 7.72899c   | (17011624) |            |           |
|            | 395381.04 | 3811242.27 | 7.46376c   | (17011624) | 395404.69 |
| 3811237.01 |           | 7.03925c   | (17011624) |            |           |
|            | 395428.34 | 3811231.75 | 6.81248    | (20031108) | 395451.98 |
| 3811226.49 |           | 6.61433    | (20031108) |            |           |
|            | 395475.63 | 3811221.23 | 6.47273    | (17031708) | 395499.28 |
| 3811215.97 |           | 6.68877    | (17031708) |            |           |
|            | 395522.92 | 3811210.71 | 6.81334    | (17031708) | 395546.57 |
| 3811205.46 |           | 7.26638    | (16022408) |            |           |
|            | 395570.21 | 3811200.20 | 7.83259    | (16022408) | 395593.86 |
| 3811194.94 |           | 8.22613    | (16022408) |            |           |
|            | 395617.51 | 3811189.68 | 8.56931    | (16022408) | 395641.15 |
| 3811184.42 |           | 8.87170    | (16022408) |            |           |
|            | 395664.80 | 3811179.16 | 9.12253    | (16022408) | 395688.45 |
| 3811173.90 |           | 9.34872    | (16022408) |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 395712.09  | 3811168.64         | 9.29189 | (16022408) | 395735.74 |
| 3811163.38 | 9.14655 (20021824) |         |            |           |
| 395759.39  | 3811158.12         | 8.93784 | (16022408) | 395783.03 |
| 3811152.86 | 9.16374 (16010908) |         |            |           |
| 395806.68  | 3811147.60         | 9.28606 | (16010908) | 395830.32 |
| 3811142.34 | 9.21696 (16010908) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1084

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 395853.97   | 3811137.08         | 8.96235    | (16010908) | 395877.62   |
| 3811131.82  | 9.02134 (18020908) |            |            |             |
| 395901.26   | 3811126.56         | 9.17548    | (18020908) | 389673.19   |
| 3815954.83  | 1.00014 (16121824) |            |            |             |
| 389672.18   | 3815979.03         | 1.03833    | (16121824) | 389671.17   |
| 3816003.24  | 1.07365 (16121824) |            |            |             |
| 389670.15   | 3816027.45         | 1.10579    | (16121824) | 389669.14   |
| 3816051.65  | 1.13440 (16121824) |            |            |             |
| 389668.13   | 3816075.86         | 1.15668    | (16121824) | 389667.11   |
| 3816100.07  | 1.17202 (16121824) |            |            |             |
| 388352.16   | 3815877.60         | 1.84137    | (20020408) | 388363.29   |
| 3815856.14  | 1.73060 (20020408) |            |            |             |
| 388374.43   | 3815834.67         | 1.62153    | (20020408) | 388385.56   |
| 3815813.21  | 1.51820 (20020408) |            |            |             |
| 388396.69   | 3815791.75         | 1.42938    | (20020408) | 388407.83   |
| 3815770.29  | 1.33708 (20020408) |            |            |             |
| 388418.96   | 3815748.83         | 1.25691    | (20020408) | 388430.09   |
| 3815727.37  | 1.19348 (20020408) |            |            |             |
| 388441.22   | 3815705.91         | 1.14154    | (17012708) | 388452.36   |
| 3815684.44  | 1.12094 (17012708) |            |            |             |
| 388463.49   | 3815662.98         | 1.09348    | (17012708) | 388474.62   |
| 3815641.52  | 1.05929 (17012708) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388485.76  | 3815620.06         | 1.02364 | (17012708) | 388496.89 |
| 3815598.60 | 0.98115 (17012708) |         |            |           |
| 388508.02  | 3815577.14         | 0.95617 | (19121624) | 388519.16 |
| 3815555.67 | 0.96539 (19121624) |         |            |           |
| 388530.29  | 3815534.21         | 0.97259 | (19121624) | 388541.42 |
| 3815512.75 | 0.97975 (19121624) |         |            |           |
| 388552.56  | 3815491.29         | 0.99287 | (19121624) | 388563.69 |
| 3815469.83 | 1.00602 (19121624) |         |            |           |
| 388574.82  | 3815448.37         | 1.02382 | (19121624) | 388585.96 |
| 3815426.90 | 1.03941 (19121624) |         |            |           |
| 388597.09  | 3815405.44         | 1.05292 | (19121624) | 388608.22 |
| 3815383.98 | 1.06420 (19121624) |         |            |           |
| 388619.36  | 3815362.52         | 1.07345 | (19121624) | 388630.49 |
| 3815341.06 | 1.07920 (19121624) |         |            |           |
| 388641.62  | 3815319.60         | 1.08157 | (19121624) | 388652.76 |
| 3815298.14 | 1.08163 (19121624) |         |            |           |
| 388663.89  | 3815276.67         | 1.07841 | (19121624) | 388675.02 |
| 3815255.21 | 1.07468 (19121624) |         |            |           |
| 388686.16  | 3815233.75         | 1.07133 | (19121624) | 388697.29 |
| 3815212.29 | 1.06806 (19121624) |         |            |           |
| 388708.42  | 3815190.83         | 1.06240 | (19121624) | 388719.56 |
| 3815169.37 | 1.05318 (19121624) |         |            |           |
| 388730.69  | 3815147.90         | 1.04158 | (19121624) | 388741.82 |
| 3815126.44 | 1.02555 (19121624) |         |            |           |
| 388752.96  | 3815104.98         | 1.00369 | (19121624) | 388764.09 |
| 3815083.52 | 0.98104 (19121624) |         |            |           |
| 388775.22  | 3815062.06         | 0.95846 | (19121624) | 388786.36 |
| 3815040.60 | 0.93175 (19121624) |         |            |           |
| 388797.49  | 3815019.13         | 0.99840 | (19012208) | 388808.62 |
| 3814997.67 | 1.06929 (19012208) |         |            |           |
| 388819.75  | 3814976.21         | 1.10018 | (19012208) | 388830.89 |
| 3814954.75 | 1.03409 (19012208) |         |            |           |
| 388842.02  | 3814933.29         | 0.98830 | (19012208) | 388853.15 |
| 3814911.83 | 0.97645 (19012208) |         |            |           |
| 388864.29  | 3814890.37         | 1.03093 | (19012208) | 388875.42 |
| 3814868.90 | 1.14695 (19012208) |         |            |           |
| 388886.55  | 3814847.44         | 1.34956 | (19012208) | 388897.69 |
| 3814825.98 | 1.61675 (18031124) |         |            |           |
| 388908.82  | 3814804.52         | 1.92090 | (18031124) | 388919.95 |
| 3814783.06 | 2.07031 (18031124) |         |            |           |
| 388931.09  | 3814761.60         | 2.11012 | (18031124) | 388942.22 |
| 3814740.13 | 2.17043 (19091724) |         |            |           |
| 388953.35  | 3814718.67         | 2.36634 | (19091724) | 388964.49 |
| 3814697.21 | 2.72664 (19091724) |         |            |           |
| 388975.62  | 3814675.75         | 3.18877 | (19091724) | 388986.75 |
| 3814654.29 | 3.52837 (19091724) |         |            |           |
| 388997.89  | 3814632.83         | 3.47056 | (19091724) | 389009.02 |
| 3814611.36 | 3.03098 (19091724) |         |            |           |
| 389020.15  | 3814589.90         | 2.30449 | (19091724) | 389031.29 |
| 3814568.44 | 1.67684 (19091724) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389042.42  | 3814546.98         | 1.42009 | (18012724) | 389053.55 |
| 3814525.52 | 1.34225 (18012724) |         |            |           |
| 389064.69  | 3814504.06         | 1.28378 | (18012724) | 389075.82 |
| 3814482.60 | 1.24346 (18012724) |         |            |           |
| 389086.95  | 3814461.13         | 1.22058 | (18012724) | 389098.09 |
| 3814439.67 | 1.21714 (18012724) |         |            |           |
| 389109.22  | 3814418.21         | 1.22364 | (18012724) | 389120.35 |
| 3814396.75 | 1.22086 (18012724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1085

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC                | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|---------------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH)          |            |             |
| -----       |                     |                     |            |             |
| -----       |                     |                     |            |             |
| 389131.49   | 3814375.29          | 1.19035             | (18012724) | 389142.62   |
| 3814353.83  | 1.14972 (18012724)  |                     |            |             |
| 389153.75   | 3814332.36          | 1.10696             | (18012724) | 389164.89   |
| 3814310.90  | 1.07653 (18012724)  |                     |            |             |
| 389176.02   | 3814289.44          | 1.04946             | (19103008) | 389187.15   |
| 3814267.98  | 1.04504 (19103008)  |                     |            |             |
| 389198.28   | 3814246.52          | 1.17127             | (16112908) | 389209.42   |
| 3814225.06  | 1.48791 (16112908)  |                     |            |             |
| 389220.55   | 3814203.59          | 1.93000             | (16112908) | 389231.68   |
| 3814182.13  | 2.11146 (16112908)  |                     |            |             |
| 389242.82   | 3814160.67          | 2.28742             | (16112908) | 389253.95   |
| 3814139.21  | 2.44764 (16112908)  |                     |            |             |
| 389265.08   | 3814117.75          | 2.32280             | (16112908) | 389276.22   |
| 3814096.29  | 2.00988m (20031608) |                     |            |             |
| 389287.35   | 3814074.83          | 1.87968m (20031608) |            | 389298.48   |
| 3814053.36  | 1.78724m (20031608) |                     |            |             |
| 389309.62   | 3814031.90          | 1.78693m (20031608) |            | 389320.75   |
| 3814010.44  | 1.81428m (20031608) |                     |            |             |
| 389331.88   | 3813988.98          | 1.84234m (20031608) |            | 389343.02   |
| 3813967.52  | 1.87379m (20031608) |                     |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 389354.15  | 3813946.06          | 1.87161m (20031608) | 389365.28 |
| 3813924.59 | 1.84464m (20031608) |                     |           |
| 389376.42  | 3813903.13          | 1.77106m (20031608) | 389387.55 |
| 3813881.67 | 1.70794 (20021308)  |                     |           |
| 389398.68  | 3813860.21          | 1.61796 (20021308)  | 389409.82 |
| 3813838.75 | 1.71096c (20122908) |                     |           |
| 389420.95  | 3813817.29          | 1.99148c (20122908) | 389432.08 |
| 3813795.82 | 2.24201c (20122908) |                     |           |
| 389443.22  | 3813774.36          | 2.10355c (20122908) | 389454.35 |
| 3813752.90 | 1.75850c (20122908) |                     |           |
| 389465.48  | 3813731.44          | 1.49599 (20090908)  | 389476.62 |
| 3813709.98 | 1.43293 (20090908)  |                     |           |
| 389487.75  | 3813688.52          | 1.45879 (20090908)  | 389498.88 |
| 3813667.06 | 1.56283 (20090908)  |                     |           |
| 389510.02  | 3813645.59          | 1.88346 (18010524)  | 389521.15 |
| 3813624.13 | 2.08226 (18010524)  |                     |           |
| 389532.28  | 3813602.67          | 2.27467 (18050708)  | 389543.42 |
| 3813581.21 | 2.60033 (18050708)  |                     |           |
| 389554.55  | 3813559.75          | 2.60891 (18050708)  | 389565.68 |
| 3813538.29 | 2.21351 (18050708)  |                     |           |
| 389576.81  | 3813516.82          | 1.81000 (17031508)  | 389587.95 |
| 3813495.36 | 1.66145 (20030124)  |                     |           |
| 389599.08  | 3813473.90          | 1.43452 (20030124)  | 389610.21 |
| 3813452.44 | 1.18240 (20030124)  |                     |           |
| 389621.35  | 3813430.98          | 0.95934c (17011624) | 389632.48 |
| 3813409.52 | 0.80256c (17011624) |                     |           |
| 389643.61  | 3813388.05          | 0.67925c (17011624) | 389654.75 |
| 3813366.59 | 0.58361c (17011624) |                     |           |
| 389665.88  | 3813345.13          | 0.52863 (19012216)  | 389677.01 |
| 3813323.67 | 0.49062 (19012216)  |                     |           |
| 389688.15  | 3813302.21          | 0.51012 (19121716)  | 389699.28 |
| 3813280.75 | 0.53141 (19121716)  |                     |           |
| 389710.41  | 3813259.29          | 0.55289 (19121716)  | 389721.55 |
| 3813237.82 | 0.57175 (19121716)  |                     |           |
| 389732.68  | 3813216.36          | 0.58905 (19121716)  | 389743.81 |
| 3813194.90 | 0.59929 (19121716)  |                     |           |
| 389754.95  | 3813173.44          | 0.61020 (19121716)  | 389766.08 |
| 3813151.98 | 0.62490 (19121716)  |                     |           |
| 389777.21  | 3813130.52          | 0.64335 (19121716)  | 389788.35 |
| 3813109.05 | 0.66079 (19121716)  |                     |           |
| 389799.48  | 3813087.59          | 0.67637 (19121716)  | 389810.61 |
| 3813066.13 | 0.69003 (19121716)  |                     |           |
| 389821.75  | 3813044.67          | 0.70236 (19121716)  | 389832.88 |
| 3813023.21 | 0.71189 (19121716)  |                     |           |
| 389844.01  | 3813001.75          | 0.71770 (19121716)  | 389855.15 |
| 3812980.28 | 0.72122 (19121716)  |                     |           |
| 389866.28  | 3812958.82          | 0.72262 (19121716)  | 389877.41 |
| 3812937.36 | 0.72267 (19121716)  |                     |           |
| 389888.55  | 3812915.90          | 0.72009 (19121716)  | 389899.68 |
| 3812894.44 | 0.71465 (19121716)  |                     |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390222.54  | 3812272.05         | 0.40963 | (18112616) | 390233.68 |
| 3812250.59 | 0.40745 (18112616) |         |            |           |
| 390244.81  | 3812229.13         | 0.42607 | (16120216) | 390255.94 |
| 3812207.67 | 0.44770 (16120216) |         |            |           |
| 390267.08  | 3812186.21         | 0.46782 | (16120216) | 390278.21 |
| 3812164.74 | 0.48538 (16120216) |         |            |           |
| 390289.34  | 3812143.28         | 0.50049 | (16120216) | 390300.48 |
| 3812121.82 | 0.51428 (16120216) |         |            |           |
| 390311.61  | 3812100.36         | 0.52517 | (16120216) | 390322.74 |
| 3812078.90 | 0.53073 (16120216) |         |            |           |
| 390333.88  | 3812057.44         | 0.53366 | (16120216) | 390345.01 |
| 3812035.97 | 0.53411 (16120216) |         |            |           |
| 390356.14  | 3812014.51         | 0.53995 | (16120216) | 390367.27 |
| 3811993.05 | 0.54485 (16120216) |         |            |           |
| 390378.41  | 3811971.59         | 0.54743 | (16120216) | 390389.54 |
| 3811950.13 | 0.54414 (16120216) |         |            |           |
| 390400.67  | 3811928.67         | 0.54183 | (16120216) | 390411.81 |
| 3811907.21 | 0.54111 (16120216) |         |            |           |
| 390422.94  | 3811885.74         | 0.54153 | (16120216) | 390434.07 |
| 3811864.28 | 0.53755 (16120216) |         |            |           |
| 390445.21  | 3811842.82         | 0.53428 | (16120216) | 390456.34 |
| 3811821.36 | 0.53111 (16120216) |         |            |           |
| 390467.47  | 3811799.90         | 0.52272 | (16120216) | 390478.61 |
| 3811778.44 | 0.51669 (16122616) |         |            |           |
| 390489.74  | 3811756.97         | 0.52002 | (16122616) | 390500.87 |
| 3811735.51 | 0.52186 (16122616) |         |            |           |
| 390512.01  | 3811714.05         | 0.52965 | (16122616) | 390523.14 |
| 3811692.59 | 0.54229 (16122616) |         |            |           |
| 390534.27  | 3811671.13         | 0.55305 | (16122616) | 390545.41 |
| 3811649.67 | 0.55513 (16122616) |         |            |           |
| 390556.54  | 3811628.20         | 0.55539 | (16122616) | 390567.67 |
| 3811606.74 | 0.58705 (17092524) |         |            |           |
| 390578.81  | 3811585.28         | 0.62523 | (17092524) | 390589.94 |
| 3811563.82 | 0.67164 (17092524) |         |            |           |
| 390601.07  | 3811542.36         | 0.74870 | (17092524) | 390612.21 |
| 3811520.90 | 0.77184 (17092524) |         |            |           |
| 390623.34  | 3811499.44         | 0.74107 | (17092524) | 390634.47 |
| 3811477.97 | 0.67079 (17092524) |         |            |           |
| 390645.61  | 3811456.51         | 0.63667 | (17092524) | 390656.74 |
| 3811435.05 | 0.62984 (17092524) |         |            |           |
| 390667.87  | 3811413.59         | 0.60812 | (17092524) | 390679.01 |
| 3811392.13 | 0.61209 (17092524) |         |            |           |
| 390690.14  | 3811370.67         | 0.60094 | (17092524) | 390701.27 |
| 3811349.20 | 0.58203 (17092524) |         |            |           |
| 390712.41  | 3811327.74         | 0.55246 | (17092524) | 390723.54 |
| 3811306.28 | 0.54231 (19051016) |         |            |           |
| 390734.67  | 3811284.82         | 0.55368 | (19051016) | 390745.80 |
| 3811263.36 | 0.56978 (19051016) |         |            |           |
| 390756.94  | 3811241.90         | 0.58563 | (19051016) | 390768.07 |
| 3811220.43 | 0.60396 (17012824) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390779.20  | 3811198.97 | 0.62786    | (17012824) | 390790.34 |
| 3811177.51 | 0.66795    | (17012824) |            |           |
| 390801.47  | 3811156.05 | 0.70178    | (17012824) | 390812.60 |
| 3811134.59 | 0.72742    | (17012824) |            |           |
| 390823.74  | 3811113.13 | 0.72463    | (17012824) | 390834.87 |
| 3811091.67 | 0.74323    | (17012824) |            |           |
| 390846.00  | 3811070.20 | 0.79397    | (19123024) | 390857.14 |
| 3811048.74 | 0.85285    | (16122124) |            |           |
| 390868.27  | 3811027.28 | 0.95348    | (16122124) | 390903.00 |
| 3811000.57 | 1.04724    | (16122124) |            |           |
| 390926.60  | 3810995.32 | 1.07575    | (16122124) | 390950.21 |
| 3810990.07 | 1.13628    | (16122124) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1087

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390973.81   | 3810984.82  | 1.24784    | (16122124) | 390997.41   |
| 3810979.57  | 1.38608     | (16122124) |            |             |
| 391021.01   | 3810974.32  | 1.52958    | (16122124) | 391044.61   |
| 3810969.07  | 1.71014     | (16122124) |            |             |
| 391068.21   | 3810963.82  | 1.91797    | (16122124) | 391091.81   |
| 3810958.57  | 2.03604     | (16122124) |            |             |
| 391115.41   | 3810953.33  | 2.00262    | (16122124) | 391139.01   |
| 3810948.08  | 1.97086     | (16122124) |            |             |
| 391162.61   | 3810942.83  | 1.81181    | (16122124) | 391186.21   |
| 3810937.58  | 1.84674     | (16122124) |            |             |
| 391209.81   | 3810932.33  | 1.77225    | (16122124) | 391233.41   |
| 3810927.08  | 1.56794     | (16122124) |            |             |
| 391257.01   | 3810921.83  | 1.36978    | (19120524) | 391280.62   |
| 3810916.58  | 1.24516     | (19120524) |            |             |
| 391304.22   | 3810911.33  | 1.25477    | (19120524) | 391327.82   |
| 3810906.08  | 1.38241     | (19120524) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391351.42  | 3810900.83          | 1.58523  | (16011708) | 391375.02 |
| 3810895.58 | 2.06782 (16011708)  |          |            |           |
| 391398.62  | 3810890.33          | 2.61256  | (16011708) | 391422.22 |
| 3810885.08 | 3.02299 (16011708)  |          |            |           |
| 391445.82  | 3810879.83          | 3.16829  | (16011708) | 391469.42 |
| 3810874.58 | 3.55283 (16011708)  |          |            |           |
| 391493.02  | 3810869.33          | 4.09468  | (16011708) | 391516.62 |
| 3810864.09 | 4.81327 (16011708)  |          |            |           |
| 391540.22  | 3810858.84          | 5.83798  | (16011708) | 391563.82 |
| 3810853.59 | 7.00968 (16011708)  |          |            |           |
| 391587.42  | 3810848.34          | 7.62956  | (16011708) | 391611.02 |
| 3810843.09 | 7.83630 (16011708)  |          |            |           |
| 391634.63  | 3810837.84          | 8.18512  | (16011708) | 391658.23 |
| 3810832.59 | 8.43469 (16011708)  |          |            |           |
| 391681.83  | 3810827.34          | 8.17819  | (16011708) | 391705.43 |
| 3810822.09 | 7.51471 (16011708)  |          |            |           |
| 391729.03  | 3810816.84          | 6.69505  | (16011708) | 391752.63 |
| 3810811.59 | 5.92279 (16011708)  |          |            |           |
| 391776.23  | 3810806.34          | 5.28449  | (16011708) | 391799.83 |
| 3810801.09 | 4.75479 (16011708)  |          |            |           |
| 391823.43  | 3810795.84          | 4.22810  | (16011708) | 391847.03 |
| 3810790.59 | 3.72991 (18092724)  |          |            |           |
| 391870.63  | 3810785.34          | 3.26538  | (18092724) | 391894.23 |
| 3810780.10 | 3.24194 (20021208)  |          |            |           |
| 391917.83  | 3810774.85          | 3.51924  | (20021208) | 391941.43 |
| 3810769.60 | 3.71576 (20021208)  |          |            |           |
| 391965.04  | 3810764.35          | 3.86494  | (20021208) | 391988.64 |
| 3810759.10 | 3.95124 (20021208)  |          |            |           |
| 392012.24  | 3810753.85          | 3.85983  | (20021208) | 392035.84 |
| 3810748.60 | 3.64164 (20021208)  |          |            |           |
| 392059.44  | 3810743.35          | 3.68905  | (20013024) | 392083.04 |
| 3810738.10 | 3.47502 (20013024)  |          |            |           |
| 392106.64  | 3810732.85          | 3.28450  | (20013024) | 392130.24 |
| 3810727.60 | 3.70888 (20013024)  |          |            |           |
| 392153.84  | 3810722.35          | 3.85752m | (18120924) | 392177.44 |
| 3810717.10 | 3.94153m (18120924) |          |            |           |
| 392201.04  | 3810711.85          | 4.18125m | (18120924) | 392224.64 |
| 3810706.60 | 4.49512m (18120924) |          |            |           |
| 392248.24  | 3810701.35          | 4.58947m | (18120924) | 392271.84 |
| 3810696.11 | 4.30278m (18120924) |          |            |           |
| 392295.44  | 3810690.86          | 4.12757  | (18120308) | 392319.05 |
| 3810685.61 | 4.36492 (18120308)  |          |            |           |
| 392342.65  | 3810680.36          | 4.63808  | (18120308) | 392366.25 |
| 3810675.11 | 4.71304 (18120308)  |          |            |           |
| 392389.85  | 3810669.86          | 4.64671  | (18120308) | 392413.45 |
| 3810664.61 | 4.40076 (20010224)  |          |            |           |
| 392437.05  | 3810659.36          | 4.38765  | (20010224) | 392460.65 |
| 3810654.11 | 4.45104 (20010224)  |          |            |           |
| 392484.25  | 3810648.86          | 4.88609  | (17123108) | 392507.85 |
| 3810643.61 | 5.55531 (17123108)  |          |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392531.45  | 3810638.36         | 5.96916 | (17123108) | 392555.05 |
| 3810633.11 | 6.08974 (17123108) |         |            |           |
| 392578.65  | 3810627.86         | 6.18687 | (17123108) | 392602.25 |
| 3810622.61 | 6.09191 (17123108) |         |            |           |
| 392625.85  | 3810617.36         | 5.86717 | (17123108) | 392649.46 |
| 3810612.12 | 5.68918 (16010224) |         |            |           |
| 392673.06  | 3810606.87         | 5.70465 | (17102724) | 392696.66 |
| 3810601.62 | 6.12154 (17102724) |         |            |           |
| 392720.26  | 3810596.37         | 6.37100 | (17102724) | 392743.86 |
| 3810591.12 | 6.42383 (17102724) |         |            |           |
| 392767.46  | 3810585.87         | 6.64376 | (17102724) | 392791.06 |
| 3810580.62 | 6.82179 (17102724) |         |            |           |
| 392814.66  | 3810575.37         | 6.57835 | (17102724) | 392838.26 |
| 3810570.12 | 6.07545 (17102724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1088

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 392861.86   | 3810564.87         | 5.85736    | (19020708) | 392885.46   |
| 3810559.62  | 6.57562 (19020708) |            |            |             |
| 392909.06   | 3810554.37         | 7.02963    | (19020708) | 392932.66   |
| 3810549.12  | 7.23243 (19020708) |            |            |             |
| 392956.26   | 3810543.87         | 7.40683    | (19020708) | 392979.86   |
| 3810538.62  | 7.54890 (19020708) |            |            |             |
| 393003.47   | 3810533.37         | 7.44345    | (19020708) | 393027.07   |
| 3810528.13  | 7.20454 (19020708) |            |            |             |
| 393050.67   | 3810522.88         | 6.84475    | (19020708) | 393074.27   |
| 3810517.63  | 6.38284 (19020708) |            |            |             |
| 393097.87   | 3810512.38         | 6.85037    | (17021124) | 393121.47   |
| 3810507.13  | 7.26795 (17021124) |            |            |             |
| 393145.07   | 3810501.88         | 7.56854    | (17021124) | 393168.67   |
| 3810496.63  | 7.73578 (17021124) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393192.27  | 3810491.38         | 7.76028 | (17021124) | 393215.87 |
| 3810486.13 | 7.64049 (17021124) |         |            |           |
| 393239.47  | 3810480.88         | 7.38289 | (17021124) | 393263.07 |
| 3810475.63 | 7.00135 (17021124) |         |            |           |
| 393286.67  | 3810470.38         | 6.76928 | (20031208) | 393310.27 |
| 3810465.13 | 6.72085 (20031208) |         |            |           |
| 393333.88  | 3810459.88         | 6.54849 | (20031208) | 393357.48 |
| 3810454.63 | 6.26171 (20031208) |         |            |           |
| 393381.08  | 3810449.38         | 6.13973 | (16102924) | 393404.68 |
| 3810444.14 | 6.68223 (16102924) |         |            |           |
| 393428.28  | 3810438.89         | 7.13710 | (16102924) | 393451.88 |
| 3810433.64 | 7.48075 (16102924) |         |            |           |
| 393475.48  | 3810428.39         | 7.69469 | (16102924) | 393499.08 |
| 3810423.14 | 7.76708 (16102924) |         |            |           |
| 393522.68  | 3810417.89         | 7.69385 | (16102924) | 393546.28 |
| 3810412.64 | 7.47907 (16102924) |         |            |           |
| 393569.88  | 3810407.39         | 7.63314 | (16040124) | 393593.48 |
| 3810402.14 | 7.76778 (16040124) |         |            |           |
| 393617.08  | 3810396.89         | 7.75759 | (16040124) | 393640.68 |
| 3810391.64 | 7.60314 (16040124) |         |            |           |
| 393664.28  | 3810386.39         | 7.31302 | (16040124) | 393687.89 |
| 3810381.14 | 6.90283 (16040124) |         |            |           |
| 393711.49  | 3810375.89         | 6.39452 | (16040124) | 393735.09 |
| 3810370.64 | 6.47479 (16010224) |         |            |           |
| 393758.69  | 3810365.39         | 6.82599 | (16010224) | 393782.29 |
| 3810360.15 | 7.06230 (16010224) |         |            |           |
| 393805.89  | 3810354.90         | 7.17047 | (16010224) | 393829.49 |
| 3810349.65 | 7.14549 (16010224) |         |            |           |
| 393853.09  | 3810344.40         | 6.98827 | (16010224) | 393876.69 |
| 3810339.15 | 6.70763 (16010224) |         |            |           |
| 393900.29  | 3810333.90         | 6.31884 | (16010224) | 393923.89 |
| 3810328.65 | 6.57038 (17012524) |         |            |           |
| 393947.49  | 3810323.40         | 7.04331 | (17012524) | 393971.09 |
| 3810318.15 | 7.41028 (17012524) |         |            |           |
| 393994.69  | 3810312.90         | 7.65205 | (17012524) | 394018.30 |
| 3810307.65 | 7.75568 (17012524) |         |            |           |
| 394041.90  | 3810302.40         | 7.71560 | (17012524) | 394065.50 |
| 3810297.15 | 7.53434 (17012524) |         |            |           |
| 394089.10  | 3810291.90         | 7.22203 | (17012524) | 394112.70 |
| 3810286.65 | 7.12690 (16122608) |         |            |           |
| 394136.30  | 3810281.40         | 7.07175 | (16122608) | 394159.90 |
| 3810276.16 | 7.02805 (17121824) |         |            |           |
| 394183.50  | 3810270.91         | 7.38396 | (17121824) | 394207.10 |
| 3810265.66 | 7.61587 (17121824) |         |            |           |
| 394230.70  | 3810260.41         | 7.71161 | (17121824) | 394254.30 |
| 3810255.16 | 7.66628 (17121824) |         |            |           |
| 394277.90  | 3810249.91         | 7.48269 | (17121824) | 394301.50 |
| 3810244.66 | 7.17105 (17121824) |         |            |           |
| 394325.10  | 3810239.41         | 6.74807 | (17121824) | 394348.70 |
| 3810234.16 | 6.23542 (17121824) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394372.31  | 3810228.91         | 5.65773 | (17121824) | 394395.91 |
| 3810223.66 | 5.81713 (16012124) |         |            |           |
| 394419.51  | 3810218.41         | 5.99982 | (16012124) | 394443.11 |
| 3810213.16 | 6.25164 (17122408) |         |            |           |
| 394466.71  | 3810207.91         | 6.74961 | (17122408) | 394490.31 |
| 3810202.66 | 7.15648 (17122408) |         |            |           |
| 394513.91  | 3810197.41         | 7.45220 | (17122408) | 394537.51 |
| 3810192.17 | 7.62185 (17122408) |         |            |           |
| 394561.11  | 3810186.92         | 7.65691 | (17122408) | 394584.71 |
| 3810181.67 | 7.55598 (17122408) |         |            |           |
| 394608.31  | 3810176.42         | 7.32484 | (17122408) | 394631.91 |
| 3810171.17 | 6.97595 (17122408) |         |            |           |
| 394655.51  | 3810165.92         | 6.52728 | (17122408) | 394679.11 |
| 3810160.67 | 6.68421 (18061208) |         |            |           |
| 394702.72  | 3810155.42         | 7.09351 | (18061208) | 394726.32 |
| 3810150.17 | 7.39780 (18061208) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1089

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 394749.92   | 3810144.92         | 7.58231    | (18061208) | 394773.52   |
| 3810139.67  | 7.63795 (18061208) |            |            |             |
| 394797.12   | 3810134.42         | 7.56227    | (18061208) | 394820.72   |
| 3810129.17  | 7.35963 (18061208) |            |            |             |
| 394844.32   | 3810123.92         | 7.04074    | (18061208) | 394867.92   |
| 3810118.67  | 6.83272 (20113008) |            |            |             |
| 394891.52   | 3810113.42         | 6.84148    | (20113008) | 394915.12   |
| 3810108.18  | 6.73369 (20113008) |            |            |             |
| 394938.72   | 3810102.93         | 6.51529    | (20113008) | 394962.32   |
| 3810097.68  | 6.19764 (20113008) |            |            |             |
| 394985.92   | 3810092.43         | 6.07946    | (16010224) | 395009.52   |
| 3810087.18  | 6.55423 (16010224) |            |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3810076.68 | 395033.12 | 3810081.93 | 6.94696    | (16010224) | 395056.73 |
|            |           | 7.23983    | (16010224) |            |           |
|            | 395080.33 | 3810071.43 | 7.41898    | (16010224) | 395103.93 |
| 3810066.18 |           | 7.47635    | (16010224) |            |           |
|            | 395127.53 | 3810060.93 | 7.40970    | (16010224) | 395151.13 |
| 3810055.68 |           | 7.22296    | (16010224) |            |           |
|            | 395174.73 | 3810050.43 | 6.92579    | (16010224) | 395198.33 |
| 3810045.18 |           | 6.53281    | (16010224) |            |           |
|            | 395221.93 | 3810039.93 | 6.27191    | (16120408) | 395245.53 |
| 3810034.68 |           | 6.69524    | (16120408) |            |           |
|            | 395269.13 | 3810029.43 | 7.03097    | (16120408) | 395292.73 |
| 3810024.18 |           | 7.26420    | (16120408) |            |           |
|            | 395316.33 | 3810018.94 | 7.38457    | (16120408) | 395339.93 |
| 3810013.69 |           | 7.38696    | (16120408) |            |           |
|            | 395363.53 | 3810008.44 | 7.27195    | (16120408) | 395387.14 |
| 3810003.19 |           | 7.04551    | (16120408) |            |           |
|            | 395410.74 | 3809997.94 | 6.71897    | (16120408) | 395434.34 |
| 3809992.69 |           | 6.30747    | (16120408) |            |           |
|            | 395457.94 | 3809987.44 | 5.90093c   | (17011624) | 395481.54 |
| 3809982.19 |           | 5.79728c   | (17011624) |            |           |
|            | 395505.14 | 3809976.94 | 5.60738c   | (17011624) | 395528.74 |
| 3809971.69 |           | 5.34033c   | (17011624) |            |           |
|            | 395552.34 | 3809966.44 | 5.29511    | (20031108) | 395575.94 |
| 3809961.19 |           | 5.27694    | (20031108) |            |           |
|            | 395599.54 | 3809955.94 | 5.17882    | (20031108) | 395623.14 |
| 3809950.69 |           | 5.27531    | (17031708) |            |           |
|            | 395646.74 | 3809945.44 | 5.41622    | (17031708) | 395670.34 |
| 3809940.19 |           | 5.47710    | (17031708) |            |           |
|            | 395693.94 | 3809934.95 | 5.53140    | (16022408) | 395717.54 |
| 3809929.70 |           | 5.91785    | (16022408) |            |           |
|            | 395741.15 | 3809924.45 | 6.25361    | (16022408) | 395764.75 |
| 3809919.20 |           | 6.53136    | (16022408) |            |           |
|            | 395788.35 | 3809913.95 | 6.74715    | (16022408) | 395811.95 |
| 3809908.70 |           | 6.90002    | (16022408) |            |           |
|            | 395835.55 | 3809903.45 | 6.99196    | (16022408) | 395859.15 |
| 3809898.20 |           | 7.02756    | (16022408) |            |           |
|            | 395882.75 | 3809892.95 | 7.01343    | (16022408) | 395906.35 |
| 3809887.70 |           | 7.02443    | (20021824) |            |           |
|            | 395929.95 | 3809882.45 | 7.01012    | (20021824) | 395953.55 |
| 3809877.20 |           | 6.89673    | (20021824) |            |           |
|            | 395977.15 | 3809871.95 | 6.75104    | (16010908) | 396000.75 |
| 3809866.70 |           | 6.94545    | (16010908) |            |           |
|            | 396024.35 | 3809861.45 | 7.04531    | (16010908) | 396047.95 |
| 3809856.20 |           | 7.04718    | (16010908) |            |           |
|            | 396071.56 | 3809850.96 | 6.95164    | (16010908) | 396095.16 |
| 3809845.71 |           | 6.76341    | (16010908) |            |           |
|            | 396118.76 | 3809840.46 | 6.83742    | (18020908) | 396142.36 |
| 3809835.21 |           | 6.95547    | (18020908) |            |           |
|            | 396165.96 | 3809829.96 | 6.97963    | (18020908) | 396189.56 |
| 3809824.71 |           | 6.90965    | (18020908) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388341.03  | 3815899.06         | 1.90997 | (20020408) | 388340.01 |
| 3815923.27 | 1.88303 (20020408) |         |            |           |
| 388339.00  | 3815947.47         | 1.78348 | (20020408) | 388337.99 |
| 3815971.68 | 1.65705 (20020408) |         |            |           |
| 388336.97  | 3815995.89         | 1.54840 | (20020408) | 388335.96 |
| 3816020.09 | 1.45156 (20020408) |         |            |           |
| 388334.95  | 3816044.30         | 1.35966 | (20020408) | 387019.98 |
| 3815821.86 | 4.54225 (16060408) |         |            |           |
| 387031.10  | 3815800.42         | 4.47274 | (16060408) | 387042.22 |
| 3815778.99 | 4.51149 (19020108) |         |            |           |
| 387053.34  | 3815757.56         | 4.71028 | (19020108) | 387064.45 |
| 3815736.12 | 4.92689 (19020108) |         |            |           |
| 387075.57  | 3815714.69         | 5.10701 | (20122524) | 387086.69 |
| 3815693.25 | 5.23288 (20122524) |         |            |           |
| 387097.81  | 3815671.82         | 5.16022 | (20122524) | 387108.93 |
| 3815650.38 | 5.02176 (20122524) |         |            |           |
| 387120.05  | 3815628.95         | 4.95737 | (17122424) | 387131.17 |
| 3815607.52 | 5.00165 (17122424) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1090

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387142.29   | 3815586.08         | 4.99248    | (17122424) | 387153.41   |
| 3815564.65  | 4.92985 (17122424) |            |            |             |
| 387164.53   | 3815543.21         | 5.08437    | (16012224) | 387175.64   |
| 3815521.78  | 5.24412 (16012224) |            |            |             |
| 387186.76   | 3815500.35         | 5.35043    | (16012224) | 387197.88   |
| 3815478.91  | 5.39954 (16012224) |            |            |             |
| 387209.00   | 3815457.48         | 5.38947    | (16012224) | 387220.12   |
| 3815436.04  | 5.32020 (16012224) |            |            |             |
| 387231.24   | 3815414.61         | 5.19372    | (16012224) | 387242.36   |
| 3815393.17  | 5.01374 (16012224) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 387253.48  | 3815371.74          | 5.01691  | (18091708) | 387264.60 |
| 3815350.31 | 5.04707 (18091708)  |          |            |           |
| 387275.72  | 3815328.87          | 5.08405  | (20091208) | 387286.84 |
| 3815307.44 | 5.35819 (20091208)  |          |            |           |
| 387297.95  | 3815286.00          | 5.58379  | (20091208) | 387309.07 |
| 3815264.57 | 5.75312 (20091208)  |          |            |           |
| 387320.19  | 3815243.13          | 5.86037  | (20091208) | 387331.31 |
| 3815221.70 | 5.90147 (20091208)  |          |            |           |
| 387342.43  | 3815200.27          | 5.87471  | (20091208) | 387353.55 |
| 3815178.83 | 5.78059 (20091208)  |          |            |           |
| 387364.67  | 3815157.40          | 5.62209  | (20091208) | 387375.79 |
| 3815135.96 | 5.68406 (20122524)  |          |            |           |
| 387386.91  | 3815114.53          | 5.75630  | (20122524) | 387398.03 |
| 3815093.09 | 5.76754 (20122524)  |          |            |           |
| 387409.15  | 3815071.66          | 5.71537  | (20122524) | 387420.26 |
| 3815050.23 | 5.72981c (20101508) |          |            |           |
| 387431.38  | 3815028.79          | 5.94682c | (20101508) | 387442.50 |
| 3815007.36 | 6.09909c (20101508) |          |            |           |
| 387453.62  | 3814985.92          | 6.18109c | (20101508) | 387464.74 |
| 3814964.49 | 6.18950c (20101508) |          |            |           |
| 387475.86  | 3814943.05          | 6.12366c | (20101508) | 387486.98 |
| 3814921.62 | 5.98563c (20101508) |          |            |           |
| 387498.10  | 3814900.19          | 5.77999c | (20101508) | 387509.22 |
| 3814878.75 | 5.51347c (20101508) |          |            |           |
| 387520.34  | 3814857.32          | 5.19514c | (20101508) | 387531.45 |
| 3814835.88 | 5.27785 (17022608)  |          |            |           |
| 387542.57  | 3814814.45          | 5.57152  | (17022608) | 387553.69 |
| 3814793.02 | 5.96582 (18031124)  |          |            |           |
| 387564.81  | 3814771.58          | 6.40360  | (18031124) | 387575.93 |
| 3814750.15 | 6.81783 (18031124)  |          |            |           |
| 387587.05  | 3814728.71          | 7.20153  | (18031124) | 387598.17 |
| 3814707.28 | 7.54738 (18031124)  |          |            |           |
| 387609.29  | 3814685.84          | 7.84907  | (18031124) | 387620.41 |
| 3814664.41 | 8.10028 (18031124)  |          |            |           |
| 387631.53  | 3814642.98          | 8.29577  | (18031124) | 387642.65 |
| 3814621.54 | 8.43092 (18031124)  |          |            |           |
| 387653.76  | 3814600.11          | 8.50190  | (18031124) | 387664.88 |
| 3814578.67 | 8.50608 (18031124)  |          |            |           |
| 387676.00  | 3814557.24          | 8.44196  | (18031124) | 387687.12 |
| 3814535.80 | 8.30931 (18031124)  |          |            |           |
| 387698.24  | 3814514.37          | 8.10957  | (18031124) | 387709.36 |
| 3814492.94 | 7.84556 (18031124)  |          |            |           |
| 387720.48  | 3814471.50          | 7.52161  | (18031124) | 387731.60 |
| 3814450.07 | 7.14406 (18031124)  |          |            |           |
| 387742.72  | 3814428.63          | 6.72006  | (18031124) | 387753.84 |
| 3814407.20 | 6.25871 (18031124)  |          |            |           |
| 387764.95  | 3814385.76          | 5.76931  | (18031124) | 387776.07 |
| 3814364.33 | 5.41649 (16103008)  |          |            |           |
| 387787.19  | 3814342.90          | 5.34125  | (16103008) | 387798.31 |
| 3814321.46 | 5.19839 (16103008)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387809.43  | 3814300.03         | 4.99328 | (16103008) | 387820.55 |
| 3814278.59 | 4.75144 (19091724) |         |            |           |
| 387831.67  | 3814257.16         | 4.59219 | (19091724) | 387842.79 |
| 3814235.73 | 4.40788 (19091724) |         |            |           |
| 387853.91  | 3814214.29         | 4.19808 | (19091724) | 387865.03 |
| 3814192.86 | 3.96402 (19091724) |         |            |           |
| 387876.15  | 3814171.42         | 3.70794 | (19091724) | 387887.26 |
| 3814149.99 | 3.62166 (19122524) |         |            |           |
| 387898.38  | 3814128.55         | 3.61010 | (19122524) | 387909.50 |
| 3814107.12 | 3.64127 (19012824) |         |            |           |
| 387920.62  | 3814085.69         | 3.79754 | (19012824) | 387931.74 |
| 3814064.25 | 3.90784 (19012824) |         |            |           |
| 387942.86  | 3814042.82         | 4.09702 | (20010724) | 387953.98 |
| 3814021.38 | 4.41157 (20010724) |         |            |           |
| 387965.10  | 3813999.95         | 4.68663 | (20010724) | 387976.22 |
| 3813978.51 | 4.91222 (20010724) |         |            |           |
| 387987.34  | 3813957.08         | 5.07944 | (20010724) | 387998.45 |
| 3813935.65 | 5.18166 (20010724) |         |            |           |
| 388009.57  | 3813914.21         | 5.21466 | (20010724) | 388020.69 |
| 3813892.78 | 5.52477 (18012224) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1091

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388031.81   | 3813871.34         | 5.81790    | (18012224) | 388042.93   |
| 3813849.91  | 6.04353 (18012224) |            |            |             |
| 388054.05   | 3813828.47         | 6.19282    | (18012224) | 388065.17   |
| 3813807.04  | 6.25951 (18012224) |            |            |             |
| 388076.29   | 3813785.61         | 6.24078    | (18012224) | 388087.41   |
| 3813764.17  | 6.13717 (18012224) |            |            |             |
| 388098.53   | 3813742.74         | 5.95282    | (18012224) | 388109.65   |
| 3813721.30  | 5.73807 (19091808) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388120.76  | 3813699.87          | 5.82387  | (19091808) | 388131.88 |
| 3813678.43 | 5.82999 (19091808)  |          |            |           |
| 388143.00  | 3813657.00          | 5.75603  | (19091808) | 388154.12 |
| 3813635.57 | 5.92695 (17092824)  |          |            |           |
| 388165.24  | 3813614.13          | 6.12352  | (17092824) | 388176.36 |
| 3813592.70 | 6.23953 (17092824)  |          |            |           |
| 388187.48  | 3813571.26          | 6.27018  | (17092824) | 388198.60 |
| 3813549.83 | 6.21408 (17092824)  |          |            |           |
| 388209.72  | 3813528.40          | 6.07346  | (17092824) | 388220.84 |
| 3813506.96 | 5.85385 (17092824)  |          |            |           |
| 388231.95  | 3813485.53          | 5.56417  | (17092824) | 388243.07 |
| 3813464.09 | 5.21534 (17092824)  |          |            |           |
| 388254.19  | 3813442.66          | 5.53379  | (20021308) | 388265.31 |
| 3813421.22 | 5.84105 (20021308)  |          |            |           |
| 388276.43  | 3813399.79          | 6.07984  | (20021308) | 388287.55 |
| 3813378.36 | 6.24066 (20021308)  |          |            |           |
| 388298.67  | 3813356.92          | 6.31689  | (20021308) | 388309.79 |
| 3813335.49 | 6.30523 (20021308)  |          |            |           |
| 388320.91  | 3813314.05          | 6.20610  | (20021308) | 388332.03 |
| 3813292.62 | 6.02361 (20021308)  |          |            |           |
| 388343.15  | 3813271.18          | 5.76504  | (20021308) | 388354.26 |
| 3813249.75 | 5.58929 (19083008)  |          |            |           |
| 388365.38  | 3813228.32          | 5.59524  | (19083008) | 388376.50 |
| 3813206.88 | 5.52496 (19083008)  |          |            |           |
| 388387.62  | 3813185.45          | 5.38129  | (19083008) | 388398.74 |
| 3813164.01 | 5.18855 (18010524)  |          |            |           |
| 388409.86  | 3813142.58          | 5.18019  | (18010524) | 388420.98 |
| 3813121.14 | 5.01836 (18010524)  |          |            |           |
| 388432.10  | 3813099.71          | 4.63776  | (18010524) | 388443.22 |
| 3813078.28 | 4.13315 (18010524)  |          |            |           |
| 388454.34  | 3813056.84          | 3.97115  | (18010524) | 388465.45 |
| 3813035.41 | 3.84562 (18010524)  |          |            |           |
| 388476.57  | 3813013.97          | 3.83215  | (18050708) | 388487.69 |
| 3812992.54 | 3.76091 (18050708)  |          |            |           |
| 388498.81  | 3812971.10          | 3.67925  | (18050708) | 388509.93 |
| 3812949.67 | 3.61880 (18050708)  |          |            |           |
| 388521.05  | 3812928.24          | 3.72447  | (17031508) | 388532.17 |
| 3812906.80 | 3.99010 (20030124)  |          |            |           |
| 388543.29  | 3812885.37          | 3.98668  | (20030124) | 388554.41 |
| 3812863.93 | 3.81284 (20030124)  |          |            |           |
| 388565.53  | 3812842.50          | 3.42299  | (20030124) | 388576.65 |
| 3812821.07 | 2.91018 (20030124)  |          |            |           |
| 388587.76  | 3812799.63          | 2.47831  | (20030124) | 388598.88 |
| 3812778.20 | 2.07518 (20030124)  |          |            |           |
| 388610.00  | 3812756.76          | 1.70587  | (20030124) | 388621.12 |
| 3812735.33 | 1.38253 (20030124)  |          |            |           |
| 388632.24  | 3812713.89          | 1.07638  | (20030124) | 388643.36 |
| 3812692.46 | 0.80168 (20030124)  |          |            |           |
| 388654.48  | 3812671.03          | 0.63572c | (17011624) | 388665.60 |
| 3812649.59 | 0.54733c (17011624) |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388676.72  | 3812628.16 | 0.53228    | (19011224) | 388687.84 |
| 3812606.72 | 0.56798    | (19011224) |            |           |
| 388698.95  | 3812585.29 | 0.60610m   | (16072108) | 388710.07 |
| 3812563.85 | 0.58632    | (19011224) |            |           |
| 388721.19  | 3812542.42 | 0.53815    | (19121716) | 388732.31 |
| 3812520.99 | 0.52206    | (19121716) |            |           |
| 388743.43  | 3812499.55 | 0.50886    | (19121716) | 388754.55 |
| 3812478.12 | 0.50142    | (19121716) |            |           |
| 388765.67  | 3812456.68 | 0.50179    | (19121716) | 388776.79 |
| 3812435.25 | 0.51049    | (19121716) |            |           |
| 388787.91  | 3812413.81 | 0.52009    | (19121716) | 388799.03 |
| 3812392.38 | 0.52968    | (19121716) |            |           |
| 388810.15  | 3812370.95 | 0.53947    | (19121716) | 388821.26 |
| 3812349.51 | 0.54542    | (19121716) |            |           |
| 388832.38  | 3812328.08 | 0.54878    | (19121716) | 388843.50 |
| 3812306.64 | 0.55246    | (19121716) |            |           |
| 388854.62  | 3812285.21 | 0.55444    | (19121716) | 388865.74 |
| 3812263.78 | 0.55486    | (19121716) |            |           |
| 388876.86  | 3812242.34 | 0.55317    | (19121716) | 388887.98 |
| 3812220.91 | 0.54743    | (19121716) |            |           |
| 388899.10  | 3812199.47 | 0.54023    | (19121716) | 388910.22 |
| 3812178.04 | 0.53350    | (19121716) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1092

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388921.34   | 3812156.60  | 0.52599    | (19121716) | 388932.45   |
| 3812135.17  | 0.51890     | (19121716) |            |             |
| 388943.57   | 3812113.74  | 0.51201    | (19121716) | 388954.69   |
| 3812092.30  | 0.50642     | (19121716) |            |             |
| 388965.81   | 3812070.87  | 0.50140    | (19121716) | 388976.93   |
| 3812049.43  | 0.49591     | (19121716) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388988.05  | 3812028.00         | 0.48555 | (19121716) | 388999.17 |
| 3812006.56 | 0.47440 (19121716) |         |            |           |
| 389010.29  | 3811985.13         | 0.46298 | (19121716) | 389021.41 |
| 3811963.70 | 0.45251 (19121716) |         |            |           |
| 389032.53  | 3811942.26         | 0.44278 | (19121716) | 389043.65 |
| 3811920.83 | 0.43608 (20020416) |         |            |           |
| 389054.76  | 3811899.39         | 0.43236 | (20020416) | 389065.88 |
| 3811877.96 | 0.42481 (20020416) |         |            |           |
| 389077.00  | 3811856.52         | 0.41790 | (20020416) | 389088.12 |
| 3811835.09 | 0.41222 (20020416) |         |            |           |
| 389099.24  | 3811813.66         | 0.40856 | (20020416) | 389110.36 |
| 3811792.22 | 0.40510 (20020416) |         |            |           |
| 389121.48  | 3811770.79         | 0.40426 | (20020416) | 389132.60 |
| 3811749.35 | 0.40172 (20020416) |         |            |           |
| 389143.72  | 3811727.92         | 0.39653 | (20020416) | 389154.84 |
| 3811706.48 | 0.38959 (20020416) |         |            |           |
| 389165.96  | 3811685.05         | 0.38094 | (20020416) | 389177.07 |
| 3811663.62 | 0.37131 (20020416) |         |            |           |
| 389188.19  | 3811642.18         | 0.36088 | (20020416) | 389199.31 |
| 3811620.75 | 0.34959 (20020416) |         |            |           |
| 389210.43  | 3811599.31         | 0.33759 | (20020416) | 389221.55 |
| 3811577.88 | 0.33802 (18112616) |         |            |           |
| 389232.67  | 3811556.45         | 0.34167 | (18112616) | 389243.79 |
| 3811535.01 | 0.34535 (18112616) |         |            |           |
| 389254.91  | 3811513.58         | 0.34849 | (18112616) | 389266.03 |
| 3811492.14 | 0.35074 (18112616) |         |            |           |
| 389277.15  | 3811470.71         | 0.35303 | (18112616) | 389288.26 |
| 3811449.27 | 0.35430 (18112616) |         |            |           |
| 389299.38  | 3811427.84         | 0.35224 | (18112616) | 389310.50 |
| 3811406.41 | 0.34712 (18112616) |         |            |           |
| 389321.62  | 3811384.97         | 0.35093 | (18030624) | 389332.74 |
| 3811363.54 | 0.36738 (17012524) |         |            |           |
| 389343.86  | 3811342.10         | 0.39822 | (17012524) | 389354.98 |
| 3811320.67 | 0.44736 (17012524) |         |            |           |
| 389366.10  | 3811299.23         | 0.49009 | (17012524) | 389377.22 |
| 3811277.80 | 0.51418 (17012524) |         |            |           |
| 389388.34  | 3811256.37         | 0.51008 | (17012524) | 389399.46 |
| 3811234.93 | 0.51268 (17012524) |         |            |           |
| 389410.57  | 3811213.50         | 0.50798 | (17012524) | 389421.69 |
| 3811192.06 | 0.49594 (17012524) |         |            |           |
| 389432.81  | 3811170.63         | 0.49466 | (17012524) | 389443.93 |
| 3811149.19 | 0.48213 (17012524) |         |            |           |
| 389455.05  | 3811127.76         | 0.48013 | (17012524) | 389466.17 |
| 3811106.33 | 0.46751 (17012524) |         |            |           |
| 389477.29  | 3811084.89         | 0.45621 | (16120216) | 389488.41 |
| 3811063.46 | 0.45382 (16120216) |         |            |           |
| 389499.53  | 3811042.02         | 0.45158 | (16120216) | 389510.65 |
| 3811020.59 | 0.44835 (16120216) |         |            |           |
| 389521.76  | 3810999.16         | 0.44444 | (16120216) | 389532.88 |
| 3810977.72 | 0.44091 (16120216) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389544.00  | 3810956.29         | 0.43792 | (16120216) | 389555.12 |
| 3810934.85 | 0.46544 (19011508) |         |            |           |
| 389566.24  | 3810913.42         | 0.51309 | (19011508) | 389577.36 |
| 3810891.98 | 0.56042 (19011508) |         |            |           |
| 389588.48  | 3810870.55         | 0.61255 | (19011508) | 389599.60 |
| 3810849.12 | 0.67021 (19011508) |         |            |           |
| 389610.72  | 3810827.68         | 0.71700 | (19011508) | 389621.84 |
| 3810806.25 | 0.76215 (19011508) |         |            |           |
| 389632.96  | 3810784.81         | 0.80367 | (19011508) | 389644.07 |
| 3810763.38 | 0.82555 (19011508) |         |            |           |
| 389655.19  | 3810741.94         | 0.84031 | (19011508) | 389666.31 |
| 3810720.51 | 0.82699 (19011508) |         |            |           |
| 389677.43  | 3810699.08         | 0.80926 | (19011508) | 389688.55 |
| 3810677.64 | 0.78920 (19011508) |         |            |           |
| 389699.67  | 3810656.21         | 0.79011 | (17092524) | 389710.79 |
| 3810634.77 | 0.83537 (17092524) |         |            |           |
| 389721.91  | 3810613.34         | 0.87926 | (17092524) | 389733.03 |
| 3810591.90 | 0.92141 (17092524) |         |            |           |
| 389744.15  | 3810570.47         | 0.96188 | (17092524) | 389755.26 |
| 3810549.04 | 1.00241 (17092524) |         |            |           |
| 389766.38  | 3810527.60         | 1.03979 | (17092524) | 389777.50 |
| 3810506.17 | 1.09536 (18032808) |         |            |           |
| 389788.62  | 3810484.73         | 1.13815 | (18032808) | 389799.74 |
| 3810463.30 | 1.17541 (18032808) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1093

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389810.86   | 3810441.86         | 1.20266    | (18032808) | 389821.98   |
| 3810420.43  | 1.21804 (18032808) |            |            |             |
| 389833.10   | 3810399.00         | 1.29667    | (17122508) | 389844.22   |
| 3810377.56  | 1.36272 (17122508) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389855.34  | 3810356.13         | 1.40625 | (17122508) | 389866.46 |
| 3810334.69 | 1.39668 (17122508) |         |            |           |
| 389877.57  | 3810313.26         | 1.36836 | (17122508) | 389888.69 |
| 3810291.83 | 1.37849 (17122508) |         |            |           |
| 389899.81  | 3810270.39         | 1.59737 | (16110424) | 389910.93 |
| 3810248.96 | 1.78584 (16110424) |         |            |           |
| 389922.05  | 3810227.52         | 1.80004 | (16110424) | 389933.17 |
| 3810206.09 | 1.77509 (16110424) |         |            |           |
| 389944.29  | 3810184.65         | 1.81423 | (16110424) | 389955.41 |
| 3810163.22 | 1.92527 (16110424) |         |            |           |
| 389966.53  | 3810141.79         | 2.02291 | (16110424) | 389977.65 |
| 3810120.35 | 2.09599 (16110424) |         |            |           |
| 389988.76  | 3810098.92         | 2.14161 | (16110424) | 389999.88 |
| 3810077.48 | 2.16391 (16110424) |         |            |           |
| 390011.00  | 3810056.05         | 2.34291 | (16122124) | 390022.12 |
| 3810034.61 | 2.54304 (16122124) |         |            |           |
| 390033.24  | 3810013.18         | 2.75115 | (16122124) | 390044.36 |
| 3809991.75 | 2.97333 (16122124) |         |            |           |
| 390055.48  | 3809970.31         | 3.20436 | (16122124) | 390090.17 |
| 3809943.63 | 3.49745 (16122124) |         |            |           |
| 390113.74  | 3809938.39         | 3.50805 | (16122124) | 390137.31 |
| 3809933.15 | 3.46400 (16122124) |         |            |           |
| 390160.88  | 3809927.91         | 3.43143 | (16122124) | 390184.45 |
| 3809922.66 | 3.43391 (16122124) |         |            |           |
| 390208.02  | 3809917.42         | 3.41309 | (16122124) | 390231.59 |
| 3809912.18 | 3.30684 (16122124) |         |            |           |
| 390255.16  | 3809906.94         | 3.19017 | (16122124) | 390278.73 |
| 3809901.69 | 3.08525 (16122124) |         |            |           |
| 390302.30  | 3809896.45         | 2.95947 | (16122124) | 390325.88 |
| 3809891.21 | 2.77275 (16122124) |         |            |           |
| 390349.45  | 3809885.97         | 2.49989 | (16122124) | 390373.02 |
| 3809880.72 | 2.13229 (16122124) |         |            |           |
| 390396.59  | 3809875.48         | 1.97925 | (16122124) | 390420.16 |
| 3809870.24 | 2.10073 (16122124) |         |            |           |
| 390443.73  | 3809864.99         | 2.17747 | (16122124) | 390467.30 |
| 3809859.75 | 2.09715 (17021608) |         |            |           |
| 390490.87  | 3809854.51         | 1.93108 | (17021608) | 390514.44 |
| 3809849.27 | 1.75592 (17021608) |         |            |           |
| 390538.01  | 3809844.02         | 1.63574 | (17021608) | 390561.58 |
| 3809838.78 | 1.49498 (19120524) |         |            |           |
| 390585.15  | 3809833.54         | 1.24057 | (19120524) | 390608.72 |
| 3809828.30 | 1.22421 (19120524) |         |            |           |
| 390632.29  | 3809823.05         | 1.35972 | (17051824) | 390655.86 |
| 3809817.81 | 1.45280 (17051824) |         |            |           |
| 390679.43  | 3809812.57         | 1.68589 | (16011708) | 390703.00 |
| 3809807.32 | 1.94140 (16011708) |         |            |           |
| 390726.58  | 3809802.08         | 2.20573 | (16011708) | 390750.15 |
| 3809796.84 | 2.48251 (16011708) |         |            |           |
| 390773.72  | 3809791.60         | 2.74662 | (16011708) | 390797.29 |
| 3809786.35 | 2.97421 (16011708) |         |            |           |

|                                                                          |            |            |            |           |
|--------------------------------------------------------------------------|------------|------------|------------|-----------|
| 390820.86                                                                | 3809781.11 | 3.23524    | (16011708) | 390844.43 |
| 3809775.87                                                               | 3.47255    | (16011708) |            |           |
| 390868.00                                                                | 3809770.63 | 3.61590    | (16011708) | 390891.57 |
| 3809765.38                                                               | 3.74748    | (16011708) |            |           |
| 390915.14                                                                | 3809760.14 | 4.02481    | (16011708) | 390938.71 |
| 3809754.90                                                               | 4.22027    | (16011708) |            |           |
| 390962.28                                                                | 3809749.66 | 4.13442    | (16011708) | 390985.85 |
| 3809744.41                                                               | 3.82392    | (16011708) |            |           |
| 391009.42                                                                | 3809739.17 | 3.44547    | (16011708) | 391032.99 |
| 3809733.93                                                               | 3.02881    | (16011708) |            |           |
| 391056.56                                                                | 3809728.68 | 2.57864    | (16011708) | 391080.13 |
| 3809723.44                                                               | 2.20581    | (16011708) |            |           |
| 391103.71                                                                | 3809718.20 | 1.99351    | (16011708) | 391127.28 |
| 3809712.96                                                               | 1.85912    | (16011708) |            |           |
| 391150.85                                                                | 3809707.71 | 1.65441    | (16011708) | 391174.42 |
| 3809702.47                                                               | 1.66098    | (16011708) |            |           |
| 391197.99                                                                | 3809697.23 | 1.72611    | (16011708) | 391221.56 |
| 3809691.99                                                               | 1.63505    | (16011708) |            |           |
| 391245.13                                                                | 3809686.74 | 1.59109    | (18092724) | 391268.70 |
| 3809681.50                                                               | 1.57317    | (18092724) |            |           |
| 391292.27                                                                | 3809676.26 | 1.63398    | (19112424) | 391315.84 |
| 3809671.01                                                               | 1.70470    | (20021208) |            |           |
| 391339.41                                                                | 3809665.77 | 1.85394    | (20021208) | 391362.98 |
| 3809660.53                                                               | 2.00042    | (20021208) |            |           |
| 391386.55                                                                | 3809655.29 | 2.11895    | (20021208) | 391410.12 |
| 3809650.04                                                               | 2.22641    | (20021208) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |            |            |            |           |
| Study *** 02/10/26                                                       |            |            |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |            |            |            |           |
| *** 17:54:19                                                             |            |            |            |           |

PAGE 1094

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391433.69   | 3809644.80  | 2.32675    | (20021208) | 391457.26   |
| 3809639.56  | 2.37992     | (20021208) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391480.84  | 3809634.32 | 2.43577    | (20013024) | 391504.41 |
| 3809629.07 | 2.62795    | (20013024) |            |           |
| 391527.98  | 3809623.83 | 2.84383    | (20013024) | 391551.55 |
| 3809618.59 | 3.05306    | (20013024) |            |           |
| 391575.12  | 3809613.35 | 3.20820    | (20013024) | 391598.69 |
| 3809608.10 | 3.33990m   | (18120924) |            |           |
| 391622.26  | 3809602.86 | 3.48290m   | (18120924) | 391645.83 |
| 3809597.62 | 3.52411m   | (18120924) |            |           |
| 391669.40  | 3809592.37 | 3.53104m   | (18120924) | 391692.97 |
| 3809587.13 | 3.55370m   | (18120924) |            |           |
| 391716.54  | 3809581.89 | 3.61386m   | (18120924) | 391740.11 |
| 3809576.65 | 3.65018m   | (18120924) |            |           |
| 391763.68  | 3809571.40 | 3.63254m   | (18120924) | 391787.25 |
| 3809566.16 | 3.74810    | (18120308) |            |           |
| 391810.82  | 3809560.92 | 3.91198    | (18120308) | 391834.39 |
| 3809555.68 | 4.04153    | (18120308) |            |           |
| 391857.97  | 3809550.43 | 4.13834    | (18120308) | 391881.54 |
| 3809545.19 | 4.18210    | (18120308) |            |           |
| 391905.11  | 3809539.95 | 4.17562    | (18120308) | 391928.68 |
| 3809534.70 | 4.10323    | (20010224) |            |           |
| 391952.25  | 3809529.46 | 4.22505    | (20010224) | 391975.82 |
| 3809524.22 | 4.24534    | (20010224) |            |           |
| 391999.39  | 3809518.98 | 4.24514    | (17123108) | 392022.96 |
| 3809513.73 | 4.54947    | (17123108) |            |           |
| 392046.53  | 3809508.49 | 4.83459    | (17123108) | 392070.10 |
| 3809503.25 | 5.00561    | (17123108) |            |           |
| 392093.67  | 3809498.01 | 5.02151    | (17123108) | 392117.24 |
| 3809492.76 | 4.90524    | (17123108) |            |           |
| 392140.81  | 3809487.52 | 4.88106    | (17123108) | 392164.38 |
| 3809482.28 | 4.89545    | (17123108) |            |           |
| 392187.95  | 3809477.04 | 4.82717    | (17123108) | 392211.52 |
| 3809471.79 | 4.66344    | (17123108) |            |           |
| 392235.10  | 3809466.55 | 4.73320    | (17102724) | 392258.67 |
| 3809461.31 | 5.21773    | (17102724) |            |           |
| 392282.24  | 3809456.06 | 5.44762    | (17102724) | 392305.81 |
| 3809450.82 | 5.60515    | (17102724) |            |           |
| 392329.38  | 3809445.58 | 5.69181    | (17102724) | 392352.95 |
| 3809440.34 | 5.70405    | (17102724) |            |           |
| 392376.52  | 3809435.09 | 5.64120    | (17102724) | 392400.09 |
| 3809429.85 | 5.50559    | (17102724) |            |           |
| 392423.66  | 3809424.61 | 5.30233    | (17102724) | 392447.23 |
| 3809419.37 | 5.03904    | (17102724) |            |           |
| 392470.80  | 3809414.12 | 4.95465    | (19020708) | 392494.37 |
| 3809408.88 | 5.29191    | (19020708) |            |           |
| 392517.94  | 3809403.64 | 5.57738    | (19020708) | 392541.51 |
| 3809398.39 | 5.80038    | (19020708) |            |           |
| 392565.08  | 3809393.15 | 5.95223    | (19020708) | 392588.65 |
| 3809387.91 | 6.02686    | (19020708) |            |           |
| 392612.22  | 3809382.67 | 6.02118    | (19020708) | 392635.80 |
| 3809377.42 | 5.93521    | (19020708) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392659.37  | 3809372.18 | 5.77235    | (19020708) | 392682.94 |
| 3809366.94 | 5.53884    | (19020708) |            |           |
| 392706.51  | 3809361.70 | 5.24354    | (19020708) | 392730.08 |
| 3809356.45 | 5.19910    | (17021124) |            |           |
| 392753.65  | 3809351.21 | 5.53454    | (17021124) | 392777.22 |
| 3809345.97 | 5.81266    | (17021124) |            |           |
| 392800.79  | 3809340.73 | 6.02286    | (17021124) | 392824.36 |
| 3809335.48 | 6.15684    | (17021124) |            |           |
| 392847.93  | 3809330.24 | 6.20918    | (17021124) | 392871.50 |
| 3809325.00 | 6.17769    | (17021124) |            |           |
| 392895.07  | 3809319.75 | 6.06352    | (17021124) | 392918.64 |
| 3809314.51 | 5.87121    | (17021124) |            |           |
| 392942.21  | 3809309.27 | 5.60825    | (17021124) | 392965.78 |
| 3809304.03 | 5.39656    | (20031208) |            |           |
| 392989.35  | 3809298.78 | 5.39320    | (20031208) | 393012.93 |
| 3809293.54 | 5.31697    | (20031208) |            |           |
| 393036.50  | 3809288.30 | 5.17096    | (20031208) | 393060.07 |
| 3809283.06 | 4.96091    | (20031208) |            |           |
| 393083.64  | 3809277.81 | 4.82203    | (16102924) | 393107.21 |
| 3809272.57 | 5.20416    | (16102924) |            |           |
| 393130.78  | 3809267.33 | 5.54052    | (16102924) | 393154.35 |
| 3809262.08 | 5.81875    | (16102924) |            |           |
| 393177.92  | 3809256.84 | 6.02816    | (16102924) | 393201.49 |
| 3809251.60 | 6.16049    | (16102924) |            |           |
| 393225.06  | 3809246.36 | 6.21044    | (16102924) | 393248.63 |
| 3809241.11 | 6.17593    | (16102924) |            |           |
| 393272.20  | 3809235.87 | 6.05838    | (16102924) | 393295.77 |
| 3809230.63 | 5.98085    | (16040124) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1095

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393319.34  | 3809225.39         | 6.13789 | (16040124) | 393342.91 |
| 3809220.14 | 6.21385 (16040124) |         |            |           |
| 393366.48  | 3809214.90         | 6.20565 | (16040124) | 393390.06 |
| 3809209.66 | 6.11357 (16040124) |         |            |           |
| 393413.63  | 3809204.42         | 5.94142 | (16040124) | 393437.20 |
| 3809199.17 | 5.69600 (16040124) |         |            |           |
| 393460.77  | 3809193.93         | 5.38691 | (16040124) | 393484.34 |
| 3809188.69 | 5.02573 (16040124) |         |            |           |
| 393507.91  | 3809183.44         | 5.12886 | (16010224) | 393531.48 |
| 3809178.20 | 5.38224 (16010224) |         |            |           |
| 393555.05  | 3809172.96         | 5.57138 | (16010224) | 393578.62 |
| 3809167.72 | 5.68974 (16010224) |         |            |           |
| 393602.19  | 3809162.47         | 5.73208 | (16010224) | 393625.76 |
| 3809157.23 | 5.69675 (16010224) |         |            |           |
| 393649.33  | 3809151.99         | 5.58526 | (16010224) | 393672.90 |
| 3809146.75 | 5.40211 (16010224) |         |            |           |
| 393696.47  | 3809141.50         | 5.15455 | (16010224) | 393720.04 |
| 3809136.26 | 4.97281 (17012524) |         |            |           |
| 393743.61  | 3809131.02         | 5.33662 | (17012524) | 393767.19 |
| 3809125.77 | 5.64995 (17012524) |         |            |           |
| 393790.76  | 3809120.53         | 5.90098 | (17012524) | 393814.33 |
| 3809115.29 | 6.08031 (17012524) |         |            |           |
| 393837.90  | 3809110.05         | 6.18097 | (17012524) | 393861.47 |
| 3809104.80 | 6.19905 (17012524) |         |            |           |
| 393885.04  | 3809099.56         | 6.13394 | (17012524) | 393908.61 |
| 3809094.32 | 5.98836 (17012524) |         |            |           |
| 393932.18  | 3809089.08         | 5.76818 | (17012524) | 393955.75 |
| 3809083.83 | 5.65454 (16122608) |         |            |           |
| 393979.32  | 3809078.59         | 5.64066 | (16122608) | 394002.89 |
| 3809073.35 | 5.56072 (16122608) |         |            |           |
| 394026.46  | 3809068.11         | 5.69795 | (17121824) | 394050.03 |
| 3809062.86 | 5.92668 (17121824) |         |            |           |
| 394073.60  | 3809057.62         | 6.08267 | (17121824) | 394097.17 |
| 3809052.38 | 6.15996 (17121824) |         |            |           |
| 394120.74  | 3809047.13         | 6.15565 | (17121824) | 394144.32 |
| 3809041.89 | 6.07003 (17121824) |         |            |           |
| 394167.89  | 3809036.65         | 5.90671 | (17121824) | 394191.46 |
| 3809031.41 | 5.67214 (17121824) |         |            |           |
| 394215.03  | 3809026.16         | 5.37533 | (17121824) | 394238.60 |
| 3809020.92 | 5.02730 (17121824) |         |            |           |
| 394262.17  | 3809015.68         | 4.64030 | (17121824) | 394285.74 |
| 3809010.44 | 4.52417 (16012124) |         |            |           |
| 394309.31  | 3809005.19         | 4.69136 | (16012124) | 394332.88 |
| 3808999.95 | 4.80112 (16012124) |         |            |           |
| 394356.45  | 3808994.71         | 4.95259 | (17122408) | 394380.02 |
| 3808989.47 | 5.30111 (17122408) |         |            |           |
| 394403.59  | 3808984.22         | 5.60017 | (17122408) | 394427.16 |
| 3808978.98 | 5.83920 (17122408) |         |            |           |
| 394450.73  | 3808973.74         | 6.00950 | (17122408) | 394474.30 |
| 3808968.49 | 6.10481 (17122408) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394497.87  | 3808963.25         | 6.12170 | (17122408) | 394521.45 |
| 3808958.01 | 6.05969 (17122408) |         |            |           |
| 394545.02  | 3808952.77         | 5.92145 | (17122408) | 394568.59 |
| 3808947.52 | 5.71239 (17122408) |         |            |           |
| 394592.16  | 3808942.28         | 5.44050 | (17122408) | 394615.73 |
| 3808937.04 | 5.11570 (17122408) |         |            |           |
| 394639.30  | 3808931.80         | 5.32470 | (18061208) | 394662.87 |
| 3808926.55 | 5.61278 (18061208) |         |            |           |
| 394686.44  | 3808921.31         | 5.84239 | (18061208) | 394710.01 |
| 3808916.07 | 6.00536 (18061208) |         |            |           |
| 394733.58  | 3808910.82         | 6.09583 | (18061208) | 394757.15 |
| 3808905.58 | 6.11062 (18061208) |         |            |           |
| 394780.72  | 3808900.34         | 6.04938 | (18061208) | 394804.29 |
| 3808895.10 | 5.91460 (18061208) |         |            |           |
| 394827.86  | 3808889.85         | 5.71146 | (18061208) | 394851.43 |
| 3808884.61 | 5.44751 (18061208) |         |            |           |
| 394875.00  | 3808879.37         | 5.47298 | (20113008) | 394898.57 |
| 3808874.13 | 5.45714 (20113008) |         |            |           |
| 394922.15  | 3808868.88         | 5.37411 | (20113008) | 394945.72 |
| 3808863.64 | 5.22727 (20113008) |         |            |           |
| 394969.29  | 3808858.40         | 5.02212 | (20113008) | 394992.86 |
| 3808853.16 | 4.76611 (20113008) |         |            |           |
| 395016.43  | 3808847.91         | 4.97190 | (16010224) | 395040.00 |
| 3808842.67 | 5.28544 (16010224) |         |            |           |
| 395063.57  | 3808837.43         | 5.55005 | (16010224) | 395087.14 |
| 3808832.18 | 5.75693 (16010224) |         |            |           |
| 395110.71  | 3808826.94         | 5.89913 | (16010224) | 395134.28 |
| 3808821.70 | 5.97186 (16010224) |         |            |           |
| 395157.85  | 3808816.46         | 5.97281 | (16010224) | 395181.42 |
| 3808811.21 | 5.90224 (16010224) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1096

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395204.99  | 3808805.97          | 5.76299  | (16010224) | 395228.56 |
| 3808800.73 | 5.56022 (16010224)  |          |            |           |
| 395252.13  | 3808795.49          | 5.30118  | (16010224) | 395275.70 |
| 3808790.24 | 4.99471 (16010224)  |          |            |           |
| 395299.28  | 3808785.00          | 5.12424  | (16120408) | 395322.85 |
| 3808779.76 | 5.40041 (16120408)  |          |            |           |
| 395346.42  | 3808774.51          | 5.62436  | (16120408) | 395369.99 |
| 3808769.27 | 5.78890 (16120408)  |          |            |           |
| 395393.56  | 3808764.03          | 5.88868  | (16120408) | 395417.13 |
| 3808758.79 | 5.92058 (16120408)  |          |            |           |
| 395440.70  | 3808753.54          | 5.88379  | (16120408) | 395464.27 |
| 3808748.30 | 5.77994 (16120408)  |          |            |           |
| 395487.84  | 3808743.06          | 5.61288  | (16120408) | 395511.41 |
| 3808737.82 | 5.38850 (16120408)  |          |            |           |
| 395534.98  | 3808732.57          | 5.11440  | (16120408) | 395558.55 |
| 3808727.33 | 4.79941 (16120408)  |          |            |           |
| 395582.12  | 3808722.09          | 4.67847c | (17011624) | 395605.69 |
| 3808716.85 | 4.58776c (17011624) |          |            |           |
| 395629.26  | 3808711.60          | 4.44836c | (17011624) | 395652.83 |
| 3808706.36 | 4.26508c (17011624) |          |            |           |
| 395676.41  | 3808701.12          | 4.22024  | (20031108) | 395699.98 |
| 3808695.87 | 4.22744 (20031108)  |          |            |           |
| 395723.55  | 3808690.63          | 4.18774  | (20031108) | 395747.12 |
| 3808685.39 | 4.10270 (20031108)  |          |            |           |
| 395770.69  | 3808680.15          | 4.21831  | (17031708) | 395794.26 |
| 3808674.90 | 4.31660 (17031708)  |          |            |           |
| 395817.83  | 3808669.66          | 4.36883  | (17031708) | 395841.40 |
| 3808664.42 | 4.37356 (17031708)  |          |            |           |
| 395864.97  | 3808659.18          | 4.51138  | (16022408) | 395888.54 |
| 3808653.93 | 4.76203 (16022408)  |          |            |           |
| 395912.11  | 3808648.69          | 4.98189  | (16022408) | 395935.68 |
| 3808643.45 | 5.16766 (16022408)  |          |            |           |
| 395959.25  | 3808638.20          | 5.31729  | (16022408) | 395982.82 |
| 3808632.96 | 5.43016 (16022408)  |          |            |           |
| 396006.39  | 3808627.72          | 5.50687  | (16022408) | 396029.96 |
| 3808622.48 | 5.54928 (16022408)  |          |            |           |
| 396053.54  | 3808617.23          | 5.56024  | (16022408) | 396077.11 |
| 3808611.99 | 5.54626 (20021824)  |          |            |           |
| 396100.68  | 3808606.75          | 5.61720  | (20021824) | 396124.25 |
| 3808601.51 | 5.63003 (20021824)  |          |            |           |
| 396147.82  | 3808596.26          | 5.58468  | (20021824) | 396171.39 |
| 3808591.02 | 5.48292 (20021824)  |          |            |           |
| 396194.96  | 3808585.78          | 5.41626  | (16010908) | 396218.53 |
| 3808580.54 | 5.55048 (16010908)  |          |            |           |
| 396242.10  | 3808575.29          | 5.63011  | (16010908) | 396265.67 |
| 3808570.05 | 5.65313 (16010908)  |          |            |           |
| 396289.24  | 3808564.81          | 5.61917  | (16010908) | 396312.81 |
| 3808559.56 | 5.52960 (16010908)  |          |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 396336.38  | 3808554.32          | 5.38742  | (16010908) | 396359.95 |
| 3808549.08 | 5.46545 (18020908)  |          |            |           |
| 396383.52  | 3808543.84          | 5.55679  | (18020908) | 396407.09 |
| 3808538.59 | 5.59396 (18020908)  |          |            |           |
| 396430.67  | 3808533.35          | 5.57621  | (18020908) | 396454.24 |
| 3808528.11 | 5.50441 (18020908)  |          |            |           |
| 396477.81  | 3808522.87          | 5.38099  | (18020908) | 387008.86 |
| 3815843.29 | 4.59458 (16060408)  |          |            |           |
| 387007.85  | 3815867.50          | 4.50956  | (16060408) | 387006.83 |
| 3815891.71 | 4.27271 (16060408)  |          |            |           |
| 387005.82  | 3815915.91          | 4.03574  | (16060408) | 387004.81 |
| 3815940.12 | 3.93206c (20122908) |          |            |           |
| 387003.79  | 3815964.33          | 3.95600c | (20122908) | 387002.78 |
| 3815988.53 | 3.93505c (20122908) |          |            |           |
| 385687.84  | 3815766.04          | 4.67408  | (16060408) | 385698.98 |
| 3815744.56 | 4.64772 (16060408)  |          |            |           |
| 385710.12  | 3815723.08          | 4.55568  | (16060408) | 385721.27 |
| 3815701.60 | 4.32915 (16060408)  |          |            |           |
| 385732.41  | 3815680.12          | 3.96791  | (16060408) | 385743.55 |
| 3815658.64 | 3.81121 (19020108)  |          |            |           |
| 385754.70  | 3815637.15          | 3.63794  | (19020108) | 385765.84 |
| 3815615.67 | 3.52327 (19020108)  |          |            |           |
| 385776.99  | 3815594.19          | 3.31470  | (19020108) | 385788.13 |
| 3815572.71 | 3.12193 (20122524)  |          |            |           |
| 385799.27  | 3815551.23          | 2.98000  | (20122524) | 385810.42 |
| 3815529.75 | 2.76109 (20122524)  |          |            |           |
| 385821.56  | 3815508.27          | 2.70379  | (17122424) | 385832.70 |
| 3815486.78 | 2.66587 (17122424)  |          |            |           |
| 385843.85  | 3815465.30          | 2.52060  | (17122424) | 385854.99 |
| 3815443.82 | 2.47084 (17122424)  |          |            |           |
| 385866.13  | 3815422.34          | 2.55872  | (17122424) | 385877.28 |
| 3815400.86 | 2.67407 (16012224)  |          |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1097

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 385888.42   | 3815379.38          | 2.80228    | (16012224) | 385899.56   |
| 3815357.89  | 2.94665 (16012224)  |            |            |             |
| 385910.71   | 3815336.41          | 3.14000    | (16012224) | 385921.85   |
| 3815314.93  | 3.28751 (16012224)  |            |            |             |
| 385933.00   | 3815293.45          | 3.28730    | (16012224) | 385944.14   |
| 3815271.97  | 2.97815 (16012224)  |            |            |             |
| 385955.28   | 3815250.49          | 2.61580    | (16012224) | 385966.43   |
| 3815229.00  | 2.37630 (18091708)  |            |            |             |
| 385977.57   | 3815207.52          | 2.28793    | (18091708) | 385988.71   |
| 3815186.04  | 2.25288 (18091708)  |            |            |             |
| 385999.86   | 3815164.56          | 2.18787    | (18091708) | 386011.00   |
| 3815143.08  | 2.05939 (18091708)  |            |            |             |
| 386022.14   | 3815121.60          | 1.96112    | (18091708) | 386033.29   |
| 3815100.12  | 1.98938 (20091208)  |            |            |             |
| 386044.43   | 3815078.63          | 2.26307    | (20091208) | 386055.58   |
| 3815057.15  | 2.67061 (20091208)  |            |            |             |
| 386066.72   | 3815035.67          | 3.15653    | (20091208) | 386077.86   |
| 3815014.19  | 3.69674 (20091208)  |            |            |             |
| 386089.01   | 3814992.71          | 4.16603    | (20091208) | 386100.15   |
| 3814971.23  | 4.51746 (20091208)  |            |            |             |
| 386111.29   | 3814949.74          | 4.65312    | (20091208) | 386122.44   |
| 3814928.26  | 4.66737 (20122524)  |            |            |             |
| 386133.58   | 3814906.78          | 4.67706    | (20122524) | 386144.72   |
| 3814885.30  | 4.63467 (20122524)  |            |            |             |
| 386155.87   | 3814863.82          | 4.68728    | (20122524) | 386167.01   |
| 3814842.34  | 4.70649 (20122524)  |            |            |             |
| 386178.16   | 3814820.85          | 4.73902c   | (20101508) | 386189.30   |
| 3814799.37  | 4.89819c (20101508) |            |            |             |
| 386200.44   | 3814777.89          | 5.01706c   | (20101508) | 386211.59   |
| 3814756.41  | 5.09231c (20101508) |            |            |             |
| 386222.73   | 3814734.93          | 5.12170c   | (20101508) | 386233.87   |
| 3814713.45  | 5.10425c (20101508) |            |            |             |
| 386245.02   | 3814691.96          | 5.04019c   | (20101508) | 386256.16   |
| 3814670.48  | 4.93115c (20101508) |            |            |             |
| 386267.30   | 3814649.00          | 4.77989c   | (20101508) | 386278.45   |
| 3814627.52  | 4.59027c (20101508) |            |            |             |
| 386289.59   | 3814606.04          | 4.36710c   | (20101508) | 386300.73   |
| 3814584.56  | 4.26242 (18092308)  |            |            |             |
| 386311.88   | 3814563.08          | 4.44324    | (17022608) | 386323.02   |
| 3814541.59  | 4.64686 (17022608)  |            |            |             |
| 386334.17   | 3814520.11          | 4.89974    | (18031124) | 386345.31   |
| 3814498.63  | 5.21212 (18031124)  |            |            |             |
| 386356.45   | 3814477.15          | 5.50429    | (18031124) | 386367.60   |
| 3814455.67  | 5.57616 (18031124)  |            |            |             |
| 386378.74   | 3814434.19          | 5.28064    | (18031124) | 386389.88   |
| 3814412.70  | 4.87761 (18031124)  |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386401.03  | 3814391.22 | 4.47645    | (18031124) | 386412.17 |
| 3814369.74 | 3.81709    | (18031124) |            |           |
| 386423.31  | 3814348.26 | 3.23117    | (18031124) | 386434.46 |
| 3814326.78 | 2.70300    | (18031124) |            |           |
| 386445.60  | 3814305.30 | 2.27189    | (18031124) | 386456.75 |
| 3814283.81 | 1.88072    | (18031124) |            |           |
| 386467.89  | 3814262.33 | 1.53351    | (18031124) | 386479.03 |
| 3814240.85 | 1.28500    | (18031124) |            |           |
| 386490.18  | 3814219.37 | 1.05917    | (18031124) | 386501.32 |
| 3814197.89 | 0.89341    | (18031124) |            |           |
| 386512.46  | 3814176.41 | 0.81842    | (19012208) | 386523.61 |
| 3814154.93 | 0.89668    | (18031124) |            |           |
| 386534.75  | 3814133.44 | 1.05163    | (18031124) | 386545.89 |
| 3814111.96 | 1.19588    | (18031124) |            |           |
| 386557.04  | 3814090.48 | 1.13189    | (18031124) | 386568.18 |
| 3814069.00 | 1.09097    | (19091724) |            |           |
| 386579.33  | 3814047.52 | 1.14419    | (19091724) | 386590.47 |
| 3814026.04 | 1.28965    | (19091724) |            |           |
| 386601.61  | 3814004.55 | 1.45307    | (19091724) | 386612.76 |
| 3813983.07 | 1.60100    | (19091724) |            |           |
| 386623.90  | 3813961.59 | 1.72680    | (19091724) | 386635.04 |
| 3813940.11 | 1.70025    | (19091724) |            |           |
| 386646.19  | 3813918.63 | 1.62899    | (19091724) | 386657.33 |
| 3813897.15 | 1.52100    | (19091724) |            |           |
| 386668.47  | 3813875.66 | 1.40976    | (19091724) | 386679.62 |
| 3813854.18 | 1.26681    | (19091724) |            |           |
| 386690.76  | 3813832.70 | 1.07980    | (19091724) | 386701.91 |
| 3813811.22 | 0.89585    | (18012724) |            |           |
| 386713.05  | 3813789.74 | 0.86302    | (18012724) | 386724.19 |
| 3813768.26 | 0.85072    | (18012724) |            |           |
| 386735.34  | 3813746.78 | 0.87718    | (18012724) | 386746.48 |
| 3813725.29 | 0.89419    | (18012724) |            |           |
| 386757.62  | 3813703.81 | 0.91653    | (18012724) | 386768.77 |
| 3813682.33 | 0.95045    | (18012724) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1098

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 386779.91                  | 3813660.85                     | 1.13090 | (19012824) | 386791.05   |
| 3813639.37                 | 1.37873 (19012824)             |         |            |             |
| 386802.20                  | 3813617.89                     | 1.64998 | (20010724) | 386813.34   |
| 3813596.40                 | 1.98650 (20010724)             |         |            |             |
| 386824.48                  | 3813574.92                     | 2.35352 | (20010724) | 386835.63   |
| 3813553.44                 | 2.73927 (20010724)             |         |            |             |
| 386846.77                  | 3813531.96                     | 3.15708 | (20010724) | 386857.92   |
| 3813510.48                 | 3.46489 (20010724)             |         |            |             |
| 386869.06                  | 3813489.00                     | 3.72660 | (20010724) | 386880.20   |
| 3813467.51                 | 4.10447 (18012224)             |         |            |             |
| 386891.35                  | 3813446.03                     | 4.59237 | (18012224) | 386902.49   |
| 3813424.55                 | 4.97917 (18012224)             |         |            |             |
| 386913.63                  | 3813403.07                     | 5.09827 | (18012224) | 386924.78   |
| 3813381.59                 | 5.16606 (18012224)             |         |            |             |
| 386935.92                  | 3813360.11                     | 5.18030 | (18012224) | 386947.06   |
| 3813338.62                 | 5.14045 (18012224)             |         |            |             |
| 386958.21                  | 3813317.14                     | 5.04769 | (18012224) | 386969.35   |
| 3813295.66                 | 4.90481 (18012224)             |         |            |             |
| 386980.50                  | 3813274.18                     | 4.73387 | (19091808) | 386991.64   |
| 3813252.70                 | 4.80545 (19091808)             |         |            |             |
| 387002.78                  | 3813231.22                     | 4.82706 | (19091808) | 387013.93   |
| 3813209.74                 | 4.79795 (19091808)             |         |            |             |
| 387025.07                  | 3813188.25                     | 4.75544 | (17092824) | 387036.21   |
| 3813166.77                 | 4.93825 (17092824)             |         |            |             |
| 387047.36                  | 3813145.29                     | 5.07427 | (17092824) | 387058.50   |
| 3813123.81                 | 5.15920 (17092824)             |         |            |             |
| 387069.64                  | 3813102.33                     | 5.19035 | (17092824) | 387080.79   |
| 3813080.85                 | 5.16668 (17092824)             |         |            |             |
| 387091.93                  | 3813059.36                     | 5.08881 | (17092824) | 387103.08   |
| 3813037.88                 | 4.95920 (17092824)             |         |            |             |
| 387114.22                  | 3813016.40                     | 4.78180 | (17092824) | 387125.36   |
| 3812994.92                 | 4.56194 (17092824)             |         |            |             |
| 387136.51                  | 3812973.44                     | 4.30603 | (17092824) | 387147.65   |
| 3812951.96                 | 4.50053 (20021308)             |         |            |             |
| 387158.79                  | 3812930.47                     | 4.73720 | (20021308) | 387169.94   |
| 3812908.99                 | 4.93347 (20021308)             |         |            |             |
| 387181.08                  | 3812887.51                     | 5.08340 | (20021308) | 387192.22   |
| 3812866.03                 | 5.18238 (20021308)             |         |            |             |
| 387203.37                  | 3812844.55                     | 5.22726 | (20021308) | 387214.51   |
| 3812823.07                 | 5.21655 (20021308)             |         |            |             |
| 387225.65                  | 3812801.59                     | 5.15058 | (20021308) | 387236.80   |
| 3812780.10                 | 5.03133 (20021308)             |         |            |             |
| 387247.94                  | 3812758.62                     | 4.86263 | (20021308) | 387259.09   |
| 3812737.14                 | 4.64955 (20021308)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387270.23  | 3812715.66 | 4.62938    | (19083008) | 387281.37 |
| 3812694.18 | 4.62310    | (19083008) |            |           |
| 387292.52  | 3812672.70 | 4.56883    | (19083008) | 387303.66 |
| 3812651.21 | 4.46816    | (19083008) |            |           |
| 387314.80  | 3812629.73 | 4.32428    | (19083008) | 387325.95 |
| 3812608.25 | 4.33884    | (18010524) |            |           |
| 387337.09  | 3812586.77 | 4.38605    | (18010524) | 387348.23 |
| 3812565.29 | 4.38659    | (18010524) |            |           |
| 387359.38  | 3812543.81 | 4.34041    | (18010524) | 387370.52 |
| 3812522.32 | 4.24895    | (18010524) |            |           |
| 387381.67  | 3812500.84 | 4.11514    | (18010524) | 387392.81 |
| 3812479.36 | 3.94311    | (18010524) |            |           |
| 387403.95  | 3812457.88 | 3.73804    | (18010524) | 387415.10 |
| 3812436.40 | 3.71052    | (18050708) |            |           |
| 387426.24  | 3812414.92 | 3.67531    | (18050708) | 387437.38 |
| 3812393.43 | 3.51859    | (18050708) |            |           |
| 387448.53  | 3812371.95 | 3.24920    | (18050708) | 387459.67 |
| 3812350.47 | 3.11122    | (17031508) |            |           |
| 387470.81  | 3812328.99 | 3.17943    | (20030124) | 387481.96 |
| 3812307.51 | 3.47745    | (20030124) |            |           |
| 387493.10  | 3812286.03 | 3.78254    | (20030124) | 387504.25 |
| 3812264.55 | 3.91759    | (20030124) |            |           |
| 387515.39  | 3812243.06 | 3.85461    | (20030124) | 387526.53 |
| 3812221.58 | 3.53426    | (20030124) |            |           |
| 387537.68  | 3812200.10 | 3.23257    | (20030124) | 387548.82 |
| 3812178.62 | 2.84046    | (20030124) |            |           |
| 387559.96  | 3812157.14 | 2.46708    | (20030124) | 387571.11 |
| 3812135.66 | 2.10802    | (20030124) |            |           |
| 387582.25  | 3812114.17 | 1.79415    | (20030124) | 387593.39 |
| 3812092.69 | 1.47676    | (20030124) |            |           |
| 387604.54  | 3812071.21 | 1.17277    | (20030124) | 387615.68 |
| 3812049.73 | 1.00210    | (20030124) |            |           |
| 387626.83  | 3812028.25 | 0.84581    | (20030124) | 387637.97 |
| 3812006.77 | 0.75339    | (20030124) |            |           |
| 387649.11  | 3811985.28 | 0.67270    | (20030124) | 387660.26 |
| 3811963.80 | 0.61525m   | (16072108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1099

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|----------|------------|-------------|
| -----       |             |                     |            |          |            |             |
| 3811920.84  | 387671.40   | 3811942.32          |            | 0.58194m | (16072108) | 387682.54   |
|             |             | 0.53307m            | (16072108) |          |            |             |
| 3811877.88  | 387693.69   | 3811899.36          |            | 0.47808m | (16072108) | 387704.83   |
|             |             | 0.44403             | (19121716) |          |            |             |
| 3811834.91  | 387715.97   | 3811856.40          |            | 0.44548  | (19121716) | 387727.12   |
|             |             | 0.44270             | (19121716) |          |            |             |
| 3811791.95  | 387738.26   | 3811813.43          |            | 0.44848  | (19121716) | 387749.40   |
|             |             | 0.46018             | (19121716) |          |            |             |
| 3811748.99  | 387760.55   | 3811770.47          |            | 0.47362  | (19121716) | 387771.69   |
|             |             | 0.48439             | (19121716) |          |            |             |
| 3811706.02  | 387782.84   | 3811727.51          |            | 0.49048  | (19121716) | 387793.98   |
|             |             | 0.49204             | (19121716) |          |            |             |
| 3811663.06  | 387805.12   | 3811684.54          |            | 0.49251  | (19121716) | 387816.27   |
|             |             | 0.49122             | (19121716) |          |            |             |
| 3811620.10  | 387827.41   | 3811641.58          |            | 0.48878  | (19121716) | 387838.55   |
|             |             | 0.48558             | (19121716) |          |            |             |
| 3811577.13  | 387849.70   | 3811598.62          |            | 0.48167  | (19121716) | 387860.84   |
|             |             | 0.47730             | (19121716) |          |            |             |
| 3811534.17  | 387871.98   | 3811555.65          |            | 0.47278  | (19121716) | 387883.13   |
|             |             | 0.46687             | (19121716) |          |            |             |
| 3811491.21  | 387894.27   | 3811512.69          |            | 0.45999  | (19121716) | 387905.42   |
|             |             | 0.45275             | (19121716) |          |            |             |
| 3811448.25  | 387916.56   | 3811469.73          |            | 0.44472  | (19121716) | 387927.70   |
|             |             | 0.43773             | (19121716) |          |            |             |
| 3811405.28  | 387938.85   | 3811426.76          |            | 0.42828  | (19121716) | 387949.99   |
|             |             | 0.41832             | (19121716) |          |            |             |
| 3811362.32  | 387961.13   | 3811383.80          |            | 0.40827  | (19121716) | 387972.28   |
|             |             | 0.39717             | (19121716) |          |            |             |
| 3811319.36  | 387983.42   | 3811340.84          |            | 0.38608  | (19121716) | 387994.56   |
|             |             | 0.37689             | (19121716) |          |            |             |
| 3811276.39  | 388005.71   | 3811297.87          |            | 0.36889  | (19121716) | 388016.85   |
|             |             | 0.36001             | (19121716) |          |            |             |
| 3811233.43  | 388028.00   | 3811254.91          |            | 0.35054  | (19121716) | 388039.14   |
|             |             | 0.34104             | (19121716) |          |            |             |
| 3811190.47  | 388050.28   | 3811211.95          |            | 0.33210  | (19121716) | 388061.43   |
|             |             | 0.32387             | (19121716) |          |            |             |
| 3811147.50  | 388072.57   | 3811168.98          |            | 0.32137  | (20020416) | 388083.71   |
|             |             | 0.32018             | (20020416) |          |            |             |
| 3811104.54  | 388094.86   | 3811126.02          |            | 0.31808  | (20020416) | 388106.00   |
|             |             | 0.31566             | (20020416) |          |            |             |
| 3811061.58  | 388117.14   | 3811083.06          |            | 0.31275  | (20020416) | 388128.29   |
|             |             | 0.30963             | (20020416) |          |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388139.43  | 3811040.09 | 0.30652    | (20020416) | 388150.57 |
| 3811018.61 | 0.30295    | (20020416) |            |           |
| 388161.72  | 3810997.13 | 0.30027    | (20020416) | 388172.86 |
| 3810975.65 | 0.29601    | (20020416) |            |           |
| 388184.01  | 3810954.17 | 0.29226    | (20020416) | 388195.15 |
| 3810932.69 | 0.28720    | (20020416) |            |           |
| 388206.29  | 3810911.21 | 0.28233    | (20020416) | 388217.44 |
| 3810889.72 | 0.27712    | (20020416) |            |           |
| 388228.58  | 3810868.24 | 0.27199    | (20020416) | 388239.72 |
| 3810846.76 | 0.26557    | (20020416) |            |           |
| 388250.87  | 3810825.28 | 0.25820    | (20020416) | 388262.01 |
| 3810803.80 | 0.25065    | (20020416) |            |           |
| 388273.15  | 3810782.32 | 0.24951    | (18112616) | 388284.30 |
| 3810760.83 | 0.25234    | (18112616) |            |           |
| 388295.44  | 3810739.35 | 0.25624    | (18112616) | 388306.59 |
| 3810717.87 | 0.26098    | (18112616) |            |           |
| 388317.73  | 3810696.39 | 0.26477    | (18112616) | 388328.87 |
| 3810674.91 | 0.26683    | (18112616) |            |           |
| 388340.02  | 3810653.43 | 0.26575    | (18112616) | 388351.16 |
| 3810631.94 | 0.26576    | (18112616) |            |           |
| 388362.30  | 3810610.46 | 0.26604    | (18112616) | 388373.45 |
| 3810588.98 | 0.26391    | (18112616) |            |           |
| 388384.59  | 3810567.50 | 0.26065    | (18112616) | 388395.73 |
| 3810546.02 | 0.25997    | (16120216) |            |           |
| 388406.88  | 3810524.54 | 0.26868    | (16120216) | 388418.02 |
| 3810503.06 | 0.27888    | (16120216) |            |           |
| 388429.17  | 3810481.57 | 0.28853    | (16120216) | 388440.31 |
| 3810460.09 | 0.29744    | (16120216) |            |           |
| 388451.45  | 3810438.61 | 0.30494    | (16120216) | 388462.60 |
| 3810417.13 | 0.31123    | (16120216) |            |           |
| 388473.74  | 3810395.65 | 0.31823    | (16120216) | 388484.88 |
| 3810374.17 | 0.32049    | (16120216) |            |           |
| 388496.03  | 3810352.68 | 0.32227    | (16120216) | 388507.17 |
| 3810331.20 | 0.32482    | (16120216) |            |           |
| 388518.31  | 3810309.72 | 0.32978    | (16120216) | 388529.46 |
| 3810288.24 | 0.33470    | (16120216) |            |           |
| 388540.60  | 3810266.76 | 0.33896    | (16120216) | 388551.75 |
| 3810245.28 | 0.34225    | (16120216) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1100

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 388562.89   | 3810223.79  | 0.34565        | (16120216) | 388574.03          |  |
| 3810202.31  | 0.34820     | (16120216)     |            |                    |  |
| 388585.18   | 3810180.83  | 0.34986        | (16120216) | 388596.32          |  |
| 3810159.35  | 0.35120     | (16120216)     |            |                    |  |
| 388607.46   | 3810137.87  | 0.35225        | (16120216) | 388618.61          |  |
| 3810116.39  | 0.35278     | (16120216)     |            |                    |  |
| 388629.75   | 3810094.90  | 0.35201        | (16120216) | 388640.89          |  |
| 3810073.42  | 0.35062     | (16120216)     |            |                    |  |
| 388652.04   | 3810051.94  | 0.34869        | (16120216) | 388663.18          |  |
| 3810030.46  | 0.39646     | (19011508)     |            |                    |  |
| 388674.32   | 3810008.98  | 0.46220        | (19011508) | 388685.47          |  |
| 3809987.50  | 0.54966     | (19011508)     |            |                    |  |
| 388696.61   | 3809966.02  | 0.64205        | (19011508) | 388707.76          |  |
| 3809944.53  | 0.66592     | (19011508)     |            |                    |  |
| 388718.90   | 3809923.05  | 0.66579        | (19011508) | 388730.04          |  |
| 3809901.57  | 0.66909     | (19011508)     |            |                    |  |
| 388741.19   | 3809880.09  | 0.64437        | (19011508) | 388752.33          |  |
| 3809858.61  | 0.62191     | (19011508)     |            |                    |  |
| 388763.47   | 3809837.13  | 0.63790        | (19011508) | 388774.62          |  |
| 3809815.64  | 0.70854     | (19011508)     |            |                    |  |
| 388785.76   | 3809794.16  | 0.72489        | (19011508) | 388796.90          |  |
| 3809772.68  | 0.68406     | (19011508)     |            |                    |  |
| 388808.05   | 3809751.20  | 0.71816        | (19011508) | 388819.19          |  |
| 3809729.72  | 0.76311     | (19011508)     |            |                    |  |
| 388830.34   | 3809708.24  | 0.77364        | (18010224) | 388841.48          |  |
| 3809686.75  | 0.68180     | (17092524)     |            |                    |  |
| 388852.62   | 3809665.27  | 0.71659        | (17092524) | 388863.77          |  |
| 3809643.79  | 0.75169     | (17092524)     |            |                    |  |
| 388874.91   | 3809622.31  | 0.73879        | (17092524) | 388886.05          |  |
| 3809600.83  | 0.75773     | (17092524)     |            |                    |  |
| 388897.20   | 3809579.35  | 0.82437        | (18032808) | 388908.34          |  |
| 3809557.87  | 1.16666     | (18032808)     |            |                    |  |
| 388919.48   | 3809536.38  | 1.61646        | (18032808) | 388930.63          |  |
| 3809514.90  | 2.11563     | (18032808)     |            |                    |  |
| 388941.77   | 3809493.42  | 2.54973        | (18032808) | 388952.92          |  |
| 3809471.94  | 2.83502     | (18032808)     |            |                    |  |
| 388964.06   | 3809450.46  | 2.75155        | (18032808) | 388975.20          |  |
| 3809428.98  | 2.52784     | (18032808)     |            |                    |  |
| 388986.35   | 3809407.49  | 2.15778        | (18032808) | 388997.49          |  |
| 3809386.01  | 2.34190     | (18032808)     |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389008.63  | 3809364.53         | 2.65986 | (18032808) | 389019.78 |
| 3809343.05 | 2.94401 (17122508) |         |            |           |
| 389030.92  | 3809321.57         | 3.01578 | (17122508) | 389042.06 |
| 3809300.09 | 3.18663 (16110424) |         |            |           |
| 389053.21  | 3809278.60         | 3.42374 | (16110424) | 389064.35 |
| 3809257.12 | 3.64951 (16110424) |         |            |           |
| 389075.49  | 3809235.64         | 3.85989 | (16110424) | 389086.64 |
| 3809214.16 | 4.05086 (16110424) |         |            |           |
| 389097.78  | 3809192.68         | 4.21848 | (16110424) | 389108.93 |
| 3809171.20 | 4.35947 (16110424) |         |            |           |
| 389120.07  | 3809149.72         | 4.47084 | (16110424) | 389131.21 |
| 3809128.23 | 4.55039 (16110424) |         |            |           |
| 389142.36  | 3809106.75         | 4.59652 | (16110424) | 389153.50 |
| 3809085.27 | 4.60837 (16110424) |         |            |           |
| 389164.64  | 3809063.79         | 4.58590 | (16110424) | 389175.79 |
| 3809042.31 | 4.52979 (16110424) |         |            |           |
| 389186.93  | 3809020.83         | 4.44149 | (16110424) | 389198.07 |
| 3808999.34 | 4.32305 (16110424) |         |            |           |
| 389209.22  | 3808977.86         | 4.17717 | (16110424) | 389220.36 |
| 3808956.38 | 4.00710 (16110424) |         |            |           |
| 389231.51  | 3808934.90         | 4.20896 | (16122124) | 389242.65 |
| 3808913.42 | 4.40821 (16122124) |         |            |           |
| 389277.42  | 3808886.68         | 4.76434 | (16122124) | 389301.04 |
| 3808881.43 | 4.91579 (16122124) |         |            |           |
| 389324.66  | 3808876.17         | 5.04059 | (16122124) | 389348.28 |
| 3808870.92 | 5.13619 (16122124) |         |            |           |
| 389371.91  | 3808865.66         | 5.20068 | (16122124) | 389395.53 |
| 3808860.41 | 5.23268 (16122124) |         |            |           |
| 389419.15  | 3808855.16         | 5.23158 | (16122124) | 389442.77 |
| 3808849.90 | 5.19741 (16122124) |         |            |           |
| 389466.40  | 3808844.65         | 5.13095 | (16122124) | 389490.02 |
| 3808839.39 | 5.03364 (16122124) |         |            |           |
| 389513.64  | 3808834.14         | 4.90762 | (16122124) | 389537.27 |
| 3808828.88 | 4.75539 (16122124) |         |            |           |
| 389560.89  | 3808823.63         | 4.58026 | (16122124) | 389584.51 |
| 3808818.38 | 4.38561 (16122124) |         |            |           |
| 389608.13  | 3808813.12         | 4.17507 | (16122124) | 389631.76 |
| 3808807.87 | 3.95253 (16122124) |         |            |           |
| 389655.38  | 3808802.61         | 3.72184 | (16122124) | 389679.00 |
| 3808797.36 | 3.53101 (17021608) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1101

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|--------------------|----------------|------------|--------------------|-------------|
| **          |                    |                |            |                    |             |
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |             |
| 389702.62   | 3808792.10         | 3.58756        | (17021608) |                    | 389726.25   |
| 3808786.85  | 3.61630 (17021608) |                |            |                    |             |
| 389749.87   | 3808781.60         | 3.61639        | (17021608) |                    | 389773.49   |
| 3808776.34  | 3.58768 (17021608) |                |            |                    |             |
| 389797.11   | 3808771.09         | 3.53072        | (17021608) |                    | 389820.74   |
| 3808765.83  | 3.44667 (17021608) |                |            |                    |             |
| 389844.36   | 3808760.58         | 3.33747        | (17021608) |                    | 389867.98   |
| 3808755.32  | 3.20544 (17021608) |                |            |                    |             |
| 389891.61   | 3808750.07         | 3.05346        | (17021608) |                    | 389915.23   |
| 3808744.82  | 2.88487 (17021608) |                |            |                    |             |
| 389938.85   | 3808739.56         | 2.70305        | (17021608) |                    | 389962.47   |
| 3808734.31  | 2.75659 (20121924) |                |            |                    |             |
| 389986.10   | 3808729.05         | 3.02128        | (20121924) |                    | 390009.72   |
| 3808723.80  | 3.30229 (16011708) |                |            |                    |             |
| 390033.34   | 3808718.55         | 3.63759        | (16011708) |                    | 390056.96   |
| 3808713.29  | 3.97737 (16011708) |                |            |                    |             |
| 390080.59   | 3808708.04         | 4.31665        | (16011708) |                    | 390104.21   |
| 3808702.78  | 4.64990 (16011708) |                |            |                    |             |
| 390127.83   | 3808697.53         | 4.97137        | (16011708) |                    | 390151.45   |
| 3808692.27  | 5.27527 (16011708) |                |            |                    |             |
| 390175.08   | 3808687.02         | 5.55565        | (16011708) |                    | 390198.70   |
| 3808681.77  | 5.80660 (16011708) |                |            |                    |             |
| 390222.32   | 3808676.51         | 6.02287        | (16011708) |                    | 390245.95   |
| 3808671.26  | 6.19960 (16011708) |                |            |                    |             |
| 390269.57   | 3808666.00         | 6.33261        | (16011708) |                    | 390293.19   |
| 3808660.75  | 6.41871 (16011708) |                |            |                    |             |
| 390316.81   | 3808655.49         | 6.45571        | (16011708) |                    | 390340.44   |
| 3808650.24  | 6.44248 (16011708) |                |            |                    |             |
| 390364.06   | 3808644.99         | 6.37909        | (16011708) |                    | 390387.68   |
| 3808639.73  | 6.26672 (16011708) |                |            |                    |             |
| 390411.30   | 3808634.48         | 6.10778        | (16011708) |                    | 390434.93   |
| 3808629.22  | 5.90550 (16011708) |                |            |                    |             |
| 390458.55   | 3808623.97         | 5.66445        | (16011708) |                    | 390482.17   |
| 3808618.71  | 5.38956 (16011708) |                |            |                    |             |
| 390505.80   | 3808613.46         | 5.08652        | (16011708) |                    | 390529.42   |
| 3808608.21  | 4.76160 (16011708) |                |            |                    |             |
| 390553.04   | 3808602.95         | 4.42091        | (16011708) |                    | 390576.66   |
| 3808597.70  | 4.07088 (16011708) |                |            |                    |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390600.29  | 3808592.44          | 3.71730  | (16011708) | 390623.91 |
| 3808587.19 | 3.57823 (18092724)  |          |            |           |
| 390647.53  | 3808581.93          | 3.46843  | (18092724) | 390671.15 |
| 3808576.68 | 3.33165 (18092724)  |          |            |           |
| 390694.78  | 3808571.43          | 3.17119  | (18092724) | 390718.40 |
| 3808566.17 | 3.05719 (20021208)  |          |            |           |
| 390742.02  | 3808560.92          | 3.22478  | (20021208) | 390765.64 |
| 3808555.66 | 3.37084 (20021208)  |          |            |           |
| 390789.27  | 3808550.41          | 3.49157  | (20021208) | 390812.89 |
| 3808545.15 | 3.58366 (20021208)  |          |            |           |
| 390836.51  | 3808539.90          | 3.64455  | (20021208) | 390860.14 |
| 3808534.65 | 3.67249 (20021208)  |          |            |           |
| 390883.76  | 3808529.39          | 3.66656  | (20021208) | 390907.38 |
| 3808524.14 | 3.63970 (20013024)  |          |            |           |
| 390931.00  | 3808518.88          | 3.79648  | (20013024) | 390954.63 |
| 3808513.63 | 3.92434 (20013024)  |          |            |           |
| 390978.25  | 3808508.37          | 4.01996  | (20013024) | 391001.87 |
| 3808503.12 | 4.08097 (20013024)  |          |            |           |
| 391025.49  | 3808497.87          | 4.10593  | (20013024) | 391049.12 |
| 3808492.61 | 4.19351m (18120924) |          |            |           |
| 391072.74  | 3808487.36          | 4.39210m | (18120924) | 391096.36 |
| 3808482.10 | 4.55697m (18120924) |          |            |           |
| 391119.99  | 3808476.85          | 4.68357m | (18120924) | 391143.61 |
| 3808471.59 | 4.76821m (18120924) |          |            |           |
| 391167.23  | 3808466.34          | 4.80841m | (18120924) | 391190.85 |
| 3808461.09 | 4.80291m (18120924) |          |            |           |
| 391214.48  | 3808455.83          | 4.75166m | (18120924) | 391238.10 |
| 3808450.58 | 4.69612 (18120308)  |          |            |           |
| 391261.72  | 3808445.32          | 4.84936  | (18120308) | 391285.34 |
| 3808440.07 | 4.95971 (18120308)  |          |            |           |
| 391308.97  | 3808434.81          | 5.02394  | (18120308) | 391332.59 |
| 3808429.56 | 5.04001 (18120308)  |          |            |           |
| 391356.21  | 3808424.31          | 5.00737  | (18120308) | 391379.83 |
| 3808419.05 | 4.92679 (18120308)  |          |            |           |
| 391403.46  | 3808413.80          | 4.80044  | (18120308) | 391427.08 |
| 3808408.54 | 4.63182 (18120308)  |          |            |           |
| 391450.70  | 3808403.29          | 4.42553  | (18120308) | 391474.33 |
| 3808398.03 | 4.38822 (20010224)  |          |            |           |
| 391497.95  | 3808392.78          | 4.37682  | (20010224) | 391521.57 |
| 3808387.53 | 4.44532 (17123108)  |          |            |           |
| 391545.19  | 3808382.27          | 4.62902  | (17123108) | 391568.82 |
| 3808377.02 | 4.77315 (17123108)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 391592.44   | 3808371.76         | 4.87339    | (17123108) | 391616.06   |
| 3808366.51  | 4.92677 (17123108) |            |            |             |
| 391639.68   | 3808361.25         | 4.93161    | (17123108) | 391663.31   |
| 3808356.00  | 4.88763 (17123108) |            |            |             |
| 391686.93   | 3808350.75         | 4.79604    | (17123108) | 391710.55   |
| 3808345.49  | 4.65938 (17123108) |            |            |             |
| 391734.18   | 3808340.24         | 4.48148    | (17123108) | 391757.80   |
| 3808334.98  | 4.26736 (17123108) |            |            |             |
| 391781.42   | 3808329.73         | 4.02283    | (17123108) | 391805.04   |
| 3808324.47  | 4.12396 (17102724) |            |            |             |
| 391828.67   | 3808319.22         | 4.32495    | (17102724) | 391852.29   |
| 3808313.97  | 4.49034 (17102724) |            |            |             |
| 391875.91   | 3808308.71         | 4.61540    | (17102724) | 391899.53   |
| 3808303.46  | 4.69636 (17102724) |            |            |             |
| 391923.16   | 3808298.20         | 4.73073    | (17102724) | 391946.78   |
| 3808292.95  | 4.71735 (17102724) |            |            |             |
| 391970.40   | 3808287.69         | 4.65654    | (17102724) | 391994.02   |
| 3808282.44  | 4.55007 (17102724) |            |            |             |
| 392017.65   | 3808277.19         | 4.40096    | (17102724) | 392041.27   |
| 3808271.93  | 4.21356 (17102724) |            |            |             |
| 392064.89   | 3808266.68         | 3.99317    | (17102724) | 392088.52   |
| 3808261.42  | 4.22667 (19020708) |            |            |             |
| 392112.14   | 3808256.17         | 4.45901    | (19020708) | 392135.76   |
| 3808250.91  | 4.65639 (19020708) |            |            |             |
| 392159.38   | 3808245.66         | 4.81304    | (19020708) | 392183.01   |
| 3808240.41  | 4.92434 (19020708) |            |            |             |
| 392206.63   | 3808235.15         | 4.98678    | (19020708) | 392230.25   |
| 3808229.90  | 4.99844 (19020708) |            |            |             |
| 392253.87   | 3808224.64         | 4.95888    | (19020708) | 392277.50   |
| 3808219.39  | 4.86923 (19020708) |            |            |             |
| 392301.12   | 3808214.13         | 4.73216    | (19020708) | 392324.74   |
| 3808208.88  | 4.55174 (19020708) |            |            |             |
| 392348.37   | 3808203.63         | 4.33308    | (19020708) | 392371.99   |
| 3808198.37  | 4.23179 (17021124) |            |            |             |
| 392395.61   | 3808193.12         | 4.48682    | (17021124) | 392419.23   |
| 3808187.86  | 4.70834 (17021124) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393482.25   | 3807951.42         | 4.41108    | (16010224) | 393505.88   |
| 3807946.17  | 4.21942 (16010224) |            |            |             |
| 393529.50   | 3807940.91         | 4.09595    | (17012524) | 393553.12   |
| 3807935.66  | 4.36458 (17012524) |            |            |             |
| 393576.74   | 3807930.40         | 4.60273    | (17012524) | 393600.37   |
| 3807925.15  | 4.80378 (17012524) |            |            |             |
| 393623.99   | 3807919.90         | 4.96177    | (17012524) | 393647.61   |
| 3807914.64  | 5.07213 (17012524) |            |            |             |
| 393671.24   | 3807909.39         | 5.13158    | (17012524) | 393694.86   |
| 3807904.13  | 5.13828 (17012524) |            |            |             |
| 393718.48   | 3807898.88         | 5.09215    | (17012524) | 393742.10   |
| 3807893.62  | 4.99465 (17012524) |            |            |             |
| 393765.73   | 3807888.37         | 4.84875    | (17012524) | 393789.35   |
| 3807883.12  | 4.65898 (17012524) |            |            |             |
| 393812.97   | 3807877.86         | 4.66188    | (16122608) | 393836.59   |
| 3807872.61  | 4.63947 (16122608) |            |            |             |
| 393860.22   | 3807867.35         | 4.57532    | (16122608) | 393883.84   |
| 3807862.10  | 4.69482 (17121824) |            |            |             |
| 393907.46   | 3807856.84         | 4.87055    | (17121824) | 393931.09   |
| 3807851.59  | 5.00135 (17121824) |            |            |             |
| 393954.71   | 3807846.34         | 5.08330    | (17121824) | 393978.33   |
| 3807841.08  | 5.11407 (17121824) |            |            |             |
| 394001.95   | 3807835.83         | 5.09282    | (17121824) | 394025.58   |
| 3807830.57  | 5.02023 (17121824) |            |            |             |
| 394049.20   | 3807825.32         | 4.89864    | (17121824) | 394072.82   |
| 3807820.06  | 4.73173 (17121824) |            |            |             |
| 394096.44   | 3807814.81         | 4.52445    | (17121824) | 394120.07   |
| 3807809.56  | 4.28261 (17121824) |            |            |             |
| 394143.69   | 3807804.30         | 4.01304    | (17121824) | 394167.31   |
| 3807799.05  | 3.72274 (17121824) |            |            |             |
| 394190.93   | 3807793.79         | 3.75568    | (16012124) | 394214.56   |
| 3807788.54  | 3.87687 (16012124) |            |            |             |
| 394238.18   | 3807783.28         | 3.96176    | (16012124) | 394261.80   |
| 3807778.03  | 4.00799 (16012124) |            |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC                | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|---------------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH)          |            |             |
| 395372.07   | 3807531.08          | 4.26560             | (16120408) | 395395.69   |
| 3807525.83  | 4.46535 (16120408)  |                     |            |             |
| 395419.31   | 3807520.57          | 4.63218             | (16120408) | 395442.94   |
| 3807515.32  | 4.76204 (16120408)  |                     |            |             |
| 395466.56   | 3807510.06          | 4.85156             | (16120408) | 395490.18   |
| 3807504.81  | 4.89862 (16120408)  |                     |            |             |
| 395513.81   | 3807499.55          | 4.90213             | (16120408) | 395537.43   |
| 3807494.30  | 4.86219 (16120408)  |                     |            |             |
| 395561.05   | 3807489.05          | 4.78003             | (16120408) | 395584.67   |
| 3807483.79  | 4.65796 (16120408)  |                     |            |             |
| 395608.30   | 3807478.54          | 4.49922             | (16120408) | 395631.92   |
| 3807473.28  | 4.30808 (16120408)  |                     |            |             |
| 395655.54   | 3807468.03          | 4.08925             | (16120408) | 395679.16   |
| 3807462.77  | 3.89185c (17011624) |                     |            |             |
| 395702.79   | 3807457.52          | 3.85240c (17011624) |            | 395726.41   |
| 3807452.27  | 3.78044c (17011624) |                     |            |             |
| 395750.03   | 3807447.01          | 3.67792c (17011624) |            | 395773.65   |
| 3807441.76  | 3.54755c (17011624) |                     |            |             |
| 395797.28   | 3807436.50          | 3.47928             | (20031108) | 395820.90   |
| 3807431.25  | 3.49897 (20031108)  |                     |            |             |
| 395844.52   | 3807425.99          | 3.48879             | (20031108) | 395868.15   |
| 3807420.74  | 3.44912 (20031108)  |                     |            |             |
| 395891.77   | 3807415.49          | 3.38112             | (20031108) | 395915.39   |
| 3807410.23  | 3.48157 (17031708)  |                     |            |             |
| 395939.01   | 3807404.98          | 3.55754             | (17031708) | 395962.64   |
| 3807399.72  | 3.60462 (17031708)  |                     |            |             |
| 395986.26   | 3807394.47          | 3.62175             | (17031708) | 396009.88   |
| 3807389.21  | 3.60865 (17031708)  |                     |            |             |
| 396033.50   | 3807383.96          | 3.76252             | (16022408) | 396057.13   |
| 3807378.71  | 3.93909 (16022408)  |                     |            |             |
| 396080.75   | 3807373.45          | 4.09559             | (16022408) | 396104.37   |
| 3807368.20  | 4.23031 (16022408)  |                     |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 396128.00  | 3807362.94         | 4.34210 | (16022408) | 396151.62 |
| 3807357.69 | 4.43035 (16022408) |         |            |           |
| 396175.24  | 3807352.43         | 4.49523 | (16022408) | 396198.86 |
| 3807347.18 | 4.53754 (16022408) |         |            |           |
| 396222.49  | 3807341.93         | 4.55861 | (16022408) | 396246.11 |
| 3807336.67 | 4.56021 (16022408) |         |            |           |
| 396269.73  | 3807331.42         | 4.58262 | (20021824) | 396293.35 |
| 3807326.16 | 4.64327 (20021824) |         |            |           |
| 396316.98  | 3807320.91         | 4.66724 | (20021824) | 396340.60 |
| 3807315.65 | 4.65411 (20021824) |         |            |           |
| 396364.22  | 3807310.40         | 4.60440 | (20021824) | 396387.84 |
| 3807305.15 | 4.51946 (20021824) |         |            |           |
| 396411.47  | 3807299.89         | 4.48562 | (16010908) | 396435.09 |
| 3807294.64 | 4.58577 (16010908) |         |            |           |
| 396458.71  | 3807289.38         | 4.65151 | (16010908) | 396482.34 |
| 3807284.13 | 4.68154 (16010908) |         |            |           |
| 396505.96  | 3807278.87         | 4.67531 | (16010908) | 396529.58 |
| 3807273.62 | 4.63320 (16010908) |         |            |           |
| 396553.20  | 3807268.37         | 4.55634 | (16010908) | 396576.83 |
| 3807263.11 | 4.44662 (16010908) |         |            |           |
| 396600.45  | 3807257.86         | 4.51689 | (18020908) | 396624.07 |
| 3807252.60 | 4.58989 (18020908) |         |            |           |
| 396647.69  | 3807247.35         | 4.62877 | (18020908) | 396671.32 |
| 3807242.09 | 4.63282 (18020908) |         |            |           |
| 396694.94  | 3807236.84         | 4.60214 | (18020908) | 396718.56 |
| 3807231.59 | 4.53762 (18020908) |         |            |           |
| 396742.19  | 3807226.33         | 4.44081 | (18020908) | 396765.81 |
| 3807221.08 | 4.31409 (18020908) |         |            |           |
| 385676.69  | 3815787.53         | 4.66416 | (16060408) | 385675.68 |
| 3815811.73 | 4.61933 (16060408) |         |            |           |
| 385674.67  | 3815835.94         | 4.53290 | (16060408) | 385673.65 |
| 3815860.15 | 4.47212 (17122724) |         |            |           |
| 385672.64  | 3815884.35         | 4.58045 | (17122724) | 385671.63 |
| 3815908.56 | 4.64835 (17122724) |         |            |           |
| 385670.61  | 3815932.77         | 4.67388 | (17122724) | 384355.66 |
| 3815710.30 | 1.63702 (16060408) |         |            |           |
| 384366.79  | 3815688.84         | 1.91368 | (16060408) | 384377.92 |
| 3815667.38 | 2.17256 (16060408) |         |            |           |
| 384389.05  | 3815645.92         | 2.43152 | (16060408) | 384400.18 |
| 3815624.47 | 2.70605 (16060408) |         |            |           |
| 384411.32  | 3815603.01         | 2.90269 | (16060408) | 384422.45 |
| 3815581.55 | 2.94015 (16060408) |         |            |           |
| 384433.58  | 3815560.09         | 2.84536 | (19020108) | 384444.71 |
| 3815538.63 | 2.55445 (19020108) |         |            |           |
| 384455.84  | 3815517.17         | 2.21603 | (19020108) | 384466.97 |
| 3815495.71 | 1.89907 (19020108) |         |            |           |
| 384478.11  | 3815474.26         | 1.74093 | (19020108) | 384489.24 |
| 3815452.80 | 1.64547 (19020108) |         |            |           |

|            | X-COORD (M) | Y-COORD (M)        | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|--------------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC               |         | (YYMMDDHH) |             |
|            | 384500.37   | 3815431.34         | 1.63496 | (20122524) | 384511.50   |
| 3815409.88 |             | 1.61447 (20122524) |         |            |             |
|            | 384522.63   | 3815388.42         | 1.42061 | (17122424) | 384533.76   |
| 3815366.96 |             | 1.18902 (17122424) |         |            |             |
|            | 384544.90   | 3815345.50         | 1.00382 | (17122424) | 384556.03   |
| 3815324.05 |             | 1.02806 (17122424) |         |            |             |
|            | 384567.16   | 3815302.59         | 1.11760 | (17122424) | 384578.29   |
| 3815281.13 |             | 1.11572 (17122424) |         |            |             |
|            | 384589.42   | 3815259.67         | 1.00440 | (16012224) | 384600.55   |
| 3815238.21 |             | 0.89038 (16012224) |         |            |             |
|            | 384611.69   | 3815216.75         | 0.74155 | (16012224) | 384622.82   |
| 3815195.29 |             | 0.62891 (17012708) |         |            |             |
|            | 384633.95   | 3815173.84         | 0.60312 | (17012708) | 384645.08   |
| 3815152.38 |             | 0.59148 (17012708) |         |            |             |
|            | 384656.21   | 3815130.92         | 0.62683 | (18091708) | 384667.34   |
| 3815109.46 |             | 0.62446 (18091708) |         |            |             |
|            | 384678.48   | 3815088.00         | 0.56181 | (18091708) | 384689.61   |
| 3815066.54 |             | 0.50391 (17012708) |         |            |             |
|            | 384700.74   | 3815045.08         | 0.47942 | (19121624) | 384711.87   |
| 3815023.63 |             | 0.48057 (19121624) |         |            |             |
|            | 384723.00   | 3815002.17         | 0.48196 | (19121624) | 384734.14   |
| 3814980.71 |             | 0.48243 (19121624) |         |            |             |
|            | 384745.27   | 3814959.25         | 0.48234 | (19121624) | 384756.40   |
| 3814937.79 |             | 0.48319 (19121624) |         |            |             |
|            | 384767.53   | 3814916.33         | 0.48514 | (19121624) | 384778.66   |
| 3814894.87 |             | 0.48672 (19121624) |         |            |             |
|            | 384789.79   | 3814873.42         | 0.48717 | (19121624) | 384800.93   |
| 3814851.96 |             | 0.49092 (19121624) |         |            |             |
|            | 384812.06   | 3814830.50         | 0.49844 | (19121624) | 384823.19   |
| 3814809.04 |             | 0.50615 (19121624) |         |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384834.32  | 3814787.58         | 0.51206 | (19121624) | 384845.45 |
| 3814766.12 | 0.52141 (19121624) |         |            |           |
| 384856.58  | 3814744.66         | 0.53231 | (19121624) | 384867.72 |
| 3814723.21 | 0.54475 (19121624) |         |            |           |
| 384878.85  | 3814701.75         | 0.55792 | (19121624) | 384889.98 |
| 3814680.29 | 0.56851 (19121624) |         |            |           |
| 384901.11  | 3814658.83         | 0.57542 | (19121624) | 384912.24 |
| 3814637.37 | 0.57480 (19121624) |         |            |           |
| 384923.37  | 3814615.91         | 0.57298 | (19121624) | 384934.51 |
| 3814594.45 | 0.57086 (19121624) |         |            |           |
| 384945.64  | 3814572.99         | 0.56778 | (19121624) | 384956.77 |
| 3814551.54 | 0.56190 (19121624) |         |            |           |
| 384967.90  | 3814530.08         | 0.55362 | (19121624) | 384979.03 |
| 3814508.62 | 0.54410 (19121624) |         |            |           |
| 384990.16  | 3814487.16         | 0.54074 | (19121624) | 385001.30 |
| 3814465.70 | 0.54052 (19121624) |         |            |           |
| 385012.43  | 3814444.24         | 0.54041 | (19121624) | 385023.56 |
| 3814422.78 | 0.53876 (19121624) |         |            |           |
| 385034.69  | 3814401.33         | 0.53615 | (19121624) | 385045.82 |
| 3814379.87 | 0.53204 (19121624) |         |            |           |
| 385056.95  | 3814358.41         | 0.52565 | (19121624) | 385068.09 |
| 3814336.95 | 0.51329 (19121624) |         |            |           |
| 385079.22  | 3814315.49         | 0.49859 | (19121624) | 385090.35 |
| 3814294.03 | 0.48363 (19121624) |         |            |           |
| 385101.48  | 3814272.57         | 0.46876 | (19121624) | 385112.61 |
| 3814251.12 | 0.45633 (19121624) |         |            |           |
| 385123.74  | 3814229.66         | 0.44336 | (19121624) | 385134.88 |
| 3814208.20 | 0.43222 (19121624) |         |            |           |
| 385146.01  | 3814186.74         | 0.42357 | (19121624) | 385157.14 |
| 3814165.28 | 0.41770 (19121624) |         |            |           |
| 385168.27  | 3814143.82         | 0.41281 | (19121624) | 385179.40 |
| 3814122.36 | 0.47103 (19012208) |         |            |           |
| 385190.53  | 3814100.91         | 0.58565 | (19012208) | 385201.67 |
| 3814079.45 | 0.70679 (19012208) |         |            |           |
| 385212.80  | 3814057.99         | 0.79427 | (19012208) | 385223.93 |
| 3814036.53 | 0.82589 (19012208) |         |            |           |
| 385235.06  | 3814015.07         | 0.78658 | (19012208) | 385246.19 |
| 3813993.61 | 0.74221 (19012208) |         |            |           |
| 385257.32  | 3813972.15         | 0.71067 | (19012208) | 385268.46 |
| 3813950.70 | 0.74919 (19012208) |         |            |           |
| 385279.59  | 3813929.24         | 0.92127 | (18031124) | 385290.72 |
| 3813907.78 | 1.20470 (18031124) |         |            |           |
| 385301.85  | 3813886.32         | 1.52944 | (18031124) | 385312.98 |
| 3813864.86 | 1.71998 (18031124) |         |            |           |
| 385324.11  | 3813843.40         | 1.67867 | (18031124) | 385335.25 |
| 3813821.94 | 1.40250 (18031124) |         |            |           |
| 385346.38  | 3813800.49         | 1.08842 | (18031124) | 385357.51 |
| 3813779.03 | 0.82968 (18031124) |         |            |           |
| 385368.64  | 3813757.57         | 0.60981 | (18031124) | 385379.77 |
| 3813736.11 | 0.54271 (19101108) |         |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 1106

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 385390.90   | 3813714.65         | 0.50626    | (19101108) | 385402.04   |
| 3813693.19  | 0.47274 (19101108) |            |            |             |
| 385413.17   | 3813671.73         | 0.44988    | (19101108) | 385424.30   |
| 3813650.28  | 0.43182 (19101108) |            |            |             |
| 385435.43   | 3813628.82         | 0.43466    | (18012724) | 385446.56   |
| 3813607.36  | 0.43607 (18012724) |            |            |             |
| 385457.69   | 3813585.90         | 0.43276    | (18012724) | 385468.83   |
| 3813564.44  | 0.42249 (18012724) |            |            |             |
| 385479.96   | 3813542.98         | 0.40985    | (18012724) | 385491.09   |
| 3813521.52  | 0.40203 (18012724) |            |            |             |
| 385502.22   | 3813500.06         | 0.39936    | (18012724) | 385513.35   |
| 3813478.61  | 0.39682 (18012724) |            |            |             |
| 385524.48   | 3813457.15         | 0.39703    | (19103008) | 385535.62   |
| 3813435.69  | 0.40082 (19103008) |            |            |             |
| 385546.75   | 3813414.23         | 0.40309    | (19103008) | 385557.88   |
| 3813392.77  | 0.40263 (19103008) |            |            |             |
| 385569.01   | 3813371.31         | 0.40284    | (19103008) | 385580.14   |
| 3813349.85  | 0.40770 (19103008) |            |            |             |
| 385591.28   | 3813328.40         | 0.41783    | (19103008) | 385602.41   |
| 3813306.94  | 0.43005 (19103008) |            |            |             |
| 385613.54   | 3813285.48         | 0.44042    | (19103008) | 385624.67   |
| 3813264.02  | 0.44618 (19103008) |            |            |             |
| 385635.80   | 3813242.56         | 0.44188    | (19103008) | 385646.93   |
| 3813221.10  | 0.43558 (19103008) |            |            |             |
| 385658.07   | 3813199.64         | 0.43164    | (19103008) | 385669.20   |
| 3813178.19  | 0.43178 (19103008) |            |            |             |
| 385680.33   | 3813156.73         | 0.43661    | (19103008) | 385691.46   |
| 3813135.27  | 0.44640 (19103008) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 385702.59  | 3813113.81          | 0.45666  | (19103008) | 385713.72 |
| 3813092.35 | 0.46143 (19103008)  |          |            |           |
| 385724.86  | 3813070.89          | 0.46433  | (19103008) | 385735.99 |
| 3813049.43 | 0.46624 (19103008)  |          |            |           |
| 385747.12  | 3813027.98          | 0.47271  | (19103008) | 385758.25 |
| 3813006.52 | 0.47647 (19103008)  |          |            |           |
| 385769.38  | 3812985.06          | 0.47753  | (19103008) | 385780.51 |
| 3812963.60 | 0.47418 (19103008)  |          |            |           |
| 385791.65  | 3812942.14          | 0.46785  | (19103008) | 385802.78 |
| 3812920.68 | 0.45958 (19103008)  |          |            |           |
| 385813.91  | 3812899.22          | 0.45022  | (19103008) | 385825.04 |
| 3812877.77 | 0.44159 (19103008)  |          |            |           |
| 385836.17  | 3812856.31          | 0.43605  | (19103008) | 385847.30 |
| 3812834.85 | 0.43656 (19103008)  |          |            |           |
| 385858.44  | 3812813.39          | 0.43587  | (19103008) | 385869.57 |
| 3812791.93 | 0.43340 (19103008)  |          |            |           |
| 385880.70  | 3812770.47          | 0.44557m | (20031608) | 385891.83 |
| 3812749.01 | 0.49615m (20031608) |          |            |           |
| 385902.96  | 3812727.56          | 0.53146m | (20031608) | 385914.09 |
| 3812706.10 | 0.55690m (20031608) |          |            |           |
| 385925.23  | 3812684.64          | 0.57624m | (20031608) | 385936.36 |
| 3812663.18 | 0.59670m (20031608) |          |            |           |
| 385947.49  | 3812641.72          | 0.64550m | (20031608) | 385958.62 |
| 3812620.26 | 0.70963m (20031608) |          |            |           |
| 385969.75  | 3812598.80          | 0.77686m | (20031608) | 385980.88 |
| 3812577.35 | 0.83286m (20031608) |          |            |           |
| 385992.02  | 3812555.89          | 0.86304m | (20031608) | 386003.15 |
| 3812534.43 | 0.86742m (20031608) |          |            |           |
| 386014.28  | 3812512.97          | 0.87037m | (20031608) | 386025.41 |
| 3812491.51 | 0.90147m (20031608) |          |            |           |
| 386036.54  | 3812470.05          | 0.96779m | (20031608) | 386047.67 |
| 3812448.59 | 1.04133m (20031608) |          |            |           |
| 386058.81  | 3812427.13          | 1.31092  | (20021308) | 386069.94 |
| 3812405.68 | 1.51848 (20021308)  |          |            |           |
| 386081.07  | 3812384.22          | 1.47977  | (20021308) | 386092.20 |
| 3812362.76 | 1.24581 (20021308)  |          |            |           |
| 386103.33  | 3812341.30          | 0.93691  | (20021308) | 386114.46 |
| 3812319.84 | 0.85445 (20021308)  |          |            |           |
| 386125.60  | 3812298.38          | 0.87560  | (20021308) | 386136.73 |
| 3812276.92 | 0.87991 (20021308)  |          |            |           |
| 386147.86  | 3812255.47          | 0.92376c | (20122908) | 386158.99 |
| 3812234.01 | 0.95185c (20122908) |          |            |           |
| 386170.12  | 3812212.55          | 0.92890c | (20122908) | 386181.25 |
| 3812191.09 | 0.94925c (20122908) |          |            |           |
| 386192.39  | 3812169.63          | 0.99907c | (20122908) | 386203.52 |
| 3812148.17 | 1.05854c (20122908) |          |            |           |
| 386214.65  | 3812126.71          | 1.23645c | (20122908) | 386225.78 |
| 3812105.26 | 1.46614c (20122908) |          |            |           |
| 386236.91  | 3812083.80          | 1.66536c | (20122908) | 386248.04 |
| 3812062.34 | 1.76442 (18010524)  |          |            |           |

386259.18 3812040.88 1.55600 (18010524) 386270.31  
 3812019.42 1.22477 (18010524)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1107

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 386281.44   | 3811997.96  | 0.89764    | (18010524) | 386292.57   |
| 3811976.50  | 0.73162     | (20090908) |            |             |
| 386303.70   | 3811955.05  | 0.61406    | (20090908) | 386314.83   |
| 3811933.59  | 0.50492     | (20090908) |            |             |
| 386325.97   | 3811912.13  | 0.41377    | (20090908) | 386337.10   |
| 3811890.67  | 0.38231     | (19012216) |            |             |
| 386348.23   | 3811869.21  | 0.36853    | (19012216) | 386359.36   |
| 3811847.75  | 0.35518     | (19012216) |            |             |
| 386370.49   | 3811826.29  | 0.34352    | (19012216) | 386381.62   |
| 3811804.84  | 0.33533     | (19012216) |            |             |
| 386392.76   | 3811783.38  | 0.33226    | (19012216) | 386403.89   |
| 3811761.92  | 0.32891     | (19012216) |            |             |
| 386415.02   | 3811740.46  | 0.32635    | (19012216) | 386426.15   |
| 3811719.00  | 0.32400     | (19012216) |            |             |
| 386437.28   | 3811697.54  | 0.31830    | (19012216) | 386448.42   |
| 3811676.08  | 0.30873     | (19012216) |            |             |
| 386459.55   | 3811654.63  | 0.29766    | (19012216) | 386470.68   |
| 3811633.17  | 0.28698     | (19012216) |            |             |
| 386481.81   | 3811611.71  | 0.27681    | (19012216) | 386492.94   |
| 3811590.25  | 0.26779     | (19012216) |            |             |
| 386504.07   | 3811568.79  | 0.25952    | (19012216) | 386515.21   |
| 3811547.33  | 0.25040     | (19012216) |            |             |
| 386526.34   | 3811525.87  | 0.24116    | (19012216) | 386537.47   |
| 3811504.42  | 0.23139     | (19012216) |            |             |
| 386548.60   | 3811482.96  | 0.22072    | (19012216) | 386559.73   |
| 3811461.50  | 0.20839     | (19121716) |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386570.86  | 3811440.04         | 0.21197 | (19121716) | 386582.00 |
| 3811418.58 | 0.21684 (19121716) |         |            |           |
| 386593.13  | 3811397.12         | 0.22391 | (19121716) | 386604.26 |
| 3811375.66 | 0.23246 (19121716) |         |            |           |
| 386615.39  | 3811354.20         | 0.24075 | (19121716) | 386626.52 |
| 3811332.75 | 0.24859 (19121716) |         |            |           |
| 386637.65  | 3811311.29         | 0.25591 | (19121716) | 386648.79 |
| 3811289.83 | 0.26313 (19121716) |         |            |           |
| 386659.92  | 3811268.37         | 0.27013 | (19121716) | 386671.05 |
| 3811246.91 | 0.27699 (19121716) |         |            |           |
| 386682.18  | 3811225.45         | 0.28322 | (19121716) | 386693.31 |
| 3811203.99 | 0.28853 (19121716) |         |            |           |
| 386704.44  | 3811182.54         | 0.29416 | (19121716) | 386715.58 |
| 3811161.08 | 0.30103 (19121716) |         |            |           |
| 386726.71  | 3811139.62         | 0.30781 | (19121716) | 386737.84 |
| 3811118.16 | 0.31585 (19121716) |         |            |           |
| 386748.97  | 3811096.70         | 0.32466 | (19121716) | 386760.10 |
| 3811075.24 | 0.33076 (19121716) |         |            |           |
| 386771.23  | 3811053.78         | 0.33609 | (19121716) | 386782.37 |
| 3811032.33 | 0.34082 (19121716) |         |            |           |
| 386793.50  | 3811010.87         | 0.34607 | (19121716) | 386804.63 |
| 3810989.41 | 0.35124 (19121716) |         |            |           |
| 386815.76  | 3810967.95         | 0.35635 | (19121716) | 386826.89 |
| 3810946.49 | 0.35922 (19121716) |         |            |           |
| 386838.02  | 3810925.03         | 0.36358 | (19121716) | 386849.16 |
| 3810903.57 | 0.36682 (19121716) |         |            |           |
| 386860.29  | 3810882.12         | 0.37010 | (19121716) | 386871.42 |
| 3810860.66 | 0.37146 (19121716) |         |            |           |
| 386882.55  | 3810839.20         | 0.37026 | (19121716) | 386893.68 |
| 3810817.74 | 0.36827 (19121716) |         |            |           |
| 386904.81  | 3810796.28         | 0.36650 | (19121716) | 386915.95 |
| 3810774.82 | 0.36577 (19121716) |         |            |           |
| 386927.08  | 3810753.36         | 0.36502 | (19121716) | 386938.21 |
| 3810731.91 | 0.36268 (19121716) |         |            |           |
| 386949.34  | 3810710.45         | 0.36201 | (19121716) | 386960.47 |
| 3810688.99 | 0.36119 (19121716) |         |            |           |
| 386971.60  | 3810667.53         | 0.35992 | (19121716) | 386982.74 |
| 3810646.07 | 0.35452 (19121716) |         |            |           |
| 386993.87  | 3810624.61         | 0.34769 | (19121716) | 387005.00 |
| 3810603.15 | 0.34184 (19121716) |         |            |           |
| 387016.13  | 3810581.70         | 0.33637 | (19121716) | 387027.26 |
| 3810560.24 | 0.33088 (19121716) |         |            |           |
| 387038.39  | 3810538.78         | 0.32592 | (19121716) | 387049.53 |
| 3810517.32 | 0.31980 (19121716) |         |            |           |
| 387060.66  | 3810495.86         | 0.31450 | (19121716) | 387071.79 |
| 3810474.40 | 0.30849 (19121716) |         |            |           |
| 387082.92  | 3810452.94         | 0.30371 | (19121716) | 387094.05 |
| 3810431.49 | 0.29818 (19121716) |         |            |           |
| 387105.18  | 3810410.03         | 0.29733 | (20020416) | 387116.32 |
| 3810388.57 | 0.29445 (20020416) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 387127.45  | 3810367.11 | 0.29126    | (20020416) | 387138.58 |
| 3810345.65 | 0.28821    | (20020416) |            |           |
| 387149.71  | 3810324.19 | 0.28587    | (20020416) | 387160.84 |
| 3810302.73 | 0.28452    | (20020416) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1108

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 387171.97   | 3810281.27  | 0.28281    | (20020416) | 387183.11   |
| 3810259.82  | 0.28455     | (20020416) |            |             |
| 387194.24   | 3810238.36  | 0.31558    | (18122824) | 387205.37   |
| 3810216.90  | 0.34490     | (18122824) |            |             |
| 387216.50   | 3810195.44  | 0.35949    | (18122824) | 387227.63   |
| 3810173.98  | 0.35218     | (18122824) |            |             |
| 387238.77   | 3810152.52  | 0.33838    | (18122824) | 387249.90   |
| 3810131.06  | 0.32572     | (18122824) |            |             |
| 387261.03   | 3810109.61  | 0.32730    | (18122824) | 387272.16   |
| 3810088.15  | 0.34006     | (18122824) |            |             |
| 387283.29   | 3810066.69  | 0.34928    | (18122824) | 387294.42   |
| 3810045.23  | 0.35215     | (18122824) |            |             |
| 387305.56   | 3810023.77  | 0.34738    | (18122824) | 387316.69   |
| 3810002.31  | 0.33803     | (18122824) |            |             |
| 387327.82   | 3809980.85  | 0.32960    | (18122824) | 387338.95   |
| 3809959.40  | 0.32558     | (18122824) |            |             |
| 387350.08   | 3809937.94  | 0.32384    | (18122824) | 387361.21   |
| 3809916.48  | 0.32494     | (18122824) |            |             |
| 387372.35   | 3809895.02  | 0.32925    | (18122824) | 387383.48   |
| 3809873.56  | 0.32310     | (18122824) |            |             |
| 387394.61   | 3809852.10  | 0.30979    | (18030624) | 387405.74   |
| 3809830.64  | 0.32371     | (18030624) |            |             |
| 387416.87   | 3809809.19  | 0.35386    | (17012524) | 387428.00   |
| 3809787.73  | 0.39066     | (17012524) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387439.14  | 3809766.27         | 0.44058 | (17012524) | 387450.27 |
| 3809744.81 | 0.50785 (17012524) |         |            |           |
| 387461.40  | 3809723.35         | 0.56596 | (17012524) | 387472.53 |
| 3809701.89 | 0.64674 (19013108) |         |            |           |
| 387483.66  | 3809680.43         | 0.69760 | (19013108) | 387494.79 |
| 3809658.98 | 0.76567 (19013108) |         |            |           |
| 387505.93  | 3809637.52         | 0.80530 | (19013108) | 387517.06 |
| 3809616.06 | 0.79391 (19013108) |         |            |           |
| 387528.19  | 3809594.60         | 0.84287 | (19013108) | 387539.32 |
| 3809573.14 | 0.96324 (19013108) |         |            |           |
| 387550.45  | 3809551.68         | 1.14864 | (19013108) | 387561.58 |
| 3809530.22 | 1.26137 (19013108) |         |            |           |
| 387572.72  | 3809508.77         | 1.30454 | (19013108) | 387583.85 |
| 3809487.31 | 1.40613 (19013108) |         |            |           |
| 387594.98  | 3809465.85         | 1.54517 | (19013108) | 387606.11 |
| 3809444.39 | 1.68284 (19013108) |         |            |           |
| 387617.24  | 3809422.93         | 1.86910 | (19120508) | 387628.37 |
| 3809401.47 | 2.15967 (17010808) |         |            |           |
| 387639.51  | 3809380.01         | 2.64431 | (17010808) | 387650.64 |
| 3809358.56 | 3.17346 (17010808) |         |            |           |
| 387661.77  | 3809337.10         | 3.61138 | (17010808) | 387672.90 |
| 3809315.64 | 3.84068 (17010808) |         |            |           |
| 387684.03  | 3809294.18         | 3.84241 | (17010808) | 387695.16 |
| 3809272.72 | 3.64760 (17010808) |         |            |           |
| 387706.30  | 3809251.26         | 3.53197 | (17010808) | 387717.43 |
| 3809229.80 | 3.56509 (17010808) |         |            |           |
| 387728.56  | 3809208.34         | 3.82083 | (17010808) | 387739.69 |
| 3809186.89 | 3.92418 (17010808) |         |            |           |
| 387750.82  | 3809165.43         | 3.83439 | (17010808) | 387761.95 |
| 3809143.97 | 3.72081 (17010808) |         |            |           |
| 387773.09  | 3809122.51         | 3.58504 | (18030508) | 387784.22 |
| 3809101.05 | 3.65937 (18030508) |         |            |           |
| 387795.35  | 3809079.59         | 3.66947 | (18030508) | 387806.48 |
| 3809058.13 | 3.65376 (18030508) |         |            |           |
| 387817.61  | 3809036.68         | 3.42043 | (18030508) | 387828.74 |
| 3809015.22 | 3.33175 (18030508) |         |            |           |
| 387839.88  | 3808993.76         | 3.43994 | (18030508) | 387851.01 |
| 3808972.30 | 3.35782 (18030508) |         |            |           |
| 387862.14  | 3808950.84         | 3.23241 | (18030508) | 387873.27 |
| 3808929.38 | 3.09087 (18030508) |         |            |           |
| 387884.40  | 3808907.92         | 2.93585 | (18030508) | 387895.53 |
| 3808886.47 | 2.85946 (18010224) |         |            |           |
| 387906.67  | 3808865.01         | 2.86093 | (18010224) | 387917.80 |
| 3808843.55 | 3.06560 (18010224) |         |            |           |
| 387928.93  | 3808822.09         | 3.26321 | (18010224) | 387940.06 |
| 3808800.63 | 3.33103 (18010224) |         |            |           |
| 387951.19  | 3808779.17         | 3.37777 | (18010224) | 387962.32 |
| 3808757.71 | 3.40261 (18010224) |         |            |           |
| 387973.46  | 3808736.26         | 3.40517 | (18010224) | 387984.59 |
| 3808714.80 | 3.52415 (18032808) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387995.72  | 3808693.34         | 3.66685 | (18032808) | 388006.85 |
| 3808671.88 | 3.79039 (18032808) |         |            |           |
| 388017.98  | 3808650.42         | 3.89259 | (18032808) | 388029.11 |
| 3808628.96 | 3.97166 (18032808) |         |            |           |
| 388040.25  | 3808607.50         | 4.02621 | (18032808) | 388051.38 |
| 3808586.05 | 4.05528 (18032808) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1109

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388062.51   | 3808564.59         | 4.05845    | (18032808) | 388073.64   |
| 3808543.13  | 4.03579 (18032808) |            |            |             |
| 388084.77   | 3808521.67         | 3.98783    | (18032808) | 388095.91   |
| 3808500.21  | 3.91557 (18032808) |            |            |             |
| 388107.04   | 3808478.75         | 3.82050    | (18032808) | 388118.17   |
| 3808457.29  | 3.70444 (18032808) |            |            |             |
| 388129.30   | 3808435.84         | 3.56961    | (18032808) | 388140.43   |
| 3808414.38  | 3.41834 (18032808) |            |            |             |
| 388151.56   | 3808392.92         | 3.25331    | (18032808) | 388162.70   |
| 3808371.46  | 3.07718 (18032808) |            |            |             |
| 388173.83   | 3808350.00         | 2.89286    | (18032808) | 388184.96   |
| 3808328.54  | 2.70304 (18032808) |            |            |             |
| 388196.09   | 3808307.08         | 2.54224    | (17122508) | 388207.22   |
| 3808285.63  | 2.65395 (16110424) |            |            |             |
| 388218.35   | 3808264.17         | 2.83383    | (16110424) | 388229.49   |
| 3808242.71  | 3.00727 (16110424) |            |            |             |
| 388240.62   | 3808221.25         | 3.17163    | (16110424) | 388251.75   |
| 3808199.79  | 3.32453 (16110424) |            |            |             |
| 388262.88   | 3808178.33         | 3.46360    | (16110424) | 388274.01   |
| 3808156.87  | 3.58664 (16110424) |            |            |             |
| 388285.14   | 3808135.41         | 3.69169    | (16110424) | 388296.28   |
| 3808113.96  | 3.77705 (16110424) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388307.41  | 3808092.50         | 3.84132 | (16110424) | 388318.54 |
| 3808071.04 | 3.88352 (16110424) |         |            |           |
| 388329.67  | 3808049.58         | 3.90300 | (16110424) | 388340.80 |
| 3808028.12 | 3.89954 (16110424) |         |            |           |
| 388351.93  | 3808006.66         | 3.87332 | (16110424) | 388363.07 |
| 3807985.20 | 3.82488 (16110424) |         |            |           |
| 388374.20  | 3807963.75         | 3.75523 | (16110424) | 388385.33 |
| 3807942.29 | 3.66561 (16110424) |         |            |           |
| 388396.46  | 3807920.83         | 3.55763 | (16110424) | 388407.59 |
| 3807899.37 | 3.43316 (16110424) |         |            |           |
| 388418.72  | 3807877.91         | 3.44158 | (16122124) | 388429.86 |
| 3807856.45 | 3.59841 (16122124) |         |            |           |
| 388464.58  | 3807829.75         | 3.88931 | (16122124) | 388488.18 |
| 3807824.50 | 4.02038 (16122124) |         |            |           |
| 388511.78  | 3807819.25         | 4.13565 | (16122124) | 388535.38 |
| 3807814.00 | 4.23334 (16122124) |         |            |           |
| 388558.97  | 3807808.75         | 4.31188 | (16122124) | 388582.57 |
| 3807803.50 | 4.37006 (16122124) |         |            |           |
| 388606.17  | 3807798.25         | 4.40691 | (16122124) | 388629.77 |
| 3807793.01 | 4.42183 (16122124) |         |            |           |
| 388653.36  | 3807787.76         | 4.41459 | (16122124) | 388676.96 |
| 3807782.51 | 4.38533 (16122124) |         |            |           |
| 388700.56  | 3807777.26         | 4.33457 | (16122124) | 388724.16 |
| 3807772.01 | 4.26319 (16122124) |         |            |           |
| 388747.75  | 3807766.76         | 4.17242 | (16122124) | 388771.35 |
| 3807761.51 | 4.06373 (16122124) |         |            |           |
| 388794.95  | 3807756.26         | 3.93891 | (16122124) | 388818.55 |
| 3807751.02 | 3.79998 (16122124) |         |            |           |
| 388842.14  | 3807745.77         | 3.64906 | (16122124) | 388865.74 |
| 3807740.52 | 3.48833 (16122124) |         |            |           |
| 388889.34  | 3807735.27         | 3.32011 | (16122124) | 388912.94 |
| 3807730.02 | 3.14668 (16122124) |         |            |           |
| 388936.53  | 3807724.77         | 3.01562 | (20040908) | 388960.13 |
| 3807719.52 | 3.02152 (17021608) |         |            |           |
| 388983.73  | 3807714.28         | 3.05433 | (17021608) | 389007.33 |
| 3807709.03 | 3.06823 (17021608) |         |            |           |
| 389030.92  | 3807703.78         | 3.06288 | (17021608) | 389054.52 |
| 3807698.53 | 3.03829 (17021608) |         |            |           |
| 389078.12  | 3807693.28         | 2.99482 | (17021608) | 389101.71 |
| 3807688.03 | 2.93325 (17021608) |         |            |           |
| 389125.31  | 3807682.78         | 2.85460 | (17021608) | 389148.91 |
| 3807677.54 | 2.76027 (17021608) |         |            |           |
| 389172.51  | 3807672.29         | 2.65184 | (17021608) | 389196.10 |
| 3807667.04 | 2.53124 (17021608) |         |            |           |
| 389219.70  | 3807661.79         | 2.40039 | (17021608) | 389243.30 |
| 3807656.54 | 2.26145 (17021608) |         |            |           |
| 389266.90  | 3807651.29         | 2.28727 | (20121924) | 389290.49 |
| 3807646.04 | 2.48650 (20121924) |         |            |           |
| 389314.09  | 3807640.79         | 2.68581 | (20121924) | 389337.69 |
| 3807635.55 | 2.90568 (16011708) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389361.29  | 3807630.30 | 3.15905    | (16011708) | 389384.88 |
| 3807625.05 | 3.41435    | (16011708) |            |           |
| 389408.48  | 3807619.80 | 3.66879    | (16011708) | 389432.08 |
| 3807614.55 | 3.91904    | (16011708) |            |           |
| 389455.68  | 3807609.30 | 4.16170    | (16011708) | 389479.27 |
| 3807604.05 | 4.39320    | (16011708) |            |           |
| 389502.87  | 3807598.81 | 4.61015    | (16011708) | 389526.47 |
| 3807593.56 | 4.80910    | (16011708) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1110

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 389550.07   | 3807588.31  | 4.98671    | (16011708) | 389573.66   |
| 3807583.06  | 5.13985     | (16011708) |            |             |
| 389597.26   | 3807577.81  | 5.26592    | (16011708) | 389620.86   |
| 3807572.56  | 5.36253     | (16011708) |            |             |
| 389644.46   | 3807567.31  | 5.42782    | (16011708) | 389668.05   |
| 3807562.06  | 5.46047     | (16011708) |            |             |
| 389691.65   | 3807556.82  | 5.45977    | (16011708) | 389715.25   |
| 3807551.57  | 5.42556     | (16011708) |            |             |
| 389738.84   | 3807546.32  | 5.35833    | (16011708) | 389762.44   |
| 3807541.07  | 5.25912     | (16011708) |            |             |
| 389786.04   | 3807535.82  | 5.12960    | (16011708) | 389809.64   |
| 3807530.57  | 4.97195     | (16011708) |            |             |
| 389833.23   | 3807525.32  | 4.78889    | (16011708) | 389856.83   |
| 3807520.08  | 4.58339     | (16011708) |            |             |
| 389880.43   | 3807514.83  | 4.35876    | (16011708) | 389904.03   |
| 3807509.58  | 4.11864     | (16011708) |            |             |
| 389927.62   | 3807504.33  | 3.86680    | (16011708) | 389951.22   |
| 3807499.08  | 3.60681     | (16011708) |            |             |
| 389974.82   | 3807493.83  | 3.34242    | (16011708) | 389998.42   |
| 3807488.58  | 3.09627     | (18092724) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390022.01  | 3807483.34          | 3.03479  | (18092724) | 390045.61 |
| 3807478.09 | 2.95335 (18092724)  |          |            |           |
| 390069.21  | 3807472.84          | 2.85360  | (18092724) | 390092.81 |
| 3807467.59 | 2.73748 (18092724)  |          |            |           |
| 390116.40  | 3807462.34          | 2.60727  | (18092724) | 390140.00 |
| 3807457.09 | 2.62717 (20021208)  |          |            |           |
| 390163.60  | 3807451.84          | 2.75067  | (20021208) | 390187.20 |
| 3807446.59 | 2.85938 (20021208)  |          |            |           |
| 390210.79  | 3807441.35          | 2.95103  | (20021208) | 390234.39 |
| 3807436.10 | 3.02376 (20021208)  |          |            |           |
| 390257.99  | 3807430.85          | 3.07592  | (20021208) | 390281.59 |
| 3807425.60 | 3.10633 (20021208)  |          |            |           |
| 390305.18  | 3807420.35          | 3.11425  | (20021208) | 390328.78 |
| 3807415.10 | 3.09946 (20021208)  |          |            |           |
| 390352.38  | 3807409.85          | 3.10383  | (20013024) | 390375.97 |
| 3807404.61 | 3.21980 (20013024)  |          |            |           |
| 390399.57  | 3807399.36          | 3.31633  | (20013024) | 390423.17 |
| 3807394.11 | 3.39140 (20013024)  |          |            |           |
| 390446.77  | 3807388.86          | 3.44350  | (20013024) | 390470.36 |
| 3807383.61 | 3.47161 (20013024)  |          |            |           |
| 390493.96  | 3807378.36          | 3.47527  | (20013024) | 390517.56 |
| 3807373.11 | 3.60400m (18120924) |          |            |           |
| 390541.16  | 3807367.86          | 3.74878m | (18120924) | 390564.75 |
| 3807362.62 | 3.87040m (18120924) |          |            |           |
| 390588.35  | 3807357.37          | 3.96632m | (18120924) | 390611.95 |
| 3807352.12 | 4.03431m (18120924) |          |            |           |
| 390635.55  | 3807346.87          | 4.07277m | (18120924) | 390659.14 |
| 3807341.62 | 4.08076m (18120924) |          |            |           |
| 390682.74  | 3807336.37          | 4.05804m | (18120924) | 390706.34 |
| 3807331.12 | 4.00501m (18120924) |          |            |           |
| 390729.94  | 3807325.88          | 4.01001  | (18120308) | 390753.53 |
| 3807320.63 | 4.12226 (18120308)  |          |            |           |
| 390777.13  | 3807315.38          | 4.20567  | (18120308) | 390800.73 |
| 3807310.13 | 4.25825 (18120308)  |          |            |           |
| 390824.33  | 3807304.88          | 4.27873  | (18120308) | 390847.92 |
| 3807299.63 | 4.26657 (18120308)  |          |            |           |
| 390871.52  | 3807294.38          | 4.22195  | (18120308) | 390895.12 |
| 3807289.14 | 4.14583 (18120308)  |          |            |           |
| 390918.72  | 3807283.89          | 4.03982  | (18120308) | 390942.31 |
| 3807278.64 | 3.90628 (18120308)  |          |            |           |
| 390965.91  | 3807273.39          | 3.74796  | (18120308) | 390989.51 |
| 3807268.14 | 3.72109 (20010224)  |          |            |           |
| 391013.10  | 3807262.89          | 3.71948  | (20010224) | 391036.70 |
| 3807257.64 | 3.68915 (20010224)  |          |            |           |
| 391060.30  | 3807252.39          | 3.84157  | (17123108) | 391083.90 |
| 3807247.15 | 3.96991 (17123108)  |          |            |           |
| 391107.49  | 3807241.90          | 4.07076  | (17123108) | 391131.09 |
| 3807236.65 | 4.14181 (17123108)  |          |            |           |
| 391154.69  | 3807231.40          | 4.18133  | (17123108) | 391178.29 |
| 3807226.15 | 4.18831 (17123108)  |          |            |           |





|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391862.61  | 3807073.94         | 4.23828 | (19020708) | 391886.21 |
| 3807068.69 | 4.20116 (19020708) |         |            |           |
| 391909.81  | 3807063.44         | 4.13066 | (19020708) | 391933.40 |
| 3807058.19 | 4.02847 (19020708) |         |            |           |
| 391957.00  | 3807052.95         | 3.89691 | (19020708) | 391980.60 |
| 3807047.70 | 3.73900 (19020708) |         |            |           |
| 392004.20  | 3807042.45         | 3.55830 | (19020708) | 392027.79 |
| 3807037.20 | 3.65668 (17021124) |         |            |           |
| 392051.39  | 3807031.95         | 3.84389 | (17021124) | 392074.99 |
| 3807026.70 | 4.00786 (17021124) |         |            |           |
| 392098.59  | 3807021.45         | 4.14483 | (17021124) | 392122.18 |
| 3807016.21 | 4.25155 (17021124) |         |            |           |
| 392145.78  | 3807010.96         | 4.32556 | (17021124) | 392169.38 |
| 3807005.71 | 4.36498 (17021124) |         |            |           |
| 392192.98  | 3807000.46         | 4.36883 | (17021124) | 392216.57 |
| 3806995.21 | 4.33699 (17021124) |         |            |           |
| 392240.17  | 3806989.96         | 4.27020 | (17021124) | 392263.77 |
| 3806984.71 | 4.17005 (17021124) |         |            |           |
| 392287.36  | 3806979.46         | 4.03899 | (17021124) | 392310.96 |
| 3806974.22 | 3.87998 (17021124) |         |            |           |
| 392334.56  | 3806968.97         | 3.79067 | (20031208) | 392358.16 |
| 3806963.72 | 3.79624 (20031208) |         |            |           |
| 392381.75  | 3806958.47         | 3.77069 | (20031208) | 392405.35 |
| 3806953.22 | 3.71462 (20031208) |         |            |           |
| 392428.95  | 3806947.97         | 3.62937 | (20031208) | 392452.55 |
| 3806942.72 | 3.51698 (20031208) |         |            |           |
| 392476.14  | 3806937.48         | 3.38016 | (20031208) | 392499.74 |
| 3806932.23 | 3.40507 (16102924) |         |            |           |
| 392523.34  | 3806926.98         | 3.61617 | (16102924) | 392546.94 |
| 3806921.73 | 3.80883 (16102924) |         |            |           |
| 392570.53  | 3806916.48         | 3.97874 | (16102924) | 392594.13 |
| 3806911.23 | 4.12217 (16102924) |         |            |           |
| 392617.73  | 3806905.98         | 4.23570 | (16102924) | 392641.33 |
| 3806900.74 | 4.31659 (16102924) |         |            |           |
| 392664.92  | 3806895.49         | 4.36288 | (16102924) | 392688.52 |
| 3806890.24 | 4.37346 (16102924) |         |            |           |
| 392712.12  | 3806884.99         | 4.34804 | (16102924) | 392735.72 |
| 3806879.74 | 4.28723 (16102924) |         |            |           |
| 392759.31  | 3806874.49         | 4.19258 | (16102924) | 392782.91 |
| 3806869.24 | 4.23736 (16040124) |         |            |           |
| 392806.51  | 3806863.99         | 4.31986 | (16040124) | 392830.11 |
| 3806858.75 | 4.36783 (16040124) |         |            |           |
| 392853.70  | 3806853.50         | 4.38011 | (16040124) | 392877.30 |
| 3806848.25 | 4.35640 (16040124) |         |            |           |
| 392900.90  | 3806843.00         | 4.29728 | (16040124) | 392924.49 |
| 3806837.75 | 4.20422 (16040124) |         |            |           |
| 392948.09  | 3806832.50         | 4.07942 | (16040124) | 392971.69 |
| 3806827.25 | 3.92585 (16040124) |         |            |           |
| 392995.29  | 3806822.01         | 3.74711 | (16040124) | 393018.88 |
| 3806816.76 | 3.54725 (16040124) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393042.48  | 3806811.51         | 3.48301 | (16010224) | 393066.08 |
| 3806806.26 | 3.64285 (16010224) |         |            |           |
| 393089.68  | 3806801.01         | 3.77912 | (16010224) | 393113.27 |
| 3806795.76 | 3.88827 (16010224) |         |            |           |
| 393136.87  | 3806790.51         | 3.96781 | (16010224) | 393160.47 |
| 3806785.26 | 4.01579 (16010224) |         |            |           |
| 393184.07  | 3806780.02         | 4.03106 | (16010224) | 393207.66 |
| 3806774.77 | 4.01326 (16010224) |         |            |           |
| 393231.26  | 3806769.52         | 3.96285 | (16010224) | 393254.86 |
| 3806764.27 | 3.88107 (16010224) |         |            |           |
| 393278.46  | 3806759.02         | 3.76990 | (16010224) | 393302.05 |
| 3806753.77 | 3.63207 (16010224) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1112

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393325.65   | 3806748.52         | 3.47066    | (16010224) | 393349.25   |
| 3806743.28  | 3.54874 (17012524) |            |            |             |
| 393372.85   | 3806738.03         | 3.74630    | (17012524) | 393396.44   |
| 3806732.78  | 3.92246 (17012524) |            |            |             |
| 393420.04   | 3806727.53         | 4.07345    | (17012524) | 393443.64   |
| 3806722.28  | 4.19576 (17012524) |            |            |             |
| 393467.24   | 3806717.03         | 4.28652    | (17012524) | 393490.83   |
| 3806711.78  | 4.34357 (17012524) |            |            |             |
| 393514.43   | 3806706.53         | 4.36563    | (17012524) | 393538.03   |
| 3806701.29  | 4.35217 (17012524) |            |            |             |
| 393561.62   | 3806696.04         | 4.30356    | (17012524) | 393585.22   |
| 3806690.79  | 4.22099 (17012524) |            |            |             |
| 393608.82   | 3806685.54         | 4.10648    | (17012524) | 393632.42   |
| 3806680.29  | 3.96275 (17012524) |            |            |             |
| 393656.01   | 3806675.04         | 3.93775    | (16122608) | 393679.61   |
| 3806669.79  | 3.93058 (16122608) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393703.21  | 3806664.55         | 3.89544 | (16122608) | 393726.81 |
| 3806659.30 | 3.86759 (17121824) |         |            |           |
| 393750.40  | 3806654.05         | 4.02239 | (17121824) | 393774.00 |
| 3806648.80 | 4.14970 (17121824) |         |            |           |
| 393797.60  | 3806643.55         | 4.24654 | (17121824) | 393821.20 |
| 3806638.30 | 4.31066 (17121824) |         |            |           |
| 393844.79  | 3806633.05         | 4.34058 | (17121824) | 393868.39 |
| 3806627.81 | 4.33567 (17121824) |         |            |           |
| 393891.99  | 3806622.56         | 4.29606 | (17121824) | 393915.59 |
| 3806617.31 | 4.22276 (17121824) |         |            |           |
| 393939.18  | 3806612.06         | 4.11761 | (17121824) | 393962.78 |
| 3806606.81 | 3.98301 (17121824) |         |            |           |
| 393986.38  | 3806601.56         | 3.82213 | (17121824) | 394009.98 |
| 3806596.31 | 3.63858 (17121824) |         |            |           |
| 394033.57  | 3806591.06         | 3.43642 | (17121824) | 394057.17 |
| 3806585.82 | 3.21971 (17121824) |         |            |           |
| 394080.77  | 3806580.57         | 3.11970 | (16012124) | 394104.37 |
| 3806575.32 | 3.22583 (16012124) |         |            |           |
| 394127.96  | 3806570.07         | 3.30905 | (16012124) | 394151.56 |
| 3806564.82 | 3.36757 (16012124) |         |            |           |
| 394175.16  | 3806559.57         | 3.40003 | (16012124) | 394198.75 |
| 3806554.32 | 3.56586 (17122408) |         |            |           |
| 394222.35  | 3806549.08         | 3.75164 | (17122408) | 394245.95 |
| 3806543.83 | 3.91591 (17122408) |         |            |           |
| 394269.55  | 3806538.58         | 4.05516 | (17122408) | 394293.14 |
| 3806533.33 | 4.16629 (17122408) |         |            |           |
| 394316.74  | 3806528.08         | 4.24691 | (17122408) | 394340.34 |
| 3806522.83 | 4.29520 (17122408) |         |            |           |
| 394363.94  | 3806517.58         | 4.31008 | (17122408) | 394387.53 |
| 3806512.33 | 4.29129 (17122408) |         |            |           |
| 394411.13  | 3806507.09         | 4.23935 | (17122408) | 394434.73 |
| 3806501.84 | 4.15551 (17122408) |         |            |           |
| 394458.33  | 3806496.59         | 4.04176 | (17122408) | 394481.92 |
| 3806491.34 | 3.90079 (17122408) |         |            |           |
| 394505.52  | 3806486.09         | 3.73565 | (17122408) | 394529.12 |
| 3806480.84 | 3.54995 (17122408) |         |            |           |
| 394552.72  | 3806475.59         | 3.66867 | (18061208) | 394576.31 |
| 3806470.35 | 3.83984 (18061208) |         |            |           |
| 394599.91  | 3806465.10         | 3.98862 | (18061208) | 394623.51 |
| 3806459.85 | 4.11177 (18061208) |         |            |           |
| 394647.11  | 3806454.60         | 4.20662 | (18061208) | 394670.70 |
| 3806449.35 | 4.27110 (18061208) |         |            |           |
| 394694.30  | 3806444.10         | 4.30385 | (18061208) | 394717.90 |
| 3806438.85 | 4.30415 (18061208) |         |            |           |
| 394741.50  | 3806433.61         | 4.27207 | (18061208) | 394765.09 |
| 3806428.36 | 4.20843 (18061208) |         |            |           |
| 394788.69  | 3806423.11         | 4.11467 | (18061208) | 394812.29 |
| 3806417.86 | 3.99296 (18061208) |         |            |           |
| 394835.88  | 3806412.61         | 3.84606 | (18061208) | 394859.48 |
| 3806407.36 | 3.83677 (20113008) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394883.08  | 3806402.11 | 3.84854    | (20113008) | 394906.68 |
| 3806396.86 | 3.83139    | (20113008) |            |           |
| 394930.27  | 3806391.62 | 3.78579    | (20113008) | 394953.87 |
| 3806386.37 | 3.71281    | (20113008) |            |           |
| 394977.47  | 3806381.12 | 3.61413    | (20113008) | 395001.07 |
| 3806375.87 | 3.49197    | (20113008) |            |           |
| 395024.66  | 3806370.62 | 3.34904    | (20113008) | 395048.26 |
| 3806365.37 | 3.35906    | (16010224) |            |           |
| 395071.86  | 3806360.12 | 3.54587    | (16010224) | 395095.46 |
| 3806354.88 | 3.71525    | (16010224) |            |           |
| 395119.05  | 3806349.63 | 3.86381    | (16010224) | 395142.65 |
| 3806344.38 | 3.98871    | (16010224) |            |           |
| 395166.25  | 3806339.13 | 4.08733    | (16010224) | 395189.85 |
| 3806333.88 | 4.15764    | (16010224) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1113

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395213.44   | 3806328.63  | 4.19822    | (16010224) | 395237.04   |
| 3806323.38  | 4.20831     | (16010224) |            |             |
| 395260.64   | 3806318.13  | 4.18776    | (16010224) | 395284.24   |
| 3806312.89  | 4.13711     | (16010224) |            |             |
| 395307.83   | 3806307.64  | 4.05760    | (16010224) | 395331.43   |
| 3806302.39  | 3.95094     | (16010224) |            |             |
| 395355.03   | 3806297.14  | 3.81947    | (16010224) | 395378.63   |
| 3806291.89  | 3.66596     | (16010224) |            |             |
| 395402.22   | 3806286.64  | 3.49360    | (16010224) | 395425.82   |
| 3806281.39  | 3.49572     | (16120408) |            |             |
| 395449.42   | 3806276.15  | 3.66188    | (16120408) | 395473.02   |
| 3806270.90  | 3.80844     | (16120408) |            |             |
| 395496.61   | 3806265.65  | 3.93255    | (16120408) | 395520.21   |
| 3806260.40  | 4.03186     | (16120408) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 395543.81  | 3806255.15          | 4.10439  | (16120408) | 395567.40 |
| 3806249.90 | 4.14869 (16120408)  |          |            |           |
| 395591.00  | 3806244.65          | 4.16398  | (16120408) | 395614.60 |
| 3806239.41 | 4.15002 (16120408)  |          |            |           |
| 395638.20  | 3806234.16          | 4.10720  | (16120408) | 395661.79 |
| 3806228.91 | 4.03656 (16120408)  |          |            |           |
| 395685.39  | 3806223.66          | 3.93958  | (16120408) | 395708.99 |
| 3806218.41 | 3.81835 (16120408)  |          |            |           |
| 395732.59  | 3806213.16          | 3.67536  | (16120408) | 395756.18 |
| 3806207.91 | 3.51352 (16120408)  |          |            |           |
| 395779.78  | 3806202.66          | 3.33577  | (16120408) | 395803.38 |
| 3806197.42 | 3.28463c (17011624) |          |            |           |
| 395826.98  | 3806192.17          | 3.24499c | (17011624) | 395850.57 |
| 3806186.92 | 3.18401c (17011624) |          |            |           |
| 395874.17  | 3806181.67          | 3.10296c | (17011624) | 395897.77 |
| 3806176.42 | 3.00351c (17011624) |          |            |           |
| 395921.37  | 3806171.17          | 2.94272  | (20031108) | 395944.96 |
| 3806165.92 | 2.96333 (20031108)  |          |            |           |
| 395968.56  | 3806160.68          | 2.96399  | (20031108) | 395992.16 |
| 3806155.43 | 2.94473 (20031108)  |          |            |           |
| 396015.76  | 3806150.18          | 2.90603  | (20031108) | 396039.35 |
| 3806144.93 | 2.87749 (17031708)  |          |            |           |
| 396062.95  | 3806139.68          | 2.95357  | (17031708) | 396086.55 |
| 3806134.43 | 3.01143 (17031708)  |          |            |           |
| 396110.15  | 3806129.18          | 3.05003  | (17031708) | 396133.74 |
| 3806123.93 | 3.06868 (17031708)  |          |            |           |
| 396157.34  | 3806118.69          | 3.06712  | (17031708) | 396180.94 |
| 3806113.44 | 3.07966 (16022408)  |          |            |           |
| 396204.53  | 3806108.19          | 3.22053  | (16022408) | 396228.13 |
| 3806102.94 | 3.34909 (16022408)  |          |            |           |
| 396251.73  | 3806097.69          | 3.46391  | (16022408) | 396275.33 |
| 3806092.44 | 3.56396 (16022408)  |          |            |           |
| 396298.92  | 3806087.19          | 3.64849  | (16022408) | 396322.52 |
| 3806081.95 | 3.71725 (16022408)  |          |            |           |
| 396346.12  | 3806076.70          | 3.77017  | (16022408) | 396369.72 |
| 3806071.45 | 3.80762 (16022408)  |          |            |           |
| 396393.31  | 3806066.20          | 3.83028  | (16022408) | 396416.91 |
| 3806060.95 | 3.83912 (16022408)  |          |            |           |
| 396440.51  | 3806055.70          | 3.83533  | (16022408) | 396464.11 |
| 3806050.45 | 3.88450 (20021824)  |          |            |           |
| 396487.70  | 3806045.21          | 3.93393  | (20021824) | 396511.30 |
| 3806039.96 | 3.95889 (20021824)  |          |            |           |
| 396534.90  | 3806034.71          | 3.95900  | (20021824) | 396558.50 |
| 3806029.46 | 3.93438 (20021824)  |          |            |           |
| 396582.09  | 3806024.21          | 3.88562  | (20021824) | 396605.69 |
| 3806018.96 | 3.81368 (20021824)  |          |            |           |
| 396629.29  | 3806013.71          | 3.80981  | (16010908) | 396652.89 |
| 3806008.46 | 3.88590 (16010908)  |          |            |           |
| 396676.48  | 3806003.22          | 3.93903  | (16010908) | 396700.08 |
| 3805997.97 | 3.96835 (16010908)  |          |            |           |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 396723.68  | 3805992.72          | 3.97344 | (16010908) | 396747.28 |
| 3805987.47 | 3.95430 (16010908)  |         |            |           |
| 396770.87  | 3805982.22          | 3.91142 | (16010908) | 396794.47 |
| 3805976.97 | 3.84566 (16010908)  |         |            |           |
| 396818.07  | 3805971.72          | 3.75829 | (16010908) | 396841.66 |
| 3805966.48 | 3.82725 (18020908)  |         |            |           |
| 396865.26  | 3805961.23          | 3.88572 | (18020908) | 396888.86 |
| 3805955.98 | 3.92146 (18020908)  |         |            |           |
| 396912.46  | 3805950.73          | 3.93394 | (18020908) | 396936.05 |
| 3805945.48 | 3.92306 (18020908)  |         |            |           |
| 396959.65  | 3805940.23          | 3.88912 | (18020908) | 396983.25 |
| 3805934.98 | 3.83283 (18020908)  |         |            |           |
| 397006.85  | 3805929.73          | 3.75526 | (18020908) | 397030.44 |
| 3805924.49 | 3.65791 (18020908)  |         |            |           |
| 397054.04  | 3805919.24          | 3.54241 | (18020908) | 384344.53 |
| 3815731.76 | 1.39652c (20122908) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1114

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 384343.51   | 3815755.97          | 1.23516c   | (20122908) | 384342.50   |
| 3815780.17  | 1.18554c (20122908) |            |            |             |
| 384341.49   | 3815804.38          | 1.33602c   | (20122908) | 384340.47   |
| 3815828.59  | 1.53414c (20122908) |            |            |             |
| 384339.46   | 3815852.79          | 1.72847c   | (20122908) | 384338.45   |
| 3815877.00  | 1.83567c (20122908) |            |            |             |
| 383023.51   | 3815654.50          | 0.71111    | (20020408) | 383034.66   |
| 3815633.01  | 0.76209 (20020408)  |            |            |             |
| 383045.81   | 3815611.51          | 0.80403    | (20020408) | 383056.96   |
| 3815590.02  | 0.83127 (20020408)  |            |            |             |
| 383068.11   | 3815568.53          | 0.83480    | (20020408) | 383079.26   |
| 3815547.04  | 0.82309 (20020408)  |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 383090.40  | 3815525.54         | 0.81033 | (20020408) | 383101.55 |
| 3815504.05 | 0.81964 (20020408) |         |            |           |
| 383112.70  | 3815482.56         | 0.86079 | (20020408) | 383123.85 |
| 3815461.07 | 0.94190 (19020108) |         |            |           |
| 383135.00  | 3815439.57         | 1.13005 | (19020108) | 383146.15 |
| 3815418.08 | 1.32824 (19020108) |         |            |           |
| 383157.30  | 3815396.59         | 1.35488 | (19020108) | 383168.45 |
| 3815375.10 | 1.24018 (19020108) |         |            |           |
| 383179.60  | 3815353.60         | 1.06774 | (19020108) | 383190.75 |
| 3815332.11 | 0.93003 (19020108) |         |            |           |
| 383201.90  | 3815310.62         | 0.79704 | (20020408) | 383213.05 |
| 3815289.13 | 0.76109 (20020408) |         |            |           |
| 383224.20  | 3815267.63         | 0.72117 | (20020408) | 383235.35 |
| 3815246.14 | 0.69065 (20020408) |         |            |           |
| 383246.50  | 3815224.65         | 0.65873 | (20020408) | 383257.64 |
| 3815203.16 | 0.62745 (20020408) |         |            |           |
| 383268.79  | 3815181.66         | 0.60503 | (20020408) | 383279.94 |
| 3815160.17 | 0.58386 (20020408) |         |            |           |
| 383291.09  | 3815138.68         | 0.56738 | (20020408) | 383302.24 |
| 3815117.18 | 0.55114 (20020408) |         |            |           |
| 383313.39  | 3815095.69         | 0.54211 | (17012708) | 383324.54 |
| 3815074.20 | 0.53357 (17012708) |         |            |           |
| 383335.69  | 3815052.71         | 0.52653 | (17012708) | 383346.84 |
| 3815031.21 | 0.51846 (17012708) |         |            |           |
| 383357.99  | 3815009.72         | 0.51049 | (17012708) | 383369.14 |
| 3814988.23 | 0.51283 (18091708) |         |            |           |
| 383380.29  | 3814966.74         | 0.49036 | (18091708) | 383391.44 |
| 3814945.24 | 0.46066 (17012708) |         |            |           |
| 383402.59  | 3814923.75         | 0.43669 | (17012708) | 383413.74 |
| 3814902.26 | 0.41156 (17012708) |         |            |           |
| 383424.88  | 3814880.77         | 0.39432 | (19121624) | 383436.03 |
| 3814859.27 | 0.39395 (19121624) |         |            |           |
| 383447.18  | 3814837.78         | 0.39342 | (19121624) | 383458.33 |
| 3814816.29 | 0.39339 (19121624) |         |            |           |
| 383469.48  | 3814794.80         | 0.39374 | (19121624) | 383480.63 |
| 3814773.30 | 0.39495 (19121624) |         |            |           |
| 383491.78  | 3814751.81         | 0.39683 | (19121624) | 383502.93 |
| 3814730.32 | 0.39775 (19121624) |         |            |           |
| 383514.08  | 3814708.83         | 0.39904 | (19121624) | 383525.23 |
| 3814687.33 | 0.40031 (19121624) |         |            |           |
| 383536.38  | 3814665.84         | 0.40146 | (19121624) | 383547.53 |
| 3814644.35 | 0.40148 (19121624) |         |            |           |
| 383558.68  | 3814622.85         | 0.40177 | (19121624) | 383569.83 |
| 3814601.36 | 0.40310 (19121624) |         |            |           |
| 383580.98  | 3814579.87         | 0.40621 | (19121624) | 383592.12 |
| 3814558.38 | 0.41241 (19121624) |         |            |           |
| 383603.27  | 3814536.88         | 0.41871 | (19121624) | 383614.42 |
| 3814515.39 | 0.42330 (19121624) |         |            |           |
| 383625.57  | 3814493.90         | 0.42692 | (19121624) | 383636.72 |
| 3814472.41 | 0.42954 (19121624) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 383647.87  | 3814450.91 | 0.43139    | (19121624) | 383659.02 |
| 3814429.42 | 0.43115    | (19121624) |            |           |
| 383670.17  | 3814407.93 | 0.42890    | (19121624) | 383681.32 |
| 3814386.44 | 0.42558    | (19121624) |            |           |
| 383692.47  | 3814364.94 | 0.42070    | (19121624) | 383703.62 |
| 3814343.45 | 0.41531    | (19121624) |            |           |
| 383714.77  | 3814321.96 | 0.41157    | (19121624) | 383725.92 |
| 3814300.47 | 0.40657    | (19121624) |            |           |
| 383737.07  | 3814278.97 | 0.39930    | (19121624) | 383748.22 |
| 3814257.48 | 0.38908    | (19121624) |            |           |
| 383759.36  | 3814235.99 | 0.38355    | (19121624) | 383770.51 |
| 3814214.50 | 0.38308    | (19121624) |            |           |
| 383781.66  | 3814193.00 | 0.38737    | (19121624) | 383792.81 |
| 3814171.51 | 0.39111    | (19121624) |            |           |
| 383803.96  | 3814150.02 | 0.39359    | (19121624) | 383815.11 |
| 3814128.52 | 0.38907    | (19121624) |            |           |
| 383826.26  | 3814107.03 | 0.38324    | (19121624) | 383837.41 |
| 3814085.54 | 0.37556    | (19121624) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1115

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 383848.56   | 3814064.05  | 0.36697    | (19121624) | 383859.71   |
| 3814042.55  | 0.35678     | (19121624) |            |             |
| 383870.86   | 3814021.06  | 0.34780    | (19121624) | 383882.01   |
| 3813999.57  | 0.34402     | (19121624) |            |             |
| 383893.16   | 3813978.08  | 0.34293    | (19121624) | 383904.31   |
| 3813956.58  | 0.33954     | (19121624) |            |             |
| 383915.46   | 3813935.09  | 0.33231    | (19121624) | 383926.60   |
| 3813913.60  | 0.32169     | (19121624) |            |             |
| 383937.75   | 3813892.11  | 0.31501    | (19121624) | 383948.90   |
| 3813870.61  | 0.31085     | (19121624) |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 383960.05  | 3813849.12         | 0.30550 | (19121624) | 383971.20 |
| 3813827.63 | 0.29733 (19121624) |         |            |           |
| 383982.35  | 3813806.14         | 0.28652 | (19121624) | 383993.50 |
| 3813784.64 | 0.27391 (19121624) |         |            |           |
| 384004.65  | 3813763.15         | 0.27033 | (16121816) | 384015.80 |
| 3813741.66 | 0.26982 (16121816) |         |            |           |
| 384026.95  | 3813720.17         | 0.26942 | (16121816) | 384038.10 |
| 3813698.67 | 0.26885 (16121816) |         |            |           |
| 384049.25  | 3813677.18         | 0.26862 | (16121816) | 384060.40 |
| 3813655.69 | 0.26917 (16121816) |         |            |           |
| 384071.55  | 3813634.19         | 0.27039 | (16121816) | 384082.70 |
| 3813612.70 | 0.27078 (16121816) |         |            |           |
| 384093.84  | 3813591.21         | 0.27034 | (16121816) | 384104.99 |
| 3813569.72 | 0.26953 (16121816) |         |            |           |
| 384116.14  | 3813548.22         | 0.26959 | (16121816) | 384127.29 |
| 3813526.73 | 0.26917 (16121816) |         |            |           |
| 384138.44  | 3813505.24         | 0.26679 | (16121816) | 384149.59 |
| 3813483.75 | 0.26504 (16121816) |         |            |           |
| 384160.74  | 3813462.25         | 0.26560 | (16121816) | 384171.89 |
| 3813440.76 | 0.26657 (16121816) |         |            |           |
| 384183.04  | 3813419.27         | 0.26656 | (16121816) | 384194.19 |
| 3813397.78 | 0.26667 (16121816) |         |            |           |
| 384205.34  | 3813376.28         | 0.26553 | (16121816) | 384216.49 |
| 3813354.79 | 0.26207 (16121816) |         |            |           |
| 384227.64  | 3813333.30         | 0.25870 | (16121816) | 384238.79 |
| 3813311.81 | 0.25587 (16121816) |         |            |           |
| 384249.94  | 3813290.31         | 0.25275 | (16121816) | 384261.08 |
| 3813268.82 | 0.25138 (16121816) |         |            |           |
| 384272.23  | 3813247.33         | 0.25138 | (16121816) | 384283.38 |
| 3813225.84 | 0.25092 (16121816) |         |            |           |
| 384294.53  | 3813204.34         | 0.25152 | (19103008) | 384305.68 |
| 3813182.85 | 0.26348 (19103008) |         |            |           |
| 384316.83  | 3813161.36         | 0.27592 | (19103008) | 384327.98 |
| 3813139.86 | 0.28282 (19103008) |         |            |           |
| 384339.13  | 3813118.37         | 0.28400 | (19103008) | 384350.28 |
| 3813096.88 | 0.28561 (19103008) |         |            |           |
| 384361.43  | 3813075.39         | 0.28998 | (19103008) | 384372.58 |
| 3813053.89 | 0.29215 (19103008) |         |            |           |
| 384383.73  | 3813032.40         | 0.29163 | (19103008) | 384394.88 |
| 3813010.91 | 0.29224 (19103008) |         |            |           |
| 384406.03  | 3812989.42         | 0.30013 | (19103008) | 384417.17 |
| 3812967.92 | 0.30798 (19103008) |         |            |           |
| 384428.32  | 3812946.43         | 0.31171 | (19103008) | 384439.47 |
| 3812924.94 | 0.31583 (19103008) |         |            |           |
| 384450.62  | 3812903.45         | 0.32082 | (19103008) | 384461.77 |
| 3812881.95 | 0.32313 (19103008) |         |            |           |
| 384472.92  | 3812860.46         | 0.32674 | (19103008) | 384484.07 |
| 3812838.97 | 0.32984 (19103008) |         |            |           |
| 384495.22  | 3812817.48         | 0.32905 | (19103008) | 384506.37 |
| 3812795.98 | 0.32446 (19103008) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384517.52  | 3812774.49 | 0.32187    | (19103008) | 384528.67 |
| 3812753.00 | 0.32052    | (19103008) |            |           |
| 384539.82  | 3812731.51 | 0.32555    | (19103008) | 384550.97 |
| 3812710.01 | 0.33000    | (19103008) |            |           |
| 384562.12  | 3812688.52 | 0.33715    | (19103008) | 384573.27 |
| 3812667.03 | 0.34153    | (19103008) |            |           |
| 384584.41  | 3812645.53 | 0.35045    | (19103008) | 384595.56 |
| 3812624.04 | 0.35805    | (19103008) |            |           |
| 384606.71  | 3812602.55 | 0.36275    | (19103008) | 384617.86 |
| 3812581.06 | 0.36158    | (19103008) |            |           |
| 384629.01  | 3812559.56 | 0.35738    | (19103008) | 384640.16 |
| 3812538.07 | 0.35168    | (19103008) |            |           |
| 384651.31  | 3812516.58 | 0.34489    | (19103008) | 384662.46 |
| 3812495.09 | 0.34252    | (19103008) |            |           |
| 384673.61  | 3812473.59 | 0.34154    | (19103008) | 384684.76 |
| 3812452.10 | 0.33398    | (19103008) |            |           |
| 384695.91  | 3812430.61 | 0.32481    | (19103008) | 384707.06 |
| 3812409.12 | 0.31162    | (19103008) |            |           |
| 384718.21  | 3812387.62 | 0.29758    | (19103008) | 384729.36 |
| 3812366.13 | 0.28763    | (19103008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1116

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 384740.51   | 3812344.64  | 0.27964    | (19103008) | 384751.65   |
| 3812323.15  | 0.27844     | (19101016) |            |             |
| 384762.80   | 3812301.65  | 0.28312    | (19101016) | 384773.95   |
| 3812280.16  | 0.28856     | (19101016) |            |             |
| 384785.10   | 3812258.67  | 0.29248    | (19101016) | 384796.25   |
| 3812237.18  | 0.28875     | (19101016) |            |             |
| 384807.40   | 3812215.68  | 0.28681    | (19101016) | 384818.55   |
| 3812194.19  | 0.29255     | (19101016) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384829.70  | 3812172.70         | 0.29736 | (19101016) | 384840.85 |
| 3812151.20 | 0.30166 (19101016) |         |            |           |
| 384852.00  | 3812129.71         | 0.30560 | (19101016) | 384863.15 |
| 3812108.22 | 0.31029 (19101016) |         |            |           |
| 384874.30  | 3812086.73         | 0.31236 | (19101016) | 384885.45 |
| 3812065.23 | 0.30748 (19101016) |         |            |           |
| 384896.60  | 3812043.74         | 0.29863 | (19101016) | 384907.75 |
| 3812022.25 | 0.29199 (19101016) |         |            |           |
| 384918.89  | 3812000.76         | 0.29163 | (19101016) | 384930.04 |
| 3811979.26 | 0.29708 (19101016) |         |            |           |
| 384941.19  | 3811957.77         | 0.29483 | (19101016) | 384952.34 |
| 3811936.28 | 0.28385 (19101016) |         |            |           |
| 384963.49  | 3811914.79         | 0.26650 | (19101016) | 384974.64 |
| 3811893.29 | 0.25063 (19101016) |         |            |           |
| 384985.79  | 3811871.80         | 0.23990 | (19101016) | 384996.94 |
| 3811850.31 | 0.23423 (18030516) |         |            |           |
| 385008.09  | 3811828.82         | 0.23627 | (18030516) | 385019.24 |
| 3811807.32 | 0.23359 (18030516) |         |            |           |
| 385030.39  | 3811785.83         | 0.22886 | (18030516) | 385041.54 |
| 3811764.34 | 0.22351 (18030516) |         |            |           |
| 385052.69  | 3811742.85         | 0.22069 | (18030516) | 385063.84 |
| 3811721.35 | 0.21791 (18030516) |         |            |           |
| 385074.99  | 3811699.86         | 0.21443 | (18030516) | 385086.13 |
| 3811678.37 | 0.21273 (18030516) |         |            |           |
| 385097.28  | 3811656.87         | 0.21366 | (19012216) | 385108.43 |
| 3811635.38 | 0.21688 (19012216) |         |            |           |
| 385119.58  | 3811613.89         | 0.21998 | (19012216) | 385130.73 |
| 3811592.40 | 0.22320 (19012216) |         |            |           |
| 385141.88  | 3811570.90         | 0.22637 | (19012216) | 385153.03 |
| 3811549.41 | 0.22980 (19012216) |         |            |           |
| 385164.18  | 3811527.92         | 0.23437 | (19012216) | 385175.33 |
| 3811506.43 | 0.23889 (19012216) |         |            |           |
| 385186.48  | 3811484.93         | 0.24353 | (19012216) | 385197.63 |
| 3811463.44 | 0.24873 (19012216) |         |            |           |
| 385208.78  | 3811441.95         | 0.25149 | (19012216) | 385219.93 |
| 3811420.46 | 0.25104 (19012216) |         |            |           |
| 385231.08  | 3811398.96         | 0.24842 | (19012216) | 385242.23 |
| 3811377.47 | 0.24570 (19012216) |         |            |           |
| 385253.37  | 3811355.98         | 0.24491 | (19012216) | 385264.52 |
| 3811334.49 | 0.24639 (19012216) |         |            |           |
| 385275.67  | 3811312.99         | 0.25038 | (19012216) | 385286.82 |
| 3811291.50 | 0.25395 (19012216) |         |            |           |
| 385297.97  | 3811270.01         | 0.25442 | (19012216) | 385309.12 |
| 3811248.52 | 0.25187 (19012216) |         |            |           |
| 385320.27  | 3811227.02         | 0.24951 | (19012216) | 385331.42 |
| 3811205.53 | 0.24567 (19012216) |         |            |           |
| 385342.57  | 3811184.04         | 0.24022 | (19012216) | 385353.72 |
| 3811162.54 | 0.23503 (19012216) |         |            |           |
| 385364.87  | 3811141.05         | 0.23027 | (19012216) | 385376.02 |
| 3811119.56 | 0.22659 (19012216) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385387.17  | 3811098.07 | 0.22156    | (19012216) | 385398.32 |
| 3811076.57 | 0.21609    | (19012216) |            |           |
| 385409.47  | 3811055.08 | 0.21244    | (19012216) | 385420.61 |
| 3811033.59 | 0.20692    | (19012216) |            |           |
| 385431.76  | 3811012.10 | 0.20232    | (19012216) | 385442.91 |
| 3810990.60 | 0.19766    | (19012216) |            |           |
| 385454.06  | 3810969.11 | 0.19264    | (19012216) | 385465.21 |
| 3810947.62 | 0.18744    | (19012216) |            |           |
| 385476.36  | 3810926.13 | 0.18187    | (19012216) | 385487.51 |
| 3810904.63 | 0.17666    | (19012216) |            |           |
| 385498.66  | 3810883.14 | 0.17130    | (19012216) | 385509.81 |
| 3810861.65 | 0.16609    | (19012216) |            |           |
| 385520.96  | 3810840.16 | 0.16173    | (19121716) | 385532.11 |
| 3810818.66 | 0.16860    | (19121716) |            |           |
| 385543.26  | 3810797.17 | 0.17543    | (19121716) | 385554.41 |
| 3810775.68 | 0.18236    | (19121716) |            |           |
| 385565.56  | 3810754.19 | 0.18953    | (19121716) | 385576.71 |
| 3810732.69 | 0.19664    | (19121716) |            |           |
| 385587.85  | 3810711.20 | 0.20374    | (19121716) | 385599.00 |
| 3810689.71 | 0.21065    | (19121716) |            |           |
| 385610.15  | 3810668.21 | 0.21779    | (19121716) | 385621.30 |
| 3810646.72 | 0.22443    | (19121716) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1117

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 385632.45   | 3810625.23  | 0.23120    | (19121716) | 385643.60   |
| 3810603.74  | 0.23831     | (19121716) |            |             |
| 385654.75   | 3810582.24  | 0.24584    | (19121716) | 385665.90   |
| 3810560.75  | 0.25640     | (19121716) |            |             |
| 385677.05   | 3810539.26  | 0.26794    | (19121716) | 385688.20   |
| 3810517.77  | 0.28145     | (19121716) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385699.35  | 3810496.27         | 0.29395 | (19121716) | 385710.50 |
| 3810474.78 | 0.30363 (19121716) |         |            |           |
| 385721.65  | 3810453.29         | 0.31318 | (19121716) | 385732.80 |
| 3810431.80 | 0.31675 (19121716) |         |            |           |
| 385743.95  | 3810410.30         | 0.32363 | (19121716) | 385755.09 |
| 3810388.81 | 0.32813 (19121716) |         |            |           |
| 385766.24  | 3810367.32         | 0.33270 | (19121716) | 385777.39 |
| 3810345.83 | 0.33569 (19121716) |         |            |           |
| 385788.54  | 3810324.33         | 0.33660 | (19121716) | 385799.69 |
| 3810302.84 | 0.33510 (19121716) |         |            |           |
| 385810.84  | 3810281.35         | 0.33569 | (19121716) | 385821.99 |
| 3810259.86 | 0.33825 (19121716) |         |            |           |
| 385833.14  | 3810238.36         | 0.34321 | (19121716) | 385844.29 |
| 3810216.87 | 0.34785 (19121716) |         |            |           |
| 385855.44  | 3810195.38         | 0.34946 | (19121716) | 385866.59 |
| 3810173.89 | 0.35003 (19121716) |         |            |           |
| 385877.74  | 3810152.39         | 0.34948 | (19121716) | 385888.89 |
| 3810130.90 | 0.35008 (19121716) |         |            |           |
| 385900.04  | 3810109.41         | 0.34994 | (19121716) | 385911.19 |
| 3810087.91 | 0.34745 (19121716) |         |            |           |
| 385922.33  | 3810066.42         | 0.34121 | (19121716) | 385933.48 |
| 3810044.93 | 0.33467 (19121716) |         |            |           |
| 385944.63  | 3810023.44         | 0.32902 | (19121716) | 385955.78 |
| 3810001.94 | 0.31914 (19121716) |         |            |           |
| 385966.93  | 3809980.45         | 0.31286 | (19121716) | 385978.08 |
| 3809958.96 | 0.30992 (19121716) |         |            |           |
| 385989.23  | 3809937.47         | 0.30492 | (19121716) | 386000.38 |
| 3809915.97 | 0.30069 (19121716) |         |            |           |
| 386011.53  | 3809894.48         | 0.29758 | (19121716) | 386022.68 |
| 3809872.99 | 0.29426 (19121716) |         |            |           |
| 386033.83  | 3809851.50         | 0.29313 | (19121716) | 386044.98 |
| 3809830.00 | 0.28762 (19121716) |         |            |           |
| 386056.13  | 3809808.51         | 0.28171 | (19121716) | 386067.28 |
| 3809787.02 | 0.27309 (19121716) |         |            |           |
| 386078.43  | 3809765.53         | 0.26735 | (19121716) | 386089.57 |
| 3809744.03 | 0.26210 (19121716) |         |            |           |
| 386100.72  | 3809722.54         | 0.25669 | (19121716) | 386111.87 |
| 3809701.05 | 0.25089 (19121716) |         |            |           |
| 386123.02  | 3809679.56         | 0.24693 | (20020416) | 386134.17 |
| 3809658.06 | 0.24914 (20020416) |         |            |           |
| 386145.32  | 3809636.57         | 0.25147 | (20020416) | 386156.47 |
| 3809615.08 | 0.25465 (20020416) |         |            |           |
| 386167.62  | 3809593.58         | 0.25577 | (20020416) | 386178.77 |
| 3809572.09 | 0.27126 (18122824) |         |            |           |
| 386189.92  | 3809550.60         | 0.30032 | (18122824) | 386201.07 |
| 3809529.11 | 0.32990 (18122824) |         |            |           |
| 386212.22  | 3809507.61         | 0.39660 | (18122824) | 386223.37 |
| 3809486.12 | 0.48899 (18122824) |         |            |           |
| 386234.52  | 3809464.63         | 0.59600 | (18122824) | 386245.67 |
| 3809443.14 | 0.64470 (18122824) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386256.81  | 3809421.64 | 0.66284    | (18122824) | 386267.96 |
| 3809400.15 | 0.68312    | (18122824) |            |           |
| 386279.11  | 3809378.66 | 0.75712    | (18091324) | 386290.26 |
| 3809357.17 | 0.83439    | (18091324) |            |           |
| 386301.41  | 3809335.67 | 0.76216    | (18091324) | 386312.56 |
| 3809314.18 | 0.66334    | (18122824) |            |           |
| 386323.71  | 3809292.69 | 0.57226    | (18122824) | 386334.86 |
| 3809271.20 | 0.48566    | (18122824) |            |           |
| 386346.01  | 3809249.70 | 0.41148    | (18122824) | 386357.16 |
| 3809228.21 | 0.40657    | (18122824) |            |           |
| 386368.31  | 3809206.72 | 0.45340    | (18122824) | 386379.46 |
| 3809185.23 | 0.52971    | (18122824) |            |           |
| 386390.61  | 3809163.73 | 0.59608    | (18122824) | 386401.76 |
| 3809142.24 | 0.75432    | (16091008) |            |           |
| 386412.91  | 3809120.75 | 0.90409    | (16091008) | 386424.05 |
| 3809099.25 | 1.03359    | (16091008) |            |           |
| 386435.20  | 3809077.76 | 1.07352    | (16091008) | 386446.35 |
| 3809056.27 | 1.05772    | (16091008) |            |           |
| 386457.50  | 3809034.78 | 0.92551    | (16091008) | 386468.65 |
| 3809013.28 | 0.73527    | (16091008) |            |           |
| 386479.80  | 3808991.79 | 0.62252    | (16091008) | 386490.95 |
| 3808970.30 | 0.55037    | (16091008) |            |           |
| 386502.10  | 3808948.81 | 0.54983    | (16091008) | 386513.25 |
| 3808927.31 | 0.60133    | (20051008) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1118

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 386524.40   | 3808905.82  | 0.63047    | (20051008) | 386535.55   |
| 3808884.33  | 0.66134     | (19013108) |            |             |
| 386546.70   | 3808862.84  | 0.63574    | (19013108) | 386557.85   |
| 3808841.34  | 0.58627     | (19013108) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386569.00  | 3808819.85         | 0.48363 | (19013108) | 386580.14 |
| 3808798.36 | 0.46070 (17012524) |         |            |           |
| 386591.29  | 3808776.87         | 0.46288 | (17012524) | 386602.44 |
| 3808755.37 | 0.48231 (19013108) |         |            |           |
| 386613.59  | 3808733.88         | 0.44191 | (17012524) | 386624.74 |
| 3808712.39 | 0.41608 (17012524) |         |            |           |
| 386635.89  | 3808690.90         | 0.39094 | (17012524) | 386647.04 |
| 3808669.40 | 0.36670 (17012524) |         |            |           |
| 386658.19  | 3808647.91         | 0.35004 | (17012524) | 386669.34 |
| 3808626.42 | 0.34039 (17012524) |         |            |           |
| 386680.49  | 3808604.92         | 0.34929 | (17012524) | 386691.64 |
| 3808583.43 | 0.35144 (17012524) |         |            |           |
| 386702.79  | 3808561.94         | 0.37189 | (17012524) | 386713.94 |
| 3808540.45 | 0.41103 (17012524) |         |            |           |
| 386725.09  | 3808518.95         | 0.41365 | (17012524) | 386736.24 |
| 3808497.46 | 0.40644 (17012524) |         |            |           |
| 386747.38  | 3808475.97         | 0.39775 | (17012524) | 386758.53 |
| 3808454.48 | 0.41066 (17012524) |         |            |           |
| 386769.68  | 3808432.98         | 0.41252 | (17012524) | 386780.83 |
| 3808411.49 | 0.40334 (17012524) |         |            |           |
| 386791.98  | 3808390.00         | 0.37985 | (17012524) | 386803.13 |
| 3808368.51 | 0.37443 (17012524) |         |            |           |
| 386814.28  | 3808347.01         | 0.38148 | (19011508) | 386825.43 |
| 3808325.52 | 0.41294 (19011508) |         |            |           |
| 386836.58  | 3808304.03         | 0.44295 | (19011508) | 386847.73 |
| 3808282.54 | 0.46116 (19011508) |         |            |           |
| 386858.88  | 3808261.04         | 0.49081 | (19011508) | 386870.03 |
| 3808239.55 | 0.51568 (19011508) |         |            |           |
| 386881.18  | 3808218.06         | 0.54430 | (19011508) | 386892.33 |
| 3808196.57 | 0.57733 (19011508) |         |            |           |
| 386903.48  | 3808175.07         | 0.63152 | (19011508) | 386914.62 |
| 3808153.58 | 0.64212 (19011508) |         |            |           |
| 386925.77  | 3808132.09         | 0.67089 | (19011508) | 386936.92 |
| 3808110.59 | 0.75341 (19011508) |         |            |           |
| 386948.07  | 3808089.10         | 0.88308 | (19011508) | 386959.22 |
| 3808067.61 | 1.03066 (19011508) |         |            |           |
| 386970.37  | 3808046.12         | 1.07415 | (19011508) | 386981.52 |
| 3808024.62 | 1.05847 (19011508) |         |            |           |
| 386992.67  | 3808003.13         | 1.09449 | (19011508) | 387003.82 |
| 3807981.64 | 1.13090 (19011508) |         |            |           |
| 387014.97  | 3807960.15         | 1.14018 | (19011508) | 387026.12 |
| 3807938.65 | 1.11572 (19011508) |         |            |           |
| 387037.27  | 3807917.16         | 1.13151 | (18010224) | 387048.42 |
| 3807895.67 | 1.19016 (18010224) |         |            |           |
| 387059.57  | 3807874.18         | 1.23757 | (18010224) | 387070.72 |
| 3807852.68 | 1.31771 (18010224) |         |            |           |
| 387081.86  | 3807831.19         | 1.37636 | (18010224) | 387093.01 |
| 3807809.70 | 1.42436 (18010224) |         |            |           |
| 387104.16  | 3807788.21         | 1.44477 | (18010224) | 387115.31 |
| 3807766.71 | 1.42356 (18010224) |         |            |           |





|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387438.64  | 3807143.43         | 2.85292 | (16110424) | 387449.79 |
| 3807121.93 | 3.04526 (16110424) |         |            |           |
| 387460.94  | 3807100.44         | 3.18295 | (16110424) | 387472.09 |
| 3807078.95 | 3.25107 (16110424) |         |            |           |
| 387483.24  | 3807057.46         | 3.30451 | (16110424) | 387494.39 |
| 3807035.96 | 3.34258 (16110424) |         |            |           |
| 387505.54  | 3807014.47         | 3.36481 | (16110424) | 387516.69 |
| 3806992.98 | 3.37095 (16110424) |         |            |           |
| 387527.84  | 3806971.49         | 3.36098 | (16110424) | 387538.99 |
| 3806949.99 | 3.33511 (16110424) |         |            |           |
| 387550.14  | 3806928.50         | 3.29380 | (16110424) | 387561.29 |
| 3806907.01 | 3.23768 (16110424) |         |            |           |
| 387572.44  | 3806885.52         | 3.16760 | (16110424) | 387583.58 |
| 3806864.02 | 3.08457 (16110424) |         |            |           |
| 387594.73  | 3806842.53         | 2.98977 | (16110424) | 387605.88 |
| 3806821.04 | 2.88448 (16110424) |         |            |           |
| 387617.03  | 3806799.55         | 3.00759 | (16122124) | 387651.82 |
| 3806772.80 | 3.24708 (16122124) |         |            |           |
| 387675.45  | 3806767.54         | 3.35865 | (16122124) | 387699.09 |
| 3806762.28 | 3.46042 (16122124) |         |            |           |
| 387722.72  | 3806757.03         | 3.55106 | (16122124) | 387746.36 |
| 3806751.77 | 3.62952 (16122124) |         |            |           |
| 387769.99  | 3806746.51         | 3.69472 | (16122124) | 387793.63 |
| 3806741.25 | 3.74585 (16122124) |         |            |           |
| 387817.26  | 3806736.00         | 3.78218 | (16122124) | 387840.90 |
| 3806730.74 | 3.80329 (16122124) |         |            |           |
| 387864.53  | 3806725.48         | 3.80886 | (16122124) | 387888.16 |
| 3806720.23 | 3.79886 (16122124) |         |            |           |
| 387911.80  | 3806714.97         | 3.77341 | (16122124) | 387935.43 |
| 3806709.71 | 3.73290 (16122124) |         |            |           |
| 387959.07  | 3806704.46         | 3.67789 | (16122124) | 387982.70 |
| 3806699.20 | 3.60916 (16122124) |         |            |           |
| 388006.34  | 3806693.94         | 3.52760 | (16122124) | 388029.97 |
| 3806688.68 | 3.43437 (16122124) |         |            |           |
| 388053.61  | 3806683.43         | 3.33065 | (16122124) | 388077.24 |
| 3806678.17 | 3.21779 (16122124) |         |            |           |
| 388100.88  | 3806672.91         | 3.09712 | (16122124) | 388124.51 |
| 3806667.66 | 2.97021 (16122124) |         |            |           |
| 388148.15  | 3806662.40         | 2.83836 | (16122124) | 388171.78 |
| 3806657.14 | 2.70312 (16122124) |         |            |           |
| 388195.42  | 3806651.89         | 2.61638 | (20040908) | 388219.05 |
| 3806646.63 | 2.59537 (17021608) |         |            |           |
| 388242.69  | 3806641.37         | 2.62707 | (17021608) | 388266.32 |
| 3806636.12 | 2.64564 (17021608) |         |            |           |
| 388289.96  | 3806630.86         | 2.65074 | (17021608) | 388313.59 |
| 3806625.60 | 2.64225 (17021608) |         |            |           |
| 388337.23  | 3806620.34         | 2.62023 | (17021608) | 388360.86 |
| 3806615.09 | 2.58500 (17021608) |         |            |           |
| 388384.50  | 3806609.83         | 2.53699 | (17021608) | 388408.13 |
| 3806604.57 | 2.47694 (17021608) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388431.77  | 3806599.32         | 2.40566 | (17021608) | 388455.40 |
| 3806594.06 | 2.32418 (17021608) |         |            |           |
| 388479.03  | 3806588.80         | 2.23364 | (17021608) | 388502.67 |
| 3806583.55 | 2.13526 (17021608) |         |            |           |
| 388526.30  | 3806578.29         | 2.03039 | (17021608) | 388549.94 |
| 3806573.03 | 1.92033 (17021608) |         |            |           |
| 388573.57  | 3806567.77         | 1.95282 | (20121924) | 388597.21 |
| 3806562.52 | 2.10826 (20121924) |         |            |           |
| 388620.84  | 3806557.26         | 2.26412 | (20121924) | 388644.48 |
| 3806552.00 | 2.41877 (20121924) |         |            |           |
| 388668.11  | 3806546.75         | 2.59966 | (16011708) | 388691.75 |
| 3806541.49 | 2.79768 (16011708) |         |            |           |
| 388715.38  | 3806536.23         | 2.99637 | (16011708) | 388739.02 |
| 3806530.98 | 3.19390 (16011708) |         |            |           |
| 388762.65  | 3806525.72         | 3.38814 | (16011708) | 388786.29 |
| 3806520.46 | 3.57703 (16011708) |         |            |           |
| 388809.92  | 3806515.20         | 3.75822 | (16011708) | 388833.56 |
| 3806509.95 | 3.92960 (16011708) |         |            |           |
| 388857.19  | 3806504.69         | 4.08889 | (16011708) | 388880.83 |
| 3806499.43 | 4.23407 (16011708) |         |            |           |
| 388904.46  | 3806494.18         | 4.36299 | (16011708) | 388928.10 |
| 3806488.92 | 4.47397 (16011708) |         |            |           |
| 388951.73  | 3806483.66         | 4.56527 | (16011708) | 388975.37 |
| 3806478.41 | 4.63556 (16011708) |         |            |           |
| 388999.00  | 3806473.15         | 4.68370 | (16011708) | 389022.64 |
| 3806467.89 | 4.70892 (16011708) |         |            |           |
| 389046.27  | 3806462.64         | 4.71074 | (16011708) | 389069.91 |
| 3806457.38 | 4.68904 (16011708) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1120

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389093.54  | 3806452.12          | 4.64405  | (16011708) | 389117.17 |
| 3806446.86 | 4.57635 (16011708)  |          |            |           |
| 389140.81  | 3806441.61          | 4.48683  | (16011708) | 389164.44 |
| 3806436.35 | 4.37673 (16011708)  |          |            |           |
| 389188.08  | 3806431.09          | 4.24751  | (16011708) | 389211.71 |
| 3806425.84 | 4.10106 (16011708)  |          |            |           |
| 389235.35  | 3806420.58          | 3.93917  | (16011708) | 389258.98 |
| 3806415.32 | 3.76414 (16011708)  |          |            |           |
| 389282.62  | 3806410.07          | 3.57815  | (16011708) | 389306.25 |
| 3806404.81 | 3.38360 (16011708)  |          |            |           |
| 389329.89  | 3806399.55          | 3.18273  | (16011708) | 389353.52 |
| 3806394.29 | 2.97805 (16011708)  |          |            |           |
| 389377.16  | 3806389.04          | 2.77169  | (16011708) | 389400.79 |
| 3806383.78 | 2.66316 (18092724)  |          |            |           |
| 389424.43  | 3806378.52          | 2.61172  | (18092724) | 389448.06 |
| 3806373.27 | 2.54644 (18092724)  |          |            |           |
| 389471.70  | 3806368.01          | 2.46831  | (18092724) | 389495.33 |
| 3806362.75 | 2.37863 (18092724)  |          |            |           |
| 389518.97  | 3806357.50          | 2.27877  | (18092724) | 389542.60 |
| 3806352.24 | 2.20963 (20021208)  |          |            |           |
| 389566.24  | 3806346.98          | 2.31170  | (20021208) | 389589.87 |
| 3806341.72 | 2.40436 (20021208)  |          |            |           |
| 389613.51  | 3806336.47          | 2.48616  | (20021208) | 389637.14 |
| 3806331.21 | 2.55566 (20021208)  |          |            |           |
| 389660.78  | 3806325.95          | 2.61170  | (20021208) | 389684.41 |
| 3806320.70 | 2.65322 (20021208)  |          |            |           |
| 389708.04  | 3806315.44          | 2.67950  | (20021208) | 389731.68 |
| 3806310.18 | 2.69001 (20021208)  |          |            |           |
| 389755.31  | 3806304.93          | 2.68452  | (20021208) | 389778.95 |
| 3806299.67 | 2.66308 (20021208)  |          |            |           |
| 389802.58  | 3806294.41          | 2.71353  | (20013024) | 389826.22 |
| 3806289.16 | 2.79990 (20013024)  |          |            |           |
| 389849.85  | 3806283.90          | 2.87215  | (20013024) | 389873.49 |
| 3806278.64 | 2.92912 (20013024)  |          |            |           |
| 389897.12  | 3806273.38          | 2.96983  | (20013024) | 389920.76 |
| 3806268.13 | 2.99364 (20013024)  |          |            |           |
| 389944.39  | 3806262.87          | 3.00021  | (20013024) | 389968.03 |
| 3806257.61 | 3.05156m (18120924) |          |            |           |
| 389991.66  | 3806252.36          | 3.17279m | (18120924) | 390015.30 |
| 3806247.10 | 3.27895m (18120924) |          |            |           |
| 390038.93  | 3806241.84          | 3.36810m | (18120924) | 390062.57 |
| 3806236.59 | 3.43868m (18120924) |          |            |           |
| 390086.20  | 3806231.33          | 3.48934m | (18120924) | 390109.84 |
| 3806226.07 | 3.51916m (18120924) |          |            |           |
| 390133.47  | 3806220.81          | 3.52750m | (18120924) | 390157.11 |
| 3806215.56 | 3.51418m (18120924) |          |            |           |
| 390180.74  | 3806210.30          | 3.47939m | (18120924) | 390204.38 |
| 3806205.04 | 3.42368m (18120924) |          |            |           |
| 390228.01  | 3806199.79          | 3.50738  | (18120308) | 390251.65 |
| 3806194.53 | 3.58783 (18120308)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390275.28  | 3806189.27 | 3.64745    | (18120308) | 390298.91 |
| 3806184.02 | 3.68511    | (18120308) |            |           |
| 390322.55  | 3806178.76 | 3.70009    | (18120308) | 390346.18 |
| 3806173.50 | 3.69204    | (18120308) |            |           |
| 390369.82  | 3806168.24 | 3.66104    | (18120308) | 390393.45 |
| 3806162.99 | 3.60766    | (18120308) |            |           |
| 390417.09  | 3806157.73 | 3.53277    | (18120308) | 390440.72 |
| 3806152.47 | 3.43777    | (18120308) |            |           |
| 390464.36  | 3806147.22 | 3.32427    | (18120308) | 390487.99 |
| 3806141.96 | 3.20015    | (20010224) |            |           |
| 390511.63  | 3806136.70 | 3.21754    | (20010224) | 390535.26 |
| 3806131.45 | 3.21466    | (20010224) |            |           |
| 390558.90  | 3806126.19 | 3.19153    | (20010224) | 390582.53 |
| 3806120.93 | 3.28887    | (17123108) |            |           |
| 390606.17  | 3806115.68 | 3.39543    | (17123108) | 390629.80 |
| 3806110.42 | 3.48327    | (17123108) |            |           |
| 390653.44  | 3806105.16 | 3.55081    | (17123108) | 390677.07 |
| 3806099.90 | 3.59668    | (17123108) |            |           |
| 390700.71  | 3806094.65 | 3.62001    | (17123108) | 390724.34 |
| 3806089.39 | 3.62031    | (17123108) |            |           |
| 390747.98  | 3806084.13 | 3.59751    | (17123108) | 390771.61 |
| 3806078.88 | 3.55204    | (17123108) |            |           |
| 390795.25  | 3806073.62 | 3.48467    | (17123108) | 390818.88 |
| 3806068.36 | 3.39669    | (17123108) |            |           |
| 390842.52  | 3806063.11 | 3.28963    | (17123108) | 390866.15 |
| 3806057.85 | 3.16547    | (17123108) |            |           |
| 390889.79  | 3806052.59 | 3.02629    | (17123108) | 390913.42 |
| 3806047.33 | 2.87460    | (17123108) |            |           |
| 390937.05  | 3806042.08 | 3.00494    | (17102724) | 390960.69 |
| 3806036.82 | 3.12800    | (17102724) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1121

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390984.32  | 3806031.56         | 3.23508 | (17102724) | 391007.96 |
| 3806026.31 | 3.32427 (17102724) |         |            |           |
| 391031.59  | 3806021.05         | 3.39384 | (17102724) | 391055.23 |
| 3806015.79 | 3.44247 (17102724) |         |            |           |
| 391078.86  | 3806010.54         | 3.46915 | (17102724) | 391102.50 |
| 3806005.28 | 3.47336 (17102724) |         |            |           |
| 391126.13  | 3806000.02         | 3.45498 | (17102724) | 391149.77 |
| 3805994.77 | 3.41433 (17102724) |         |            |           |
| 391173.40  | 3805989.51         | 3.35217 | (17102724) | 391197.04 |
| 3805984.25 | 3.26963 (17102724) |         |            |           |
| 391220.67  | 3805978.99         | 3.16830 | (17102724) | 391244.31 |
| 3805973.74 | 3.04999 (17102724) |         |            |           |
| 391267.94  | 3805968.48         | 2.91687 | (17102724) | 391291.58 |
| 3805963.22 | 3.01610 (19020708) |         |            |           |
| 391315.21  | 3805957.97         | 3.16284 | (19020708) | 391338.85 |
| 3805952.71 | 3.29509 (19020708) |         |            |           |
| 391362.48  | 3805947.45         | 3.41032 | (19020708) | 391386.12 |
| 3805942.20 | 3.50647 (19020708) |         |            |           |
| 391409.75  | 3805936.94         | 3.58163 | (19020708) | 391433.39 |
| 3805931.68 | 3.63439 (19020708) |         |            |           |
| 391457.02  | 3805926.42         | 3.66363 | (19020708) | 391480.66 |
| 3805921.17 | 3.66879 (19020708) |         |            |           |
| 391504.29  | 3805915.91         | 3.64972 | (19020708) | 391527.92 |
| 3805910.65 | 3.60679 (19020708) |         |            |           |
| 391551.56  | 3805905.40         | 3.54080 | (19020708) | 391575.19 |
| 3805900.14 | 3.45304 (19020708) |         |            |           |
| 391598.83  | 3805894.88         | 3.34510 | (19020708) | 391622.46 |
| 3805889.63 | 3.21911 (19020708) |         |            |           |
| 391646.10  | 3805884.37         | 3.07723 | (19020708) | 391669.73 |
| 3805879.11 | 3.11340 (17021124) |         |            |           |
| 391693.37  | 3805873.85         | 3.26505 | (17021124) | 391717.00 |
| 3805868.60 | 3.40130 (17021124) |         |            |           |
| 391740.64  | 3805863.34         | 3.51980 | (17021124) | 391764.27 |
| 3805858.08 | 3.61821 (17021124) |         |            |           |
| 391787.91  | 3805852.83         | 3.69468 | (17021124) | 391811.54 |
| 3805847.57 | 3.74767 (17021124) |         |            |           |
| 391835.18  | 3805842.31         | 3.77614 | (17021124) | 391858.81 |
| 3805837.06 | 3.77949 (17021124) |         |            |           |
| 391882.45  | 3805831.80         | 3.75764 | (17021124) | 391906.08 |
| 3805826.54 | 3.71102 (17021124) |         |            |           |
| 391929.72  | 3805821.29         | 3.64051 | (17021124) | 391953.35 |
| 3805816.03 | 3.54752 (17021124) |         |            |           |
| 391976.99  | 3805810.77         | 3.43377 | (17021124) | 392000.62 |
| 3805805.51 | 3.30149 (17021124) |         |            |           |
| 392024.26  | 3805800.26         | 3.27946 | (20031208) | 392047.89 |
| 3805795.00 | 3.28089 (20031208) |         |            |           |
| 392071.53  | 3805789.74         | 3.26039 | (20031208) | 392095.16 |
| 3805784.49 | 3.21835 (20031208) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392118.79  | 3805779.23         | 3.15561 | (20031208) | 392142.43 |
| 3805773.97 | 3.07334 (20031208) |         |            |           |
| 392166.06  | 3805768.72         | 2.97322 | (20031208) | 392189.70 |
| 3805763.46 | 2.85703 (20031208) |         |            |           |
| 392213.33  | 3805758.20         | 2.98473 | (16102924) | 392236.97 |
| 3805752.94 | 3.14764 (16102924) |         |            |           |
| 392260.60  | 3805747.69         | 3.29711 | (16102924) | 392284.24 |
| 3805742.43 | 3.43061 (16102924) |         |            |           |
| 392307.87  | 3805737.17         | 3.54554 | (16102924) | 392331.51 |
| 3805731.92 | 3.63979 (16102924) |         |            |           |
| 392355.14  | 3805726.66         | 3.71147 | (16102924) | 392378.78 |
| 3805721.40 | 3.75922 (16102924) |         |            |           |
| 392402.41  | 3805716.15         | 3.78204 | (16102924) | 392426.05 |
| 3805710.89 | 3.77948 (16102924) |         |            |           |
| 392449.68  | 3805705.63         | 3.75161 | (16102924) | 392473.32 |
| 3805700.37 | 3.69895 (16102924) |         |            |           |
| 392496.95  | 3805695.12         | 3.62260 | (16102924) | 392520.59 |
| 3805689.86 | 3.65305 (16040124) |         |            |           |
| 392544.22  | 3805684.60         | 3.72253 | (16040124) | 392567.86 |
| 3805679.35 | 3.76796 (16040124) |         |            |           |
| 392591.49  | 3805674.09         | 3.78840 | (16040124) | 392615.13 |
| 3805668.83 | 3.78346 (16040124) |         |            |           |
| 392638.76  | 3805663.58         | 3.75324 | (16040124) | 392662.40 |
| 3805658.32 | 3.69831 (16040124) |         |            |           |
| 392686.03  | 3805653.06         | 3.61982 | (16040124) | 392709.67 |
| 3805647.81 | 3.51926 (16040124) |         |            |           |
| 392733.30  | 3805642.55         | 3.39863 | (16040124) | 392756.93 |
| 3805637.29 | 3.26017 (16040124) |         |            |           |
| 392780.57  | 3805632.03         | 3.10638 | (16040124) | 392804.20 |
| 3805626.78 | 2.94013 (16040124) |         |            |           |
| 392827.84  | 3805621.52         | 3.07042 | (16010224) | 392851.47 |
| 3805616.26 | 3.18903 (16010224) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1122

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|------------|------------|-------------|
| - - - - -   | - - - - -   | - - - - -   | - - - - -  | - - - - -  | - - - - -   |
| 3805605.75  | 392875.11   | 3805611.01  | 3.29008    | (16010224) | 392898.74   |
| 3805595.24  | 392922.38   | 3805600.49  | 3.43197    | (16010224) | 392946.01   |
| 3805584.72  | 392969.65   | 3805589.98  | 3.48515    | (16010224) | 392993.28   |
| 3805574.21  | 393016.92   | 3805579.46  | 3.44550    | (16010224) | 393040.55   |
| 3805563.69  | 393064.19   | 3805568.95  | 3.31626    | (16010224) | 393087.82   |
| 3805553.18  | 393111.46   | 3805558.44  | 3.10758    | (16010224) | 393135.09   |
| 3805542.67  | 393158.73   | 3805547.92  | 3.04572    | (17012524) | 393182.36   |
| 3805532.15  | 393206.00   | 3805537.41  | 3.34528    | (17012524) | 393229.63   |
| 3805521.64  | 393253.27   | 3805526.89  | 3.57732    | (17012524) | 393276.90   |
| 3805511.12  | 393300.54   | 3805516.38  | 3.72468    | (17012524) | 393324.17   |
| 3805500.61  | 393347.80   | 3805505.87  | 3.77612    | (17012524) | 393371.44   |
| 3805490.10  | 393395.07   | 3805495.35  | 3.72781    | (17012524) | 393418.71   |
| 3805479.58  | 393442.34   | 3805484.84  | 3.58370    | (17012524) | 393465.98   |
| 3805469.07  | 393489.61   | 3805474.33  | 3.38571    | (16122608) | 393513.25   |
| 3805458.55  | 393536.88   | 3805463.81  | 3.38247    | (16122608) | 393560.52   |
| 3805448.04  | 393584.15   | 3805453.30  | 3.33627    | (17121824) | 393607.79   |
| 3805437.53  | 393631.42   | 3805442.78  | 3.56362    | (17121824) | 393655.06   |
| 3805427.01  | 393678.69   | 3805432.27  | 3.70728    | (17121824) | 393702.33   |
| 3805416.50  | 393725.96   | 3805421.76  | 3.75651    | (17121824) | 393749.60   |
| 3805405.98  | 393773.23   | 3805411.24  | 3.70773    | (17121824) | 393796.87   |
| 3805395.47  | 393820.50   | 3805400.73  | 3.56498    | (17121824) | 393844.14   |
| 3805384.96  | 393867.77   | 3805390.21  | 3.33933    | (17121824) | 393891.41   |
| 3805374.44  | 393915.04   | 3805379.70  | 3.04753    | (17121824) | 393938.67   |
|             |             | 2.88313     | (17121824) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393962.31  | 3805369.19         | 2.70990 | (17121824) | 393985.94 |
| 3805363.93 | 2.70617 (16012124) |         |            |           |
| 394009.58  | 3805358.67         | 2.78811 | (16012124) | 394033.21 |
| 3805353.42 | 2.85390 (16012124) |         |            |           |
| 394056.85  | 3805348.16         | 2.90237 | (16012124) | 394080.48 |
| 3805342.90 | 2.93260 (16012124) |         |            |           |
| 394104.12  | 3805337.64         | 3.00161 | (17122408) | 394127.75 |
| 3805332.39 | 3.15431 (17122408) |         |            |           |
| 394151.39  | 3805327.13         | 3.29344 | (17122408) | 394175.02 |
| 3805321.87 | 3.41651 (17122408) |         |            |           |
| 394198.66  | 3805316.62         | 3.52144 | (17122408) | 394222.29 |
| 3805311.36 | 3.60627 (17122408) |         |            |           |
| 394245.93  | 3805306.10         | 3.66952 | (17122408) | 394269.56 |
| 3805300.85 | 3.70999 (17122408) |         |            |           |
| 394293.20  | 3805295.59         | 3.72699 | (17122408) | 394316.83 |
| 3805290.33 | 3.72023 (17122408) |         |            |           |
| 394340.47  | 3805285.07         | 3.68987 | (17122408) | 394364.10 |
| 3805279.82 | 3.63657 (17122408) |         |            |           |
| 394387.74  | 3805274.56         | 3.56132 | (17122408) | 394411.37 |
| 3805269.30 | 3.46562 (17122408) |         |            |           |
| 394435.01  | 3805264.05         | 3.35119 | (17122408) | 394458.64 |
| 3805258.79 | 3.22018 (17122408) |         |            |           |
| 394482.28  | 3805253.53         | 3.07480 | (17122408) | 394505.91 |
| 3805248.28 | 3.12426 (18061208) |         |            |           |
| 394529.55  | 3805243.02         | 3.26376 | (18061208) | 394553.18 |
| 3805237.76 | 3.38836 (18061208) |         |            |           |
| 394576.81  | 3805232.50         | 3.49598 | (18061208) | 394600.45 |
| 3805227.25 | 3.58478 (18061208) |         |            |           |
| 394624.08  | 3805221.99         | 3.65311 | (18061208) | 394647.72 |
| 3805216.73 | 3.69981 (18061208) |         |            |           |
| 394671.35  | 3805211.48         | 3.72401 | (18061208) | 394694.99 |
| 3805206.22 | 3.72532 (18061208) |         |            |           |
| 394718.62  | 3805200.96         | 3.70376 | (18061208) | 394742.26 |
| 3805195.71 | 3.65975 (18061208) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1123

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3



\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| -----                      |                                |         |            |             |
| 394765.89                  | 3805190.45                     | 3.59417 | (18061208) | 394789.53   |
| 3805185.19                 | 3.50820 (18061208)             |         |            |             |
| 394813.16                  | 3805179.94                     | 3.40350 | (18061208) | 394836.80   |
| 3805174.68                 | 3.29206 (20113008)             |         |            |             |
| 394860.43                  | 3805169.42                     | 3.31965 | (20113008) | 394884.07   |
| 3805164.16                 | 3.32693 (20113008)             |         |            |             |
| 394907.70                  | 3805158.91                     | 3.31382 | (20113008) | 394931.34   |
| 3805153.65                 | 3.28058 (20113008)             |         |            |             |
| 394954.97                  | 3805148.39                     | 3.22791 | (20113008) | 394978.61   |
| 3805143.14                 | 3.15676 (20113008)             |         |            |             |
| 395002.24                  | 3805137.88                     | 3.06849 | (20113008) | 395025.88   |
| 3805132.62                 | 2.96461 (20113008)             |         |            |             |
| 395049.51                  | 3805127.37                     | 2.84702 | (20113008) | 395073.15   |
| 3805122.11                 | 2.91600 (16010224)             |         |            |             |
| 395096.78                  | 3805116.85                     | 3.06164 | (16010224) | 395120.42   |
| 3805111.59                 | 3.19514 (16010224)             |         |            |             |
| 395144.05                  | 3805106.34                     | 3.31423 | (16010224) | 395167.68   |
| 3805101.08                 | 3.41704 (16010224)             |         |            |             |
| 395191.32                  | 3805095.82                     | 3.50190 | (16010224) | 395214.95   |
| 3805090.57                 | 3.56732 (16010224)             |         |            |             |
| 395238.59                  | 3805085.31                     | 3.61226 | (16010224) | 395262.22   |
| 3805080.05                 | 3.63594 (16010224)             |         |            |             |
| 395285.86                  | 3805074.80                     | 3.63803 | (16010224) | 395309.49   |
| 3805069.54                 | 3.61854 (16010224)             |         |            |             |
| 395333.13                  | 3805064.28                     | 3.57787 | (16010224) | 395356.76   |
| 3805059.02                 | 3.51683 (16010224)             |         |            |             |
| 395380.40                  | 3805053.77                     | 3.43648 | (16010224) | 395404.03   |
| 3805048.51                 | 3.33832 (16010224)             |         |            |             |
| 395427.67                  | 3805043.25                     | 3.22398 | (16010224) | 395451.30   |
| 3805038.00                 | 3.09545 (16010224)             |         |            |             |
| 395474.94                  | 3805032.74                     | 2.95472 | (16010224) | 395498.57   |
| 3805027.48                 | 3.04094 (16120408)             |         |            |             |
| 395522.21                  | 3805022.23                     | 3.16967 | (16120408) | 395545.84   |
| 3805016.97                 | 3.28449 (16120408)             |         |            |             |
| 395569.48                  | 3805011.71                     | 3.38367 | (16120408) | 395593.11   |
| 3805006.46                 | 3.46558 (16120408)             |         |            |             |
| 395616.75                  | 3805001.20                     | 3.52894 | (16120408) | 395640.38   |
| 3804995.94                 | 3.57271 (16120408)             |         |            |             |
| 395664.02                  | 3804990.68                     | 3.59622 | (16120408) | 395687.65   |
| 3804985.43                 | 3.59914 (16120408)             |         |            |             |
| 395711.29                  | 3804980.17                     | 3.58146 | (16120408) | 395734.92   |
| 3804974.91                 | 3.54357 (16120408)             |         |            |             |
| 395758.55                  | 3804969.66                     | 3.48619 | (16120408) | 395782.19   |
| 3804964.40                 | 3.41029 (16120408)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395805.82  | 3804959.14 | 3.31725    | (16120408) | 395829.46 |
| 3804953.89 | 3.20855    | (16120408) |            |           |
| 395853.09  | 3804948.63 | 3.08607    | (16120408) | 395876.73 |
| 3804943.37 | 2.95161    | (16120408) |            |           |
| 395900.36  | 3804938.11 | 2.84709c   | (17011624) | 395924.00 |
| 3804932.86 | 2.82785c   | (17011624) |            |           |
| 395947.63  | 3804927.60 | 2.79309c   | (17011624) | 395971.27 |
| 3804922.34 | 2.74341c   | (17011624) |            |           |
| 395994.90  | 3804917.09 | 2.67971c   | (17011624) | 396018.54 |
| 3804911.83 | 2.60302c   | (17011624) |            |           |
| 396042.17  | 3804906.57 | 2.53278    | (20031108) | 396065.81 |
| 3804901.32 | 2.55442    | (20031108) |            |           |
| 396089.44  | 3804896.06 | 2.56205    | (20031108) | 396113.08 |
| 3804890.80 | 2.55559    | (20031108) |            |           |
| 396136.71  | 3804885.54 | 2.53520    | (20031108) | 396160.35 |
| 3804880.29 | 2.50126    | (20031108) |            |           |
| 396183.98  | 3804875.03 | 2.48610    | (17031708) | 396207.62 |
| 3804869.77 | 2.54607    | (17031708) |            |           |
| 396231.25  | 3804864.52 | 2.59327    | (17031708) | 396254.89 |
| 3804859.26 | 2.62703    | (17031708) |            |           |
| 396278.52  | 3804854.00 | 2.64683    | (17031708) | 396302.16 |
| 3804848.75 | 2.65244    | (17031708) |            |           |
| 396325.79  | 3804843.49 | 2.64379    | (17031708) | 396349.43 |
| 3804838.23 | 2.68262    | (16022408) |            |           |
| 396373.06  | 3804832.98 | 2.79000    | (16022408) | 396396.69 |
| 3804827.72 | 2.88842    | (16022408) |            |           |
| 396420.33  | 3804822.46 | 2.97708    | (16022408) | 396443.96 |
| 3804817.20 | 3.05523    | (16022408) |            |           |
| 396467.60  | 3804811.95 | 3.12249    | (16022408) | 396491.23 |
| 3804806.69 | 3.17850    | (16022408) |            |           |
| 396514.87  | 3804801.43 | 3.22328    | (16022408) | 396538.50 |
| 3804796.18 | 3.25694    | (16022408) |            |           |
| 396562.14  | 3804790.92 | 3.27985    | (16022408) | 396585.77 |
| 3804785.66 | 3.29251    | (16022408) |            |           |
| 396609.41  | 3804780.41 | 3.29563    | (16022408) | 396633.04 |
| 3804775.15 | 3.29231    | (20021824) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1124

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|----------|------------|-------------|
| 3804764.63  | 396656.68   | 3804769.89          | (20021824) | 3.35115  | (20021824) | 396680.31   |
| 3804754.12  | 396703.95   | 3804759.38          | (20021824) | 3.41849  | (20021824) | 396727.58   |
| 3804743.61  | 396751.22   | 3804748.86          | (20021824) | 3.41618  | (20021824) | 396774.85   |
| 3804733.09  | 396798.49   | 3804738.35          | (20021824) | 3.34493  | (20021824) | 396822.12   |
| 3804722.58  | 396845.76   | 3804727.84          | (16010908) | 3.29170  | (16010908) | 396869.39   |
| 3804712.07  | 396893.03   | 3804717.32          | (16010908) | 3.39709  | (16010908) | 396916.66   |
| 3804701.55  | 396940.30   | 3804706.81          | (16010908) | 3.43599  | (16010908) | 396963.93   |
| 3804691.04  | 396987.56   | 3804696.29          | (16010908) | 3.40664  | (16010908) | 397011.20   |
| 3804680.52  | 397034.83   | 3804685.78          | (16010908) | 3.31133  | (16010908) | 397058.47   |
| 3804670.01  | 397082.10   | 3804675.27          | (18020908) | 3.30258  | (18020908) | 397105.74   |
| 3804659.50  | 397129.37   | 3804664.75          | (18020908) | 3.38335  | (18020908) | 397153.01   |
| 3804648.98  | 397176.64   | 3804654.24          | (18020908) | 3.39907  | (18020908) | 397200.28   |
| 3804638.47  | 397223.91   | 3804643.72          | (18020908) | 3.34939  | (18020908) | 397247.55   |
| 3804627.95  | 397271.18   | 3804633.21          | (18020908) | 3.23769  | (18020908) | 397294.82   |
| 3804617.44  | 397318.45   | 3804622.70          | (18020908) | 3.07072  | (18020908) | 397342.09   |
| 3815700.20  | 383012.36   | 3815675.99          | (20020408) | 0.65482  | (20020408) | 383011.35   |
| 3815748.61  | 383010.33   | 3815724.41          | (20020408) | 0.53608  | (20020408) | 383009.32   |
| 3815797.03  | 383008.31   | 3815772.82          | (20020408) | 0.51851  | (20020408) | 383007.29   |
| 3816182.19  | 383006.28   | 3815821.23          | (20020408) | 0.53528  | (20020408) | 394679.23   |
| 3816228.19  | 394692.57   | 3816161.04          | (20060816) | 14.94308 | (20060816) | 394845.91   |
| 3816131.36  | 394745.90   | 3816165.12          | (19092416) | 19.64646 | (19092416) | 394739.24   |
|             |             | 23.10438            | (20100116) |          |            |             |
|             |             | 15.05983            | (19092416) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394765.91  | 3816089.07 | 8.25607    | (20100116) | 394832.59 |
| 3816072.01 | 8.22627    | (20111016) |            |           |
| 394812.58  | 3816059.39 | 7.01486    | (20111016) | 394712.58 |
| 3815996.32 | 5.93460    | (20020316) |            |           |
| 394899.26  | 3816054.94 | 7.86566    | (20111016) | 394859.26 |
| 3816029.71 | 8.32347    | (20111016) |            |           |
| 394839.26  | 3816017.10 | 7.74455    | (20111016) | 394779.25 |
| 3815979.26 | 5.68355    | (20100116) |            |           |
| 394905.93  | 3816000.04 | 5.73302    | (18090616) | 394685.91 |
| 3815861.28 | 5.07706    | (20100116) |            |           |
| 394665.91  | 3815848.67 | 5.23502    | (17031116) | 394932.60 |
| 3815957.74 | 5.40625    | (18090616) |            |           |
| 394752.59  | 3815844.22 | 4.84784    | (20100116) | 394732.58 |
| 3815831.60 | 4.98491    | (20100116) |            |           |
| 394712.58  | 3815818.99 | 5.00256    | (20100116) | 395085.95 |
| 3815936.23 | 4.35515    | (20123116) |            |           |
| 394985.95  | 3815873.16 | 4.74070    | (18090616) | 394945.94 |
| 3815847.93 | 4.72105c   | (20110416) |            |           |
| 394885.94  | 3815810.09 | 5.34911    | (20111016) | 394865.93 |
| 3815797.48 | 5.57425    | (20111016) |            |           |
| 394845.93  | 3815784.86 | 5.58521    | (20111016) | 394765.93 |
| 3815734.40 | 4.26550    | (19041216) |            |           |
| 394745.92  | 3815721.79 | 4.32441    | (19041216) | 395119.30 |
| 3815839.03 | 4.76592    | (19021816) |            |           |
| 395099.29  | 3815826.42 | 5.10883    | (19122316) | 395079.29 |
| 3815813.80 | 4.74460    | (19122316) |            |           |
| 395059.29  | 3815801.19 | 4.03487    | (20012316) | 395039.29 |
| 3815788.58 | 3.74230    | (20012316) |            |           |
| 395019.29  | 3815775.96 | 3.67162    | (19052816) | 394999.28 |
| 3815763.35 | 3.79510    | (17011716) |            |           |
| 394919.28  | 3815712.89 | 4.71485    | (19122216) | 394899.28 |
| 3815700.28 | 4.68287    | (19122216) |            |           |
| 394879.27  | 3815687.66 | 4.87163    | (20111016) | 394799.27 |
| 3815637.21 | 4.58116    | (20111016) |            |           |
| 395172.64  | 3815754.45 | 6.01614    | (20123116) | 395152.64 |
| 3815741.83 | 6.95577    | (19122316) |            |           |
| 395132.64  | 3815729.22 | 7.52848    | (19122316) | 395112.63 |
| 3815716.61 | 6.80529    | (19122316) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1125

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|---------------------|----------------|------------|--------------------|--|
|             |                     | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |                    |  |
| -----       |                     |                |            |                    |  |
| -----       |                     |                |            |                    |  |
| 395092.63   | 3815703.99          | 5.16456        | (19122316) | 395072.63          |  |
| 3815691.38  | 3.39894 (20012316)  |                |            |                    |  |
| 395052.63   | 3815678.76          | 3.38417        | (20120416) | 395012.62          |  |
| 3815653.53  | 3.65478 (20120416)  |                |            |                    |  |
| 394972.62   | 3815628.31          | 3.48920        | (19122216) | 394952.62          |  |
| 3815615.69  | 3.97882 (19122216)  |                |            |                    |  |
| 394932.62   | 3815603.08          | 4.28999m       | (19031316) | 394912.62          |  |
| 3815590.46  | 4.46894m (19031316) |                |            |                    |  |
| 395205.98   | 3815657.25          | 7.73829        | (19122316) | 395185.98          |  |
| 3815644.64  | 9.27668 (19122316)  |                |            |                    |  |
| 395165.98   | 3815632.02          | 9.75596        | (19122316) | 395145.97          |  |
| 3815619.41  | 9.07719 (19122316)  |                |            |                    |  |
| 395125.97   | 3815606.79          | 6.83194        | (19122316) | 395105.97          |  |
| 3815594.18  | 4.66529 (19122316)  |                |            |                    |  |
| 395085.97   | 3815581.56          | 3.10587        | (20120416) | 394985.96          |  |
| 3815518.49  | 4.13218 (16041524)  |                |            |                    |  |
| 394965.96   | 3815505.88          | 4.06734m       | (19031316) | 394945.96          |  |
| 3815493.27  | 4.57858m (19031316) |                |            |                    |  |
| 395259.32   | 3815572.66          | 7.95208        | (19122316) | 395239.32          |  |
| 3815560.05  | 10.98381 (19122316) |                |            |                    |  |
| 395219.32   | 3815547.44          | 13.11673       | (19122316) | 395199.32          |  |
| 3815534.82  | 12.75461 (19122316) |                |            |                    |  |
| 395179.32   | 3815522.21          | 10.49955       | (19122316) | 395159.31          |  |
| 3815509.59  | 8.30982 (19122316)  |                |            |                    |  |
| 395139.31   | 3815496.98          | 5.96516        | (19122316) | 395119.31          |  |
| 3815484.37  | 3.84044 (19122316)  |                |            |                    |  |
| 395019.30   | 3815421.30          | 7.21576        | (16041524) | 394999.30          |  |
| 3815408.68  | 6.57893 (16041524)  |                |            |                    |  |
| 394979.30   | 3815396.07          | 5.37609        | (16041524) | 394959.30          |  |
| 3815383.45  | 4.10906m (19031316) |                |            |                    |  |
| 395432.68   | 3815386.43          | 8.67480        | (19122324) | 395412.68          |  |
| 3815373.82  | 8.69986 (19122324)  |                |            |                    |  |
| 395392.68   | 3815361.20          | 9.90430        | (18101308) | 395372.68          |  |
| 3815348.59  | 10.73808 (16122524) |                |            |                    |  |
| 395352.68   | 3815335.98          | 10.93529       | (19122316) | 395332.68          |  |
| 3815323.36  | 13.76855 (20022608) |                |            |                    |  |
| 395312.67   | 3815310.75          | 19.59262       | (20022608) | 395292.67          |  |
| 3815298.13  | 18.48751 (20022608) |                |            |                    |  |
| 395272.67   | 3815285.52          | 12.08675       | (19122316) | 395252.67          |  |
| 3815272.91  | 9.94985 (19122316)  |                |            |                    |  |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 395232.67  | 3815260.29           | 8.35197   | (19122316) | 395212.67 |
| 3815247.68 | 9.49298c (19112308)  |           |            |           |
| 395192.66  | 3815235.06           | 13.18613  | (17010724) | 395172.66 |
| 3815222.45 | 15.35326 (17010724)  |           |            |           |
| 395152.66  | 3815209.83           | 13.68633  | (17010724) | 395132.66 |
| 3815197.22 | 10.27452 (19122608)  |           |            |           |
| 395112.66  | 3815184.61           | 8.70331   | (16022408) | 395092.65 |
| 3815171.99 | 8.53907 (16041524)   |           |            |           |
| 395566.04  | 3815174.97           | 27.95957  | (17102408) | 395546.04 |
| 3815162.36 | 29.70376 (17102408)  |           |            |           |
| 395526.04  | 3815149.74           | 30.62002c | (18121424) | 395506.04 |
| 3815137.13 | 35.00724c (18121424) |           |            |           |
| 395486.04  | 3815124.51           | 31.10574c | (18121424) | 395466.03 |
| 3815111.90 | 27.96384 (16012224)  |           |            |           |
| 395446.03  | 3815099.29           | 29.14380m | (17102624) | 395426.03 |
| 3815086.67 | 36.08766 (20022608)  |           |            |           |
| 395406.03  | 3815074.06           | 46.61686  | (20022608) | 395386.03 |
| 3815061.44 | 41.26986 (20022608)  |           |            |           |
| 395366.02  | 3815048.83           | 28.78512  | (20022608) | 395346.02 |
| 3815036.22 | 33.87309c (19112308) |           |            |           |
| 395326.02  | 3815023.60           | 37.90157c | (19112308) | 395306.02 |
| 3815010.99 | 38.40303 (17122508)  |           |            |           |
| 395286.02  | 3814998.37           | 41.04274  | (18011724) | 395266.02 |
| 3814985.76 | 36.07190 (18120424)  |           |            |           |
| 395246.01  | 3814973.15           | 40.69978  | (18120424) | 395226.01 |
| 3814960.53 | 39.59003 (16012624)  |           |            |           |
| 395699.40  | 3814963.51           | 38.28996  | (16012124) | 395679.40 |
| 3814950.90 | 35.39038 (20022724)  |           |            |           |
| 395659.40  | 3814938.28           | 37.64245  | (17021208) | 395639.39 |
| 3814925.67 | 38.17351 (17021208)  |           |            |           |
| 395619.39  | 3814913.05           | 34.74259  | (16091008) | 395599.39 |
| 3814900.44 | 32.57502 (16121408)  |           |            |           |
| 395579.39  | 3814887.83           | 35.13966  | (19120116) | 395559.39 |
| 3814875.21 | 35.68051 (19120116)  |           |            |           |
| 395539.39  | 3814862.60           | 36.08282  | (17010808) | 395519.38 |
| 3814849.98 | 39.26608m (17102624) |           |            |           |
| 395499.38  | 3814837.37           | 41.40076  | (20022608) | 395479.38 |
| 3814824.76 | 44.59645 (20022608)  |           |            |           |
| 395459.38  | 3814812.14           | 41.65459c | (18022408) | 395439.38 |
| 3814799.53 | 36.10199c (18022408) |           |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1126

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 395419.38   | 3814786.91  | 34.81613c  | (19112308) | 395399.37   |
| 3814774.30  | 34.39977    | (17122508) |            |             |
| 395379.37   | 3814761.68  | 34.75974   | (17122508) | 395359.37   |
| 3814749.07  | 34.83553    | (18011724) |            |             |
| 395832.76   | 3814752.05  | 34.13040   | (16012124) | 395812.76   |
| 3814739.44  | 31.45012    | (18010108) |            |             |
| 395792.75   | 3814726.82  | 29.36892   | (20022724) | 395772.75   |
| 3814714.21  | 32.36319    | (17021208) |            |             |
| 395752.75   | 3814701.59  | 32.52009   | (17021208) | 395732.75   |
| 3814688.98  | 29.75255    | (16091008) |            |             |
| 395712.75   | 3814676.37  | 28.69231   | (16091008) | 395692.75   |
| 3814663.75  | 28.52605    | (19120116) |            |             |
| 395672.74   | 3814651.14  | 31.08512   | (19120116) | 395652.74   |
| 3814638.52  | 30.41798    | (20022724) |            |             |
| 395632.74   | 3814625.91  | 31.28802m  | (17102624) | 395612.74   |
| 3814613.29  | 33.57375m   | (17102624) |            |             |
| 395592.74   | 3814600.68  | 34.68408   | (20022608) | 395572.74   |
| 3814588.07  | 37.60679    | (20022608) |            |             |
| 395552.73   | 3814575.45  | 35.98411   | (20022608) | 395532.73   |
| 3814562.84  | 33.34080c   | (18022408) |            |             |
| 395512.73   | 3814550.22  | 29.84087c  | (19112308) | 395492.73   |
| 3814537.61  | 28.72186    | (17060908) |            |             |
| 396099.47   | 3814329.13  | 26.07870   | (16012124) | 396079.47   |
| 3814316.51  | 25.82462    | (16012124) |            |             |
| 396059.47   | 3814303.90  | 24.15322   | (18010108) | 396039.47   |
| 3814291.29  | 23.42223    | (20022724) |            |             |
| 396019.47   | 3814278.67  | 23.12738   | (17021208) | 395999.46   |
| 3814266.06  | 24.87363    | (17021208) |            |             |
| 395979.46   | 3814253.44  | 24.74718   | (17021208) | 395959.46   |
| 3814240.83  | 22.67984    | (16091008) |            |             |
| 395939.46   | 3814228.22  | 22.79222   | (16091008) | 395919.46   |
| 3814215.60  | 21.42457    | (16121408) |            |             |
| 395899.46   | 3814202.99  | 22.46248   | (19120116) | 395879.45   |
| 3814190.37  | 23.89806    | (19120116) |            |             |
| 395859.45   | 3814177.76  | 23.18412   | (19120116) | 395839.45   |
| 3814165.14  | 23.85068    | (17010808) |            |             |
| 395819.45   | 3814152.53  | 24.87487m  | (17102624) | 395799.45   |
| 3814139.92  | 25.62319m   | (17102624) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395779.45  | 3814127.30 | 25.79845   | (20022608) | 395759.44 |
| 3814114.69 | 28.04818   | (20022608) |            |           |
| 396366.19  | 3813906.21 | 19.88915   | (16012124) | 396346.19 |
| 3813893.59 | 20.78208   | (16012124) |            |           |
| 396326.19  | 3813880.98 | 20.41621   | (16012124) | 396306.18 |
| 3813868.36 | 19.24863   | (18010108) |            |           |
| 396286.18  | 3813855.75 | 19.07505   | (18010108) | 396266.18 |
| 3813843.14 | 17.77173   | (20022724) |            |           |
| 396246.18  | 3813830.52 | 18.91137   | (17021208) | 396226.18 |
| 3813817.91 | 19.82929   | (17021208) |            |           |
| 396206.18  | 3813805.29 | 19.64096   | (17021208) | 396186.17 |
| 3813792.68 | 18.31566   | (17021208) |            |           |
| 396166.17  | 3813780.07 | 18.40065   | (16091008) | 396146.17 |
| 3813767.45 | 17.63079   | (16091008) |            |           |
| 396126.17  | 3813754.84 | 17.18602   | (16121408) | 396106.17 |
| 3813742.22 | 18.21233   | (19120116) |            |           |
| 396086.16  | 3813729.61 | 19.10830   | (19120116) | 396066.16 |
| 3813716.99 | 18.77000   | (19120116) |            |           |
| 396046.16  | 3813704.38 | 18.95546   | (17010808) | 396026.16 |
| 3813691.77 | 18.86950   | (17010808) |            |           |
| 396632.90  | 3813483.28 | 15.56689   | (16012124) | 396612.90 |
| 3813470.67 | 16.72035   | (16012124) |            |           |
| 396592.90  | 3813458.06 | 17.14407   | (16012124) | 396572.90 |
| 3813445.44 | 16.77833   | (16012124) |            |           |
| 396552.90  | 3813432.83 | 15.91321   | (18010108) | 396532.90 |
| 3813420.21 | 15.96395   | (18010108) |            |           |
| 396512.89  | 3813407.60 | 15.24217   | (20022724) | 396492.89 |
| 3813394.99 | 14.75436   | (17021208) |            |           |
| 396472.89  | 3813382.37 | 15.86619   | (17021208) | 396452.89 |
| 3813369.76 | 16.38386   | (17021208) |            |           |
| 396432.89  | 3813357.14 | 16.19616   | (17021208) | 396412.89 |
| 3813344.53 | 15.29601   | (17021208) |            |           |
| 396392.88  | 3813331.92 | 15.27249   | (16091008) | 396372.88 |
| 3813319.30 | 15.02030   | (16091008) |            |           |
| 396352.88  | 3813306.69 | 14.04893   | (16121408) | 396332.88 |
| 3813294.07 | 14.20695   | (16121408) |            |           |
| 396312.88  | 3813281.46 | 15.24312   | (19120116) | 396292.87 |
| 3813268.84 | 15.84966   | (19120116) |            |           |
| 396899.62  | 3813060.36 | 12.45980   | (16012124) | 396879.62 |
| 3813047.75 | 13.57938   | (16012124) |            |           |
| 396859.62  | 3813035.13 | 14.27252   | (16012124) | 396839.62 |
| 3813022.52 | 14.46299   | (16012124) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396819.61   | 3813009.91  | 14.12984   | (16012124) | 396799.61   |
| 3812997.29  | 13.45800    | (18010108) |            |             |
| 396779.61   | 3812984.68  | 13.59762   | (18010108) | 396759.61   |
| 3812972.06  | 13.19779    | (18010108) |            |             |
| 396739.61   | 3812959.45  | 12.36987   | (20022724) | 396719.60   |
| 3812946.84  | 12.82008    | (17021208) |            |             |
| 396699.60   | 3812934.22  | 13.54308   | (17021208) | 396679.60   |
| 3812921.61  | 13.84721    | (17021208) |            |             |
| 396659.60   | 3812908.99  | 13.67680   | (17021208) | 396639.60   |
| 3812896.38  | 13.03594    | (17121208) |            |             |
| 396619.60   | 3812883.77  | 12.91597   | (16091008) | 396599.59   |
| 3812871.15  | 12.90515    | (16091008) |            |             |
| 396579.59   | 3812858.54  | 12.39550   | (16091008) | 396559.59   |
| 3812845.92  | 12.02444    | (16121408) |            |             |
| 397610.86   | 3811932.57  | 7.83578    | (20121608) | 397590.86   |
| 3811919.96  | 8.37715     | (16012124) |            |             |
| 397570.86   | 3811907.34  | 9.04728    | (16012124) | 397550.86   |
| 3811894.73  | 9.56380     | (16012124) |            |             |
| 397530.86   | 3811882.12  | 9.89386    | (16012124) | 397510.85   |
| 3811869.50  | 10.01571    | (16012124) |            |             |
| 397490.85   | 3811856.89  | 9.92120    | (16012124) | 397470.85   |
| 3811844.27  | 9.61692     | (16012124) |            |             |
| 397450.85   | 3811831.66  | 9.39855    | (18010108) | 397430.85   |
| 3811819.04  | 9.49823     | (18010108) |            |             |
| 397410.84   | 3811806.43  | 9.37330    | (18010108) | 397390.84   |
| 3811793.82  | 9.03726     | (20022724) |            |             |
| 397370.84   | 3811781.20  | 8.53467    | (20022724) | 397350.84   |
| 3811768.59  | 8.63670     | (17021208) |            |             |
| 397330.84   | 3811755.97  | 9.11216    | (17021208) | 397310.84   |
| 3811743.36  | 9.43513     | (17021208) |            |             |
| 397290.83   | 3811730.75  | 9.57771    | (17021208) | 397270.83   |
| 3811718.13  | 9.52359     | (17021208) |            |             |
| 398322.10   | 3810804.78  | 5.71445    | (20121608) | 398302.10   |
| 3810792.17  | 5.89115     | (20121608) |            |             |
| 398282.10   | 3810779.55  | 6.14011    | (16012124) | 398262.10   |
| 3810766.94  | 6.57686     | (16012124) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3810741.71 | 398242.10 | 3810754.32 | 6.94498    | (16012124) | 398222.10 |
| 3810716.48 | 398202.09 | 3810729.10 | 7.41652    | (16012124) | 398182.09 |
| 3810691.25 | 398162.09 | 3810703.87 | 7.47367    | (16012124) | 398142.09 |
| 3810666.03 | 398122.09 | 3810678.64 | 7.10697    | (16012124) | 398102.08 |
| 3810640.80 | 398082.08 | 3810653.41 | 7.14999    | (18010108) | 398062.08 |
| 3810615.57 | 398042.08 | 3810628.18 | 6.95526    | (18010108) | 398022.08 |
| 3810590.34 | 398002.08 | 3810602.95 | 6.37036    | (20022724) | 397982.07 |
| 3809664.38 | 399033.35 | 3809676.99 | 4.40830    | (20121608) | 399013.34 |
| 3809639.15 | 398993.34 | 3809651.76 | 4.68250    | (20121608) | 398973.34 |
| 3809613.92 | 398953.34 | 3809626.53 | 5.08485    | (16012124) | 398933.34 |
| 3809588.69 | 398913.34 | 3809601.30 | 5.58125    | (16012124) | 398893.33 |
| 3809563.46 | 398873.33 | 3809576.08 | 5.87678    | (16012124) | 398853.33 |
| 3809538.23 | 398833.33 | 3809550.85 | 5.93440    | (16012124) | 398813.33 |
| 3809513.01 | 398793.32 | 3809525.62 | 5.74695    | (16012124) | 398773.32 |
| 3809487.78 | 398753.32 | 3809500.39 | 5.63317    | (18010108) | 398733.32 |
| 3809462.55 | 398713.32 | 3809475.16 | 5.67420    | (18010108) | 398693.32 |
| 3808536.58 | 399744.59 | 3808549.20 | 3.53606    | (20121608) | 399724.59 |
| 3808511.36 | 399704.58 | 3808523.97 | 3.78089    | (20121608) | 399684.58 |
| 3808486.13 | 399664.58 | 3808498.74 | 3.90416    | (20121608) | 399644.58 |
| 3808460.90 | 399624.58 | 3808473.51 | 4.29931    | (16012124) | 399604.58 |
| 3808435.67 | 399584.57 | 3808448.29 | 4.62939    | (16012124) | 399564.57 |
| 3808410.44 | 399544.57 | 3808423.06 | 4.82975    | (16012124) | 399524.57 |
|            |           | 4.87477    | (16012124) |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 399504.57   | 3808397.83         | 4.88126    | (16012124) | 399484.56   |
| 3808385.21  | 4.84904 (16012124) |            |            |             |
| 399464.56   | 3808372.60         | 4.77897    | (16012124) | 399444.56   |
| 3808359.99  | 4.67280 (16012124) |            |            |             |
| 399424.56   | 3808347.37         | 4.56608    | (18010108) | 399404.56   |
| 3808334.76  | 4.64610 (18010108) |            |            |             |
| 400455.83   | 3807421.41         | 2.91775    | (20121608) | 400435.83   |
| 3807408.79  | 3.03114 (20121608) |            |            |             |
| 400415.83   | 3807396.18         | 3.12738    | (20121608) | 400395.82   |
| 3807383.56  | 3.20466 (20121608) |            |            |             |
| 400375.82   | 3807370.95         | 3.26137    | (20121608) | 400355.82   |
| 3807358.34  | 3.29641 (20121608) |            |            |             |
| 400335.82   | 3807345.72         | 3.39523    | (16012124) | 400315.82   |
| 3807333.11  | 3.55450 (16012124) |            |            |             |
| 400295.82   | 3807320.49         | 3.69847    | (16012124) | 400275.81   |
| 3807307.88  | 3.82459 (16012124) |            |            |             |
| 400255.81   | 3807295.27         | 3.93048    | (16012124) | 400235.81   |
| 3807282.65  | 4.01422 (16012124) |            |            |             |
| 400215.81   | 3807270.04         | 4.07419    | (16012124) | 400195.81   |
| 3807257.42  | 4.10927 (16012124) |            |            |             |
| 400175.80   | 3807244.81         | 4.11877    | (16012124) | 400155.80   |
| 3807232.20  | 4.10252 (16012124) |            |            |             |
| 400135.80   | 3807219.58         | 4.06083    | (16012124) | 400115.80   |
| 3807206.97  | 3.99455 (16012124) |            |            |             |
| 401167.07   | 3806293.62         | 2.46139    | (20121608) | 401147.07   |
| 3806281.00  | 2.55582 (20121608) |            |            |             |
| 401127.07   | 3806268.39         | 2.63914    | (20121608) | 401107.07   |
| 3806255.77  | 2.71009 (20121608) |            |            |             |
| 401087.06   | 3806243.16         | 2.76754    | (20121608) | 401067.06   |
| 3806230.55  | 2.81053 (20121608) |            |            |             |
| 401047.06   | 3806217.93         | 2.83839    | (20121608) | 401027.06   |
| 3806205.32  | 2.87895 (16012124) |            |            |             |
| 401007.06   | 3806192.70         | 3.00605    | (16012124) | 400987.06   |
| 3806180.09  | 3.12317 (16012124) |            |            |             |

|            |            |            |            |            |           |
|------------|------------|------------|------------|------------|-----------|
| 3806154.86 | 400967.05  | 3806167.47 | 3.22875    | (16012124) | 400947.05 |
| 400927.05  | 3.32111    | (16012124) |            |            |           |
| 3806129.63 | 3806142.25 | 3.39895    | (16012124) | 400907.05  |           |
| 400887.05  | 3.46108    | (16012124) |            |            |           |
| 3806104.40 | 3806117.02 | 3.50653    | (16012124) | 400867.04  |           |
| 400847.04  | 3.53461    | (16012124) |            |            |           |
| 3806079.18 | 3806091.79 | 3.54485    | (16012124) | 400827.04  |           |
| 394514.81  | 3.53712    | (16012124) |            |            |           |
| 3816064.86 | 3816079.07 | 10.35206   | (16120216) | 394477.64  |           |
| 394523.74  | 8.37180    | (17090116) |            |            |           |
| 3816041.51 | 3816055.72 | 10.62831   | (16120216) | 394486.57  |           |
| 394532.67  | 9.89489    | (16120216) |            |            |           |
| 3816009.01 | 3816032.37 | 10.15591   | (20060816) | 394541.59  |           |
| 394467.26  | 9.09248    | (20060816) |            |            |           |
| 3815968.93 | 3815980.59 | 7.10070    | (17090116) | 394572.67  |           |
| 394540.87  | 6.58621    | (17012616) |            |            |           |
| 3815933.89 | 3815955.21 | 6.00370    | (19051116) | 394485.12  |           |
| 394594.94  | 6.15103    | (20060816) |            |            |           |
| 3815908.50 | 3815924.43 | 6.37137    | (17040916) | 394558.72  |           |
| 394502.98  | 6.36525    | (17012616) |            |            |           |
| 3815876.26 | 3815887.19 | 5.94805    | (17012616) | 394609.85  |           |
| 394520.83  | 6.76194    | (19092416) |            |            |           |
| 3815831.03 | 3815840.49 | 6.10034    | (17012616) | 394630.65  |           |
| 394575.86  | 5.64113    | (19092416) |            |            |           |
| 3815793.78 | 3815807.99 | 6.58310    | (19092416) | 394538.69  |           |
| 394630.88  | 6.30740    | (19092416) |            |            |           |
| 3815761.29 | 3815775.50 | 5.03061    | (17031116) | 394593.71  |           |
| 394648.01  | 5.76342    | (19092416) |            |            |           |
| 3815660.78 | 3815674.99 | 4.23197    | (17031116) | 394610.84  |           |
| 394750.79  | 4.45587    | (17031116) |            |            |           |
| 3815581.59 | 3815612.95 | 4.85918    | (19041216) | 394683.72  |           |
| 394646.56  | 4.15390    | (18120624) |            |            |           |
| 3815519.86 | 3815567.38 | 3.35137    | (20100116) | 394787.13  |           |
| 394819.87  | 3.92213    | (20111016) |            |            |           |
| 3815481.08 | 3815536.24 | 4.30848    | (20111016) | 394700.85  |           |
| 394663.69  | 3.43756    | (19041216) |            |            |           |
| 3815418.42 | 3815466.87 | 3.22005    | (18120624) | 394806.79  |           |
| 394839.84  | 3.58456    | (20111016) |            |            |           |
| 3815380.57 | 3815434.96 | 4.10698    | (19030616) | 394717.98  |           |
| 394826.09  | 3.17454    | (19041216) |            |            |           |
| 3815333.47 | 3815316.81 | 3.59669    | (19030616) | 394859.39  |           |
| 394892.70  | 4.14409    | (19030616) |            |            |           |
| 3815301.37 | 3815350.13 | 4.50669    | (19030616) | 394790.86  |           |
| 394753.70  | 3.65804    | (20112708) |            |            |           |
| 3815083.78 | 3815287.16 | 4.44806    | (20112708) | 394916.36  |           |
|            | 8.33077    | (20102824) |            |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Study \*\*\*

```
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
```

\*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394951.62   | 3815101.42  | 10.66077   | (20102824) | 395022.14   |
| 3815136.71  | 9.87715     | (16041524) |            |             |
| 395057.40   | 3815154.35  | 9.38054    | (16041524) | 394880.15   |
| 3815067.86  | 10.51356    | (19011208) |            |             |
| 394842.98   | 3815053.65  | 13.19524   | (16122824) | 395005.01   |
| 3814849.95  | 34.61220    | (16120408) |            |             |
| 395090.01   | 3814892.48  | 39.97958   | (16022408) | 395124.01   |
| 3814909.50  | 45.05058    | (16022408) |            |             |
| 395158.01   | 3814926.51  | 40.12240   | (16022408) | 395192.01   |
| 3814943.52  | 36.65950    | (18020908) |            |             |
| 394969.43   | 3814834.34  | 30.83946   | (16120408) | 394932.26   |
| 3814820.13  | 28.16381    | (16010224) |            |             |
| 395147.81   | 3814643.22  | 36.80648   | (16022408) | 395183.07   |
| 3814660.86  | 36.27068    | (16022408) |            |             |
| 395218.33   | 3814678.50  | 34.12193   | (18020908) | 395253.59   |
| 3814696.14  | 30.38566    | (16012624) |            |             |
| 395288.85   | 3814713.79  | 33.11499   | (16012624) | 395324.11   |
| 3814731.43  | 32.57862    | (18120424) |            |             |
| 395077.29   | 3814607.94  | 25.12757   | (20031108) | 395040.13   |
| 3814593.73  | 29.31118    | (16120408) |            |             |
| 395002.96   | 3814579.52  | 32.60469   | (16120408) | 395218.08   |
| 3814400.19  | 31.20378    | (16022408) |            |             |
| 395252.41   | 3814417.37  | 28.54764   | (16010908) | 395286.74   |
| 3814434.54  | 28.40008    | (18020908) |            |             |
| 395321.07   | 3814451.72  | 28.22514   | (16012624) | 395355.40   |
| 3814468.90  | 29.04886    | (18120424) |            |             |
| 395389.73   | 3814486.08  | 27.76893   | (18120424) | 395424.06   |
| 3814503.25  | 29.81449    | (18011724) |            |             |
| 395458.40   | 3814520.43  | 30.24644   | (17122508) | 395129.41   |
| 3814360.21  | 22.36420    | (17031708) |            |             |
| 395092.25   | 3814346.00  | 22.30974c  | (17011624) | 395362.41   |
| 3813916.03  | 22.60167    | (18020908) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3813950.58 | 395396.93 | 3813933.31 | 21.18032   | (18020908) | 395431.46 |
|            |           | 21.63089   | (16012624) |            |           |
|            | 395465.98 | 3813967.86 | 21.94658   | (16012624) | 395500.51 |
| 3813985.13 |           | 22.73420   | (18120424) |            |           |
|            | 395535.03 | 3814002.40 | 20.47983   | (18011724) | 395569.56 |
| 3814019.68 |           | 23.21479   | (18011724) |            |           |
|            | 395604.08 | 3814036.95 | 23.32412   | (17122508) | 395638.61 |
| 3814054.23 |           | 21.91416   | (17060908) |            |           |
|            | 395673.13 | 3814071.50 | 22.31400c  | (19112308) | 395707.66 |
| 3814088.78 |           | 26.34178c  | (18022408) |            |           |
|            | 395541.04 | 3813449.04 | 17.23572   | (16012624) | 395575.69 |
| 3813466.38 |           | 17.87796   | (16012624) |            |           |
|            | 395610.34 | 3813483.71 | 18.36465   | (18120424) | 395644.99 |
| 3813501.05 |           | 17.28169   | (18120424) |            |           |
|            | 395679.64 | 3813518.39 | 17.44806   | (18011724) | 395714.30 |
| 3813535.73 |           | 18.63500   | (18011724) |            |           |
|            | 395748.95 | 3813553.06 | 18.68766   | (17122508) | 395783.60 |
| 3813570.40 |           | 17.93354   | (17122508) |            |           |
|            | 395818.25 | 3813587.74 | 17.58037   | (17060908) | 395852.90 |
| 3813605.08 |           | 18.78690c  | (18022408) |            |           |
|            | 395887.55 | 3813622.42 | 21.69747c  | (18022408) | 395922.20 |
| 3813639.75 |           | 22.47207   | (20022608) |            |           |
|            | 395956.86 | 3813657.09 | 20.90198   | (20022608) | 395991.51 |
| 3813674.43 |           | 20.47440m  | (17102624) |            |           |
|            | 395505.13 | 3813433.26 | 16.64151   | (18020908) | 395467.97 |
| 3813419.05 |           | 18.27622   | (18020908) |            |           |
|            | 395719.65 | 3812982.03 | 15.01976   | (18120424) | 395754.39 |
| 3812999.42 |           | 15.08470   | (18120424) |            |           |
|            | 395789.13 | 3813016.80 | 13.37090   | (18120424) | 395823.87 |
| 3813034.18 |           | 14.96113   | (18011724) |            |           |
|            | 395858.61 | 3813051.56 | 15.45916   | (18011724) | 395893.35 |
| 3813068.95 |           | 15.50492   | (17122508) |            |           |
|            | 395928.10 | 3813086.33 | 15.20721   | (17122508) | 395962.84 |
| 3813103.71 |           | 14.79811   | (17060908) |            |           |
|            | 395997.58 | 3813121.09 | 14.36951c  | (19112308) | 396032.32 |
| 3813138.48 |           | 16.78401c  | (18022408) |            |           |
|            | 396067.06 | 3813155.86 | 18.15002c  | (18022408) | 396101.80 |
| 3813173.24 |           | 18.53372   | (20022608) |            |           |
|            | 396136.54 | 3813190.62 | 17.30114   | (20022608) | 396171.28 |
| 3813208.01 |           | 16.94287m  | (17102624) |            |           |
|            | 396206.02 | 3813225.39 | 16.29059m  | (17102624) | 396240.76 |
| 3813242.77 |           | 15.79538   | (17010808) |            |           |
|            | 395683.70 | 3812966.24 | 14.95184   | (16012624) | 395646.53 |
| 3812952.03 |           | 14.14063   | (16012624) |            |           |
|            | 395898.25 | 3812515.02 | 12.30601   | (18120424) | 395933.06 |
| 3812532.44 |           | 11.54717   | (18011724) |            |           |
|            | 395967.87 | 3812549.86 | 12.93664   | (18011724) | 396002.67 |
| 3812567.27 |           | 13.10493   | (18011724) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 1130

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396037.48   | 3812584.69  | 13.14970   | (17122508) | 396072.29   |
| 3812602.10  | 13.08300    | (17122508) |            |             |
| 396107.09   | 3812619.52  | 12.53836   | (17060908) | 396141.90   |
| 3812636.93  | 12.23342    | (17060908) |            |             |
| 396176.71   | 3812654.35  | 12.84800c  | (18022408) | 396211.52   |
| 3812671.77  | 14.81877c   | (18022408) |            |             |
| 396246.32   | 3812689.18  | 15.38995c  | (18022408) | 396281.13   |
| 3812706.60  | 15.63750    | (20022608) |            |             |
| 396315.94   | 3812724.01  | 14.66357   | (20022608) | 396350.75   |
| 3812741.43  | 14.28631m   | (17102624) |            |             |
| 396385.55   | 3812758.84  | 14.17549m  | (17102624) | 396420.36   |
| 3812776.26  | 13.45177    | (17010808) |            |             |
| 396455.17   | 3812793.68  | 13.04640   | (20022724) | 396489.98   |
| 3812811.09  | 13.51020    | (19120116) |            |             |
| 396524.78   | 3812828.51  | 12.77108   | (19120116) | 395862.26   |
| 3812499.21  | 13.00060    | (18120424) |            |             |
| 395825.10   | 3812485.00  | 12.38460   | (18120424) | 396374.60   |
| 3811269.70  | 9.20720     | (18011724) |            |             |
| 396409.75   | 3811287.29  | 8.98611    | (17122508) | 396444.89   |
| 3811304.88  | 9.30032     | (17122508) |            |             |
| 396480.04   | 3811322.46  | 9.04516    | (17122508) | 396515.18   |
| 3811340.05  | 8.75192     | (17060908) |            |             |
| 396550.33   | 3811357.63  | 8.72543    | (17060908) | 396585.48   |
| 3811375.22  | 8.24807c    | (19112308) |            |             |
| 396620.62   | 3811392.80  | 9.19229c   | (18022408) | 396655.77   |
| 3811410.39  | 10.25235c   | (18022408) |            |             |
| 396690.92   | 3811427.97  | 10.72951c  | (18022408) | 396726.06   |
| 3811445.56  | 10.74536    | (20022608) |            |             |
| 396761.21   | 3811463.14  | 10.75243   | (20022608) | 396796.36   |
| 3811480.73  | 10.14583    | (20022608) |            |             |

|            |                      |                     |           |
|------------|----------------------|---------------------|-----------|
| 396831.50  | 3811498.31           | 9.79182m (17102624) | 396866.65 |
| 3811515.90 | 10.07121m (17102624) |                     |           |
| 396901.80  | 3811533.49           | 9.70820m (17102624) | 396936.94 |
| 3811551.07 | 9.41627 (17010808)   |                     |           |
| 396972.09  | 3811568.66           | 9.28512 (17010808)  | 397007.23 |
| 3811586.24 | 9.34288 (19120116)   |                     |           |
| 397042.38  | 3811603.83           | 9.42373 (19120116)  | 397077.53 |
| 3811621.41 | 8.90499 (19120116)   |                     |           |
| 397112.67  | 3811639.00           | 8.43220 (16121408)  | 397147.82 |
| 3811656.58 | 8.57955 (16091008)   |                     |           |
| 397182.97  | 3811674.17           | 9.04842 (16091008)  | 397218.11 |
| 3811691.75 | 8.93713 (16091008)   |                     |           |
| 396338.44  | 3811253.81           | 9.12708 (18011724)  | 396301.28 |
| 3811239.60 | 8.48822 (18011724)   |                     |           |
| 396850.88  | 3810024.35           | 7.00362 (17122508)  | 396886.23 |
| 3810042.04 | 6.77175 (17122508)   |                     |           |
| 396921.58  | 3810059.73           | 6.57825 (17060908)  | 396956.93 |
| 3810077.41 | 6.63096 (17060908)   |                     |           |
| 396992.28  | 3810095.10           | 6.40500 (17060908)  | 397027.63 |
| 3810112.79 | 6.14262c (19112308)  |                     |           |
| 397062.98  | 3810130.47           | 6.97912c (18022408) | 397098.33 |
| 3810148.16 | 7.64554c (18022408)  |                     |           |
| 397133.68  | 3810165.85           | 8.02231c (18022408) | 397169.03 |
| 3810183.54 | 8.06134c (18022408)  |                     |           |
| 397204.38  | 3810201.22           | 8.09454 (20022608)  | 397239.73 |
| 3810218.91 | 8.00895 (20022608)   |                     |           |
| 397275.08  | 3810236.60           | 7.61641 (20022608)  | 397310.43 |
| 3810254.28 | 7.22668m (17102624)  |                     |           |
| 397345.78  | 3810271.97           | 7.54697m (17102624) | 397381.13 |
| 3810289.66 | 7.54328m (17102624)  |                     |           |
| 397416.48  | 3810307.35           | 7.21527m (17102624) | 397451.83 |
| 3810325.03 | 7.09719 (17010808)   |                     |           |
| 397487.18  | 3810342.72           | 7.07034 (17010808)  | 397522.53 |
| 3810360.41 | 6.86851 (19120116)   |                     |           |
| 397557.88  | 3810378.09           | 7.12657 (19120116)  | 397593.23 |
| 3810395.78 | 7.07502 (19120116)   |                     |           |
| 397628.58  | 3810413.47           | 6.72020 (19120116)  | 397663.93 |
| 3810431.16 | 6.34590 (16121408)   |                     |           |
| 397699.28  | 3810448.84           | 6.27514 (16121408)  | 397734.63 |
| 3810466.53 | 6.65138 (16091008)   |                     |           |
| 397769.98  | 3810484.22           | 6.84898 (16091008)  | 397805.33 |
| 3810501.90 | 6.74596 (16091008)   |                     |           |
| 397840.67  | 3810519.59           | 6.96740 (17121208)  | 397876.02 |
| 3810537.28 | 7.16197 (17021208)   |                     |           |
| 397911.37  | 3810554.97           | 7.13618 (17021208)  | 397946.72 |
| 3810572.65 | 6.84314 (17021208)   |                     |           |
| 396814.62  | 3810008.40           | 6.94468 (17122508)  | 396777.46 |
| 3809994.19 | 6.75254 (18011724)   |                     |           |
| 397327.13  | 3808778.98           | 5.22377 (17060908)  | 397362.61 |
| 3808796.74 | 5.29616 (17060908)   |                     |           |





|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3809329.39 | 398391.69 | 3809311.63 | 5.38000    | (16091008) | 398427.18 |
|            |           | 5.48773    | (17121208) |            |           |
|            | 398462.66 | 3809347.14 | 5.67023    | (17121208) | 398498.15 |
| 3809364.90 |           | 5.69719    | (17021208) |            |           |
|            | 398533.63 | 3809382.65 | 5.59848    | (17021208) | 398569.12 |
| 3809400.41 |           | 5.35235    | (17021208) |            |           |
|            | 398604.60 | 3809418.16 | 4.98737    | (17021208) | 398640.09 |
| 3809435.92 |           | 5.15616    | (20022724) |            |           |
|            | 397290.80 | 3808763.00 | 5.37446    | (17122508) | 397253.64 |
| 3808748.79 |           | 5.56734    | (17122508) |            |           |
|            | 397803.35 | 3807533.60 | 4.34056    | (17060908) | 397838.94 |
| 3807551.40 |           | 4.21055    | (17060908) |            |           |
|            | 397874.52 | 3807569.21 | 3.98850    | (17060908) | 397910.10 |
| 3807587.01 |           | 4.17819c   | (18022408) |            |           |
|            | 397945.68 | 3807604.82 | 4.59445c   | (18022408) | 397981.27 |
| 3807622.62 |           | 4.93324c   | (18022408) |            |           |
|            | 398016.85 | 3807640.42 | 5.17187c   | (18022408) | 398052.43 |
| 3807658.23 |           | 5.29373c   | (18022408) |            |           |
|            | 398088.01 | 3807676.03 | 5.28988c   | (18022408) | 398123.59 |
| 3807693.83 |           | 5.24789    | (20022608) |            |           |
|            | 398159.18 | 3807711.64 | 5.27404    | (20022608) | 398194.76 |
| 3807729.44 |           | 5.18628    | (20022608) |            |           |
|            | 398230.34 | 3807747.24 | 4.98986    | (20022608) | 398265.92 |
| 3807765.05 |           | 4.69675    | (20022608) |            |           |
|            | 398301.51 | 3807782.85 | 4.81816m   | (17102624) | 398337.09 |
| 3807800.65 |           | 4.95572m   | (17102624) |            |           |
|            | 398372.67 | 3807818.46 | 4.97472m   | (17102624) | 398408.25 |
| 3807836.26 |           | 4.87356m   | (17102624) |            |           |
|            | 398443.84 | 3807854.06 | 4.65923m   | (17102624) | 398479.42 |
| 3807871.87 |           | 4.65640    | (17010808) |            |           |
|            | 398515.00 | 3807889.67 | 4.68294    | (17010808) | 398550.58 |
| 3807907.47 |           | 4.59575    | (17010808) |            |           |
|            | 398586.16 | 3807925.28 | 4.51820    | (19120116) | 398621.75 |
| 3807943.08 |           | 4.66466    | (19120116) |            |           |
|            | 398657.33 | 3807960.88 | 4.69938    | (19120116) | 398692.91 |
| 3807978.69 |           | 4.61978    | (19120116) |            |           |
|            | 398728.49 | 3807996.49 | 4.43156    | (19120116) | 398764.08 |
| 3808014.30 |           | 4.14794    | (19120116) |            |           |
|            | 398799.66 | 3808032.10 | 4.17350    | (16121408) | 398835.24 |
| 3808049.90 |           | 4.10815    | (16121408) |            |           |
|            | 398870.82 | 3808067.71 | 4.31125    | (16091008) | 398906.41 |
| 3808085.51 |           | 4.46429    | (16091008) |            |           |
|            | 398941.99 | 3808103.31 | 4.51020    | (16091008) | 398977.57 |
| 3808121.12 |           | 4.44564    | (16091008) |            |           |
|            | 399013.15 | 3808138.92 | 4.48132    | (17121208) | 399048.73 |
| 3808156.72 |           | 4.64671    | (17121208) |            |           |
|            | 399084.32 | 3808174.53 | 4.70088    | (17121208) | 399119.90 |
| 3808192.33 |           | 4.66578    | (17021208) |            |           |
|            | 399155.48 | 3808210.13 | 4.55324    | (17021208) | 399191.06 |
| 3808227.94 |           | 4.35213    | (17021208) |            |           |

399226.65 3808245.74 4.07952 (17021208) 399262.23  
 3808263.54 4.18224 (20022724)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1132

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 399297.81   | 3808281.35  | 4.44981    | (18010108) | 399333.39   |
| 3808299.15  | 4.62667     | (18010108) |            |             |
| 399368.98   | 3808316.95  | 4.69370    | (18010108) | 397766.98   |
| 3807517.59  | 4.37082     | (17060908) |            |             |
| 397729.82   | 3807503.38  | 4.29800    | (17060908) | 398279.40   |
| 3806288.13  | 3.48981     | (17060908) |            |             |
| 398314.71   | 3806305.80  | 3.32202c   | (19112308) | 398350.03   |
| 3806323.47  | 3.56270c    | (18022408) |            |             |
| 398385.35   | 3806341.14  | 3.87217c   | (18022408) | 398420.66   |
| 3806358.81  | 4.13131c    | (18022408) |            |             |
| 398455.98   | 3806376.48  | 4.32688c   | (18022408) | 398491.29   |
| 3806394.15  | 4.44825c    | (18022408) |            |             |
| 398526.61   | 3806411.82  | 4.48865c   | (18022408) | 398561.92   |
| 3806429.49  | 4.44565c    | (18022408) |            |             |
| 398597.24   | 3806447.16  | 4.43842    | (20022608) | 398632.55   |
| 3806464.83  | 4.44505     | (20022608) |            |             |
| 398667.87   | 3806482.50  | 4.37739    | (20022608) | 398703.18   |
| 3806500.17  | 4.23860     | (20022608) |            |             |
| 398738.50   | 3806517.84  | 4.03516    | (20022608) | 398773.81   |
| 3806535.51  | 3.98778m    | (17102624) |            |             |
| 398809.13   | 3806553.18  | 4.13478m   | (17102624) | 398844.45   |
| 3806570.85  | 4.20705m    | (17102624) |            |             |
| 398879.76   | 3806588.52  | 4.20046m   | (17102624) | 398915.08   |
| 3806606.19  | 4.11525m    | (17102624) |            |             |
| 398950.39   | 3806623.86  | 3.95609m   | (17102624) | 398985.71   |
| 3806641.53  | 3.92079     | (17010808) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 399021.02  | 3806659.20          | 3.96663  | (17010808) | 399056.34 |
| 3806676.87 | 3.93751 (17010808)  |          |            |           |
| 399091.65  | 3806694.54          | 3.83498  | (17010808) | 399126.97 |
| 3806712.21 | 3.85894 (19120116)  |          |            |           |
| 399162.28  | 3806729.88          | 3.95560  | (19120116) | 399197.60 |
| 3806747.55 | 3.97836 (19120116)  |          |            |           |
| 399232.91  | 3806765.22          | 3.92589  | (19120116) | 399268.23 |
| 3806782.89 | 3.80107 (19120116)  |          |            |           |
| 399303.55  | 3806800.56          | 3.61083  | (19120116) | 399338.86 |
| 3806818.23 | 3.52410 (16121408)  |          |            |           |
| 399374.18  | 3806835.90          | 3.52239  | (16121408) | 399409.49 |
| 3806853.57 | 3.47313 (16091008)  |          |            |           |
| 399444.81  | 3806871.24          | 3.65359  | (16091008) | 399480.12 |
| 3806888.91 | 3.77058 (16091008)  |          |            |           |
| 399515.44  | 3806906.58          | 3.81761  | (16091008) | 399550.75 |
| 3806924.25 | 3.79197 (16091008)  |          |            |           |
| 399586.07  | 3806941.92          | 3.69510  | (16091008) | 399621.38 |
| 3806959.59 | 3.85463 (17121208)  |          |            |           |
| 399656.70  | 3806977.26          | 3.95320  | (17121208) | 399692.01 |
| 3806994.93 | 3.97742 (17121208)  |          |            |           |
| 399727.33  | 3807012.60          | 3.93502  | (17021208) | 399762.65 |
| 3807030.27 | 3.85316 (17021208)  |          |            |           |
| 399797.96  | 3807047.94          | 3.71210  | (17021208) | 399833.28 |
| 3807065.61 | 3.52123 (17021208)  |          |            |           |
| 399868.59  | 3807083.28          | 3.37447  | (20022724) | 399903.91 |
| 3807100.95 | 3.61202 (20022724)  |          |            |           |
| 399939.22  | 3807118.62          | 3.79870  | (18010108) | 399974.54 |
| 3807136.29 | 3.92163 (18010108)  |          |            |           |
| 400009.85  | 3807153.96          | 3.97196  | (18010108) | 400045.17 |
| 3807171.63 | 3.94693 (18010108)  |          |            |           |
| 400080.48  | 3807189.30          | 3.84803  | (18010108) | 398243.16 |
| 3806272.19 | 3.62392 (17060908)  |          |            |           |
| 398205.99  | 3806257.98          | 3.69449  | (17060908) | 398755.63 |
| 3805042.75 | 2.85197c (19112308) |          |            |           |
| 398791.03  | 3805060.47          | 3.09734c | (18022408) | 398826.44 |
| 3805078.18 | 3.33689c (18022408) |          |            |           |
| 398861.85  | 3805095.90          | 3.54119c | (18022408) | 398897.26 |
| 3805113.62 | 3.70163c (18022408) |          |            |           |
| 398932.67  | 3805131.33          | 3.81118c | (18022408) | 398968.08 |
| 3805149.05 | 3.86491c (18022408) |          |            |           |
| 399003.49  | 3805166.77          | 3.86025c | (18022408) | 399038.90 |
| 3805184.48 | 3.79731c (18022408) |          |            |           |
| 399074.30  | 3805202.20          | 3.82571  | (20022608) | 399109.71 |
| 3805219.92 | 3.81766 (20022608)  |          |            |           |
| 399145.12  | 3805237.63          | 3.75785  | (20022608) | 399180.53 |
| 3805255.35 | 3.64853 (20022608)  |          |            |           |
| 399215.94  | 3805273.07          | 3.49393  | (20022608) | 399251.35 |
| 3805290.78 | 3.38943m (17102624) |          |            |           |
| 399286.76  | 3805308.50          | 3.52281m | (17102624) | 399322.17 |
| 3805326.22 | 3.60558m (17102624) |          |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 399499.21   | 3805414.80         | 3.37972    | (17010808) | 399534.62   |
| 3805432.52  | 3.42071 (17010808) |            |            |             |
| 399570.03   | 3805450.23         | 3.40901    | (17010808) | 399605.44   |
| 3805467.95  | 3.34511 (17010808) |            |            |             |
| 399640.85   | 3805485.67         | 3.26633    | (19120116) | 399676.25   |
| 3805503.38  | 3.37129 (19120116) |            |            |             |
| 399711.66   | 3805521.10         | 3.42621    | (19120116) | 399747.07   |
| 3805538.82  | 3.42849 (19120116) |            |            |             |
| 399782.48   | 3805556.53         | 3.37799    | (19120116) | 399817.89   |
| 3805574.25  | 3.27702 (19120116) |            |            |             |
| 399853.30   | 3805591.97         | 3.13013    | (19120116) | 399888.71   |
| 3805609.68  | 3.03130 (16121408) |            |            |             |
| 399924.12   | 3805627.40         | 3.04493    | (16121408) | 399959.53   |
| 3805645.12  | 3.01133 (16121408) |            |            |             |
| 399994.93   | 3805662.83         | 3.06680    | (16091008) | 400030.34   |
| 3805680.55  | 3.19037 (16091008) |            |            |             |
| 400065.75   | 3805698.27         | 3.26759    | (16091008) | 400101.16   |
| 3805715.98  | 3.29488 (16091008) |            |            |             |
| 400136.57   | 3805733.70         | 3.27099    | (16091008) | 400171.98   |
| 3805751.42  | 3.19702 (16091008) |            |            |             |
| 400207.39   | 3805769.13         | 3.29657    | (17121208) | 400242.80   |
| 3805786.85  | 3.38923 (17121208) |            |            |             |
| 400278.20   | 3805804.57         | 3.43055    | (17121208) | 400313.61   |
| 3805822.28  | 3.41865 (17121208) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 400349.02  | 3805840.00          | 3.36515  | (17021208) | 400384.43 |
| 3805857.72 | 3.28478 (17021208)  |          |            |           |
| 400419.84  | 3805875.43          | 3.16441  | (17021208) | 400455.25 |
| 3805893.15 | 3.01044 (17021208)  |          |            |           |
| 400490.66  | 3805910.87          | 2.87813  | (20022724) | 400526.07 |
| 3805928.58 | 3.07069 (20022724)  |          |            |           |
| 400561.48  | 3805946.30          | 3.22907  | (18010108) | 400596.88 |
| 3805964.02 | 3.34521 (18010108)  |          |            |           |
| 400632.29  | 3805981.73          | 3.41202  | (18010108) | 400667.70 |
| 3805999.45 | 3.42645 (18010108)  |          |            |           |
| 400703.11  | 3806017.17          | 3.38787  | (18010108) | 400738.52 |
| 3806034.88 | 3.32094 (16012124)  |          |            |           |
| 400773.93  | 3806052.60          | 3.44219  | (16012124) | 398719.34 |
| 3805026.79 | 2.95062 (17060908)  |          |            |           |
| 398682.17  | 3805012.58          | 3.07749  | (17060908) | 394406.56 |
| 3816073.16 | 8.99569 (20020416)  |          |            |           |
| 394405.78  | 3816096.64          | 9.16673  | (19121716) | 394397.92 |
| 3816331.36 | 6.23448 (17012716)  |          |            |           |
| 394397.13  | 3816354.83          | 6.54093  | (17012716) | 394392.74 |
| 3816052.34 | 8.65462 (20020416)  |          |            |           |
| 394426.65  | 3816029.82          | 7.34498  | (18041716) | 394381.58 |
| 3816072.33 | 9.01291 (19121716)  |          |            |           |
| 394380.79  | 3816095.80          | 8.40429  | (19121716) | 394380.01 |
| 3816119.27 | 8.16194 (17092516)  |          |            |           |
| 394379.22  | 3816142.74          | 8.33217  | (17091016) | 394378.43 |
| 3816166.22 | 8.35886 (17091016)  |          |            |           |
| 394377.65  | 3816189.69          | 10.20500 | (19101016) | 394376.86 |
| 3816213.16 | 11.06947 (19101016) |          |            |           |
| 394376.08  | 3816236.63          | 9.30032  | (19101016) | 394375.29 |
| 3816260.11 | 6.93571 (20090916)  |          |            |           |
| 394374.51  | 3816283.58          | 7.20205  | (20090916) | 394373.72 |
| 3816307.05 | 6.66379 (18111116)  |          |            |           |
| 394372.93  | 3816330.52          | 6.48815  | (17012716) | 394372.15 |
| 3816354.00 | 6.70424 (17012716)  |          |            |           |
| 394412.82  | 3816008.99          | 7.03749  | (17090116) | 394435.58 |
| 3816006.47 | 7.88872 (16120216)  |          |            |           |
| 394355.81  | 3816094.96          | 7.74479  | (17092516) | 394355.02 |
| 3816118.44 | 8.01749 (17092516)  |          |            |           |
| 394354.23  | 3816141.91          | 8.08110  | (17091016) | 394353.45 |
| 3816165.38 | 8.69387 (19101016)  |          |            |           |
| 394352.66  | 3816188.85          | 10.76026 | (19101016) | 394351.88 |
| 3816212.33 | 10.57499 (19101016) |          |            |           |
| 394351.09  | 3816235.80          | 8.22371  | (19101016) | 394350.31 |
| 3816259.27 | 6.97325 (20090916)  |          |            |           |
| 394349.52  | 3816282.74          | 7.12552  | (20090916) | 394348.73 |
| 3816306.22 | 6.83435 (18111116)  |          |            |           |
| 394347.95  | 3816329.69          | 6.72678  | (17012716) | 394347.16 |
| 3816353.16 | 6.85749 (17012716)  |          |            |           |
| 394421.75  | 3815985.64          | 7.44076  | (16120216) | 394444.51 |
| 3815983.12 | 7.70774 (16120216)  |          |            |           |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 394328.46  | 3816164.54          | 9.65580 | (19101016) | 394327.68 |
| 3816188.02 | 10.83729 (19101016) |         |            |           |
| 394326.89  | 3816211.49          | 9.79708 | (19101016) | 394326.11 |
| 3816234.96 | 7.17085 (19101016)  |         |            |           |
| 394325.32  | 3816258.43          | 6.98376 | (20090916) | 394324.53 |
| 3816281.91 | 6.99524 (20090916)  |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1134

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| -----       |                     |            |            |             |
| 394323.75   | 3816305.38          | 6.89702    | (18111116) | 394322.96   |
| 3816328.85  | 6.89416 (17012716)  |            |            |             |
| 394322.18   | 3816352.32          | 6.96023    | (17012716) | 394292.79   |
| 3816048.99  | 7.36819 (19121716)  |            |            |             |
| 394303.95   | 3816029.00          | 8.56008    | (19121716) | 394315.11   |
| 3816009.01  | 8.12833 (19121716)  |            |            |             |
| 394326.27   | 3815989.01          | 7.41202    | (20020416) | 394337.43   |
| 3815969.02  | 5.98943 (18041716)  |            |            |             |
| 394371.34   | 3815946.51          | 6.24929    | (17090116) | 394439.61   |
| 3815938.94  | 6.40588 (20060816)  |            |            |             |
| 394462.36   | 3815936.42          | 6.51721    | (20060816) | 394281.63   |
| 3816068.98  | 7.25376 (16032616)  |            |            |             |
| 394280.85   | 3816092.45          | 7.20013    | (17092516) | 394280.06   |
| 3816115.93  | 7.38865 (19103016)  |            |            |             |
| 394279.28   | 3816139.40          | 9.04115    | (19101016) | 394278.49   |
| 3816162.87  | 10.37611 (19101016) |            |            |             |
| 394277.70   | 3816186.34          | 9.92548    | (19101016) | 394276.92   |
| 3816209.82  | 7.89550 (19101016)  |            |            |             |
| 394276.13   | 3816233.29          | 6.76858    | (20102616) | 394275.35   |
| 3816256.76  | 6.87322 (20090916)  |            |            |             |
| 394274.56   | 3816280.23          | 7.01218    | (18111116) | 394273.78   |
| 3816303.71  | 6.80034 (18111116)  |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394272.99  | 3816327.18         | 7.09726 | (17012716) | 394272.20 |
| 3816350.65 | 7.05206 (17012716) |         |            |           |
| 394366.44  | 3815902.33         | 6.52919 | (16120216) | 394389.20 |
| 3815899.81 | 6.10573 (16120216) |         |            |           |
| 394480.22  | 3815889.71         | 5.26083 | (17012616) | 394228.52 |
| 3816161.20 | 9.75029 (19101016) |         |            |           |
| 394227.73  | 3816184.67         | 8.30390 | (19101016) | 394226.95 |
| 3816208.14 | 6.66056 (20102616) |         |            |           |
| 394226.16  | 3816231.62         | 6.49216 | (20090916) | 394225.38 |
| 3816255.09 | 6.65608 (20090916) |         |            |           |
| 394224.59  | 3816278.56         | 7.22611 | (18111116) | 394223.80 |
| 3816302.03 | 6.63274 (17012716) |         |            |           |
| 394223.02  | 3816325.51         | 7.15789 | (17012716) | 394222.23 |
| 3816348.98 | 6.97592 (17012716) |         |            |           |
| 394192.85  | 3816045.64         | 6.28481 | (16032616) | 394204.01 |
| 3816025.65 | 6.58938 (16032616) |         |            |           |
| 394215.17  | 3816005.66         | 6.58767 | (19121716) | 394226.33 |
| 3815985.67 | 7.79346 (19121716) |         |            |           |
| 394237.48  | 3815965.68         | 7.80445 | (19121716) | 394248.64 |
| 3815945.69 | 6.70179 (20020416) |         |            |           |
| 394259.80  | 3815925.69         | 5.80643 | (20020416) | 394270.96 |
| 3815905.70 | 5.19283 (19102016) |         |            |           |
| 394282.12  | 3815885.71         | 5.24422 | (19102016) | 394316.03 |
| 3815863.20 | 6.34218 (16120216) |         |            |           |
| 394384.30  | 3815855.63         | 6.06754 | (20060816) | 394407.06 |
| 3815853.10 | 5.95357 (20060816) |         |            |           |
| 394429.81  | 3815850.58         | 5.46185 | (20060816) | 394498.08 |
| 3815843.01 | 6.14839 (17012616) |         |            |           |
| 394181.69  | 3816065.63         | 6.63500 | (19103016) | 394180.90 |
| 3816089.11 | 7.79514 (19101016) |         |            |           |
| 394180.12  | 3816112.58         | 9.16587 | (19101016) | 394179.33 |
| 3816136.05 | 9.43366 (19101016) |         |            |           |
| 394178.55  | 3816159.52         | 8.45516 | (19101016) | 394177.76 |
| 3816183.00 | 6.65458 (19103008) |         |            |           |
| 394176.97  | 3816206.47         | 6.43177 | (20102616) | 394176.19 |
| 3816229.94 | 6.39714 (20090916) |         |            |           |
| 394175.40  | 3816253.41         | 6.98239 | (18111116) | 394174.62 |
| 3816276.89 | 7.08739 (18111116) |         |            |           |
| 394173.83  | 3816300.36         | 6.68888 | (17012716) | 394173.05 |
| 3816323.83 | 7.04251 (17012716) |         |            |           |
| 394172.26  | 3816347.30         | 6.81168 | (17012716) | 394311.13 |
| 3815819.02 | 5.73072 (16120216) |         |            |           |
| 394333.89  | 3815816.49         | 5.68067 | (20060816) | 394402.16 |
| 3815808.92 | 5.14953 (20060816) |         |            |           |
| 394424.91  | 3815806.40         | 5.13958 | (17012616) | 394447.67 |
| 3815803.88 | 5.66724 (17012616) |         |            |           |
| 394515.93  | 3815796.31         | 5.73449 | (20101616) | 394128.57 |
| 3816157.85 | 6.96492 (19101016) |         |            |           |
| 394127.79  | 3816181.32         | 6.27435 | (20102616) | 394127.00 |
| 3816204.80 | 6.10805 (20102616) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394126.22  | 3816228.27         | 6.34369 | (18111116) | 394125.43 |
| 3816251.74 | 7.04387 (18111116) |         |            |           |
| 394124.65  | 3816275.21         | 6.69478 | (18111116) | 394123.86 |
| 3816298.69 | 6.60862 (17012716) |         |            |           |
| 394123.07  | 3816322.16         | 6.87188 | (17012716) | 394122.29 |
| 3816345.63 | 6.63973 (17012716) |         |            |           |
| 394092.90  | 3816042.30         | 6.71530 | (19101016) | 394104.06 |
| 3816022.31 | 6.02227 (19103016) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1135

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 394115.22   | 3816002.31         | 5.67820    | (16032616) | 394126.38   |
| 3815982.32  | 5.93631 (16032616) |            |            |             |
| 394137.54   | 3815962.33         | 5.84386    | (19121716) | 394148.70   |
| 3815942.34  | 7.13130 (19121716) |            |            |             |
| 394159.86   | 3815922.35         | 7.59673    | (19121716) | 394171.02   |
| 3815902.36  | 6.91060 (19121716) |            |            |             |
| 394182.18   | 3815882.36         | 5.89195    | (20020416) | 394193.33   |
| 3815862.37  | 5.13956 (20020416) |            |            |             |
| 394204.49   | 3815842.38         | 4.74475    | (19102016) | 394215.65   |
| 3815822.39  | 4.83461 (16120216) |            |            |             |
| 394226.81   | 3815802.40         | 5.56497    | (16120216) | 394260.72   |
| 3815779.88  | 5.70679 (16120216) |            |            |             |
| 394328.99   | 3815772.31         | 5.49496    | (20060816) | 394351.75   |
| 3815769.79  | 5.28467 (20060816) |            |            |             |
| 394442.77   | 3815759.70         | 5.63627    | (17012616) | 394465.52   |
| 3815757.17  | 5.57937 (17012616) |            |            |             |
| 394081.75   | 3816062.29         | 8.02557    | (19101016) | 394080.96   |
| 3816085.76  | 8.62123 (19101016) |            |            |             |
| 394080.17   | 3816109.23         | 8.28389    | (19101016) | 394079.39   |
| 3816132.71  | 7.16668 (19101016) |            |            |             |

|            |           |                    |         |            |           |
|------------|-----------|--------------------|---------|------------|-----------|
| 3816179.65 | 394078.60 | 3816156.18         | 6.44383 | (19103008) | 394077.82 |
|            |           | 5.99961 (20102616) |         |            |           |
|            | 394077.03 | 3816203.12         | 5.85152 | (20122316) | 394076.25 |
| 3816226.60 |           | 6.57356 (18111116) |         |            |           |
|            | 394075.46 | 3816250.07         | 6.83205 | (18111116) | 394074.67 |
| 3816273.54 |           | 6.23008 (17102416) |         |            |           |
|            | 394073.89 | 3816297.01         | 6.51847 | (17012716) | 394073.10 |
| 3816320.49 |           | 6.75564 (17012716) |         |            |           |
|            | 394072.32 | 3816343.96         | 6.54401 | (17012716) | 393992.96 |
| 3816038.95 |           | 7.69661 (19101016) |         |            |           |
|            | 394004.12 | 3816018.96         | 6.97140 | (19101016) | 394015.28 |
| 3815998.97 |           | 5.72893 (19101016) |         |            |           |
|            | 394026.44 | 3815978.98         | 5.42899 | (19103016) | 394037.60 |
| 3815958.99 |           | 5.11636 (16032616) |         |            |           |
|            | 394048.75 | 3815938.99         | 5.34908 | (16032616) | 394059.91 |
| 3815919.00 |           | 5.24978 (16032616) |         |            |           |
|            | 394071.07 | 3815899.01         | 6.31150 | (19121716) | 394082.23 |
| 3815879.02 |           | 6.89299 (19121716) |         |            |           |
|            | 394093.39 | 3815859.03         | 6.43503 | (19121716) | 394104.55 |
| 3815839.04 |           | 5.45275 (20020416) |         |            |           |
|            | 394115.71 | 3815819.04         | 5.14561 | (20020416) | 394126.87 |
| 3815799.05 |           | 4.60594 (20020416) |         |            |           |
|            | 394138.03 | 3815779.06         | 4.29792 | (19102016) | 394149.18 |
| 3815759.07 |           | 4.55078 (16120216) |         |            |           |
|            | 394160.34 | 3815739.08         | 5.14794 | (16120216) | 394171.50 |
| 3815719.09 |           | 5.37757 (16120216) |         |            |           |
|            | 394205.42 | 3815696.57         | 4.71755 | (16120216) | 394273.68 |
| 3815689.00 |           | 4.86707 (20060816) |         |            |           |
|            | 394296.44 | 3815686.48         | 4.57145 | (20060816) | 394364.70 |
| 3815678.91 |           | 4.95312 (17012616) |         |            |           |
|            | 394387.46 | 3815676.39         | 5.09619 | (17012616) | 394410.22 |
| 3815673.86 |           | 5.05411 (17012616) |         |            |           |
|            | 394546.75 | 3815658.72         | 5.45860 | (19092416) | 394569.50 |
| 3815656.20 |           | 4.95774 (19092416) |         |            |           |
|            | 393981.80 | 3816058.94         | 7.71454 | (19101016) | 393981.02 |
| 3816082.42 |           | 7.13673 (19101016) |         |            |           |
|            | 393980.23 | 3816105.89         | 6.55229 | (19103008) | 393979.44 |
| 3816129.36 |           | 6.03234 (19103008) |         |            |           |
|            | 393978.66 | 3816152.83         | 5.49127 | (20102616) | 393977.87 |
| 3816176.31 |           | 5.48953 (20122316) |         |            |           |
|            | 393977.09 | 3816199.78         | 6.02898 | (18111116) | 393976.30 |
| 3816223.25 |           | 6.38340 (18111116) |         |            |           |
|            | 393975.52 | 3816246.72         | 6.10497 | (18111116) | 393974.73 |
| 3816270.20 |           | 5.95572 (17102416) |         |            |           |
|            | 393973.94 | 3816293.67         | 6.41057 | (17012716) | 393973.16 |
| 3816317.14 |           | 6.56162 (17012716) |         |            |           |
|            | 393972.37 | 3816340.61         | 6.30654 | (17012716) | 393893.02 |
| 3816035.61 |           | 6.80884 (19101016) |         |            |           |
|            | 393904.18 | 3816015.61         | 7.11099 | (19101016) | 393915.33 |
| 3815995.62 |           | 6.83668 (19101016) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393926.49  | 3815975.63         | 6.03566 | (19101016) | 393937.65 |
| 3815955.64 | 5.02706 (19103016) |         |            |           |
| 393948.81  | 3815935.65         | 4.88192 | (19103016) | 393959.97 |
| 3815915.66 | 4.60998 (16032616) |         |            |           |
| 393971.13  | 3815895.66         | 4.80736 | (16032616) | 393982.29 |
| 3815875.67 | 4.75278 (16032616) |         |            |           |
| 393993.45  | 3815855.68         | 5.51996 | (19121716) | 394004.60 |
| 3815835.69 | 5.96506 (19121716) |         |            |           |
| 394015.76  | 3815815.70         | 5.77576 | (19121716) | 394026.92 |
| 3815795.71 | 5.34593 (19121716) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1136

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 394038.08   | 3815775.71         | 4.93052    | (20020416) | 394049.24   |
| 3815755.72  | 4.64826 (20020416) |            |            |             |
| 394060.40   | 3815735.73         | 4.12850    | (20020416) | 394071.56   |
| 3815715.74  | 3.89476 (19102016) |            |            |             |
| 394082.72   | 3815695.75         | 4.27255    | (16120216) | 394093.88   |
| 3815675.76  | 4.74411 (16120216) |            |            |             |
| 394105.03   | 3815655.77         | 4.92834    | (16120216) | 394116.19   |
| 3815635.77  | 4.79068 (16120216) |            |            |             |
| 394150.11   | 3815613.26         | 4.36999    | (20060816) | 394172.86   |
| 3815610.74  | 4.49313 (20060816) |            |            |             |
| 394195.62   | 3815608.21         | 4.48444    | (20060816) | 394218.37   |
| 3815605.69  | 4.32457 (20060816) |            |            |             |
| 394241.13   | 3815603.17         | 4.00903    | (20060816) | 394309.40   |
| 3815595.60  | 4.55989 (17012616) |            |            |             |
| 394332.15   | 3815593.07         | 4.67145    | (17012616) | 394354.91   |
| 3815590.55  | 4.63113 (17012616) |            |            |             |
| 394536.95   | 3815570.36         | 4.20156    | (19092416) | 394559.71   |
| 3815567.84  | 3.79345 (17031116) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394582.46  | 3815565.32         | 3.64531 | (17031116) | 394605.22 |
| 3815562.79 | 3.42302 (17031116) |         |            |           |
| 393881.86  | 3816055.60         | 6.17843 | (19103008) | 393881.07 |
| 3816079.07 | 5.98477 (19103008) |         |            |           |
| 393880.29  | 3816102.54         | 5.49349 | (19103008) | 393879.50 |
| 3816126.01 | 4.96005 (20102616) |         |            |           |
| 393878.71  | 3816149.49         | 5.05146 | (20122316) | 393877.93 |
| 3816172.96 | 5.45568 (18111116) |         |            |           |
| 393877.14  | 3816196.43         | 5.84746 | (18111116) | 393876.36 |
| 3816219.90 | 5.76226 (18111116) |         |            |           |
| 393875.57  | 3816243.38         | 5.57661 | (17102416) | 393874.79 |
| 3816266.85 | 5.64715 (17012716) |         |            |           |
| 393874.00  | 3816290.32         | 5.89997 | (17012716) | 393873.21 |
| 3816313.79 | 5.88803 (17012716) |         |            |           |
| 393872.43  | 3816337.27         | 5.56326 | (17012716) | 394094.80 |
| 3815529.95 | 4.02299 (20060816) |         |            |           |
| 394117.55  | 3815527.42         | 4.05853 | (20060816) | 394140.31 |
| 3815524.90 | 3.99143 (20060816) |         |            |           |
| 394163.07  | 3815522.38         | 3.81427 | (20060816) | 394185.82 |
| 3815519.85 | 3.52725 (20060816) |         |            |           |
| 394208.58  | 3815517.33         | 3.66855 | (17012616) | 394231.33 |
| 3815514.81 | 3.98994 (17012616) |         |            |           |
| 394254.09  | 3815512.28         | 4.20613 | (17012616) | 394276.84 |
| 3815509.76 | 4.29852 (17012616) |         |            |           |
| 394299.60  | 3815507.24         | 4.26483 | (17012616) | 394504.40 |
| 3815484.53 | 4.05658 (19092416) |         |            |           |
| 394527.15  | 3815482.01         | 3.60172 | (19111116) | 394549.91 |
| 3815479.48 | 3.33272 (17031116) |         |            |           |
| 394572.67  | 3815476.96         | 3.25751 | (19103116) | 394595.42 |
| 3815474.44 | 3.22488 (19103116) |         |            |           |
| 394618.18  | 3815471.91         | 3.13369 | (18120624) | 394640.93 |
| 3815469.39 | 3.23061 (18120624) |         |            |           |
| 393779.56  | 3816122.67         | 4.53817 | (20122316) | 393778.77 |
| 3816146.14 | 4.86724 (18111116) |         |            |           |
| 393777.98  | 3816169.61         | 5.28813 | (18111116) | 393777.20 |
| 3816193.09 | 5.31963 (18111116) |         |            |           |
| 393776.41  | 3816216.56         | 5.03725 | (17102416) | 393775.63 |
| 3816240.03 | 4.96207 (17102416) |         |            |           |
| 393774.84  | 3816263.50         | 5.13031 | (17012716) | 393774.06 |
| 3816286.98 | 5.23888 (17012716) |         |            |           |
| 393773.27  | 3816310.45         | 5.13234 | (17012716) | 393772.48 |
| 3816333.92 | 4.81203 (17012716) |         |            |           |
| 393693.13  | 3816028.91         | 4.88796 | (19103008) | 393704.29 |
| 3816008.92 | 5.21145 (19103008) |         |            |           |
| 393715.45  | 3815988.93         | 5.35902 | (19103008) | 393726.61 |
| 3815968.94 | 5.72636 (19101016) |         |            |           |
| 393737.76  | 3815948.95         | 5.96127 | (19101016) | 393748.92 |
| 3815928.96 | 5.81826 (19101016) |         |            |           |
| 393760.08  | 3815908.96         | 5.32446 | (19101016) | 393771.24 |
| 3815888.97 | 4.57889 (19101016) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393782.40  | 3815868.98         | 4.14592 | (19103016) | 393793.56 |
| 3815848.99 | 3.98010 (19101116) |         |            |           |
| 393804.72  | 3815829.00         | 3.87343 | (19101116) | 393815.88 |
| 3815809.01 | 3.93714 (16032616) |         |            |           |
| 393827.03  | 3815789.01         | 3.93062 | (16032616) | 393838.19 |
| 3815769.02 | 4.34341 (19121716) |         |            |           |
| 393849.35  | 3815749.03         | 4.85793 | (19121716) | 393860.51 |
| 3815729.04 | 4.97739 (19121716) |         |            |           |
| 393871.67  | 3815709.05         | 4.95459 | (19121716) | 393882.83 |
| 3815689.06 | 4.71482 (19121716) |         |            |           |
| 393893.99  | 3815669.07         | 4.33016 | (20020416) | 393905.15 |
| 3815649.07 | 4.13969 (20020416) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1137

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393916.30   | 3815629.08         | 3.79197    | (20020416) | 393927.46   |
| 3815609.09  | 3.31793 (20020416) |            |            |             |
| 393938.62   | 3815589.10         | 3.24911    | (16120216) | 393949.78   |
| 3815569.11  | 3.71195 (16120216) |            |            |             |
| 393960.94   | 3815549.12         | 4.05143    | (16120216) | 393972.10   |
| 3815529.12  | 4.20768 (16120216) |            |            |             |
| 393983.26   | 3815509.13         | 4.14432    | (16120216) | 393994.42   |
| 3815489.14  | 3.86077 (16120216) |            |            |             |
| 394005.58   | 3815469.15         | 3.52109    | (20060816) | 394039.49   |
| 3815446.63  | 3.64833 (20060816) |            |            |             |
| 394062.25   | 3815444.11         | 3.62533    | (20060816) | 394153.27   |
| 3815434.02  | 3.36413 (17012616) |            |            |             |
| 394176.02   | 3815431.49         | 3.60309    | (17012616) | 394198.78   |
| 3815428.97  | 3.75040 (17012616) |            |            |             |
| 394221.53   | 3815426.45         | 3.81318    | (17012616) | 394244.29   |
| 3815423.93  | 3.79831 (17012616) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394267.05  | 3815421.40         | 3.71980 | (17012616) | 394289.80 |
| 3815418.88 | 4.06003 (19092416) |         |            |           |
| 394312.56  | 3815416.36         | 4.49086 | (19092416) | 394335.31 |
| 3815413.83 | 4.80904 (19092416) |         |            |           |
| 394358.07  | 3815411.31         | 4.99469 | (19092416) | 394380.82 |
| 3815408.79 | 5.03000 (19092416) |         |            |           |
| 394403.58  | 3815406.26         | 4.82133 | (19092416) | 394426.33 |
| 3815403.74 | 4.50350 (19092416) |         |            |           |
| 394449.09  | 3815401.22         | 4.10160 | (19092416) | 394471.85 |
| 3815398.69 | 3.64664 (19092416) |         |            |           |
| 394494.60  | 3815396.17         | 3.30562 | (19111116) | 394517.36 |
| 3815393.65 | 3.04277 (19111116) |         |            |           |
| 394540.11  | 3815391.12         | 3.20301 | (19103116) | 394562.87 |
| 3815388.60 | 3.62743 (18120624) |         |            |           |
| 394585.62  | 3815386.08         | 4.41206 | (18120624) | 394608.38 |
| 3815383.55 | 5.05728 (18120624) |         |            |           |
| 394631.13  | 3815381.03         | 6.27395 | (18120624) | 394653.89 |
| 3815378.51 | 6.58987 (18120624) |         |            |           |
| 394676.65  | 3815375.98         | 5.50541 | (18120624) | 393681.97 |
| 3816048.90 | 4.41872 (19103008) |         |            |           |
| 393681.18  | 3816072.38         | 3.97618 | (20122316) | 393680.40 |
| 3816095.85 | 4.17651 (20122316) |         |            |           |
| 393679.61  | 3816119.32         | 4.42095 | (18111116) | 393678.83 |
| 3816142.79 | 4.79928 (18111116) |         |            |           |
| 393678.04  | 3816166.27         | 4.86686 | (18111116) | 393677.25 |
| 3816189.74 | 4.61583 (18111116) |         |            |           |
| 393676.47  | 3816213.21         | 4.55953 | (17102416) | 393675.68 |
| 3816236.68 | 4.49616 (17012716) |         |            |           |
| 393674.90  | 3816260.16         | 4.67662 | (17012716) | 393674.11 |
| 3816283.63 | 4.72377 (17012716) |         |            |           |
| 393673.33  | 3816307.10         | 4.59513 | (17012716) | 393672.54 |
| 3816330.57 | 4.36192 (17100916) |         |            |           |
| 393593.18  | 3816025.57         | 4.06258 | (19103008) | 393604.34 |
| 3816005.58 | 4.49143 (19103008) |         |            |           |
| 393615.50  | 3815985.58         | 4.76626 | (19103008) | 393626.66 |
| 3815965.59 | 4.90154 (19103008) |         |            |           |
| 393637.82  | 3815945.60         | 5.00561 | (19101016) | 393648.98 |
| 3815925.61 | 5.37796 (19101016) |         |            |           |
| 393660.14  | 3815905.62         | 5.45739 | (19101016) | 393671.30 |
| 3815885.63 | 5.21614 (19101016) |         |            |           |
| 393682.46  | 3815865.63         | 4.70441 | (19101016) | 393693.61 |
| 3815845.64 | 4.01562 (19101016) |         |            |           |
| 393704.77  | 3815825.65         | 3.81109 | (19103016) | 393715.93 |
| 3815805.66 | 3.71723 (19101116) |         |            |           |
| 393727.09  | 3815785.67         | 3.53250 | (19101116) | 393738.25 |
| 3815765.68 | 3.55737 (16032616) |         |            |           |
| 393749.41  | 3815745.69         | 3.58397 | (16032616) | 393760.57 |
| 3815725.69 | 3.86264 (19121716) |         |            |           |
| 393771.73  | 3815705.70         | 4.31227 | (19121716) | 393782.88 |
| 3815685.71 | 4.58947 (19121716) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393794.04  | 3815665.72         | 4.68333 | (19121716) | 393805.20 |
| 3815645.73 | 4.57853 (19121716) |         |            |           |
| 393816.36  | 3815625.74         | 4.25057 | (19121716) | 393827.52 |
| 3815605.74 | 3.99562 (20020416) |         |            |           |
| 393838.68  | 3815585.75         | 3.76326 | (20020416) | 393849.84 |
| 3815565.76 | 3.41068 (20020416) |         |            |           |
| 393861.00  | 3815545.77         | 2.96941 | (20020416) | 393872.15 |
| 3815525.78 | 3.05394 (16120216) |         |            |           |
| 393883.31  | 3815505.79         | 3.44518 | (16120216) | 393894.47 |
| 3815485.79 | 3.73662 (16120216) |         |            |           |
| 393905.63  | 3815465.80         | 3.87795 | (16120216) | 393916.79 |
| 3815445.81 | 3.83779 (16120216) |         |            |           |
| 393927.95  | 3815425.82         | 3.61944 | (16120216) | 393939.11 |
| 3815405.83 | 3.25212 (16120216) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1138

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393950.27   | 3815385.84         | 3.28134    | (20060816) | 393984.18   |
| 3815363.32  | 3.29314 (20060816) |            |            |             |
| 394006.94   | 3815360.80         | 3.24668    | (20060816) | 394029.69   |
| 3815358.28  | 3.13981 (20060816) |            |            |             |
| 394052.45   | 3815355.75         | 2.96711    | (20060816) | 394075.20   |
| 3815353.23  | 3.09846 (19051016) |            |            |             |
| 394097.96   | 3815350.71         | 3.17086    | (19051016) | 394120.71   |
| 3815348.18  | 3.35317 (17012616) |            |            |             |
| 394188.98   | 3815340.61         | 3.49090    | (17012616) | 394211.74   |
| 3815338.09  | 3.38164 (17012616) |            |            |             |
| 394234.49   | 3815335.57         | 3.57223    | (19092416) | 394257.25   |
| 3815333.04  | 3.92379 (19092416) |            |            |             |
| 394280.00   | 3815330.52         | 4.21187    | (19092416) | 394302.76   |
| 3815328.00  | 4.40624 (19092416) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394325.51  | 3815325.47         | 4.50365 | (19092416) | 394348.27 |
| 3815322.95 | 4.48817 (19092416) |         |            |           |
| 394371.03  | 3815320.43         | 4.34334 | (19092416) | 394393.78 |
| 3815317.90 | 4.08894 (19092416) |         |            |           |
| 394416.54  | 3815315.38         | 3.75795 | (19092416) | 394439.29 |
| 3815312.86 | 3.37972 (19092416) |         |            |           |
| 394462.05  | 3815310.33         | 3.07826 | (19111116) | 394484.80 |
| 3815307.81 | 2.88784 (19103116) |         |            |           |
| 394507.56  | 3815305.29         | 3.10095 | (19103116) | 394530.31 |
| 3815302.76 | 3.73530 (18120624) |         |            |           |
| 394553.07  | 3815300.24         | 4.42463 | (18120624) | 394575.83 |
| 3815297.72 | 4.88889 (18120624) |         |            |           |
| 394598.58  | 3815295.19         | 5.01503 | (18120624) | 394621.34 |
| 3815292.67 | 5.07895 (18120624) |         |            |           |
| 394644.09  | 3815290.15         | 5.17163 | (18120624) | 394666.85 |
| 3815287.62 | 4.96082 (18120624) |         |            |           |
| 394689.60  | 3815285.10         | 4.17419 | (18120624) | 394712.36 |
| 3815282.58 | 4.16445 (20112708) |         |            |           |
| 393582.03  | 3816045.56         | 3.66721 | (20122316) | 393581.24 |
| 3816069.03 | 3.81969 (20122316) |         |            |           |
| 393580.45  | 3816092.50         | 3.98167 | (18111116) | 393579.67 |
| 3816115.98 | 4.32235 (18111116) |         |            |           |
| 393578.88  | 3816139.45         | 4.42903 | (18111116) | 393578.10 |
| 3816162.92 | 4.29610 (18111116) |         |            |           |
| 393577.31  | 3816186.39         | 4.20690 | (17102416) | 393576.53 |
| 3816209.87 | 4.14179 (17102416) |         |            |           |
| 393575.74  | 3816233.34         | 4.21066 | (17012716) | 393574.95 |
| 3816256.81 | 4.31950 (17012716) |         |            |           |
| 393574.17  | 3816280.28         | 4.31708 | (17012716) | 393573.38 |
| 3816303.76 | 4.16845 (17012716) |         |            |           |
| 393572.60  | 3816327.23         | 4.03873 | (17100916) | 393343.58 |
| 3816016.74 | 3.15103 (20122316) |         |            |           |
| 393355.00  | 3815996.28         | 3.10026 | (20122316) | 393366.42 |
| 3815975.82 | 3.05686 (19103008) |         |            |           |
| 393377.84  | 3815955.37         | 3.42075 | (19103008) | 393389.26 |
| 3815934.91 | 3.76910 (19103008) |         |            |           |
| 393400.68  | 3815914.45         | 4.03463 | (19103008) | 393412.09 |
| 3815894.00 | 4.19035 (19103008) |         |            |           |
| 393423.51  | 3815873.54         | 4.21739 | (19103008) | 393434.93 |
| 3815853.09 | 4.27949 (19101016) |         |            |           |
| 393446.35  | 3815832.63         | 4.37850 | (19101016) | 393457.77 |
| 3815812.17 | 4.34316 (19101016) |         |            |           |
| 393469.19  | 3815791.72         | 4.16980 | (19101016) | 393480.60 |
| 3815771.26 | 3.79090 (19101016) |         |            |           |
| 393492.02  | 3815750.80         | 3.29523 | (18030516) | 393503.44 |
| 3815730.35 | 3.16017 (18030516) |         |            |           |
| 393514.86  | 3815709.89         | 3.16071 | (19101116) | 393526.28 |
| 3815689.43 | 3.12734 (19101116) |         |            |           |
| 393537.70  | 3815668.98         | 2.94010 | (19101116) | 393549.11 |
| 3815648.52 | 2.90041 (16032616) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393560.53  | 3815628.06         | 2.87769 | (16032616) | 393571.95 |
| 3815607.61 | 3.21907 (19121716) |         |            |           |
| 393583.37  | 3815587.15         | 3.61505 | (19121716) | 393594.79 |
| 3815566.69 | 3.91134 (19121716) |         |            |           |
| 393606.21  | 3815546.24         | 4.06878 | (19121716) | 393617.62 |
| 3815525.78 | 4.05406 (19121716) |         |            |           |
| 393629.04  | 3815505.33         | 3.88022 | (19121716) | 393640.46 |
| 3815484.87 | 3.56734 (19121716) |         |            |           |
| 393651.88  | 3815464.41         | 3.38355 | (20020416) | 393663.30 |
| 3815443.96 | 3.19149 (20020416) |         |            |           |
| 393674.72  | 3815423.50         | 2.91781 | (20020416) | 393686.13 |
| 3815403.04 | 2.58824 (20020416) |         |            |           |
| 393697.55  | 3815382.59         | 2.41652 | (16120216) | 393708.97 |
| 3815362.13 | 2.72766 (16120216) |         |            |           |
| 393720.39  | 3815341.67         | 2.99259 | (16120216) | 393731.81 |
| 3815321.22 | 3.17897 (16120216) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1139

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393743.23   | 3815300.76         | 3.26113    | (16120216) | 393754.64   |
| 3815280.30  | 3.34583 (16120216) |            |            |             |
| 393766.06   | 3815259.85         | 3.38925    | (16120216) | 393777.48   |
| 3815239.39  | 3.32230 (16120216) |            |            |             |
| 393788.90   | 3815218.93         | 3.32169    | (20060816) | 393800.32   |
| 3815198.48  | 3.53801 (20060816) |            |            |             |
| 393811.74   | 3815178.02         | 3.57395    | (20060816) | 393846.44   |
| 3815154.98  | 3.48637 (20060816) |            |            |             |
| 393869.72   | 3815152.40         | 3.96743    | (19051016) | 393893.01   |
| 3815149.82  | 4.52478 (19051016) |            |            |             |
| 393916.29   | 3815147.24         | 5.81645    | (19123024) | 393939.58   |
| 3815144.66  | 7.62637 (16122124) |            |            |             |

|            |                      |          |            |           |
|------------|----------------------|----------|------------|-----------|
| 393962.86  | 3815142.07           | 9.47253  | (16122124) | 394056.00 |
| 3815131.75 | 5.98828 (16122124)   |          |            |           |
| 394079.29  | 3815129.16           | 8.38782  | (16011708) | 394102.57 |
| 3815126.58 | 12.91304 (16011708)  |          |            |           |
| 394125.86  | 3815124.00           | 15.50475 | (16011708) | 394149.14 |
| 3815121.42 | 12.32438 (16011708)  |          |            |           |
| 394172.42  | 3815118.84           | 7.44624  | (18120708) | 394195.71 |
| 3815116.25 | 6.25209 (20040924)   |          |            |           |
| 394218.99  | 3815113.67           | 5.50792  | (20122324) | 394242.28 |
| 3815111.09 | 5.57555 (20122324)   |          |            |           |
| 394265.56  | 3815108.51           | 5.44126  | (20122324) | 394288.85 |
| 3815105.93 | 5.26058 (20122324)   |          |            |           |
| 394312.13  | 3815103.34           | 4.98940  | (20122324) | 394335.42 |
| 3815100.76 | 4.55175 (20122324)   |          |            |           |
| 394358.70  | 3815098.18           | 4.57806  | (19120524) | 394381.99 |
| 3815095.60 | 4.95704 (19011924)   |          |            |           |
| 394405.27  | 3815093.02           | 5.42356  | (20013024) | 394428.56 |
| 3815090.43 | 5.47427 (20041424)   |          |            |           |
| 394451.84  | 3815087.85           | 6.04589  | (20041424) | 394475.13 |
| 3815085.27 | 6.74815 (18120624)   |          |            |           |
| 394498.41  | 3815082.69           | 7.74021  | (18120624) | 394521.70 |
| 3815080.11 | 8.73536 (18120624)   |          |            |           |
| 394544.98  | 3815077.52           | 9.10727  | (18120624) | 394568.27 |
| 3815074.94 | 8.78889 (18120624)   |          |            |           |
| 394591.55  | 3815072.36           | 8.63864  | (18120624) | 394614.83 |
| 3815069.78 | 13.48172c (18022508) |          |            |           |
| 394638.12  | 3815067.20           | 15.44401 | (16122024) | 394661.40 |
| 3815064.62 | 19.75888 (18091508)  |          |            |           |
| 394684.69  | 3815062.03           | 28.89123 | (16122608) | 394707.97 |
| 3815059.45 | 31.87844 (16122608)  |          |            |           |
| 394731.26  | 3815056.87           | 25.36441 | (16122608) | 394754.54 |
| 3815054.29 | 13.86659 (19011524)  |          |            |           |
| 394777.83  | 3815051.71           | 11.39428 | (19011524) | 394801.11 |
| 3815049.12 | 8.94633 (16122824)   |          |            |           |
| 393332.17  | 3816037.19           | 3.35479  | (18111116) | 393331.38 |
| 3816060.67 | 3.62195 (18111116)   |          |            |           |
| 393330.59  | 3816084.14           | 3.75403  | (18111116) | 393329.81 |
| 3816107.61 | 3.73733 (18111116)   |          |            |           |
| 393329.02  | 3816131.08           | 3.65810  | (17102416) | 393328.24 |
| 3816154.56 | 3.69685 (17102416)   |          |            |           |
| 393327.45  | 3816178.03           | 3.63473  | (19121624) | 393326.67 |
| 3816201.50 | 3.68479 (17012716)   |          |            |           |
| 393325.88  | 3816224.97           | 3.77173  | (17012716) | 393325.09 |
| 3816248.45 | 3.75712 (17012716)   |          |            |           |
| 393324.31  | 3816271.92           | 3.66810  | (17012716) | 393323.52 |
| 3816295.39 | 3.48417 (17012716)   |          |            |           |
| 393322.74  | 3816318.86           | 3.54199  | (17100916) | 393093.68 |
| 3816008.46 | 3.22613 (18111116)   |          |            |           |
| 393105.04  | 3815988.09           | 3.08510  | (18111116) | 393116.41 |
| 3815967.72 | 2.85049 (20122316)   |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393127.78  | 3815947.35         | 2.85980 | (20122316) | 393139.15 |
| 3815926.98 | 2.77908 (20122316) |         |            |           |
| 393150.52  | 3815906.62         | 2.87078 | (19103008) | 393161.89 |
| 3815886.25 | 3.13705 (19103008) |         |            |           |
| 393173.26  | 3815865.88         | 3.35295 | (19103008) | 393184.63 |
| 3815845.51 | 3.51730 (19103008) |         |            |           |
| 393196.00  | 3815825.14         | 3.60985 | (19103008) | 393207.37 |
| 3815804.77 | 3.61684 (19103008) |         |            |           |
| 393218.74  | 3815784.40         | 3.52267 | (19103008) | 393230.11 |
| 3815764.03 | 3.53853 (19101016) |         |            |           |
| 393241.48  | 3815743.67         | 3.61381 | (19101016) | 393252.85 |
| 3815723.30 | 3.59190 (19101016) |         |            |           |
| 393264.22  | 3815702.93         | 3.41824 | (19101016) | 393275.58 |
| 3815682.56 | 3.18984 (19101016) |         |            |           |
| 393286.95  | 3815662.19         | 2.89519 | (19101016) | 393298.32 |
| 3815641.82 | 2.78674 (18030516) |         |            |           |
| 393309.69  | 3815621.45         | 2.69942 | (19101116) | 393321.06 |
| 3815601.08 | 2.73676 (19101116) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1140

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393332.43   | 3815580.72         | 2.69575    | (19101116) | 393343.80   |
| 3815560.35  | 2.56092 (19101116) |            |            |             |
| 393355.17   | 3815539.98         | 2.43669    | (18032716) | 393366.54   |
| 3815519.61  | 2.43215 (16032616) |            |            |             |
| 393377.91   | 3815499.24         | 2.66002    | (19121716) | 393389.28   |
| 3815478.87  | 3.03896 (19121716) |            |            |             |
| 393400.65   | 3815458.50         | 3.33538    | (19121716) | 393412.02   |
| 3815438.13  | 3.50966 (19121716) |            |            |             |
| 393423.39   | 3815417.77         | 3.57685    | (19121716) | 393434.76   |
| 3815397.40  | 3.54371 (19121716) |            |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393446.13  | 3815377.03           | 3.41366   | (19121716) | 393457.49 |
| 3815356.66 | 3.18802 (19121716)   |           |            |           |
| 393468.86  | 3815336.29           | 2.95179   | (20020416) | 393480.23 |
| 3815315.92 | 2.83828 (20020416)   |           |            |           |
| 393491.60  | 3815295.55           | 2.67090   | (20020416) | 393502.97 |
| 3815275.18 | 2.45707 (20020416)   |           |            |           |
| 393514.34  | 3815254.82           | 2.20377   | (20020416) | 393525.71 |
| 3815234.45 | 2.02835 (16120216)   |           |            |           |
| 393537.08  | 3815214.08           | 2.29074   | (16120216) | 393548.45 |
| 3815193.71 | 2.54624 (16120216)   |           |            |           |
| 393559.82  | 3815173.34           | 2.74814   | (16120216) | 393571.19 |
| 3815152.97 | 2.85610 (16120216)   |           |            |           |
| 393582.56  | 3815132.60           | 2.89009   | (16120216) | 393593.93 |
| 3815112.23 | 2.85471 (16120216)   |           |            |           |
| 393605.30  | 3815091.87           | 2.73763   | (16120216) | 393616.67 |
| 3815071.50 | 2.54211 (16120216)   |           |            |           |
| 393628.03  | 3815051.13           | 2.37843   | (20060816) | 393639.40 |
| 3815030.76 | 2.43400 (20060816)   |           |            |           |
| 393650.77  | 3815010.39           | 2.45964   | (20060816) | 393662.14 |
| 3814990.02 | 2.44730 (20060816)   |           |            |           |
| 393673.51  | 3814969.65           | 2.41938   | (20060816) | 393708.07 |
| 3814946.71 | 2.56280 (19051016)   |           |            |           |
| 393731.25  | 3814944.14           | 2.74461   | (19051016) | 393754.44 |
| 3814941.57 | 2.89970 (19051016)   |           |            |           |
| 393777.62  | 3814939.00           | 2.98240   | (19051016) | 393800.81 |
| 3814936.43 | 3.02308 (19051016)   |           |            |           |
| 393823.99  | 3814933.86           | 3.00144   | (19051016) | 393893.55 |
| 3814926.15 | 2.60343 (19051016)   |           |            |           |
| 393916.73  | 3814923.58           | 2.45137   | (17012616) | 393939.92 |
| 3814921.00 | 2.49703 (20021016)   |           |            |           |
| 393963.10  | 3814918.43           | 2.50195   | (19092416) | 393986.29 |
| 3814915.86 | 2.70765 (18120708)   |           |            |           |
| 394009.47  | 3814913.29           | 3.20911   | (18120708) | 394032.66 |
| 3814910.72 | 3.92627 (18120708)   |           |            |           |
| 394055.84  | 3814908.15           | 4.63404   | (18120708) | 394079.02 |
| 3814905.58 | 5.52120 (20040924)   |           |            |           |
| 394102.21  | 3814903.01           | 6.29741   | (20040924) | 394125.39 |
| 3814900.44 | 7.90334 (16113024)   |           |            |           |
| 394148.58  | 3814897.87           | 9.82276   | (16113024) | 394171.76 |
| 3814895.30 | 11.16792m (18120924) |           |            |           |
| 394194.95  | 3814892.73           | 12.38364  | (17030408) | 394218.13 |
| 3814890.15 | 15.61720 (19010508)  |           |            |           |
| 394241.32  | 3814887.58           | 28.42093c | (19112308) | 394264.50 |
| 3814885.01 | 35.98887 (17123108)  |           |            |           |
| 394287.69  | 3814882.44           | 33.42142  | (16010224) | 394310.87 |
| 3814879.87 | 33.61324 (17102724)  |           |            |           |
| 394334.06  | 3814877.30           | 33.78803  | (17102724) | 394357.24 |
| 3814874.73 | 33.56665 (19020708)  |           |            |           |
| 394380.43  | 3814872.16           | 36.94732  | (19020708) | 394403.61 |
| 3814869.59 | 33.89701 (19020708)  |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394426.80  | 3814867.02 | 36.77609   | (17021124) | 394449.98 |
| 3814864.45 | 36.72022   | (17021124) |            |           |
| 394473.17  | 3814861.87 | 33.47683   | (20031208) | 394496.35 |
| 3814859.30 | 33.20707   | (16102924) |            |           |
| 394519.54  | 3814856.73 | 37.50055   | (16102924) | 394542.72 |
| 3814854.16 | 37.46633   | (16040124) |            |           |
| 394565.91  | 3814851.59 | 36.29345   | (16040124) | 394589.09 |
| 3814849.02 | 33.95513   | (16010224) |            |           |
| 394612.28  | 3814846.45 | 35.51451   | (16010224) | 394635.46 |
| 3814843.88 | 33.80778   | (17012524) |            |           |
| 394658.65  | 3814841.31 | 38.17565   | (17012524) | 394681.83 |
| 3814838.74 | 38.68560   | (16122608) |            |           |
| 394705.02  | 3814836.17 | 37.09389   | (17121824) | 394728.20 |
| 3814833.60 | 37.07356   | (17121824) |            |           |
| 394751.39  | 3814831.02 | 30.42301   | (17121824) | 394774.57 |
| 3814828.45 | 34.22613   | (17122408) |            |           |
| 394797.76  | 3814825.88 | 38.27732   | (17122408) | 394820.94 |
| 3814823.31 | 35.18979   | (17122408) |            |           |
| 394844.13  | 3814820.74 | 33.95333   | (18061208) | 394867.31 |
| 3814818.17 | 32.07779   | (20113008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1141

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394890.50   | 3814815.60  | 33.50195   | (20113008) | 393082.31   |
| 3816028.83  | 3.25397     | (18111116) |            |             |
| 393081.52   | 3816052.30  | 3.21850    | (18111116) | 393080.73   |
| 3816075.77  | 3.19884     | (19121624) |            |             |
| 393079.95   | 3816099.25  | 3.29136    | (19121624) | 393079.16   |
| 3816122.72  | 3.28672     | (19121624) |            |             |
| 393078.38   | 3816146.19  | 3.22392    | (19121624) | 393077.59   |
| 3816169.66  | 3.12900     | (19121624) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393076.81  | 3816193.14         | 3.08080 | (17012716) | 393076.02 |
| 3816216.61 | 3.08735 (17012716) |         |            |           |
| 393075.23  | 3816240.08         | 3.03964 | (17012716) | 393074.45 |
| 3816263.55 | 2.93173 (17012716) |         |            |           |
| 393073.66  | 3816287.03         | 2.82778 | (17100916) | 393072.88 |
| 3816310.50 | 2.92442 (17100916) |         |            |           |
| 392843.78  | 3816000.15         | 2.86124 | (18111116) | 392855.12 |
| 3815979.85 | 2.87642 (18111116) |         |            |           |
| 392866.45  | 3815959.54         | 2.81862 | (18111116) | 392877.79 |
| 3815939.23 | 2.69091 (18111116) |         |            |           |
| 392889.13  | 3815918.92         | 2.50397 | (18111116) | 392900.46 |
| 3815898.61 | 2.43830 (20122316) |         |            |           |
| 392911.80  | 3815878.30         | 2.40087 | (20122316) | 392923.13 |
| 3815857.99 | 2.30622 (20122316) |         |            |           |
| 392934.47  | 3815837.68         | 2.47892 | (19103008) | 392945.81 |
| 3815817.37 | 2.69254 (19103008) |         |            |           |
| 392957.14  | 3815797.07         | 2.88307 | (19103008) | 392968.48 |
| 3815776.76 | 3.03646 (19103008) |         |            |           |
| 392979.81  | 3815756.45         | 3.15226 | (19103008) | 392991.15 |
| 3815736.14 | 3.22948 (19103008) |         |            |           |
| 393002.48  | 3815715.83         | 3.22839 | (19103008) | 393013.82 |
| 3815695.52 | 3.14508 (19103008) |         |            |           |
| 393025.16  | 3815675.21         | 3.13421 | (19101016) | 393036.49 |
| 3815654.90 | 3.12788 (19101016) |         |            |           |
| 393047.83  | 3815634.59         | 3.05021 | (19101016) | 393059.16 |
| 3815614.29 | 2.90711 (19101016) |         |            |           |
| 393070.50  | 3815593.98         | 2.71895 | (19101016) | 393081.84 |
| 3815573.67 | 2.49632 (19101016) |         |            |           |
| 393093.17  | 3815553.36         | 2.40796 | (18030516) | 393104.51 |
| 3815533.05 | 2.34715 (18030516) |         |            |           |
| 393115.84  | 3815512.74         | 2.33697 | (19101116) | 393127.18 |
| 3815492.43 | 2.34885 (19101116) |         |            |           |
| 393138.52  | 3815472.12         | 2.29998 | (19101116) | 393149.85 |
| 3815451.81 | 2.19025 (19101116) |         |            |           |
| 393161.19  | 3815431.51         | 2.06359 | (18032716) | 393172.52 |
| 3815411.20 | 2.04931 (18032716) |         |            |           |
| 393183.86  | 3815390.89         | 2.16114 | (19121716) | 393195.20 |
| 3815370.58 | 2.46595 (19121716) |         |            |           |
| 393206.53  | 3815350.27         | 2.73061 | (19121716) | 393217.87 |
| 3815329.96 | 2.93443 (19121716) |         |            |           |
| 393229.20  | 3815309.65         | 3.08332 | (19121716) | 393240.54 |
| 3815289.34 | 3.15214 (19121716) |         |            |           |
| 393251.88  | 3815269.03         | 3.11525 | (19121716) | 393263.21 |
| 3815248.73 | 3.01682 (19121716) |         |            |           |
| 393274.55  | 3815228.42         | 2.85040 | (19121716) | 393285.88 |
| 3815208.11 | 2.62873 (19121716) |         |            |           |
| 393297.22  | 3815187.80         | 2.52368 | (20020416) | 393308.56 |
| 3815167.49 | 2.41764 (20020416) |         |            |           |
| 393319.89  | 3815147.18         | 2.27236 | (20020416) | 393331.23 |
| 3815126.87 | 2.10325 (20020416) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393342.56  | 3815106.56         | 1.91196 | (20020416) | 393353.90 |
| 3815086.25 | 1.74472 (16120216) |         |            |           |
| 393365.23  | 3815065.95         | 1.93953 | (16120216) | 393376.57 |
| 3815045.64 | 2.11752 (16120216) |         |            |           |
| 393387.91  | 3815025.33         | 2.26460 | (16120216) | 393399.24 |
| 3815005.02 | 2.37541 (16120216) |         |            |           |
| 393410.58  | 3814984.71         | 2.43992 | (16120216) | 393421.91 |
| 3814964.40 | 2.45052 (16120216) |         |            |           |
| 393433.25  | 3814944.09         | 2.41502 | (16120216) | 393444.59 |
| 3814923.78 | 2.31803 (16120216) |         |            |           |
| 393455.92  | 3814903.47         | 2.15818 | (16120216) | 393467.26 |
| 3814883.17 | 1.96297 (20060816) |         |            |           |
| 393478.59  | 3814862.86         | 1.99011 | (20060816) | 393489.93 |
| 3814842.55 | 2.00156 (20060816) |         |            |           |
| 393501.27  | 3814822.24         | 2.00750 | (20060816) | 393512.60 |
| 3814801.93 | 2.00214 (20060816) |         |            |           |
| 393523.94  | 3814781.62         | 1.97382 | (20060816) | 393535.27 |
| 3814761.31 | 1.96240 (19051016) |         |            |           |
| 393569.73  | 3814738.44         | 2.19356 | (19051016) | 393592.84 |
| 3814735.88 | 2.32435 (19051016) |         |            |           |
| 393615.96  | 3814733.31         | 2.44865 | (19051016) | 393639.08 |
| 3814730.75 | 2.56522 (19051016) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1142

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393662.19   | 3814728.19         | 2.72855    | (19051016) | 393685.31   |
| 3814725.62  | 2.84210 (19051016) |            |            |             |
| 393800.89   | 3814712.81         | 2.29991    | (16012024) | 393824.01   |
| 3814710.24  | 2.10555 (16012024) |            |            |             |
| 393847.13   | 3814707.68         | 2.37906    | (18120708) | 393870.24   |
| 3814705.12  | 2.99506 (18120708) |            |            |             |

|            |                      |          |            |           |
|------------|----------------------|----------|------------|-----------|
| 393893.36  | 3814702.55           | 3.72730  | (18120708) | 393916.48 |
| 3814699.99 | 3.90286 (18120708)   |          |            |           |
| 393939.59  | 3814697.43           | 3.63312  | (18120708) | 393962.71 |
| 3814694.86 | 3.45762 (20040924)   |          |            |           |
| 393985.83  | 3814692.30           | 3.47796  | (20040924) | 394008.94 |
| 3814689.74 | 3.95500 (20122324)   |          |            |           |
| 394032.06  | 3814687.17           | 4.99942  | (20122324) | 394055.18 |
| 3814684.61 | 6.55200 (16113024)   |          |            |           |
| 394078.29  | 3814682.05           | 8.48085m | (18120924) | 394101.41 |
| 3814679.48 | 8.54812 (17030408)   |          |            |           |
| 394124.53  | 3814676.92           | 8.31825  | (19120524) | 394147.65 |
| 3814674.36 | 8.94635 (16010224)   |          |            |           |
| 394170.76  | 3814671.79           | 10.84414 | (16010224) | 394193.88 |
| 3814669.23 | 11.48295 (16010224)  |          |            |           |
| 394217.00  | 3814666.67           | 14.17810 | (16010224) | 394240.11 |
| 3814664.10 | 16.13034 (16010224)  |          |            |           |
| 394263.23  | 3814661.54           | 20.55134 | (17102724) | 394286.35 |
| 3814658.98 | 28.91781 (19020708)  |          |            |           |
| 394309.46  | 3814656.41           | 32.03165 | (19020708) | 394332.58 |
| 3814653.85 | 30.10232 (19020708)  |          |            |           |
| 394355.70  | 3814651.29           | 30.90340 | (17021124) | 394378.81 |
| 3814648.72 | 32.68956 (17021124)  |          |            |           |
| 394401.93  | 3814646.16           | 29.84711 | (17021124) | 394425.05 |
| 3814643.60 | 28.09040 (20031208)  |          |            |           |
| 394448.16  | 3814641.03           | 26.47783 | (16102924) | 394471.28 |
| 3814638.47 | 25.94096 (16102924)  |          |            |           |
| 394494.40  | 3814635.91           | 27.94455 | (16040124) | 394517.51 |
| 3814633.34 | 27.15559c (18022508) |          |            |           |
| 394540.63  | 3814630.78           | 23.86836 | (16010224) | 394563.75 |
| 3814628.22 | 28.29507 (16010224)  |          |            |           |
| 394586.86  | 3814625.65           | 29.38656 | (16010224) | 394609.98 |
| 3814623.09 | 31.31911 (17012524)  |          |            |           |
| 394633.10  | 3814620.53           | 33.24293 | (17012524) | 394656.21 |
| 3814617.96 | 33.16273 (16122608)  |          |            |           |
| 394679.33  | 3814615.40           | 32.19023 | (17121824) | 394702.45 |
| 3814612.84 | 32.71771 (17121824)  |          |            |           |
| 394725.56  | 3814610.27           | 28.47713 | (17121824) | 394748.68 |
| 3814607.71 | 26.89464 (16012124)  |          |            |           |
| 394771.80  | 3814605.15           | 32.12298 | (17122408) | 394794.91 |
| 3814602.58 | 33.07036 (17122408)  |          |            |           |
| 394818.03  | 3814600.02           | 29.18775 | (17122408) | 394841.15 |
| 3814597.46 | 32.55433 (18061208)  |          |            |           |
| 394864.26  | 3814594.89           | 32.16501 | (18061208) | 394887.38 |
| 3814592.33 | 30.33756 (20113008)  |          |            |           |
| 394910.50  | 3814589.77           | 27.40334 | (16010224) | 394933.61 |
| 3814587.21 | 32.12568 (16010224)  |          |            |           |
| 394956.73  | 3814584.64           | 32.42147 | (16010224) | 394979.85 |
| 3814582.08 | 28.76943 (16120408)  |          |            |           |
| 392832.45  | 3816020.46           | 3.00904  | (19121624) | 392831.66 |
| 3816043.94 | 3.12997 (19121624)   |          |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392830.87  | 3816067.41         | 3.19595 | (19121624) | 392830.09 |
| 3816090.88 | 3.21537 (19121624) |         |            |           |
| 392829.30  | 3816114.35         | 3.19350 | (19121624) | 392828.52 |
| 3816137.83 | 3.14066 (19121624) |         |            |           |
| 392827.73  | 3816161.30         | 3.07200 | (19121624) | 392826.95 |
| 3816184.77 | 3.00856 (19121624) |         |            |           |
| 392826.16  | 3816208.24         | 2.93336 | (19121624) | 392825.37 |
| 3816231.72 | 2.84106 (19121624) |         |            |           |
| 392824.59  | 3816255.19         | 2.95790 | (16121824) | 392823.80 |
| 3816278.66 | 3.15530 (16121824) |         |            |           |
| 392823.02  | 3816302.13         | 3.27063 | (16121824) | 392593.90 |
| 3815991.83 | 2.93503 (19121624) |         |            |           |
| 392605.21  | 3815971.57         | 2.82744 | (19121624) | 392616.52 |
| 3815951.30 | 2.68481 (19121624) |         |            |           |
| 392627.83  | 3815931.04         | 2.57832 | (18111116) | 392639.14 |
| 3815910.77 | 2.52968 (18111116) |         |            |           |
| 392650.46  | 3815890.51         | 2.43700 | (18111116) | 392661.77 |
| 3815870.24 | 2.29347 (18111116) |         |            |           |
| 392673.08  | 3815849.98         | 2.17841 | (20122316) | 392684.39 |
| 3815829.71 | 2.17526 (20122316) |         |            |           |
| 392695.70  | 3815809.44         | 2.13386 | (20122316) | 392707.01 |
| 3815789.18 | 2.09476 (19103008) |         |            |           |
| 392718.33  | 3815768.91         | 2.28439 | (19103008) | 392729.64 |
| 3815748.65 | 2.46378 (19103008) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1143

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 392740.95   | 3815728.38         | 2.61548    | (19103008) | 392752.26   |
| 3815708.12  | 2.73316 (19103008) |            |            |             |
| 392763.57   | 3815687.85         | 2.81370    | (19103008) | 392774.88   |
| 3815667.59  | 2.85422 (19103008) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392786.20  | 3815647.32         | 2.84665 | (19103008) | 392797.51 |
| 3815627.06 | 2.80263 (19103008) |         |            |           |
| 392808.82  | 3815606.79         | 2.74642 | (19103008) | 392820.13 |
| 3815586.52 | 2.79489 (19101016) |         |            |           |
| 392831.44  | 3815566.26         | 2.79347 | (19101016) | 392842.75 |
| 3815545.99 | 2.72473 (19101016) |         |            |           |
| 392854.07  | 3815525.73         | 2.61067 | (19101016) | 392865.38 |
| 3815505.46 | 2.45206 (19101016) |         |            |           |
| 392876.69  | 3815485.20         | 2.25626 | (19101016) | 392888.00 |
| 3815464.93 | 2.09624 (18030516) |         |            |           |
| 392899.31  | 3815444.67         | 2.03672 | (18030516) | 392910.62 |
| 3815424.40 | 1.96828 (19012216) |         |            |           |
| 392921.94  | 3815404.14         | 1.98991 | (19012216) | 392933.25 |
| 3815383.87 | 1.99364 (19101116) |         |            |           |
| 392944.56  | 3815363.61         | 1.97171 | (19101116) | 392955.87 |
| 3815343.34 | 1.89710 (19101116) |         |            |           |
| 392967.18  | 3815323.07         | 1.77879 | (19101116) | 392978.49 |
| 3815302.81 | 1.75333 (18032716) |         |            |           |
| 392989.81  | 3815282.54         | 1.77394 | (19121716) | 393001.12 |
| 3815262.28 | 2.02437 (19121716) |         |            |           |
| 393012.43  | 3815242.01         | 2.25985 | (19121716) | 393023.74 |
| 3815221.75 | 2.45899 (19121716) |         |            |           |
| 393035.05  | 3815201.48         | 2.61229 | (19121716) | 393046.36 |
| 3815181.22 | 2.70462 (19121716) |         |            |           |
| 393057.68  | 3815160.95         | 2.75164 | (19121716) | 393068.99 |
| 3815140.69 | 2.74296 (19121716) |         |            |           |
| 393080.30  | 3815120.42         | 2.67936 | (19121716) | 393091.61 |
| 3815100.15 | 2.55639 (19121716) |         |            |           |
| 393102.92  | 3815079.89         | 2.38916 | (19121716) | 393114.23 |
| 3815059.62 | 2.24313 (20020416) |         |            |           |
| 393125.55  | 3815039.36         | 2.17427 | (20020416) | 393136.86 |
| 3815019.09 | 2.07802 (20020416) |         |            |           |
| 393148.17  | 3814998.83         | 1.95666 | (20020416) | 393159.48 |
| 3814978.56 | 1.81230 (20020416) |         |            |           |
| 393170.79  | 3814958.30         | 1.65360 | (20020416) | 393182.10 |
| 3814938.03 | 1.48945 (16120216) |         |            |           |
| 393193.42  | 3814917.77         | 1.63746 | (16120216) | 393204.73 |
| 3814897.50 | 1.77362 (16120216) |         |            |           |
| 393216.04  | 3814877.23         | 1.90784 | (16120216) | 393227.35 |
| 3814856.97 | 2.03749 (16120216) |         |            |           |
| 393238.66  | 3814836.70         | 2.12954 | (16120216) | 393249.97 |
| 3814816.44 | 2.22226 (16120216) |         |            |           |
| 393261.29  | 3814796.17         | 2.28042 | (16120216) | 393272.60 |
| 3814775.91 | 2.29970 (16120216) |         |            |           |
| 393283.91  | 3814755.64         | 2.23473 | (16120216) | 393295.22 |
| 3814735.38 | 2.06739 (16120216) |         |            |           |
| 393306.53  | 3814715.11         | 1.88377 | (16120216) | 393317.84 |
| 3814694.85 | 1.85624 (20060816) |         |            |           |
| 393329.16  | 3814674.58         | 1.84250 | (20060816) | 393340.47 |
| 3814654.32 | 1.77935 (20060816) |         |            |           |

|                                                                                                                                                                                |            |            |            |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|-----------|
| 393351.78                                                                                                                                                                      | 3814634.05 | 1.71487    | (20060816) | 393363.09 |
| 3814613.78                                                                                                                                                                     | 1.69260    | (20060816) |            |           |
| 393374.40                                                                                                                                                                      | 3814593.52 | 1.65622    | (20060816) | 393385.71 |
| 3814573.25                                                                                                                                                                     | 1.71926    | (19051016) |            |           |
| 393397.03                                                                                                                                                                      | 3814552.99 | 1.82624    | (19051016) | 393431.40 |
| 3814530.16                                                                                                                                                                     | 2.01317    | (19051016) |            |           |
| 393454.47                                                                                                                                                                      | 3814527.61 | 2.08357    | (19051016) | 393477.54 |
| 3814525.05                                                                                                                                                                     | 2.09676    | (19051016) |            |           |
| 393500.61                                                                                                                                                                      | 3814522.49 | 2.08419    | (19051016) | 393523.67 |
| 3814519.93                                                                                                                                                                     | 2.05537    | (19051016) |            |           |
| 393546.74                                                                                                                                                                      | 3814517.38 | 2.01389    | (19051016) | 393569.81 |
| 3814514.82                                                                                                                                                                     | 1.93992    | (19051016) |            |           |
| 393592.88                                                                                                                                                                      | 3814512.26 | 1.85957    | (19051016) | 393615.94 |
| 3814509.70                                                                                                                                                                     | 1.75232    | (19051016) |            |           |
| 393639.01                                                                                                                                                                      | 3814507.14 | 1.62232    | (19051016) | 393662.08 |
| 3814504.59                                                                                                                                                                     | 1.59310    | (20021016) |            |           |
| 393685.14                                                                                                                                                                      | 3814502.03 | 1.60910    | (20021016) | 393708.21 |
| 3814499.47                                                                                                                                                                     | 1.61775    | (19092416) |            |           |
| 393731.28                                                                                                                                                                      | 3814496.91 | 1.71239    | (19092416) | 393754.35 |
| 3814494.36                                                                                                                                                                     | 1.81240    | (19092416) |            |           |
| 393777.41                                                                                                                                                                      | 3814491.80 | 1.90425    | (19092416) | 393800.48 |
| 3814489.24                                                                                                                                                                     | 1.99958    | (19092416) |            |           |
| 393823.55                                                                                                                                                                      | 3814486.68 | 2.08247    | (19092416) | 393846.62 |
| 3814484.12                                                                                                                                                                     | 2.15533    | (19092416) |            |           |
| 393869.68                                                                                                                                                                      | 3814481.57 | 2.22349    | (20122324) | 393892.75 |
| 3814479.01                                                                                                                                                                     | 2.56332    | (20122324) |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume<br>Study *** 02/10/26<br>*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study<br>*** 17:54:19 |            |            |            |           |

PAGE 1144

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393915.82   | 3814476.45  | 2.86977    | (20122324) | 393938.88   |
| 3814473.89  | 3.10701     | (20122324) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393961.95  | 3814471.33 | 3.31139    | (20122324) | 393985.02 |
| 3814468.78 | 3.50615    | (20122324) |            |           |
| 394008.09  | 3814466.22 | 3.57546    | (20122324) | 394031.15 |
| 3814463.66 | 3.86084    | (19120524) |            |           |
| 394054.22  | 3814461.10 | 4.64634    | (19120524) | 394077.29 |
| 3814458.55 | 5.37834    | (19120524) |            |           |
| 394100.36  | 3814455.99 | 7.09779    | (16010224) | 394123.42 |
| 3814453.43 | 9.17071    | (16010224) |            |           |
| 394146.49  | 3814450.87 | 10.77226   | (16010224) | 394169.56 |
| 3814448.31 | 10.59192   | (16010224) |            |           |
| 394192.62  | 3814445.76 | 9.56586    | (18012424) | 394215.69 |
| 3814443.20 | 7.25316    | (18012424) |            |           |
| 394238.76  | 3814440.64 | 6.20871    | (20041424) | 394261.83 |
| 3814438.08 | 6.12863    | (20041424) |            |           |
| 394284.89  | 3814435.53 | 6.16178    | (20041424) | 394307.96 |
| 3814432.97 | 6.31464    | (20041424) |            |           |
| 394331.03  | 3814430.41 | 6.60702    | (20041424) | 394354.10 |
| 3814427.85 | 7.98379    | (19013024) |            |           |
| 394377.16  | 3814425.29 | 10.00750   | (19011624) | 394400.23 |
| 3814422.74 | 11.48486   | (19011624) |            |           |
| 394423.30  | 3814420.18 | 16.37259c  | (18022508) | 394446.36 |
| 3814417.62 | 20.96781c  | (18022508) |            |           |
| 394469.43  | 3814415.06 | 21.63194c  | (18022508) | 394492.50 |
| 3814412.51 | 17.22876c  | (18022508) |            |           |
| 394515.57  | 3814409.95 | 16.33445   | (16010224) | 394538.63 |
| 3814407.39 | 18.33159   | (16010224) |            |           |
| 394561.70  | 3814404.83 | 18.81010   | (18091508) | 394584.77 |
| 3814402.27 | 22.39832   | (17012524) |            |           |
| 394607.84  | 3814399.72 | 27.50967   | (16122608) | 394630.90 |
| 3814397.16 | 28.83665   | (16122608) |            |           |
| 394653.97  | 3814394.60 | 28.29596   | (17121824) | 394677.04 |
| 3814392.04 | 29.00946   | (17121824) |            |           |
| 394700.10  | 3814389.48 | 26.23184   | (17121824) | 394723.17 |
| 3814386.93 | 22.91070   | (16012124) |            |           |
| 394746.24  | 3814384.37 | 26.41952   | (17122408) | 394769.31 |
| 3814381.81 | 29.16963   | (17122408) |            |           |
| 394792.37  | 3814379.25 | 28.42358   | (17122408) | 394815.44 |
| 3814376.70 | 25.94398   | (18061208) |            |           |
| 394838.51  | 3814374.14 | 28.85366   | (18061208) | 394861.58 |
| 3814371.58 | 28.38143   | (18061208) |            |           |
| 394884.64  | 3814369.02 | 26.71228   | (20113008) | 394907.71 |
| 3814366.46 | 24.86213   | (20113008) |            |           |
| 394930.78  | 3814363.91 | 27.17696   | (16010224) | 394953.84 |
| 3814361.35 | 28.95425   | (16010224) |            |           |
| 394976.91  | 3814358.79 | 27.34101   | (16010224) | 394999.98 |
| 3814356.23 | 26.70529   | (16120408) |            |           |
| 395023.05  | 3814353.68 | 28.89591   | (16120408) | 395046.11 |
| 3814351.12 | 27.77795   | (16120408) |            |           |
| 395069.18  | 3814348.56 | 24.34291c  | (17011624) | 392582.59 |
| 3816012.10 | 3.00751    | (19121624) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392581.80  | 3816035.57 | 3.05420    | (19121624) | 392581.01 |
| 3816059.04 | 3.06682    | (19121624) |            |           |
| 392580.23  | 3816082.52 | 3.05151    | (19121624) | 392579.44 |
| 3816105.99 | 3.01646    | (19121624) |            |           |
| 392578.66  | 3816129.46 | 2.96821    | (19121624) | 392577.87 |
| 3816152.93 | 2.91417    | (19121624) |            |           |
| 392577.09  | 3816176.41 | 2.85924    | (19121624) | 392576.30 |
| 3816199.88 | 2.80457    | (19121624) |            |           |
| 392575.51  | 3816223.35 | 2.99042    | (16121824) | 392574.73 |
| 3816246.82 | 3.24013    | (16121824) |            |           |
| 392573.94  | 3816270.30 | 3.42681    | (16121824) | 392573.16 |
| 3816293.77 | 3.53702    | (16121824) |            |           |
| 392094.27  | 3815974.94 | 3.65076    | (19121624) | 392105.67 |
| 3815954.52 | 3.59717    | (19121624) |            |           |
| 392117.07  | 3815934.09 | 3.52256    | (19121624) | 392128.47 |
| 3815913.66 | 3.41983    | (19121624) |            |           |
| 392139.87  | 3815893.24 | 3.29068    | (19121624) | 392151.27 |
| 3815872.81 | 3.12795    | (19121624) |            |           |
| 392162.68  | 3815852.39 | 2.94158    | (19121624) | 392174.08 |
| 3815831.96 | 2.73058    | (19121624) |            |           |
| 392185.48  | 3815811.53 | 2.50452    | (19121624) | 392196.88 |
| 3815791.11 | 2.34128    | (18111116) |            |           |
| 392208.28  | 3815770.68 | 2.22739    | (18111116) | 392219.68 |
| 3815750.25 | 2.09169    | (18111116) |            |           |
| 392231.08  | 3815729.83 | 2.05352    | (20122316) | 392242.49 |
| 3815709.40 | 2.03202    | (20122316) |            |           |
| 392253.89  | 3815688.98 | 1.98633    | (20122316) | 392265.29 |
| 3815668.55 | 1.90553    | (20122316) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1145

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392276.69  | 3815648.12         | 2.02615 | (19103008) | 392288.09 |
| 3815627.70 | 2.13756 (19103008) |         |            |           |
| 392299.49  | 3815607.27         | 2.23577 | (19103008) | 392310.89 |
| 3815586.85 | 2.31970 (19103008) |         |            |           |
| 392322.30  | 3815566.42         | 2.37663 | (19103008) | 392333.70 |
| 3815545.99 | 2.42914 (19103008) |         |            |           |
| 392345.10  | 3815525.57         | 2.46714 | (19103008) | 392356.50 |
| 3815505.14 | 2.45970 (19103008) |         |            |           |
| 392367.90  | 3815484.71         | 2.40662 | (19103008) | 392379.30 |
| 3815464.29 | 2.33311 (19103008) |         |            |           |
| 392390.70  | 3815443.86         | 2.26400 | (19103008) | 392402.10 |
| 3815423.44 | 2.21501 (19101016) |         |            |           |
| 392413.51  | 3815403.01         | 2.21937 | (19101016) | 392424.91 |
| 3815382.58 | 2.20570 (19101016) |         |            |           |
| 392436.31  | 3815362.16         | 2.16087 | (19101016) | 392447.71 |
| 3815341.73 | 2.08442 (19101016) |         |            |           |
| 392459.11  | 3815321.31         | 1.97928 | (19101016) | 392470.51 |
| 3815300.88 | 1.84824 (19101016) |         |            |           |
| 392481.91  | 3815280.45         | 1.74249 | (18030516) | 392493.32 |
| 3815260.03 | 1.71403 (18030516) |         |            |           |
| 392504.72  | 3815239.60         | 1.66598 | (18030516) | 392516.12 |
| 3815219.17 | 1.69233 (19012216) |         |            |           |
| 392527.52  | 3815198.75         | 1.70944 | (19012216) | 392538.92 |
| 3815178.32 | 1.70219 (19012216) |         |            |           |
| 392550.32  | 3815157.90         | 1.66815 | (19012216) | 392561.72 |
| 3815137.47 | 1.61029 (19012216) |         |            |           |
| 392573.13  | 3815117.04         | 1.53262 | (19012216) | 392584.53 |
| 3815096.62 | 1.43809 (19012216) |         |            |           |
| 392595.93  | 3815076.19         | 1.40689 | (18032716) | 392607.33 |
| 3815055.76 | 1.42714 (19121716) |         |            |           |
| 392618.73  | 3815035.34         | 1.60416 | (19121716) | 392630.13 |
| 3815014.91 | 1.77100 (19121716) |         |            |           |
| 392641.53  | 3814994.49         | 1.92122 | (19121716) | 392652.94 |
| 3814974.06 | 2.04519 (19121716) |         |            |           |
| 392664.34  | 3814953.63         | 2.13395 | (19121716) | 392675.74 |
| 3814933.21 | 2.19320 (19121716) |         |            |           |
| 392687.14  | 3814912.78         | 2.24098 | (19121716) | 392698.54 |
| 3814892.36 | 2.25458 (19121716) |         |            |           |
| 392709.94  | 3814871.93         | 2.23526 | (19121716) | 392721.34 |
| 3814851.50 | 2.19991 (19121716) |         |            |           |
| 392732.75  | 3814831.08         | 2.15153 | (19121716) | 392744.15 |
| 3814810.65 | 2.07317 (19121716) |         |            |           |
| 392755.55  | 3814790.22         | 1.94092 | (19121716) | 392766.95 |
| 3814769.80 | 1.90758 (20020416) |         |            |           |
| 392778.35  | 3814749.37         | 1.86596 | (20020416) | 392789.75 |
| 3814728.95 | 1.79628 (20020416) |         |            |           |
| 392801.15  | 3814708.52         | 1.71623 | (20020416) | 392812.55 |
| 3814688.09 | 1.62241 (20020416) |         |            |           |
| 392823.96  | 3814667.67         | 1.51396 | (20020416) | 392835.36 |
| 3814647.24 | 1.40047 (20020416) |         |            |           |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392846.76  | 3814626.82          | 1.41419  | (16120216) | 392858.16 |
| 3814606.39 | 1.54655 (16120216)  |          |            |           |
| 392869.56  | 3814585.96          | 1.67489  | (16120216) | 392880.96 |
| 3814565.54 | 1.79579 (16120216)  |          |            |           |
| 392892.36  | 3814545.11          | 1.89145  | (16120216) | 392903.77 |
| 3814524.68 | 1.96700 (16120216)  |          |            |           |
| 392915.17  | 3814504.26          | 2.01539  | (16120216) | 392926.57 |
| 3814483.83 | 2.03803 (16120216)  |          |            |           |
| 392937.97  | 3814463.41          | 2.02957  | (16120216) | 392949.37 |
| 3814442.98 | 2.01103 (16120216)  |          |            |           |
| 392960.77  | 3814422.55          | 1.96454  | (16120216) | 392972.17 |
| 3814402.13 | 1.96521 (19011508)  |          |            |           |
| 392983.58  | 3814381.70          | 2.15939  | (19011508) | 392994.98 |
| 3814361.28 | 2.21855 (19011508)  |          |            |           |
| 393006.38  | 3814340.85          | 2.27618  | (17092524) | 393017.78 |
| 3814320.42 | 2.63572 (17092524)  |          |            |           |
| 393029.18  | 3814300.00          | 2.98343  | (17092524) | 393040.58 |
| 3814279.57 | 3.27091 (17092524)  |          |            |           |
| 393051.98  | 3814259.14          | 3.53571  | (17092524) | 393063.39 |
| 3814238.72 | 3.80555 (17092524)  |          |            |           |
| 393074.79  | 3814218.29          | 4.11580  | (17092524) | 393086.19 |
| 3814197.87 | 4.91522 (17122508)  |          |            |           |
| 393097.59  | 3814177.44          | 7.65936  | (16110424) | 393108.99 |
| 3814157.01 | 10.82329 (16110424) |          |            |           |
| 393120.39  | 3814136.59          | 12.52658 | (16110424) | 393155.04 |
| 3814113.58 | 20.92898 (16122124) |          |            |           |
| 393178.29  | 3814111.00          | 22.72573 | (16122124) | 393201.54 |
| 3814108.43 | 23.65314 (16122124) |          |            |           |
| 393224.79  | 3814105.85          | 23.57891 | (16122124) | 393248.04 |
| 3814103.27 | 22.51109 (16122124) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1146

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393271.30  | 3814100.69           | 20.59898  | (16122124) | 393294.55 |
| 3814098.11 | 17.07606 (16122124)  |           |            |           |
| 393317.80  | 3814095.54           | 13.92520  | (17021608) | 393341.05 |
| 3814092.96 | 12.42462 (17021608)  |           |            |           |
| 393364.30  | 3814090.38           | 10.09411  | (19120524) | 393387.55 |
| 3814087.80 | 8.01705 (16011708)   |           |            |           |
| 393410.80  | 3814085.22           | 7.71365   | (16011708) | 393434.05 |
| 3814082.65 | 6.51792 (16011708)   |           |            |           |
| 393457.30  | 3814080.07           | 4.70826   | (16011708) | 393480.55 |
| 3814077.49 | 2.90412 (16011708)   |           |            |           |
| 393503.80  | 3814074.91           | 2.28512   | (18120708) | 393527.05 |
| 3814072.33 | 1.75651 (18120708)   |           |            |           |
| 393550.30  | 3814069.76           | 1.40783   | (19092416) | 393573.55 |
| 3814067.18 | 1.40028 (19092416)   |           |            |           |
| 393596.80  | 3814064.60           | 1.42328   | (19092416) | 393620.05 |
| 3814062.02 | 1.44762 (19092416)   |           |            |           |
| 393643.30  | 3814059.44           | 1.48371   | (19092416) | 393666.55 |
| 3814056.86 | 1.52182 (19092416)   |           |            |           |
| 393689.80  | 3814054.29           | 1.70519   | (20122324) | 393713.05 |
| 3814051.71 | 1.89853 (20122324)   |           |            |           |
| 393736.30  | 3814049.13           | 2.05011   | (20122324) | 393759.55 |
| 3814046.55 | 2.16070 (20122324)   |           |            |           |
| 393782.80  | 3814043.97           | 2.21924   | (20122324) | 393806.05 |
| 3814041.40 | 2.23272 (20122324)   |           |            |           |
| 393829.30  | 3814038.82           | 2.22088   | (20122324) | 393852.55 |
| 3814036.24 | 2.17934 (20122324)   |           |            |           |
| 393875.80  | 3814033.66           | 2.10429   | (19120524) | 393899.05 |
| 3814031.08 | 2.26702 (19120524)   |           |            |           |
| 393922.30  | 3814028.51           | 2.33481   | (19120524) | 393945.55 |
| 3814025.93 | 2.37530 (19011924)   |           |            |           |
| 393968.80  | 3814023.35           | 2.44420   | (19011924) | 393992.05 |
| 3814020.77 | 2.39871 (20013024)   |           |            |           |
| 394015.30  | 3814018.19           | 2.47791   | (20013024) | 394038.55 |
| 3814015.61 | 2.51913 (20013024)   |           |            |           |
| 394061.80  | 3814013.04           | 2.53489   | (20041424) | 394085.05 |
| 3814010.46 | 2.87068 (20041424)   |           |            |           |
| 394108.30  | 3814007.88           | 3.23210   | (20041424) | 394131.55 |
| 3814005.30 | 3.59048 (20041424)   |           |            |           |
| 394154.80  | 3814002.72           | 4.09574   | (20041424) | 394178.05 |
| 3814000.15 | 4.55275 (20041424)   |           |            |           |
| 394201.30  | 3813997.57           | 4.93001   | (20041424) | 394224.55 |
| 3813994.99 | 5.92691 (19013024)   |           |            |           |
| 394247.81  | 3813992.41           | 7.83329   | (20031208) | 394271.06 |
| 3813989.83 | 9.64684 (19011624)   |           |            |           |
| 394294.31  | 3813987.26           | 11.91813  | (16102924) | 394317.56 |
| 3813984.68 | 12.99809 (16102924)  |           |            |           |
| 394340.81  | 3813982.10           | 13.02728c | (18022508) | 394364.06 |
| 3813979.52 | 11.36784c (18022508) |           |            |           |



|            |                      |                      |           |
|------------|----------------------|----------------------|-----------|
| 394387.31  | 3813976.94           | 11.80587c (18022508) | 394410.56 |
| 3813974.37 | 10.90713c (18022508) |                      |           |
| 394433.81  | 3813971.79           | 9.82820 (16010224)   | 394457.06 |
| 3813969.21 | 9.53395 (16010224)   |                      |           |
| 394480.31  | 3813966.63           | 9.16093 (16010224)   | 394503.56 |
| 3813964.05 | 10.95440 (16122608)  |                      |           |
| 394526.81  | 3813961.47           | 15.01407 (16122608)  | 394550.06 |
| 3813958.90 | 19.46711 (16122608)  |                      |           |
| 394573.31  | 3813956.32           | 22.37046 (16122608)  | 394596.56 |
| 3813953.74 | 21.77122 (16122608)  |                      |           |
| 394619.81  | 3813951.16           | 23.28367 (17121824)  | 394643.06 |
| 3813948.58 | 22.59215 (17121824)  |                      |           |
| 394666.31  | 3813946.01           | 20.04322 (17121824)  | 394689.56 |
| 3813943.43 | 18.21292 (16012124)  |                      |           |
| 394712.81  | 3813940.85           | 20.51862 (17122408)  | 394736.06 |
| 3813938.27 | 22.86969 (17122408)  |                      |           |
| 394759.31  | 3813935.69           | 23.31448 (17122408)  | 394782.56 |
| 3813933.12 | 21.74510 (17122408)  |                      |           |
| 394805.81  | 3813930.54           | 21.27388 (18061208)  | 394829.06 |
| 3813927.96 | 23.08031 (18061208)  |                      |           |
| 394852.31  | 3813925.38           | 22.94108 (18061208)  | 394875.56 |
| 3813922.80 | 21.16739 (20113008)  |                      |           |
| 394898.81  | 3813920.22           | 20.80521 (20113008)  | 394922.06 |
| 3813917.65 | 19.22426 (16010224)  |                      |           |
| 394945.31  | 3813915.07           | 22.00690 (16010224)  | 394968.56 |
| 3813912.49 | 23.09911 (16010224)  |                      |           |
| 394991.81  | 3813909.91           | 22.24493 (16010224)  | 395015.06 |
| 3813907.33 | 19.92200 (16120408)  |                      |           |
| 395038.31  | 3813904.76           | 22.35310 (16120408)  | 395061.56 |
| 3813902.18 | 23.03961 (16120408)  |                      |           |
| 395084.81  | 3813899.60           | 21.83115 (16120408)  | 395108.06 |
| 3813897.02 | 19.14307c (17011624) |                      |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1147

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 395131.31   | 3813894.44          | 18.02391c  | (17011624) | 395154.56   |
| 3813891.87  | 16.91891 (20031108) |            |            |             |
| 395177.81   | 3813889.29          | 17.25551   | (17031708) | 395201.06   |
| 3813886.71  | 18.82374 (16022408) |            |            |             |
| 395224.31   | 3813884.13          | 21.50922   | (16022408) | 392082.87   |
| 3815995.37  | 3.68311 (20102624)  |            |            |             |
| 392082.08   | 3816018.84          | 4.53467    | (20102624) | 392081.29   |
| 3816042.31  | 5.54398 (20102624)  |            |            |             |
| 392080.51   | 3816065.79          | 6.53378    | (16012224) | 392079.72   |
| 3816089.26  | 9.30292 (16012224)  |            |            |             |
| 392078.94   | 3816112.73          | 12.80530   | (17122424) | 392078.15   |
| 3816136.20  | 17.02469 (20122524) |            |            |             |
| 392077.37   | 3816159.68          | 18.69936   | (20122524) | 392076.58   |
| 3816183.15  | 18.47838 (20122524) |            |            |             |
| 392075.79   | 3816206.62          | 19.38893   | (16060408) | 392075.01   |
| 3816230.09  | 19.58198 (16060408) |            |            |             |
| 392074.22   | 3816253.57          | 19.33111   | (17122724) | 392073.44   |
| 3816277.04  | 19.65145 (17122724) |            |            |             |
| 391594.50   | 3815958.29          | 2.77571    | (19121624) | 391605.86   |
| 3815937.94  | 2.82990 (19121624)  |            |            |             |
| 391617.22   | 3815917.59          | 2.85576    | (19121624) | 391628.58   |
| 3815897.24  | 2.86386 (19121624)  |            |            |             |
| 391639.94   | 3815876.90          | 2.86681    | (19121624) | 391651.29   |
| 3815856.55  | 2.86213 (19121624)  |            |            |             |
| 391662.65   | 3815836.20          | 2.84860    | (19121624) | 391674.01   |
| 3815815.85  | 2.82955 (19121624)  |            |            |             |
| 391685.37   | 3815795.50          | 2.81678    | (19121624) | 391696.73   |
| 3815775.15  | 2.79499 (19121624)  |            |            |             |
| 391708.08   | 3815754.80          | 2.77952    | (19121624) | 391719.44   |
| 3815734.46  | 2.83275 (19111624)  |            |            |             |
| 391730.80   | 3815714.11          | 3.05025    | (19111624) | 391742.16   |
| 3815693.76  | 3.13035 (19012208)  |            |            |             |
| 391753.52   | 3815673.41          | 3.26477    | (19012208) | 391764.87   |
| 3815653.06  | 3.22157 (19012208)  |            |            |             |
| 391776.23   | 3815632.71          | 3.05145    | (19012208) | 391787.59   |
| 3815612.36  | 2.86856 (19012208)  |            |            |             |
| 391798.95   | 3815592.02          | 2.68714    | (19012208) | 391810.31   |
| 3815571.67  | 2.47018 (19012208)  |            |            |             |
| 391821.67   | 3815551.32          | 2.39046    | (19101108) | 391833.02   |
| 3815530.97  | 2.40747 (18012724)  |            |            |             |
| 391844.38   | 3815510.62          | 2.50491    | (18012724) | 391855.74   |
| 3815490.27  | 2.62161 (18012724)  |            |            |             |
| 391867.10   | 3815469.92          | 2.82773    | (18012724) | 391878.46   |
| 3815449.58  | 2.94797 (18012724)  |            |            |             |
| 391889.81   | 3815429.23          | 2.99999    | (18012724) | 391901.17   |
| 3815408.88  | 3.02894 (18012724)  |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391912.53  | 3815388.53         | 2.86020 | (18012724) | 391923.89 |
| 3815368.18 | 2.76722 (19103008) |         |            |           |
| 391935.25  | 3815347.83         | 2.71298 | (19103008) | 391946.60 |
| 3815327.48 | 2.64828 (19103008) |         |            |           |
| 391957.96  | 3815307.14         | 2.58218 | (19103008) | 391969.32 |
| 3815286.79 | 2.53519 (19103008) |         |            |           |
| 391980.68  | 3815266.44         | 2.47622 | (19103008) | 391992.04 |
| 3815246.09 | 2.39188 (19103008) |         |            |           |
| 392003.39  | 3815225.74         | 2.36940 | (19101016) | 392014.75 |
| 3815205.39 | 2.31619 (19101016) |         |            |           |
| 392026.11  | 3815185.04         | 2.22396 | (19101016) | 392037.47 |
| 3815164.70 | 2.07202 (19101016) |         |            |           |
| 392048.83  | 3815144.35         | 1.91523 | (19101016) | 392060.18 |
| 3815124.00 | 1.74725 (19101016) |         |            |           |
| 392071.54  | 3815103.65         | 1.59530 | (19101016) | 392082.90 |
| 3815083.30 | 1.52972 (18030516) |         |            |           |
| 392094.26  | 3815062.95         | 1.44938 | (18030516) | 392105.62 |
| 3815042.60 | 1.40841 (19012216) |         |            |           |
| 392116.98  | 3815022.26         | 1.43869 | (19012216) | 392128.33 |
| 3815001.91 | 1.45787 (19012216) |         |            |           |
| 392139.69  | 3814981.56         | 1.46016 | (19012216) | 392151.05 |
| 3814961.21 | 1.44743 (19012216) |         |            |           |
| 392162.41  | 3814940.86         | 1.41811 | (19012216) | 392173.77 |
| 3814920.51 | 1.37030 (19012216) |         |            |           |
| 392185.12  | 3814900.16         | 1.30912 | (19012216) | 392196.48 |
| 3814879.82 | 1.23698 (19012216) |         |            |           |
| 392207.84  | 3814859.47         | 1.15662 | (18032716) | 392219.20 |
| 3814839.12 | 1.14563 (18032716) |         |            |           |
| 392230.56  | 3814818.77         | 1.22873 | (19121716) | 392241.91 |
| 3814798.42 | 1.35065 (19121716) |         |            |           |
| 392253.27  | 3814778.07         | 1.46828 | (19121716) | 392264.63 |
| 3814757.72 | 1.58002 (19121716) |         |            |           |
| 392275.99  | 3814737.38         | 1.67487 | (19121716) | 392287.35 |
| 3814717.03 | 1.74980 (19121716) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1148

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------------------------------|--------------------|-------------|
| 392298.70                  | 3814696.68                        | 1.80316 (19121716) | 392310.06   |
| 3814676.33                 | 1.84479 (19121716)                |                    |             |
| 392321.42                  | 3814655.98                        | 1.88678 (19121716) | 392332.78   |
| 3814635.63                 | 1.95075 (19121716)                |                    |             |
| 392344.14                  | 3814615.28                        | 1.96099 (19121716) | 392355.49   |
| 3814594.94                 | 1.92727 (19121716)                |                    |             |
| 392366.85                  | 3814574.59                        | 1.87371 (19121716) | 392378.21   |
| 3814554.24                 | 1.80489 (19121716)                |                    |             |
| 392389.57                  | 3814533.89                        | 1.71870 (19121716) | 392400.93   |
| 3814513.54                 | 1.61910 (20020416)                |                    |             |
| 392412.29                  | 3814493.19                        | 1.59041 (20020416) | 392423.64   |
| 3814472.84                 | 1.54932 (20020416)                |                    |             |
| 392435.00                  | 3814452.50                        | 1.50294 (20020416) | 392446.36   |
| 3814432.15                 | 1.44613 (20020416)                |                    |             |
| 392457.72                  | 3814411.80                        | 1.37871 (20020416) | 392469.08   |
| 3814391.45                 | 1.30559 (20020416)                |                    |             |
| 392480.43                  | 3814371.10                        | 1.22708 (20020416) | 392491.79   |
| 3814350.75                 | 1.14456 (20020416)                |                    |             |
| 392503.15                  | 3814330.40                        | 1.15811 (18112616) | 392514.51   |
| 3814310.06                 | 1.20823 (16120216)                |                    |             |
| 392525.87                  | 3814289.71                        | 1.29365 (16120216) | 392537.22   |
| 3814269.36                 | 1.37551 (16120216)                |                    |             |
| 392548.58                  | 3814249.01                        | 1.44854 (16120216) | 392559.94   |
| 3814228.66                 | 1.51218 (16120216)                |                    |             |
| 392571.30                  | 3814208.31                        | 1.56348 (16120216) | 392582.66   |
| 3814187.97                 | 1.60086 (16120216)                |                    |             |
| 392594.01                  | 3814167.62                        | 1.62381 (16120216) | 392605.37   |
| 3814147.27                 | 1.62905 (16120216)                |                    |             |
| 392616.73                  | 3814126.92                        | 1.61412 (16120216) | 392628.09   |
| 3814106.57                 | 1.58044 (16120216)                |                    |             |
| 392639.45                  | 3814086.22                        | 1.53515 (16120216) | 392650.80   |
| 3814065.87                 | 1.47400 (16120216)                |                    |             |
| 392662.16                  | 3814045.53                        | 1.51853 (19011508) | 392673.52   |
| 3814025.18                 | 1.53989 (19011508)                |                    |             |
| 392684.88                  | 3814004.83                        | 1.55330 (17092524) | 392696.24   |
| 3813984.48                 | 1.76677 (17092524)                |                    |             |
| 392707.59                  | 3813964.13                        | 1.97749 (17092524) | 392718.95   |
| 3813943.78                 | 2.18374 (17092524)                |                    |             |
| 392730.31                  | 3813923.43                        | 2.37832 (17092524) | 392741.67   |
| 3813903.09                 | 2.52992 (17092524)                |                    |             |
| 392753.03                  | 3813882.74                        | 2.67100 (17092524) | 392764.39   |
| 3813862.39                 | 2.80527 (17092524)                |                    |             |
| 392775.74                  | 3813842.04                        | 2.95868 (17092524) | 392787.10   |
| 3813821.69                 | 3.08507 (17012824)                |                    |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392798.46  | 3813801.34          | 3.33400  | (17012824) | 392809.82 |
| 3813780.99 | 3.43103 (16122124)  |          |            |           |
| 392821.18  | 3813760.65          | 4.06500  | (16122124) | 392832.53 |
| 3813740.30 | 5.00492 (16122124)  |          |            |           |
| 392843.89  | 3813719.95          | 6.15609  | (16122124) | 392878.41 |
| 3813697.03 | 8.17115 (16122124)  |          |            |           |
| 392901.57  | 3813694.46          | 8.34191  | (16122124) | 392924.74 |
| 3813691.89 | 7.94913 (16122124)  |          |            |           |
| 392947.90  | 3813689.33          | 7.71128  | (16122124) | 392971.06 |
| 3813686.76 | 7.77933 (16122124)  |          |            |           |
| 392994.22  | 3813684.19          | 7.83364  | (16122124) | 393017.38 |
| 3813681.62 | 7.59996 (16122124)  |          |            |           |
| 393040.55  | 3813679.05          | 6.96846  | (16122124) | 393063.71 |
| 3813676.48 | 6.85974 (19120524)  |          |            |           |
| 393086.87  | 3813673.92          | 7.00763  | (19120524) | 393110.03 |
| 3813671.35 | 6.93759 (19120524)  |          |            |           |
| 393133.19  | 3813668.78          | 9.05900  | (16011708) | 393156.35 |
| 3813666.21 | 12.10373 (16011708) |          |            |           |
| 393179.52  | 3813663.64          | 14.78396 | (16011708) | 393202.68 |
| 3813661.07 | 16.63753 (16011708) |          |            |           |
| 393225.84  | 3813658.51          | 17.15917 | (16011708) | 393249.00 |
| 3813655.94 | 15.85239 (16011708) |          |            |           |
| 393272.16  | 3813653.37          | 13.17384 | (16011708) | 393295.33 |
| 3813650.80 | 10.25379 (16011708) |          |            |           |
| 393318.49  | 3813648.23          | 7.78227  | (16011708) | 393341.65 |
| 3813645.66 | 6.03268 (16011708)  |          |            |           |
| 393364.81  | 3813643.10          | 4.40100  | (16011708) | 393387.97 |
| 3813640.53 | 3.25265 (16112024)  |          |            |           |
| 393411.14  | 3813637.96          | 3.29712  | (16112024) | 393434.30 |
| 3813635.39 | 3.31784 (20021208)  |          |            |           |
| 393457.46  | 3813632.82          | 3.37101  | (16113024) | 393480.62 |
| 3813630.26 | 3.10680 (16113024)  |          |            |           |
| 393503.78  | 3813627.69          | 2.59057  | (16113024) | 393526.94 |
| 3813625.12 | 2.51883 (20122324)  |          |            |           |
| 393550.11  | 3813622.55          | 2.43366  | (20122324) | 393573.27 |
| 3813619.98 | 2.34767 (20122324)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1149

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |                      | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC | (YYMMDDHH) | X-COORD (M) |
|----------------------------|----------------------|---------------------|------------|------|------------|-------------|
| -----                      |                      |                     |            |      |            |             |
| 393596.43                  | 3813617.41           | 2.25868             | (20122324) |      |            | 393619.59   |
| 3813614.85                 | 2.17248 (20122324)   |                     |            |      |            |             |
| 393642.75                  | 3813612.28           | 1.97896             | (20122324) |      |            | 393665.92   |
| 3813609.71                 | 1.75972 (20122324)   |                     |            |      |            |             |
| 393689.08                  | 3813607.14           | 1.56714             | (20122324) |      |            | 393712.24   |
| 3813604.57                 | 1.44091 (20122324)   |                     |            |      |            |             |
| 393735.40                  | 3813602.00           | 1.36538             | (19120524) |      |            | 393758.56   |
| 3813599.44                 | 1.35274 (19120524)   |                     |            |      |            |             |
| 393781.73                  | 3813596.87           | 1.36772             | (19011924) |      |            | 393804.89   |
| 3813594.30                 | 1.36958 (19011924)   |                     |            |      |            |             |
| 393828.05                  | 3813591.73           | 1.37850             | (19011924) |      |            | 393851.21   |
| 3813589.16                 | 1.52892 (20013024)   |                     |            |      |            |             |
| 393874.37                  | 3813586.59           | 1.65314             | (20013024) |      |            | 393897.54   |
| 3813584.03                 | 1.81072 (20013024)   |                     |            |      |            |             |
| 393920.70                  | 3813581.46           | 2.03958             | (20041424) |      |            | 393943.86   |
| 3813578.89                 | 2.28406 (20041424)   |                     |            |      |            |             |
| 393967.02                  | 3813576.32           | 2.60042             | (20041424) |      |            | 393990.18   |
| 3813573.75                 | 2.98651 (20041424)   |                     |            |      |            |             |
| 394013.34                  | 3813571.18           | 3.38997             | (20041424) |      |            | 394036.51   |
| 3813568.62                 | 3.76585 (20041424)   |                     |            |      |            |             |
| 394059.67                  | 3813566.05           | 4.01446             | (20041424) |      |            | 394082.83   |
| 3813563.48                 | 4.14031 (18111924)   |                     |            |      |            |             |
| 394105.99                  | 3813560.91           | 4.21110             | (20031208) |      |            | 394129.15   |
| 3813558.34                 | 4.78231 (20031208)   |                     |            |      |            |             |
| 394152.32                  | 3813555.77           | 4.65107             | (19011624) |      |            | 394175.48   |
| 3813553.21                 | 4.36927 (19011624)   |                     |            |      |            |             |
| 394198.64                  | 3813550.64           | 4.94015m            | (20120124) |      |            | 394221.80   |
| 3813548.07                 | 6.81952c (18022508)  |                     |            |      |            |             |
| 394244.96                  | 3813545.50           | 8.61938c            | (18022508) |      |            | 394268.13   |
| 3813542.93                 | 10.32742c (18022508) |                     |            |      |            |             |
| 394291.29                  | 3813540.36           | 11.77935c           | (18022508) |      |            | 394314.45   |
| 3813537.80                 | 12.40998c (18022508) |                     |            |      |            |             |
| 394337.61                  | 3813535.23           | 14.05967            | (16010224) |      |            | 394360.77   |
| 3813532.66                 | 17.04286 (16010224)  |                     |            |      |            |             |
| 394383.94                  | 3813530.09           | 17.69514            | (16010224) |      |            | 394407.10   |
| 3813527.52                 | 16.65136 (16010224)  |                     |            |      |            |             |
| 394430.26                  | 3813524.95           | 16.92821            | (17012524) |      |            | 394453.42   |
| 3813522.39                 | 18.64601 (17012524)  |                     |            |      |            |             |
| 394476.58                  | 3813519.82           | 18.51171            | (17012524) |      |            | 394499.74   |
| 3813517.25                 | 17.03982 (16122608)  |                     |            |      |            |             |
| 394522.91                  | 3813514.68           | 15.20610            | (16122608) |      |            | 394546.07   |
| 3813512.11                 | 12.77915 (16122608)  |                     |            |      |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3813506.98 | 394569.23 | 3813509.54 | 10.58237   | (16122608) | 394592.39 |
|            |           | 9.71522    | (17121824) |            |           |
|            | 394615.55 | 3813504.41 | 9.64606    | (17121824) | 394638.72 |
| 3813501.84 |           | 9.46689    | (16012124) |            |           |
|            | 394661.88 | 3813499.27 | 10.66376   | (16012124) | 394685.04 |
| 3813496.70 |           | 11.24311   | (16012124) |            |           |
|            | 394708.20 | 3813494.13 | 13.20479   | (17122408) | 394731.36 |
| 3813491.57 |           | 14.78056   | (17122408) |            |           |
|            | 394754.53 | 3813489.00 | 15.07166   | (17122408) | 394777.69 |
| 3813486.43 |           | 15.35876   | (16122824) |            |           |
|            | 394800.85 | 3813483.86 | 15.30943   | (16122824) | 394824.01 |
| 3813481.29 |           | 15.94726   | (18061208) |            |           |
|            | 394847.17 | 3813478.72 | 16.01053   | (18061208) | 394870.34 |
| 3813476.16 |           | 16.35776   | (20113008) |            |           |
|            | 394893.50 | 3813473.59 | 17.24588   | (20113008) | 394916.66 |
| 3813471.02 |           | 16.25222   | (20113008) |            |           |
|            | 394939.82 | 3813468.45 | 16.76709   | (16010224) | 394962.98 |
| 3813465.88 |           | 18.42592   | (16010224) |            |           |
|            | 394986.14 | 3813463.31 | 18.99432   | (16010224) | 395009.31 |
| 3813460.75 |           | 18.37387   | (16010224) |            |           |
|            | 395032.47 | 3813458.18 | 16.68544   | (16010224) | 395055.63 |
| 3813455.61 |           | 17.70674   | (16120408) |            |           |
|            | 395078.79 | 3813453.04 | 18.81443   | (16120408) | 391583.15 |
| 3815978.64 |           | 2.72000    | (19121624) |            |           |
|            | 391582.36 | 3816002.11 | 2.96854    | (17012708) | 391581.57 |
| 3816025.58 |           | 3.26387    | (17012708) |            |           |
|            | 391580.79 | 3816049.06 | 3.60370    | (20020408) | 391580.00 |
| 3816072.53 |           | 4.08880    | (20020408) |            |           |
|            | 391579.22 | 3816096.00 | 4.52196    | (20020408) | 391578.43 |
| 3816119.47 |           | 4.88887    | (20020408) |            |           |
|            | 391577.65 | 3816142.95 | 5.18959    | (20020408) | 391576.86 |
| 3816166.42 |           | 5.43549c   | (20122908) |            |           |
|            | 391576.07 | 3816189.89 | 7.02269c   | (20122908) | 391575.29 |
| 3816213.36 |           | 8.52406c   | (20122908) |            |           |
|            | 391574.50 | 3816236.84 | 10.07533c  | (20122908) | 391573.72 |
| 3816260.31 |           | 11.45773c  | (20122908) |            |           |
|            | 391094.84 | 3815941.46 | 1.60732    | (19121624) | 391106.25 |
| 3815921.01 |           | 1.64466    | (19121624) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1150

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 391117.67   | 3815900.56  | 1.68739        | (19121624) | 391129.08          |  |
| 3815880.11  | 1.72033     | (19121624)     |            |                    |  |
| 391140.50   | 3815859.66  | 1.74236        | (19121624) | 391151.91          |  |
| 3815839.21  | 1.76513     | (19121624)     |            |                    |  |
| 391163.33   | 3815818.76  | 1.78660        | (19121624) | 391174.74          |  |
| 3815798.31  | 1.80418     | (19121624)     |            |                    |  |
| 391186.15   | 3815777.86  | 1.81486        | (19121624) | 391197.57          |  |
| 3815757.41  | 1.81928     | (19121624)     |            |                    |  |
| 391208.98   | 3815736.97  | 1.81834        | (19121624) | 391220.40          |  |
| 3815716.52  | 1.80803     | (19121624)     |            |                    |  |
| 391231.81   | 3815696.07  | 1.78883        | (19121624) | 391243.23          |  |
| 3815675.62  | 1.75389     | (19121624)     |            |                    |  |
| 391254.64   | 3815655.17  | 1.70083        | (19121624) | 391266.06          |  |
| 3815634.72  | 1.63369     | (19121624)     |            |                    |  |
| 391277.47   | 3815614.27  | 1.55522        | (19121624) | 391288.88          |  |
| 3815593.82  | 1.47104     | (19121624)     |            |                    |  |
| 391300.30   | 3815573.37  | 1.41956        | (18111116) | 391311.71          |  |
| 3815552.92  | 1.37965     | (18111116)     |            |                    |  |
| 391323.13   | 3815532.47  | 1.32539        | (18111116) | 391334.54          |  |
| 3815512.02  | 1.29669     | (20122316)     |            |                    |  |
| 391345.96   | 3815491.57  | 1.30187        | (20122316) | 391357.37          |  |
| 3815471.12  | 1.29658     | (20122316)     |            |                    |  |
| 391368.78   | 3815450.67  | 1.27955        | (20122316) | 391380.20          |  |
| 3815430.22  | 1.25066     | (20122316)     |            |                    |  |
| 391391.61   | 3815409.77  | 1.24037        | (19103008) | 391403.03          |  |
| 3815389.33  | 1.31442     | (19103008)     |            |                    |  |
| 391414.44   | 3815368.88  | 1.38817        | (19103008) | 391425.86          |  |
| 3815348.43  | 1.45878     | (19103008)     |            |                    |  |
| 391437.27   | 3815327.98  | 1.52123        | (19103008) | 391448.69          |  |
| 3815307.53  | 1.57487     | (19103008)     |            |                    |  |
| 391460.10   | 3815287.08  | 1.61898        | (19103008) | 391471.51          |  |
| 3815266.63  | 1.65718     | (19103008)     |            |                    |  |
| 391482.93   | 3815246.18  | 1.68943        | (19103008) | 391494.34          |  |
| 3815225.73  | 1.70938     | (19103008)     |            |                    |  |
| 391505.76   | 3815205.28  | 1.72093        | (19103008) | 391517.17          |  |
| 3815184.83  | 1.72344     | (19103008)     |            |                    |  |
| 391528.59   | 3815164.38  | 1.71302        | (19103008) | 391540.00          |  |
| 3815143.93  | 1.69412     | (19103008)     |            |                    |  |
| 391551.41   | 3815123.48  | 1.66426        | (19103008) | 391562.83          |  |
| 3815103.03  | 1.62435     | (19103008)     |            |                    |  |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391574.24  | 3815082.58         | 1.56881 | (19101016) | 391585.66 |
| 3815062.14 | 1.56106 (19101016) |         |            |           |
| 391597.07  | 3815041.69         | 1.54537 | (19101016) | 391608.49 |
| 3815021.24 | 1.52806 (19101016) |         |            |           |
| 391619.90  | 3815000.79         | 1.49574 | (19101016) | 391631.31 |
| 3814980.34 | 1.44961 (19101016) |         |            |           |
| 391642.73  | 3814959.89         | 1.39344 | (19101016) | 391654.14 |
| 3814939.44 | 1.32715 (19101016) |         |            |           |
| 391665.56  | 3814918.99         | 1.25175 | (19101016) | 391676.97 |
| 3814898.54 | 1.23397 (18030516) |         |            |           |
| 391688.39  | 3814878.09         | 1.22063 | (18030516) | 391699.80 |
| 3814857.64 | 1.19841 (18030516) |         |            |           |
| 391711.22  | 3814837.19         | 1.21857 | (19012216) | 391722.63 |
| 3814816.74 | 1.24023 (19012216) |         |            |           |
| 391734.04  | 3814796.29         | 1.25233 | (19012216) | 391745.46 |
| 3814775.84 | 1.25179 (19012216) |         |            |           |
| 391756.87  | 3814755.39         | 1.23958 | (19012216) | 391768.29 |
| 3814734.94 | 1.21728 (19012216) |         |            |           |
| 391779.70  | 3814714.50         | 1.18573 | (19012216) | 391791.12 |
| 3814694.05 | 1.14435 (19012216) |         |            |           |
| 391802.53  | 3814673.60         | 1.09401 | (19012216) | 391813.94 |
| 3814653.15 | 1.03661 (19012216) |         |            |           |
| 391825.36  | 3814632.70         | 0.97354 | (19012216) | 391836.77 |
| 3814612.25 | 0.95300 (18032716) |         |            |           |
| 391848.19  | 3814591.80         | 1.01602 | (19121716) | 391859.60 |
| 3814571.35 | 1.10857 (19121716) |         |            |           |
| 391871.02  | 3814550.90         | 1.19615 | (19121716) | 391882.43 |
| 3814530.45 | 1.27888 (19121716) |         |            |           |
| 391893.84  | 3814510.00         | 1.35842 | (19121716) | 391905.26 |
| 3814489.55 | 1.44139 (19121716) |         |            |           |
| 391916.67  | 3814469.10         | 1.53592 | (19121716) | 391928.09 |
| 3814448.65 | 1.62052 (19121716) |         |            |           |
| 391939.50  | 3814428.20         | 1.65895 | (19121716) | 391950.92 |
| 3814407.75 | 1.67685 (19121716) |         |            |           |
| 391962.33  | 3814387.31         | 1.67800 | (19121716) | 391973.75 |
| 3814366.86 | 1.66560 (19121716) |         |            |           |
| 391985.16  | 3814346.41         | 1.64145 | (19121716) | 391996.57 |
| 3814325.96 | 1.60622 (19121716) |         |            |           |
| 392007.99  | 3814305.51         | 1.56097 | (19121716) | 392019.40 |
| 3814285.06 | 1.50592 (19121716) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1151

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|---------------------|----------------|------------|--------------------|-------------|
| **          |                     |                |            |                    |             |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |                    |             |
| -----       |                     |                |            |                    |             |
| 392030.82   | 3814264.61          | 1.44024        | (19121716) |                    | 392042.23   |
| 3814244.16  | 1.36883 (19121716)  |                |            |                    |             |
| 392053.65   | 3814223.71          | 1.33848        | (20020416) |                    | 392065.06   |
| 3814203.26  | 1.31669 (20020416)  |                |            |                    |             |
| 392076.47   | 3814182.81          | 1.28855        | (20020416) |                    | 392087.89   |
| 3814162.36  | 1.25356 (20020416)  |                |            |                    |             |
| 392099.30   | 3814141.91          | 1.21236        | (20020416) |                    | 392110.72   |
| 3814121.46  | 1.16646 (20020416)  |                |            |                    |             |
| 392122.13   | 3814101.01          | 1.11684        | (20020416) |                    | 392133.55   |
| 3814080.56  | 1.06433 (20020416)  |                |            |                    |             |
| 392144.96   | 3814060.11          | 1.00525        | (18112616) |                    | 392156.37   |
| 3814039.67  | 1.02823 (18112616)  |                |            |                    |             |
| 392167.79   | 3814019.22          | 1.04100        | (18112616) |                    | 392179.20   |
| 3813998.77  | 1.07474 (16120216)  |                |            |                    |             |
| 392190.62   | 3813978.32          | 1.17460        | (17012524) |                    | 392202.03   |
| 3813957.87  | 1.28442 (17012524)  |                |            |                    |             |
| 392213.45   | 3813937.42          | 1.34743        | (17012524) |                    | 392224.86   |
| 3813916.97  | 1.43266 (17012524)  |                |            |                    |             |
| 392236.28   | 3813896.52          | 1.59678        | (17012524) |                    | 392247.69   |
| 3813876.07  | 1.89304 (17012524)  |                |            |                    |             |
| 392259.10   | 3813855.62          | 2.31717        | (18103124) |                    | 392270.52   |
| 3813835.17  | 3.75205 (18103124)  |                |            |                    |             |
| 392281.93   | 3813814.72          | 5.12687        | (19011508) |                    | 392293.35   |
| 3813794.27  | 6.74645 (19011508)  |                |            |                    |             |
| 392304.76   | 3813773.82          | 7.70109        | (19011508) |                    | 392316.18   |
| 3813753.37  | 8.65897 (19011508)  |                |            |                    |             |
| 392327.59   | 3813732.92          | 9.20343        | (19011508) |                    | 392339.00   |
| 3813712.48  | 9.55480 (18030508)  |                |            |                    |             |
| 392350.42   | 3813692.03          | 9.43830        | (18010224) |                    | 392361.83   |
| 3813671.58  | 10.61446 (18010224) |                |            |                    |             |
| 392373.25   | 3813651.13          | 11.08106       | (18010224) |                    | 392384.66   |
| 3813630.68  | 10.79694 (18010224) |                |            |                    |             |
| 392396.08   | 3813610.23          | 10.86208       | (18032808) |                    | 392407.49   |
| 3813589.78  | 10.77999 (18032808) |                |            |                    |             |
| 392418.91   | 3813569.33          | 10.72289       | (18032808) |                    | 392430.32   |
| 3813548.88  | 11.70773 (18032808) |                |            |                    |             |
| 392441.73   | 3813528.43          | 12.34352       | (18032808) |                    | 392453.15   |
| 3813507.98  | 11.39089 (18032808) |                |            |                    |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392464.56  | 3813487.53          | 9.77743  | (18032808) | 392475.98 |
| 3813467.08 | 10.00963 (16110424) |          |            |           |
| 392487.39  | 3813446.63          | 10.48967 | (16110424) | 392498.81 |
| 3813426.18 | 11.24525 (16110424) |          |            |           |
| 392510.22  | 3813405.73          | 12.24997 | (16110424) | 392521.63 |
| 3813385.28 | 12.79352 (16110424) |          |            |           |
| 392533.05  | 3813364.84          | 13.22131 | (16110424) | 392544.46 |
| 3813344.39 | 12.67327 (16122124) |          |            |           |
| 392555.88  | 3813323.94          | 14.01363 | (16122124) | 392567.29 |
| 3813303.49 | 15.06676 (16122124) |          |            |           |
| 392601.98  | 3813280.46          | 16.12080 | (16122124) | 392625.26 |
| 3813277.88 | 16.08866 (16122124) |          |            |           |
| 392648.54  | 3813275.29          | 15.65569 | (16122124) | 392671.81 |
| 3813272.71 | 14.85853 (16122124) |          |            |           |
| 392695.09  | 3813270.13          | 13.76142 | (16122124) | 392718.37 |
| 3813267.55 | 12.44979 (16122124) |          |            |           |
| 392741.64  | 3813264.97          | 11.01824 | (16122124) | 392764.92 |
| 3813262.39 | 10.93176 (17021608) |          |            |           |
| 392788.20  | 3813259.81          | 10.64499 | (17021608) | 392811.47 |
| 3813257.23 | 10.02499 (17021608) |          |            |           |
| 392834.75  | 3813254.65          | 9.12557  | (17021608) | 392858.03 |
| 3813252.07 | 9.60340 (16011708)  |          |            |           |
| 392881.30  | 3813249.48          | 11.72939 | (16011708) | 392904.58 |
| 3813246.90 | 13.88639 (16011708) |          |            |           |
| 392927.86  | 3813244.32          | 15.92871 | (16011708) | 392951.13 |
| 3813241.74 | 17.69513 (16011708) |          |            |           |
| 392974.41  | 3813239.16          | 19.03081 | (16011708) | 392997.69 |
| 3813236.58 | 19.80485 (16011708) |          |            |           |
| 393020.96  | 3813234.00          | 19.93381 | (16011708) | 393044.24 |
| 3813231.42 | 19.39538 (16011708) |          |            |           |
| 393067.52  | 3813228.84          | 18.23319 | (16011708) | 393090.79 |
| 3813226.26 | 16.55256 (16011708) |          |            |           |
| 393114.07  | 3813223.67          | 14.50133 | (16011708) | 393137.35 |
| 3813221.09 | 12.25395 (16011708) |          |            |           |
| 393160.62  | 3813218.51          | 10.53785 | (18092724) | 393183.90 |
| 3813215.93 | 9.68334 (20021208)  |          |            |           |
| 393207.18  | 3813213.35          | 10.61897 | (20021208) | 393230.45 |
| 3813210.77 | 11.19430 (20021208) |          |            |           |
| 393253.73  | 3813208.19          | 11.33900 | (20021208) | 393277.01 |
| 3813205.61 | 11.72616 (20013024) |          |            |           |
| 393300.28  | 3813203.03          | 11.30796 | (20013024) | 393323.56 |
| 3813200.44 | 10.69599 (20013024) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                     | IN MICROGRAMS/M**3   |             |
|----------------|---------------------|----------------------|-------------|
| **             |                     |                      |             |
| X-COORD (M)    | Y-COORD (M)         | CONC (YYMMDDHH)      | X-COORD (M) |
| Y-COORD (M)    | CONC (YYMMDDHH)     |                      |             |
| -----          |                     |                      |             |
| 393346.84      | 3813197.86          | 10.47545m (18120924) | 393370.11   |
| 3813195.28     | 9.72130m (18120924) |                      |             |
| 393393.39      | 3813192.70          | 8.86688m (18120924)  | 393416.67   |
| 3813190.12     | 8.20197m (18120924) |                      |             |
| 393439.94      | 3813187.54          | 7.73048 (18120308)   | 393463.22   |
| 3813184.96     | 6.75714 (18120308)  |                      |             |
| 393486.50      | 3813182.38          | 5.96411 (19010508)   | 393509.77   |
| 3813179.80     | 6.01893 (16010224)  |                      |             |
| 393533.05      | 3813177.22          | 6.13009 (16010224)   | 393556.33   |
| 3813174.63     | 4.88580 (16010224)  |                      |             |
| 393579.60      | 3813172.05          | 5.13371 (16010224)   | 393602.88   |
| 3813169.47     | 6.53820 (16010224)  |                      |             |
| 393626.16      | 3813166.89          | 7.08014 (16010224)   | 393649.43   |
| 3813164.31     | 6.20942 (16010224)  |                      |             |
| 393672.71      | 3813161.73          | 4.88346 (16010224)   | 393695.99   |
| 3813159.15     | 3.67151 (16010224)  |                      |             |
| 393719.26      | 3813156.57          | 2.89813 (20013024)   | 393742.54   |
| 3813153.99     | 2.50864 (20013024)  |                      |             |
| 393765.82      | 3813151.41          | 2.21359 (20013024)   | 393789.09   |
| 3813148.82     | 2.07838 (20041424)  |                      |             |
| 393812.37      | 3813146.24          | 2.08195 (20041424)   | 393835.65   |
| 3813143.66     | 2.05379 (20041424)  |                      |             |
| 393858.92      | 3813141.08          | 1.99962 (20041424)   | 393882.20   |
| 3813138.50     | 1.91131 (20041424)  |                      |             |
| 393905.48      | 3813135.92          | 1.83667 (20041424)   | 393928.75   |
| 3813133.34     | 1.83396 (18120624)  |                      |             |
| 393952.03      | 3813130.76          | 1.93763 (18120624)   | 393975.31   |
| 3813128.18     | 2.03727 (18120624)  |                      |             |
| 393998.58      | 3813125.59          | 2.12223 (18120624)   | 394021.86   |
| 3813123.01     | 2.21898 (18120624)  |                      |             |
| 394045.14      | 3813120.43          | 2.37845 (18120624)   | 394068.41   |
| 3813117.85     | 2.53503 (18120624)  |                      |             |
| 394091.69      | 3813115.27          | 2.55368 (18120624)   | 394114.97   |
| 3813112.69     | 2.52856 (18120624)  |                      |             |
| 394138.24      | 3813110.11          | 2.64138m (20120124)  | 394161.52   |
| 3813107.53     | 2.96933c (18022508) |                      |             |

|            |           |                     |                     |           |
|------------|-----------|---------------------|---------------------|-----------|
| 3813102.37 | 394184.80 | 3813104.95          | 3.32820c (18022508) | 394208.07 |
| 3813097.20 | 394231.35 | 3813099.78          | 3.40832c (18022508) | 394254.63 |
| 3813092.04 | 394277.90 | 3813094.62          | 3.49326 (19102224)  | 394301.18 |
| 3813086.88 | 394324.46 | 3813089.46          | 3.49348 (16010224)  | 394347.73 |
| 3813081.72 | 394371.01 | 3813084.30          | 4.60368 (16122608)  | 394394.29 |
| 3813076.56 | 394417.56 | 3813079.14          | 5.94978 (16122608)  | 394440.84 |
| 3813071.39 | 394464.12 | 3813073.97          | 6.99488 (16122608)  | 394487.39 |
| 3813066.23 | 394510.67 | 3813068.81          | 7.09560 (16122608)  | 394533.95 |
| 3813061.07 | 394557.22 | 3813063.65          | 6.67667 (17121824)  | 394580.50 |
| 3813055.91 | 394603.78 | 3813058.49          | 6.71643 (16012124)  | 394627.05 |
| 3813050.74 | 394650.33 | 3813053.33          | 8.23243 (16012124)  | 394673.61 |
| 3813045.58 | 394696.88 | 3813048.16          | 10.33417 (17122408) | 394720.16 |
| 3813040.42 | 394743.44 | 3813043.00          | 11.20861 (16122824) | 394766.71 |
| 3813035.26 | 394789.99 | 3813037.84          | 11.95880 (16122824) | 394813.27 |
| 3813030.10 | 394836.54 | 3813032.68          | 13.26817 (18061208) | 394859.82 |
| 3813024.93 | 394883.10 | 3813027.52          | 14.09654 (20113008) | 394906.37 |
| 3812973.31 | 395348.63 | 3812975.89          | 14.74104 (16022408) | 395371.91 |
| 3812968.15 | 395395.18 | 3812970.73          | 16.07816 (16022408) | 395418.46 |
| 3812962.99 | 395441.74 | 3812965.57          | 15.92366 (16022408) | 395465.01 |
| 3812957.83 | 395488.29 | 3812960.41          | 15.54333 (16010908) | 395511.57 |
| 3812952.67 | 395534.84 | 3812955.25          | 15.15703 (18020908) | 395558.12 |
| 3812947.50 | 395581.40 | 3812950.08          | 14.99276 (18020908) | 395604.67 |
|            |           | 13.97674 (18020908) |                     |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 391083.43   | 3815961.91         | 1.59290    | (19121624) | 391082.64   |
| 3815985.38  | 1.58962 (19121624) |            |            |             |
| 391081.85   | 3816008.85         | 1.59829    | (19121624) | 391081.07   |
| 3816032.33  | 1.73339 (17012708) |            |            |             |
| 391080.28   | 3816055.80         | 1.94226    | (20020408) | 391079.50   |
| 3816079.27  | 2.20470 (20020408) |            |            |             |
| 391078.71   | 3816102.74         | 2.37267    | (20020408) | 391077.92   |
| 3816126.22  | 2.39340 (20020408) |            |            |             |
| 391077.14   | 3816149.69         | 2.40042    | (20020408) | 391076.35   |
| 3816173.16  | 2.44992 (20020408) |            |            |             |
| 391075.57   | 3816196.63         | 2.50266    | (20020408) | 391074.78   |
| 3816220.11  | 2.55548 (16121824) |            |            |             |
| 391074.00   | 3816243.58         | 2.49694    | (16121824) | 390595.09   |
| 3815924.79  | 1.25414 (19121624) |            |            |             |
| 390606.47   | 3815904.40         | 1.27516    | (19121624) | 390617.85   |
| 3815884.01  | 1.29920 (19121624) |            |            |             |
| 390629.23   | 3815863.62         | 1.31570    | (19121624) | 390640.61   |
| 3815843.23  | 1.33321 (19121624) |            |            |             |
| 390651.99   | 3815822.85         | 1.34729    | (19121624) | 390663.37   |
| 3815802.46  | 1.36569 (19121624) |            |            |             |
| 390674.75   | 3815782.07         | 1.39733    | (19121624) | 390686.13   |
| 3815761.68  | 1.42656 (19121624) |            |            |             |
| 390697.51   | 3815741.29         | 1.44633    | (19121624) | 390708.89   |
| 3815720.90  | 1.46184 (19121624) |            |            |             |
| 390720.27   | 3815700.51         | 1.46209    | (19121624) | 390731.65   |
| 3815680.12  | 1.45568 (19121624) |            |            |             |
| 390743.03   | 3815659.74         | 1.45100    | (19121624) | 390754.41   |
| 3815639.35  | 1.44356 (19121624) |            |            |             |
| 390765.79   | 3815618.96         | 1.42843    | (19121624) | 390777.17   |
| 3815598.57  | 1.40630 (19121624) |            |            |             |
| 390788.55   | 3815578.18         | 1.37251    | (19121624) | 390799.94   |
| 3815557.79  | 1.32339 (19121624) |            |            |             |
| 390811.32   | 3815537.40         | 1.26778    | (19121624) | 390822.70   |
| 3815517.01  | 1.21128 (19121624) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391357.58   | 3814558.74  | 1.07842    | (19012216) | 391368.96   |
| 3814538.35  | 1.06557     | (19012216) |            |             |
| 391380.34   | 3814517.97  | 1.04595    | (19012216) | 391391.72   |
| 3814497.58  | 1.01931     | (19012216) |            |             |
| 391403.10   | 3814477.19  | 0.98776    | (19012216) | 391414.48   |
| 3814456.80  | 0.95083     | (19012216) |            |             |
| 391425.86   | 3814436.41  | 0.91236    | (19012216) | 391437.24   |
| 3814416.02  | 0.86914     | (19012216) |            |             |
| 391448.62   | 3814395.63  | 0.82572    | (18032716) | 391460.00   |
| 3814375.24  | 0.84333     | (19121716) |            |             |
| 391471.39   | 3814354.86  | 0.92636    | (19121716) | 391482.77   |
| 3814334.47  | 1.00866     | (19121716) |            |             |
| 391494.15   | 3814314.08  | 1.08679    | (19121716) | 391505.53   |
| 3814293.69  | 1.16253     | (19121716) |            |             |
| 391516.91   | 3814273.30  | 1.23702    | (19121716) | 391528.29   |
| 3814252.91  | 1.30337     | (19121716) |            |             |
| 391539.67   | 3814232.52  | 1.36132    | (19121716) | 391551.05   |
| 3814212.13  | 1.40816     | (19121716) |            |             |
| 391562.43   | 3814191.75  | 1.45943    | (19121716) | 391573.81   |
| 3814171.36  | 1.50127     | (19121716) |            |             |
| 391585.19   | 3814150.97  | 1.53439    | (19121716) | 391596.57   |
| 3814130.58  | 1.54766     | (19121716) |            |             |
| 391607.95   | 3814110.19  | 1.55663    | (19121716) | 391619.33   |
| 3814089.80  | 1.55982     | (19121716) |            |             |
| 391630.71   | 3814069.41  | 1.56308    | (19121716) | 391642.09   |
| 3814049.02  | 1.55759     | (19121716) |            |             |
| 391653.47   | 3814028.64  | 1.53812    | (19121716) | 391664.85   |
| 3814008.25  | 1.51797     | (19121716) |            |             |
| 391676.23   | 3813987.86  | 1.82867    | (18120708) | 391687.61   |
| 3813967.47  | 2.53236     | (18120708) |            |             |
| 391699.00   | 3813947.08  | 3.63811    | (18120708) | 391710.38   |
| 3813926.69  | 5.03759     | (18120708) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 391721.76  | 3813906.30          | 6.45270  | (18120708) | 391733.14 |
| 3813885.91 | 7.41094 (18091324)  |          |            |           |
| 391744.52  | 3813865.53          | 7.86710  | (18091324) | 391755.90 |
| 3813845.14 | 7.27695 (18091324)  |          |            |           |
| 391767.28  | 3813824.75          | 5.76482  | (18091324) | 391778.66 |
| 3813804.36 | 5.02081 (20031124)  |          |            |           |
| 391790.04  | 3813783.97          | 4.05399  | (20031124) | 391801.42 |
| 3813763.58 | 3.75313 (16091008)  |          |            |           |
| 391812.80  | 3813743.19          | 3.77926  | (16091008) | 391824.18 |
| 3813722.80 | 4.27163 (16091008)  |          |            |           |
| 391835.56  | 3813702.42          | 4.40231  | (16091008) | 391846.94 |
| 3813682.03 | 4.92664 (19013108)  |          |            |           |
| 391858.32  | 3813661.64          | 5.40219  | (19013108) | 391869.70 |
| 3813641.25 | 6.14595 (19013108)  |          |            |           |
| 391881.08  | 3813620.86          | 7.07807  | (19013108) | 391892.46 |
| 3813600.47 | 7.54149 (19013108)  |          |            |           |
| 391903.84  | 3813580.08          | 7.13665  | (19013108) | 391915.22 |
| 3813559.69 | 6.26882 (19120508)  |          |            |           |
| 391926.61  | 3813539.31          | 6.61723  | (17010808) | 391937.99 |
| 3813518.92 | 6.91842 (17010808)  |          |            |           |
| 391949.37  | 3813498.53          | 6.74453  | (17010808) | 391960.75 |
| 3813478.14 | 8.02547 (17010808)  |          |            |           |
| 391972.13  | 3813457.75          | 9.72416  | (17010808) | 391983.51 |
| 3813437.36 | 11.16648 (18030508) |          |            |           |
| 391994.89  | 3813416.97          | 11.21138 | (18030508) | 392006.27 |
| 3813396.58 | 10.89894 (18030508) |          |            |           |
| 392017.65  | 3813376.20          | 10.26181 | (18030508) | 392029.03 |
| 3813355.81 | 9.36012 (18030508)  |          |            |           |
| 392040.41  | 3813335.42          | 9.70652  | (18010224) | 392051.79 |
| 3813315.03 | 10.23302 (18010224) |          |            |           |
| 392063.17  | 3813294.64          | 10.45466 | (18010224) | 392074.55 |
| 3813274.25 | 11.21957 (18032808) |          |            |           |
| 392085.93  | 3813253.86          | 11.43406 | (18032808) | 392097.31 |
| 3813233.47 | 11.34936 (18032808) |          |            |           |
| 392108.69  | 3813213.09          | 11.09638 | (18032808) | 392120.07 |
| 3813192.70 | 10.66052 (18032808) |          |            |           |
| 392131.45  | 3813172.31          | 9.84557  | (18032808) | 392142.83 |
| 3813151.92 | 9.11350 (18032808)  |          |            |           |
| 392154.22  | 3813131.53          | 9.18128  | (18032808) | 392165.60 |
| 3813111.14 | 8.56094 (16110424)  |          |            |           |
| 392176.98  | 3813090.75          | 9.69061  | (16110424) | 392188.36 |
| 3813070.36 | 10.65222 (16110424) |          |            |           |
| 392199.74  | 3813049.98          | 11.37637 | (16110424) | 392211.12 |
| 3813029.59 | 11.80683 (16110424) |          |            |           |
| 392222.50  | 3813009.20          | 11.91131 | (16110424) | 392233.88 |
| 3812988.81 | 11.68476 (16110424) |          |            |           |
| 392245.26  | 3812968.42          | 11.14937 | (16110424) | 392256.64 |
| 3812948.03 | 11.40377 (16122124) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 1155

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392268.02   | 3812927.64          | 12.36999   | (16122124) | 392279.40   |
| 3812907.25  | 13.11769 (16122124) |            |            |             |
| 392290.78   | 3812886.87          | 13.59929   | (16122124) | 392325.37   |
| 3812863.90  | 13.76388 (16122124) |            |            |             |
| 392348.58   | 3812861.33          | 13.46735   | (16122124) | 392371.78   |
| 3812858.76  | 12.91634 (16122124) |            |            |             |
| 392394.99   | 3812856.18          | 12.14632   | (16122124) | 392418.20   |
| 3812853.61  | 11.20671 (16122124) |            |            |             |
| 392441.41   | 3812851.04          | 10.15329   | (16122124) | 392464.62   |
| 3812848.46  | 9.35817 (17021608)  |            |            |             |
| 392487.82   | 3812845.89          | 9.37087    | (17021608) | 392511.03   |
| 3812843.32  | 9.14038 (17021608)  |            |            |             |
| 392534.24   | 3812840.74          | 8.68115    | (17021608) | 392557.45   |
| 3812838.17  | 8.02556 (17021608)  |            |            |             |
| 392580.65   | 3812835.60          | 7.40143    | (16011708) | 392603.86   |
| 3812833.02  | 8.97690 (16011708)  |            |            |             |
| 392627.07   | 3812830.45          | 10.62220   | (16011708) | 392650.28   |
| 3812827.88  | 12.25986 (16011708) |            |            |             |
| 392673.48   | 3812825.30          | 13.79783   | (16011708) | 392696.69   |
| 3812822.73  | 15.13854 (16011708) |            |            |             |
| 392719.90   | 3812820.16          | 16.18687   | (16011708) | 392743.11   |
| 3812817.58  | 16.86207 (16011708) |            |            |             |
| 392766.32   | 3812815.01          | 17.10716   | (16011708) | 392789.52   |
| 3812812.44  | 16.89747 (16011708) |            |            |             |
| 392812.73   | 3812809.86          | 16.24327   | (16011708) | 392835.94   |
| 3812807.29  | 15.19076 (16011708) |            |            |             |
| 392859.15   | 3812804.72          | 13.81545   | (16011708) | 392882.35   |
| 3812802.14  | 12.21411 (16011708) |            |            |             |
| 392905.56   | 3812799.57          | 10.49230   | (16011708) | 392928.77   |
| 3812797.00  | 9.15506 (18092724)  |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392951.98  | 3812794.42 | 8.45802    | (18092724) | 392975.18 |
| 3812791.85 | 8.79112    | (20021208) |            |           |
| 392998.39  | 3812789.28 | 9.37841    | (20021208) | 393021.60 |
| 3812786.70 | 9.69374    | (20021208) |            |           |
| 393044.81  | 3812784.13 | 9.70462    | (20021208) | 393068.01 |
| 3812781.55 | 10.33114   | (20013024) |            |           |
| 393091.22  | 3812778.98 | 10.82359   | (20013024) | 393114.43 |
| 3812776.41 | 11.00481m  | (18120924) |            |           |
| 393137.64  | 3812773.83 | 11.94191m  | (18120924) | 393160.85 |
| 3812771.26 | 12.53758m  | (18120924) |            |           |
| 393184.05  | 3812768.69 | 12.73108m  | (18120924) | 393207.26 |
| 3812766.11 | 12.49928m  | (18120924) |            |           |
| 393230.47  | 3812763.54 | 13.00093   | (18120308) | 393253.68 |
| 3812760.97 | 13.27544   | (18120308) |            |           |
| 393276.88  | 3812758.39 | 13.09765   | (18120308) | 393300.09 |
| 3812755.82 | 12.48146   | (18120308) |            |           |
| 393323.30  | 3812753.25 | 11.64736   | (20010224) | 393346.51 |
| 3812750.67 | 11.88103   | (17123108) |            |           |
| 393369.71  | 3812748.10 | 12.67182   | (17123108) | 393392.92 |
| 3812745.53 | 13.04556   | (17123108) |            |           |
| 393416.13  | 3812742.95 | 12.95911   | (17123108) | 393439.34 |
| 3812740.38 | 12.41787   | (17123108) |            |           |
| 393462.54  | 3812737.81 | 11.47522   | (17123108) | 393485.75 |
| 3812735.23 | 11.30703   | (17102724) |            |           |
| 393508.96  | 3812732.66 | 12.12583   | (17102724) | 393532.17 |
| 3812730.09 | 12.53567   | (17102724) |            |           |
| 393555.38  | 3812727.51 | 12.48914   | (17102724) | 393578.58 |
| 3812724.94 | 11.98834   | (17102724) |            |           |
| 393601.79  | 3812722.37 | 11.08382   | (17102724) | 393625.00 |
| 3812719.79 | 12.01767   | (19020708) |            |           |
| 393648.21  | 3812717.22 | 12.90789   | (19020708) | 393671.41 |
| 3812714.65 | 13.34918   | (19020708) |            |           |
| 393694.62  | 3812712.07 | 13.28988   | (19020708) | 393717.83 |
| 3812709.50 | 12.73327   | (19020708) |            |           |
| 393741.04  | 3812706.93 | 11.73821   | (19020708) | 393764.24 |
| 3812704.35 | 12.46310   | (17021124) |            |           |
| 393787.45  | 3812701.78 | 13.35846   | (17021124) | 393810.66 |
| 3812699.21 | 12.39534   | (17021124) |            |           |
| 393833.87  | 3812696.63 | 10.44347   | (17021124) | 393857.07 |
| 3812694.06 | 8.32497    | (17021124) |            |           |
| 393880.28  | 3812691.49 | 7.08592    | (20031208) | 393903.49 |
| 3812688.91 | 6.09819    | (20031208) |            |           |
| 393926.70  | 3812686.34 | 5.25734    | (20031208) | 393949.91 |
| 3812683.77 | 4.46241    | (19011624) |            |           |
| 393973.11  | 3812681.19 | 3.91361    | (16102924) | 393996.32 |
| 3812678.62 | 3.37635m   | (20120124) |            |           |
| 394019.53  | 3812676.05 | 3.49868c   | (18022508) | 394042.74 |
| 3812673.47 | 3.91584c   | (18022508) |            |           |
| 394065.94  | 3812670.90 | 3.82184c   | (18022508) | 394089.15 |
| 3812668.33 | 3.03455c   | (18022508) |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 1156

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

|             | X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|----------|------------|-------------|
| Y-COORD (M) |             | CONC        |          | (YYMMDDHH) |             |
| 3812663.18  | 394112.36   | 3812665.75  | 2.18210  | (19102224) | 394135.57   |
| 3812658.03  | 394158.77   | 3812660.61  | 2.09194  | (19102224) | 394181.98   |
| 3812652.89  | 394205.19   | 3812655.46  | 2.17891  | (19102224) | 394228.40   |
| 3812647.74  | 394251.60   | 3812650.31  | 2.14656  | (19102224) | 394274.81   |
| 3812642.59  | 394298.02   | 3812645.17  | 2.74812  | (16122608) | 394321.23   |
| 3812637.45  | 394344.44   | 3812640.02  | 4.30051  | (16122608) | 394367.64   |
| 3812632.30  | 394390.85   | 3812634.87  | 4.91488  | (16122608) | 394414.06   |
| 3812627.15  | 394437.27   | 3812629.73  | 5.08461  | (16122608) | 394460.47   |
| 3812622.01  | 394483.68   | 3812624.58  | 5.67569  | (16122608) | 394506.89   |
| 3812616.86  | 394530.10   | 3812619.43  | 9.24304  | (17121824) | 394553.30   |
| 3812611.71  | 394576.51   | 3812614.28  | 10.52173 | (16012124) | 394599.72   |
| 3812606.56  | 394622.93   | 3812609.14  | 12.24269 | (17122408) | 394646.13   |
| 3812601.42  | 394669.34   | 3812603.99  | 13.93760 | (17122408) | 394692.55   |
| 3812596.27  | 394715.76   | 3812598.84  | 13.46212 | (17122408) | 394738.97   |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3812547.38 | 394762.17 | 3812593.70 | 12.47557   | (18061208) | 395179.91 |
|            |           | 12.99512   | (16120408) |            |           |
|            | 395203.12 | 3812544.80 | 12.41074   | (16120408) | 395226.33 |
| 3812542.23 |           | 11.27575   | (16120408) |            |           |
|            | 395249.53 | 3812539.66 | 10.92970c  | (17011624) | 395272.74 |
| 3812537.08 |           | 10.23285c  | (17011624) |            |           |
|            | 395295.95 | 3812534.51 | 10.02467   | (20031108) | 395319.16 |
| 3812531.94 |           | 9.82145    | (17031708) |            |           |
|            | 395342.36 | 3812529.36 | 10.28818   | (17031708) | 395365.57 |
| 3812526.79 |           | 10.55671   | (16022408) |            |           |
|            | 395388.78 | 3812524.22 | 11.73665   | (16022408) | 395411.99 |
| 3812521.64 |           | 12.67299   | (16022408) |            |           |
|            | 395435.19 | 3812519.07 | 13.32666   | (16022408) | 395458.40 |
| 3812516.50 |           | 13.69205   | (16022408) |            |           |
|            | 395481.61 | 3812513.92 | 13.79225   | (16022408) | 395504.82 |
| 3812511.35 |           | 13.67077   | (16022408) |            |           |
|            | 395528.03 | 3812508.78 | 13.37786   | (16022408) | 395551.23 |
| 3812506.20 |           | 13.21000   | (16010908) |            |           |
|            | 395574.44 | 3812503.63 | 13.39102   | (16010908) | 395597.65 |
| 3812501.06 |           | 13.10327   | (16010908) |            |           |
|            | 395620.86 | 3812498.48 | 13.05279   | (18020908) | 395644.06 |
| 3812495.91 |           | 13.27761   | (18020908) |            |           |
|            | 395667.27 | 3812493.34 | 13.04629   | (18020908) | 395690.48 |
| 3812490.76 |           | 12.38622   | (18020908) |            |           |
|            | 395713.69 | 3812488.19 | 11.36614   | (18020908) | 395736.89 |
| 3812485.62 |           | 11.67304   | (16012624) |            |           |
|            | 395760.10 | 3812483.04 | 12.40286   | (16012624) | 395783.31 |
| 3812480.47 |           | 12.74252   | (16012624) |            |           |
|            | 390583.71 | 3815945.18 | 1.23208    | (19121624) | 390582.92 |
| 3815968.65 |           | 1.20828    | (19121624) |            |           |
|            | 390582.13 | 3815992.12 | 1.18801    | (19121624) | 390581.35 |
| 3816015.60 |           | 1.18964    | (16121824) |            |           |
|            | 390580.56 | 3816039.07 | 1.26651    | (16121824) | 390579.78 |
| 3816062.54 |           | 1.33541    | (16121824) |            |           |
|            | 390578.99 | 3816086.01 | 1.39194    | (16121824) | 390578.20 |
| 3816109.49 |           | 1.43611    | (16121824) |            |           |
|            | 390577.42 | 3816132.96 | 1.46854    | (16121824) | 390576.63 |
| 3816156.43 |           | 1.49031    | (16121824) |            |           |
|            | 390575.85 | 3816179.90 | 1.49988    | (16121824) | 390575.06 |
| 3816203.38 |           | 1.49788    | (16121824) |            |           |
|            | 390574.28 | 3816226.85 | 1.48485    | (16121824) | 389262.52 |
| 3815880.15 |           | 0.87793    | (17012708) |            |           |
|            | 389273.91 | 3815859.73 | 0.87449    | (17012708) | 389285.31 |
| 3815839.31 |           | 0.86703    | (17012708) |            |           |
|            | 389296.71 | 3815818.89 | 0.87646    | (19121624) | 389308.10 |
| 3815798.47 |           | 0.88836    | (19121624) |            |           |
|            | 389319.50 | 3815778.05 | 0.90121    | (19121624) | 389330.90 |
| 3815757.64 |           | 0.91528    | (19121624) |            |           |
|            | 389342.30 | 3815737.22 | 0.93426    | (19121624) | 389353.69 |
| 3815716.80 |           | 0.95572    | (19121624) |            |           |

389365.09 3815696.38 0.97791 (19121624) 389376.49  
 3815675.96 0.99455 (19121624)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1157

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389387.88   | 3815655.55  | 1.01019    | (19121624) | 389399.28   |
| 3815635.13  | 1.02890     | (19121624) |            |             |
| 389410.68   | 3815614.71  | 1.04787    | (19121624) | 389422.07   |
| 3815594.29  | 1.06338     | (19121624) |            |             |
| 389433.47   | 3815573.87  | 1.07673    | (19121624) | 389444.87   |
| 3815553.45  | 1.08702     | (19121624) |            |             |
| 389456.27   | 3815533.04  | 1.09406    | (19121624) | 389467.66   |
| 3815512.62  | 1.09689     | (19121624) |            |             |
| 389479.06   | 3815492.20  | 1.09434    | (19121624) | 389490.46   |
| 3815471.78  | 1.09312     | (19121624) |            |             |
| 389501.85   | 3815451.36  | 1.08973    | (19121624) | 389513.25   |
| 3815430.94  | 1.08370     | (19121624) |            |             |
| 389524.65   | 3815410.53  | 1.07435    | (19121624) | 389536.04   |
| 3815390.11  | 1.06373     | (19121624) |            |             |
| 389547.44   | 3815369.69  | 1.05237    | (19121624) | 389558.84   |
| 3815349.27  | 1.03748     | (19121624) |            |             |
| 389570.24   | 3815328.85  | 1.01884    | (19121624) | 389581.63   |
| 3815308.43  | 0.99709     | (19121624) |            |             |
| 389593.03   | 3815288.02  | 0.97293    | (19121624) | 389604.43   |
| 3815267.60  | 0.94403     | (19121624) |            |             |
| 389615.82   | 3815247.18  | 0.91191    | (19121624) | 389627.22   |
| 3815226.76  | 0.87661     | (19121624) |            |             |
| 389638.62   | 3815206.34  | 0.83975    | (19121624) | 389650.01   |
| 3815185.92  | 0.80181     | (19121624) |            |             |
| 389661.41   | 3815165.51  | 0.77697    | (18111116) | 389672.81   |
| 3815145.09  | 0.75708     | (18111116) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389684.21  | 3815124.67         | 0.73437 | (18111116) | 389695.60 |
| 3815104.25 | 0.72443 (20122316) |         |            |           |
| 389707.00  | 3815083.83         | 0.72984 | (20122316) | 389718.40 |
| 3815063.41 | 0.73305 (20122316) |         |            |           |
| 389729.79  | 3815043.00         | 0.73680 | (20122316) | 389741.19 |
| 3815022.58 | 0.73384 (20122316) |         |            |           |
| 389752.59  | 3815002.16         | 0.72422 | (20122316) | 389763.98 |
| 3814981.74 | 0.71626 (16121816) |         |            |           |
| 389775.38  | 3814961.32         | 0.70858 | (16121816) | 389786.78 |
| 3814940.90 | 0.70208 (19103008) |         |            |           |
| 389798.18  | 3814920.49         | 0.73461 | (19103008) | 389809.57 |
| 3814900.07 | 0.76692 (19103008) |         |            |           |
| 389820.97  | 3814879.65         | 0.79832 | (19103008) | 389832.37 |
| 3814859.23 | 0.82661 (19103008) |         |            |           |
| 389843.76  | 3814838.81         | 0.85548 | (19103008) | 389855.16 |
| 3814818.39 | 0.88407 (19103008) |         |            |           |
| 389866.56  | 3814797.98         | 0.91116 | (19103008) | 389877.95 |
| 3814777.56 | 0.93550 (19103008) |         |            |           |
| 389889.35  | 3814757.14         | 0.94900 | (19103008) | 389900.75 |
| 3814736.72 | 0.96127 (19103008) |         |            |           |
| 389912.15  | 3814716.30         | 0.97081 | (19103008) | 389923.54 |
| 3814695.88 | 0.97993 (19103008) |         |            |           |
| 389934.94  | 3814675.47         | 0.98828 | (19103008) | 389946.34 |
| 3814655.05 | 0.99575 (19103008) |         |            |           |
| 389957.73  | 3814634.63         | 0.99975 | (19103008) | 389969.13 |
| 3814614.21 | 0.99987 (19103008) |         |            |           |
| 389980.53  | 3814593.79         | 0.99657 | (19103008) | 389991.92 |
| 3814573.37 | 0.99181 (19103008) |         |            |           |
| 390003.32  | 3814552.96         | 0.98506 | (19103008) | 390014.72 |
| 3814532.54 | 0.97566 (19103008) |         |            |           |
| 390026.12  | 3814512.12         | 0.96171 | (19103008) | 390037.51 |
| 3814491.70 | 0.94528 (19103008) |         |            |           |
| 390048.91  | 3814471.28         | 0.92718 | (19103008) | 390060.31 |
| 3814450.86 | 0.92474 (19101016) |         |            |           |
| 390071.70  | 3814430.45         | 0.92630 | (19101016) | 390083.10 |
| 3814410.03 | 0.92379 (19101016) |         |            |           |
| 390094.50  | 3814389.61         | 0.91655 | (19101016) | 390105.89 |
| 3814369.19 | 0.90388 (19101016) |         |            |           |
| 390117.29  | 3814348.77         | 0.88525 | (19101016) | 390128.69 |
| 3814328.35 | 0.86286 (19101016) |         |            |           |
| 390140.09  | 3814307.94         | 0.83932 | (19101016) | 390151.48 |
| 3814287.52 | 0.81233 (19101016) |         |            |           |
| 390162.88  | 3814267.10         | 0.78281 | (19101016) | 390174.28 |
| 3814246.68 | 0.75157 (19101016) |         |            |           |
| 390185.67  | 3814226.26         | 0.73124 | (18030516) | 390197.07 |
| 3814205.84 | 0.73066 (18030516) |         |            |           |
| 390208.47  | 3814185.43         | 0.72674 | (18030516) | 390219.86 |
| 3814165.01 | 0.71943 (18030516) |         |            |           |
| 390231.26  | 3814144.59         | 0.71503 | (19012216) | 390242.66 |
| 3814124.17 | 0.72937 (19012216) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390299.64   | 3814022.08         | 0.75536    | (19012216) | 390311.04   |
| 3814001.66  | 0.75117 (19012216) |            |            |             |
| 390322.44   | 3813981.24         | 0.74365    | (19012216) | 390333.83   |
| 3813960.82  | 0.73211 (19012216) |            |            |             |
| 390345.23   | 3813940.41         | 0.71718    | (19012216) | 390356.63   |
| 3813919.99  | 0.69921 (19012216) |            |            |             |
| 390368.03   | 3813899.57         | 0.67812    | (19012216) | 390379.42   |
| 3813879.15  | 0.65465 (19012216) |            |            |             |
| 390390.82   | 3813858.73         | 0.62918    | (19012216) | 390402.22   |
| 3813838.31  | 0.60167 (19012216) |            |            |             |
| 390413.61   | 3813817.90         | 0.57264    | (19012216) | 390425.01   |
| 3813797.48  | 0.54271 (19012216) |            |            |             |
| 390436.41   | 3813777.06         | 0.52592    | (18032716) | 390447.80   |
| 3813756.64  | 0.55485 (19121716) |            |            |             |
| 390459.20   | 3813736.22         | 0.59246    | (19121716) | 390470.60   |
| 3813715.80  | 0.62919 (19121716) |            |            |             |
| 390482.00   | 3813695.39         | 0.66478    | (19121716) | 390493.39   |
| 3813674.97  | 0.69915 (19121716) |            |            |             |
| 390504.79   | 3813654.55         | 0.73155    | (19121716) | 390516.19   |
| 3813634.13  | 0.76148 (19121716) |            |            |             |
| 390527.58   | 3813613.71         | 0.78972    | (19121716) | 390538.98   |
| 3813593.29  | 0.82370 (19121716) |            |            |             |
| 390550.38   | 3813572.88         | 0.86536    | (19121716) | 390561.77   |
| 3813552.46  | 0.90138 (19121716) |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390573.17  | 3813532.04         | 0.92445 | (19121716) | 390584.57 |
| 3813511.62 | 0.93725 (19121716) |         |            |           |
| 390595.97  | 3813491.20         | 0.95547 | (19121716) | 390607.36 |
| 3813470.78 | 0.96661 (19121716) |         |            |           |
| 390618.76  | 3813450.37         | 0.96935 | (19121716) | 390630.16 |
| 3813429.95 | 0.96727 (19121716) |         |            |           |
| 390641.55  | 3813409.53         | 0.95420 | (19121716) | 390652.95 |
| 3813389.11 | 0.92846 (19121716) |         |            |           |
| 390664.35  | 3813368.69         | 0.90079 | (19121716) | 390675.75 |
| 3813348.27 | 0.87426 (19121716) |         |            |           |
| 390687.14  | 3813327.86         | 0.85028 | (19121716) | 390698.54 |
| 3813307.44 | 0.83498 (19121716) |         |            |           |
| 390709.94  | 3813287.02         | 0.81988 | (19121716) | 390721.33 |
| 3813266.60 | 0.80674 (19121716) |         |            |           |
| 390732.73  | 3813246.18         | 0.79123 | (19121716) | 390744.13 |
| 3813225.76 | 0.78330 (20020416) |         |            |           |
| 390755.52  | 3813205.35         | 0.78694 | (20020416) | 390766.92 |
| 3813184.93 | 0.79357 (20020416) |         |            |           |
| 390778.32  | 3813164.51         | 0.79433 | (20020416) | 390789.72 |
| 3813144.09 | 0.91713 (18122824) |         |            |           |
| 390801.11  | 3813123.67         | 1.14183 | (18122824) | 390812.51 |
| 3813103.26 | 1.40825 (18122824) |         |            |           |
| 390823.91  | 3813082.84         | 1.71383 | (18122824) | 390835.30 |
| 3813062.42 | 1.97267 (18122824) |         |            |           |
| 390846.70  | 3813042.00         | 2.73965 | (20031124) | 390858.10 |
| 3813021.58 | 3.41366 (20031124) |         |            |           |
| 390869.49  | 3813001.16         | 3.82891 | (20031124) | 390880.89 |
| 3812980.75 | 4.51246 (16091008) |         |            |           |
| 390892.29  | 3812960.33         | 5.11381 | (16091008) | 390903.69 |
| 3812939.91 | 5.67672 (16091008) |         |            |           |
| 390915.08  | 3812919.49         | 6.00652 | (16091008) | 390926.48 |
| 3812899.07 | 5.99159 (16091008) |         |            |           |
| 390937.88  | 3812878.65         | 6.25225 | (19013108) | 390949.27 |
| 3812858.24 | 6.89128 (19013108) |         |            |           |
| 390960.67  | 3812837.82         | 7.40402 | (19013108) | 390972.07 |
| 3812817.40 | 7.87689 (19013108) |         |            |           |
| 390983.46  | 3812796.98         | 8.21156 | (19013108) | 390994.86 |
| 3812776.56 | 8.34298 (19013108) |         |            |           |
| 391006.26  | 3812756.14         | 8.25432 | (19013108) | 391017.66 |
| 3812735.73 | 7.89845 (19013108) |         |            |           |
| 391029.05  | 3812715.31         | 7.39932 | (19013108) | 391040.45 |
| 3812694.89 | 7.72414 (17010808) |         |            |           |
| 391051.85  | 3812674.47         | 8.25896 | (17010808) | 391063.24 |
| 3812654.05 | 8.64592 (17010808) |         |            |           |
| 391074.64  | 3812633.63         | 8.86300 | (17010808) | 391086.04 |
| 3812613.22 | 8.89785 (17010808) |         |            |           |
| 391097.43  | 3812592.80         | 8.39979 | (17010808) | 391108.83 |
| 3812572.38 | 7.45736 (17010808) |         |            |           |
| 391120.23  | 3812551.96         | 6.33984 | (18030508) | 391131.63 |
| 3812531.54 | 5.68132 (18030508) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391143.02  | 3812511.12         | 5.44890 | (18030508) | 391154.42 |
| 3812490.71 | 5.53163 (18030508) |         |            |           |
| 391165.82  | 3812470.29         | 6.15259 | (18030508) | 391177.21 |
| 3812449.87 | 6.57336 (18030508) |         |            |           |
| 391188.61  | 3812429.45         | 6.75985 | (18010224) | 391200.01 |
| 3812409.03 | 7.15516 (18010224) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1159

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 391211.40   | 3812388.61         | 7.42435    | (18010224) | 391222.80   |
| 3812368.20  | 7.55319 (18010224) |            |            |             |
| 391234.20   | 3812347.78         | 7.86652    | (18032808) | 391245.60   |
| 3812327.36  | 8.36875 (18032808) |            |            |             |
| 391256.99   | 3812306.94         | 8.73119    | (18032808) | 391268.39   |
| 3812286.52  | 8.93507 (18032808) |            |            |             |
| 391279.79   | 3812266.10         | 8.96994    | (18032808) | 391291.18   |
| 3812245.69  | 8.83523 (18032808) |            |            |             |
| 391302.58   | 3812225.27         | 8.53961    | (18032808) | 391313.98   |
| 3812204.85  | 7.55490 (18032808) |            |            |             |
| 391325.37   | 3812184.43         | 6.02741    | (18032808) | 391336.77   |
| 3812164.01  | 4.74664 (17122508) |            |            |             |
| 391348.17   | 3812143.59         | 4.05744    | (17122508) | 391359.57   |
| 3812123.18  | 3.51230 (17122508) |            |            |             |
| 391370.96   | 3812102.76         | 3.24264    | (16110424) | 391382.36   |
| 3812082.34  | 3.13411 (16110424) |            |            |             |
| 391393.76   | 3812061.92         | 2.80263    | (16110424) | 391405.15   |
| 3812041.50  | 2.45609 (16110424) |            |            |             |
| 391416.55   | 3812021.08         | 1.95298    | (16110424) | 391427.95   |
| 3812000.67  | 1.72884 (16122124) |            |            |             |
| 391439.34   | 3811980.25         | 1.73479    | (16122124) | 391450.74   |
| 3811959.83  | 1.75948 (16122124) |            |            |             |

|            |           |                    |         |            |           |
|------------|-----------|--------------------|---------|------------|-----------|
| 3811918.99 | 391462.14 | 3811939.41         | 1.75268 | (16122124) | 391473.54 |
|            |           | 1.73339 (16122124) |         |            |           |
|            | 391484.93 | 3811898.57         | 1.78582 | (16122124) | 391496.33 |
| 3811878.16 |           | 2.07048 (16122124) |         |            |           |
|            | 391507.73 | 3811857.74         | 2.34457 | (16122124) | 391519.12 |
| 3811837.32 |           | 2.32207 (16122124) |         |            |           |
|            | 391530.52 | 3811816.90         | 2.01558 | (16122124) | 391541.92 |
| 3811796.48 |           | 1.71213 (16122124) |         |            |           |
|            | 391553.31 | 3811776.06         | 1.55299 | (16122124) | 391587.95 |
| 3811753.07 |           | 1.58257 (16122124) |         |            |           |
|            | 391611.19 | 3811750.49         | 1.56076 | (16122124) | 391634.44 |
| 3811747.91 |           | 1.49971 (16122124) |         |            |           |
|            | 391657.68 | 3811745.34         | 1.36301 | (16122124) | 391680.92 |
| 3811742.76 |           | 1.23056 (16122124) |         |            |           |
|            | 391704.16 | 3811740.18         | 1.21138 | (16122124) | 391727.40 |
| 3811737.61 |           | 1.24304 (16122124) |         |            |           |
|            | 391750.64 | 3811735.03         | 1.32554 | (16122124) | 391773.88 |
| 3811732.45 |           | 1.46607 (16122124) |         |            |           |
|            | 391797.12 | 3811729.87         | 1.57378 | (16122124) | 391820.37 |
| 3811727.30 |           | 1.71320 (19120524) |         |            |           |
|            | 391843.61 | 3811724.72         | 1.67838 | (19120524) | 391866.85 |
| 3811722.14 |           | 1.53949 (19120524) |         |            |           |
|            | 391890.09 | 3811719.57         | 1.57994 | (16011708) | 391913.33 |
| 3811716.99 |           | 1.77718 (16011708) |         |            |           |
|            | 391936.57 | 3811714.41         | 2.06054 | (16011708) | 391959.81 |
| 3811711.83 |           | 2.38346 (16011708) |         |            |           |
|            | 391983.06 | 3811709.26         | 2.71867 | (16011708) | 392006.30 |
| 3811706.68 |           | 3.05338 (16011708) |         |            |           |
|            | 392029.54 | 3811704.10         | 3.37406 | (16011708) | 392052.78 |
| 3811701.53 |           | 3.70148 (16011708) |         |            |           |
|            | 392076.02 | 3811698.95         | 3.99428 | (16011708) | 392099.26 |
| 3811696.37 |           | 4.24396 (16011708) |         |            |           |
|            | 392122.50 | 3811693.80         | 4.43631 | (16011708) | 392145.74 |
| 3811691.22 |           | 4.42109 (16011708) |         |            |           |
|            | 392168.99 | 3811688.64         | 4.30424 | (16011708) | 392192.23 |
| 3811686.06 |           | 4.28024 (16011708) |         |            |           |
|            | 392215.47 | 3811683.49         | 4.22080 | (16011708) | 392238.71 |
| 3811680.91 |           | 3.97556 (16011708) |         |            |           |
|            | 392261.95 | 3811678.33         | 3.75924 | (16011708) | 392285.19 |
| 3811675.76 |           | 3.64106 (16011708) |         |            |           |
|            | 392308.43 | 3811673.18         | 3.48478 | (16011708) | 392331.67 |
| 3811670.60 |           | 3.48292 (18092724) |         |            |           |
|            | 392354.92 | 3811668.02         | 3.53314 | (19112424) | 392378.16 |
| 3811665.45 |           | 3.68848 (20021208) |         |            |           |
|            | 392401.40 | 3811662.87         | 3.82175 | (20021208) | 392424.64 |
| 3811660.29 |           | 3.97432 (20021208) |         |            |           |
|            | 392447.88 | 3811657.72         | 4.18539 | (20021208) | 392471.12 |
| 3811655.14 |           | 4.33152 (20021208) |         |            |           |
|            | 392494.36 | 3811652.56         | 4.38469 | (20013024) | 392517.61 |
| 3811649.98 |           | 4.72560 (20013024) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392540.85  | 3811647.41 | 5.02650    | (20013024) | 392564.09 |
| 3811644.83 | 5.21637    | (20013024) |            |           |
| 392587.33  | 3811642.25 | 5.48337m   | (18120924) | 392610.57 |
| 3811639.68 | 5.80133m   | (18120924) |            |           |
| 392633.81  | 3811637.10 | 6.02376m   | (18120924) | 392657.05 |
| 3811634.52 | 6.19187m   | (18120924) |            |           |
| 392680.29  | 3811631.94 | 6.29121m   | (18120924) | 392703.54 |
| 3811629.37 | 6.29005m   | (18120924) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1160

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -           | -           | -          | -          | -           |
| -           | -           | -          | -          | -           |
| 392726.78   | 3811626.79  | 6.73804    | (18120308) | 392750.02   |
| 3811624.21  | 7.27922     | (18120308) |            |             |
| 392773.26   | 3811621.64  | 7.46307    | (18120308) | 392796.50   |
| 3811619.06  | 7.45835     | (18120308) |            |             |
| 392819.74   | 3811616.48  | 7.45057    | (18120308) | 392842.98   |
| 3811613.90  | 7.79117     | (20010224) |            |             |
| 392866.22   | 3811611.33  | 7.99203    | (20010224) | 392889.47   |
| 3811608.75  | 8.65385     | (17123108) |            |             |
| 392912.71   | 3811606.17  | 9.23640    | (17123108) | 392935.95   |
| 3811603.60  | 9.36939     | (17123108) |            |             |
| 392959.19   | 3811601.02  | 9.29652    | (17123108) | 392982.43   |
| 3811598.44  | 9.02126     | (17123108) |            |             |
| 393005.67   | 3811595.86  | 8.56027    | (17123108) | 393028.91   |
| 3811593.29  | 7.94191     | (17123108) |            |             |
| 393052.15   | 3811590.71  | 8.08048    | (17102724) | 393075.40   |
| 3811588.13  | 8.57520     | (17102724) |            |             |
| 393098.64   | 3811585.56  | 8.89634    | (17102724) | 393121.88   |
| 3811582.98  | 9.02189     | (17102724) |            |             |
| 393145.12   | 3811580.40  | 8.94217    | (17102724) | 393168.36   |
| 3811577.82  | 8.66146     | (17102724) |            |             |

|            |           |                    |          |            |           |
|------------|-----------|--------------------|----------|------------|-----------|
| 3811572.67 | 393191.60 | 3811575.25         | 8.19765  | (17102724) | 393214.84 |
|            |           | 7.99704 (19020708) |          |            |           |
| 3811567.52 | 393238.09 | 3811570.09         | 8.66842  | (19020708) | 393261.33 |
|            |           | 9.17984 (19020708) |          |            |           |
| 3811562.36 | 393284.57 | 3811564.94         | 9.49699  | (19020708) | 393307.81 |
|            |           | 9.59707 (19020708) |          |            |           |
| 3811557.21 | 393331.05 | 3811559.79         | 9.47207  | (19020708) | 393354.29 |
|            |           | 9.12957 (19020708) |          |            |           |
| 3811552.05 | 393377.53 | 3811554.63         | 8.59220  | (19020708) | 393400.77 |
|            |           | 8.42898 (17021124) |          |            |           |
| 3811546.90 | 393424.02 | 3811549.48         | 9.09514  | (17021124) | 393447.26 |
|            |           | 9.58170 (17021124) |          |            |           |
| 3811541.75 | 393470.50 | 3811544.32         | 9.85473  | (17021124) | 393493.74 |
|            |           | 9.89404 (17021124) |          |            |           |
| 3811536.59 | 393516.98 | 3811539.17         | 9.69580  | (17021124) | 393540.22 |
|            |           | 9.27324 (17021124) |          |            |           |
| 3811531.44 | 393563.46 | 3811534.01         | 8.65512  | (17021124) | 393586.70 |
|            |           | 8.64403 (20031208) |          |            |           |
| 3811526.28 | 393609.95 | 3811528.86         | 8.43263  | (20031208) | 393633.19 |
|            |           | 8.02669 (20031208) |          |            |           |
| 3811521.13 | 393656.43 | 3811523.71         | 8.11253  | (16102924) | 393679.67 |
|            |           | 8.86427 (16102924) |          |            |           |
| 3811515.97 | 393702.91 | 3811518.55         | 9.44972  | (16102924) | 393726.15 |
|            |           | 9.82773 (16102924) |          |            |           |
| 3811510.82 | 393749.39 | 3811513.40         | 9.97048  | (16102924) | 393772.64 |
|            |           | 9.86669 (16102924) |          |            |           |
| 3811505.67 | 393795.88 | 3811508.24         | 9.59878  | (16040124) | 393819.12 |
|            |           | 9.92697 (16040124) |          |            |           |
| 3811500.51 | 393842.36 | 3811503.09         | 10.01351 | (16040124) | 393865.60 |
|            |           | 9.71178 (16040124) |          |            |           |
| 3811495.36 | 393888.84 | 3811497.93         | 9.08825  | (16040124) | 393912.08 |
|            |           | 8.35509 (16040124) |          |            |           |
| 3811490.20 | 393935.32 | 3811492.78         | 7.71293  | (16010224) | 393958.57 |
|            |           | 8.16368 (16010224) |          |            |           |
| 3811485.05 | 393981.81 | 3811487.63         | 8.48169  | (16010224) | 394005.05 |
|            |           | 8.67769 (16010224) |          |            |           |
| 3811479.89 | 394028.29 | 3811482.47         | 8.71073  | (16010224) | 394051.53 |
|            |           | 8.28848 (16010224) |          |            |           |
| 3811474.74 | 394074.77 | 3811477.32         | 7.66977  | (16010224) | 394098.01 |
|            |           | 7.31653 (17012524) |          |            |           |
| 3811469.59 | 394121.25 | 3811472.16         | 7.85499  | (17012524) | 394144.50 |
|            |           | 8.02676 (17012524) |          |            |           |
| 3811464.43 | 394167.74 | 3811467.01         | 7.83929  | (17012524) | 394190.98 |
|            |           | 7.85823 (17012524) |          |            |           |
| 3811459.28 | 394214.22 | 3811461.85         | 7.96691  | (16122608) | 394237.46 |
|            |           | 8.01573 (16122608) |          |            |           |
| 3811454.12 | 394260.70 | 3811456.70         | 8.11071  | (16122608) | 394283.94 |
|            |           | 8.48071 (16122608) |          |            |           |
| 3811448.97 | 394307.19 | 3811451.55         | 8.59883  | (16122608) | 394330.43 |
|            |           | 9.23945 (17121824) |          |            |           |



|            |           |                    |         |            |           |
|------------|-----------|--------------------|---------|------------|-----------|
| 3811325.27 | 395422.77 | 3811327.84         | 7.15520 | (20031108) | 395446.01 |
|            |           | 7.02867 (20031108) |         |            |           |
| 3811320.11 | 395469.25 | 3811322.69         | 7.19025 | (17031708) | 395492.49 |
|            |           | 7.38481 (17031708) |         |            |           |
| 3811314.96 | 395515.73 | 3811317.54         | 7.43015 | (16022408) | 395538.97 |
|            |           | 8.09984 (16022408) |         |            |           |
| 3811309.81 | 395562.22 | 3811312.38         | 8.66690 | (16022408) | 395585.46 |
|            |           | 9.11334 (16022408) |         |            |           |
| 3811304.65 | 395608.70 | 3811307.23         | 9.43096 | (16022408) | 395631.94 |
|            |           | 9.62092 (16022408) |         |            |           |
| 3811299.50 | 395655.18 | 3811302.07         | 9.69266 | (16022408) | 395678.42 |
|            |           | 9.66186 (16022408) |         |            |           |
| 3811294.34 | 395701.66 | 3811296.92         | 9.54744 | (16022408) | 395724.90 |
|            |           | 9.36856 (16022408) |         |            |           |
| 3811289.19 | 395748.15 | 3811291.77         | 9.18731 | (16010908) | 395771.39 |
|            |           | 9.38946 (16010908) |         |            |           |
| 3811284.03 | 395794.63 | 3811286.61         | 9.40719 | (16010908) | 395817.87 |
|            |           | 9.23135 (16010908) |         |            |           |
| 3811278.88 | 395841.11 | 3811281.46         | 9.06072 | (18020908) | 395864.35 |
|            |           | 9.38230 (18020908) |         |            |           |
| 3811273.73 | 395887.59 | 3811276.30         | 9.45866 | (18020908) | 395910.84 |
|            |           | 9.35309 (18020908) |         |            |           |
| 3811268.57 | 395934.08 | 3811271.15         | 8.99979 | (18020908) | 395957.32 |
|            |           | 8.47928 (18020908) |         |            |           |
| 3811263.42 | 395980.56 | 3811265.99         | 7.82349 | (18020908) | 396003.80 |
|            |           | 8.35274 (16012624) |         |            |           |
| 3811258.26 | 396027.04 | 3811260.84         | 8.78961 | (16012624) | 396050.28 |
|            |           | 9.05874 (16012624) |         |            |           |
| 3811253.11 | 396073.52 | 3811255.69         | 9.14524 | (16012624) | 396096.77 |
|            |           | 9.04512 (16012624) |         |            |           |
| 3811247.95 | 396120.01 | 3811250.53         | 8.81214 | (18120424) | 396143.25 |
|            |           | 9.11444 (18120424) |         |            |           |
| 3811242.80 | 396166.49 | 3811245.38         | 9.23847 | (18120424) | 396189.73 |
|            |           | 9.17827 (18120424) |         |            |           |
| 3811237.65 | 396212.97 | 3811240.22         | 8.94117 | (18120424) | 396236.21 |
|            |           | 8.53963 (18120424) |         |            |           |
| 3811230.45 | 396259.45 | 3811235.07         | 7.99944 | (18120424) | 389251.12 |
|            |           | 0.90825 (16121824) |         |            |           |
| 3811225.56 | 389250.33 | 3811230.04         | 0.94433 | (16121824) | 389249.55 |
|            |           | 0.97717 (16121824) |         |            |           |
| 3811220.51 | 389248.76 | 3811225.98         | 1.00653 | (16121824) | 389247.98 |
|            |           | 1.03230 (16121824) |         |            |           |
| 3811215.45 | 389247.19 | 3811210.93         | 1.05294 | (16121824) | 389246.40 |
|            |           | 1.06913 (16121824) |         |            |           |
| 3811210.40 | 389245.62 | 3811205.87         | 1.08036 | (16121824) | 389244.83 |
|            |           | 1.08657 (16121824) |         |            |           |
| 3811205.34 | 389244.05 | 3811200.82         | 1.08952 | (16121824) | 389243.26 |
|            |           | 1.10040 (16121824) |         |            |           |
| 3811200.29 | 389242.47 | 3811195.76         | 1.10102 | (16121824) | 389241.69 |
|            |           | 1.08644 (16121824) |         |            |           |
| 3811195.23 |           |                    |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387929.94  | 3815835.52         | 1.75653 | (20020408) | 387941.35 |
| 3815815.08 | 1.69777 (20020408) |         |            |           |
| 387952.75  | 3815794.64         | 1.62495 | (20020408) | 387964.16 |
| 3815774.21 | 1.54057 (20020408) |         |            |           |
| 387975.57  | 3815753.77         | 1.45997 | (20020408) | 387986.97 |
| 3815733.34 | 1.37457 (20020408) |         |            |           |
| 387998.38  | 3815712.90         | 1.31388 | (20020408) | 388009.79 |
| 3815692.46 | 1.25404 (20020408) |         |            |           |
| 388021.19  | 3815672.03         | 1.20184 | (20020408) | 388032.60 |
| 3815651.59 | 1.15266 (20020408) |         |            |           |
| 388044.01  | 3815631.16         | 1.12874 | (17012708) | 388055.41 |
| 3815610.72 | 1.10824 (17012708) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1162

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 388066.82   | 3815590.29          | 1.08438    | (17012708) | 388078.23   |
| 3815569.85  | 1.05751 (17012708)  |            |            |             |
| 388089.63   | 3815549.41          | 1.04354    | (18091708) | 388101.04   |
| 3815528.98  | 1.06980 (18091708)  |            |            |             |
| 388112.45   | 3815508.54          | 1.12548    | (20102624) | 388123.85   |
| 3815488.11  | 1.19012 (20102624)  |            |            |             |
| 388135.26   | 3815467.67          | 1.25636    | (20102624) | 388146.67   |
| 3815447.23  | 1.30646 (20102624)  |            |            |             |
| 388158.07   | 3815426.80          | 1.34434    | (20102624) | 388169.48   |
| 3815406.36  | 1.36812 (20102624)  |            |            |             |
| 388180.89   | 3815385.93          | 1.37279    | (20102624) | 388192.30   |
| 3815365.49  | 1.37190 (20091208)  |            |            |             |
| 388203.70   | 3815345.06          | 1.52165c   | (17011624) | 388215.11   |
| 3815324.62  | 1.68091c (17011624) |            |            |             |
| 388226.52   | 3815304.18          | 1.82458c   | (17011624) | 388237.92   |
| 3815283.75  | 1.92602c (17011624) |            |            |             |



|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 388249.33  | 3815263.31          | 1.98392c (17011624) | 388260.74 |
| 3815242.88 | 1.99647c (17011624) |                     |           |
| 388272.14  | 3815222.44          | 1.93342c (17011624) | 388283.55 |
| 3815202.00 | 1.81923c (17011624) |                     |           |
| 388294.96  | 3815181.57          | 1.74894c (17011624) | 388306.36 |
| 3815161.13 | 1.79159c (20101508) |                     |           |
| 388317.77  | 3815140.70          | 1.85906c (20101508) | 388329.18 |
| 3815120.26 | 1.83622c (20101508) |                     |           |
| 388340.58  | 3815099.83          | 1.79686c (20101508) | 388351.99 |
| 3815079.39 | 1.72067c (20101508) |                     |           |
| 388363.40  | 3815058.95          | 1.77172 (19111624)  | 388374.80 |
| 3815038.52 | 1.83258 (19111624)  |                     |           |
| 388386.21  | 3815018.08          | 1.88444 (19111624)  | 388397.62 |
| 3814997.65 | 1.97563 (19111624)  |                     |           |
| 388409.02  | 3814977.21          | 2.23020 (18031124)  | 388420.43 |
| 3814956.77 | 2.46596 (18031124)  |                     |           |
| 388431.84  | 3814936.34          | 2.70714 (18031124)  | 388443.24 |
| 3814915.90 | 3.10023 (18031124)  |                     |           |
| 388454.65  | 3814895.47          | 3.56459 (18031124)  | 388466.06 |
| 3814875.03 | 3.87458 (18031124)  |                     |           |
| 388477.46  | 3814854.60          | 4.12163 (18031124)  | 388488.87 |
| 3814834.16 | 4.37050 (18031124)  |                     |           |
| 388500.28  | 3814813.72          | 4.50771 (18031124)  | 388511.68 |
| 3814793.29 | 4.53623 (18031124)  |                     |           |
| 388523.09  | 3814772.85          | 4.24367 (18031124)  | 388534.50 |
| 3814752.42 | 3.72058 (18031124)  |                     |           |
| 388545.91  | 3814731.98          | 3.42038 (18031124)  | 388557.31 |
| 3814711.55 | 3.43693 (18031124)  |                     |           |
| 388568.72  | 3814691.11          | 3.45466 (18031124)  | 388580.13 |
| 3814670.67 | 3.20766 (18031124)  |                     |           |
| 388591.53  | 3814650.24          | 2.92819 (18031124)  | 388602.94 |
| 3814629.80 | 3.10871 (19091724)  |                     |           |
| 388614.35  | 3814609.37          | 3.28274 (19091724)  | 388625.75 |
| 3814588.93 | 3.08639 (19091724)  |                     |           |
| 388637.16  | 3814568.49          | 2.97111 (19091724)  | 388648.57 |
| 3814548.06 | 3.03512 (19091724)  |                     |           |
| 388659.97  | 3814527.62          | 2.90633 (19091724)  | 388671.38 |
| 3814507.19 | 2.83887 (19091724)  |                     |           |
| 388682.79  | 3814486.75          | 2.79680 (19091724)  | 388694.19 |
| 3814466.32 | 2.40325 (19091724)  |                     |           |
| 388705.60  | 3814445.88          | 2.02543 (19091724)  | 388717.01 |
| 3814425.44 | 1.87184 (19122524)  |                     |           |
| 388728.41  | 3814405.01          | 1.82264 (19122524)  | 388739.82 |
| 3814384.57 | 1.78337 (19122524)  |                     |           |
| 388751.23  | 3814364.14          | 1.86560 (19012824)  | 388762.63 |
| 3814343.70 | 1.99998 (19012824)  |                     |           |
| 388774.04  | 3814323.26          | 2.01821 (19012824)  | 388785.45 |
| 3814302.83 | 1.95213 (19012824)  |                     |           |
| 388796.85  | 3814282.39          | 1.97140 (20010724)  | 388808.26 |
| 3814261.96 | 1.99010 (20010724)  |                     |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388819.67  | 3814241.52 | 2.13755    | (20010724) | 388831.07 |
| 3814221.09 | 2.40213    | (20010724) |            |           |
| 388842.48  | 3814200.65 | 2.70763    | (20010724) | 388853.89 |
| 3814180.21 | 2.82232    | (18012224) |            |           |
| 388865.30  | 3814159.78 | 2.88087    | (18012224) | 388876.70 |
| 3814139.34 | 2.71027    | (18012224) |            |           |
| 388888.11  | 3814118.91 | 2.56971    | (16112908) | 388899.52 |
| 3814098.47 | 2.59592    | (16112908) |            |           |
| 388910.92  | 3814078.03 | 2.81929    | (16112908) | 388922.33 |
| 3814057.60 | 3.09990    | (16112908) |            |           |
| 388933.74  | 3814037.16 | 3.23479    | (16112908) | 388945.14 |
| 3814016.73 | 3.20673    | (16112908) |            |           |
| 388956.55  | 3813996.29 | 3.03431    | (16112908) | 388967.96 |
| 3813975.86 | 2.82013    | (16112908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1163

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388979.36   | 3813955.42  | 2.60852    | (16112908) | 388990.77   |
| 3813934.98  | 2.38736     | (16112908) |            |             |
| 389002.18   | 3813914.55  | 2.25109m   | (20031608) | 389013.58   |
| 3813894.11  | 2.22091m    | (20031608) |            |             |
| 389024.99   | 3813873.68  | 2.18608m   | (20031608) | 389036.40   |
| 3813853.24  | 2.11384m    | (20031608) |            |             |
| 389047.80   | 3813832.80  | 2.02736m   | (20031608) | 389059.21   |
| 3813812.37  | 1.92165m    | (20031608) |            |             |
| 389070.62   | 3813791.93  | 1.78819m   | (20031608) | 389082.02   |
| 3813771.50  | 1.63830m    | (20031608) |            |             |
| 389093.43   | 3813751.06  | 1.46012m   | (20031608) | 389104.84   |
| 3813730.63  | 1.31968m    | (20031608) |            |             |
| 389116.24   | 3813710.19  | 1.22987    | (20090908) | 389127.65   |
| 3813689.75  | 1.35223c    | (20122908) |            |             |

|            |                    |                     |           |
|------------|--------------------|---------------------|-----------|
| 389139.06  | 3813669.32         | 1.32625c (20122908) | 389150.46 |
| 3813648.88 | 1.27497 (20090908) |                     |           |
| 389161.87  | 3813628.45         | 1.15853 (20090908)  | 389173.28 |
| 3813608.01 | 1.07786 (20090908) |                     |           |
| 389184.68  | 3813587.57         | 1.01075 (20090908)  | 389196.09 |
| 3813567.14 | 0.97806 (20090908) |                     |           |
| 389207.50  | 3813546.70         | 0.94599 (20090908)  | 389218.91 |
| 3813526.27 | 0.91325 (20090908) |                     |           |
| 389230.31  | 3813505.83         | 0.89808 (20090908)  | 389241.72 |
| 3813485.40 | 0.84998 (20090908) |                     |           |
| 389253.13  | 3813464.96         | 0.79800 (20090908)  | 389264.53 |
| 3813444.52 | 0.76773 (20090908) |                     |           |
| 389275.94  | 3813424.09         | 0.72909 (19012216)  | 389287.35 |
| 3813403.65 | 0.71349 (19012216) |                     |           |
| 389298.75  | 3813383.22         | 0.69428 (19012216)  | 389310.16 |
| 3813362.78 | 0.67838 (19012216) |                     |           |
| 389321.57  | 3813342.34         | 0.66158 (19012216)  | 389332.97 |
| 3813321.91 | 0.63592 (19012216) |                     |           |
| 389344.38  | 3813301.47         | 0.61383 (19012216)  | 389355.79 |
| 3813281.04 | 0.59105 (19012216) |                     |           |
| 389367.19  | 3813260.60         | 0.56344 (19012216)  | 389378.60 |
| 3813240.17 | 0.53813 (19012216) |                     |           |
| 389390.01  | 3813219.73         | 0.51292 (19012216)  | 389401.41 |
| 3813199.29 | 0.48251 (19012216) |                     |           |
| 389412.82  | 3813178.86         | 0.45520 (19012216)  | 389424.23 |
| 3813158.42 | 0.45189 (19121716) |                     |           |
| 389435.63  | 3813137.99         | 0.47741 (19121716)  | 389447.04 |
| 3813117.55 | 0.50334 (19121716) |                     |           |
| 389458.45  | 3813097.11         | 0.52791 (19121716)  | 389469.85 |
| 3813076.68 | 0.54994 (19121716) |                     |           |
| 389481.26  | 3813056.24         | 0.57136 (19121716)  | 389492.67 |
| 3813035.81 | 0.59041 (19121716) |                     |           |
| 389504.07  | 3813015.37         | 0.60733 (19121716)  | 389515.48 |
| 3812994.94 | 0.62323 (19121716) |                     |           |
| 389526.89  | 3812974.50         | 0.63675 (19121716)  | 389538.30 |
| 3812954.06 | 0.64925 (19121716) |                     |           |
| 389549.70  | 3812933.63         | 0.65849 (19121716)  | 389561.11 |
| 3812913.19 | 0.66312 (19121716) |                     |           |
| 389572.52  | 3812892.76         | 0.66655 (19121716)  | 389583.92 |
| 3812872.32 | 0.66846 (19121716) |                     |           |
| 389595.33  | 3812851.88         | 0.67129 (19121716)  | 389606.74 |
| 3812831.45 | 0.67397 (19121716) |                     |           |
| 389618.14  | 3812811.01         | 0.67581 (19121716)  | 389629.55 |
| 3812790.58 | 0.67656 (19121716) |                     |           |
| 389640.96  | 3812770.14         | 0.67620 (19121716)  | 389652.36 |
| 3812749.71 | 0.67363 (19121716) |                     |           |
| 389663.77  | 3812729.27         | 0.66894 (19121716)  | 389675.18 |
| 3812708.83 | 0.66146 (19121716) |                     |           |
| 389686.58  | 3812688.40         | 0.65116 (19121716)  | 389697.99 |
| 3812667.96 | 0.64197 (19121716) |                     |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389709.40  | 3812647.53 | 0.63159    | (19121716) | 389720.80 |
| 3812627.09 | 0.61874    | (19121716) |            |           |
| 389732.21  | 3812606.65 | 0.60380    | (19121716) | 389743.62 |
| 3812586.22 | 0.58737    | (19121716) |            |           |
| 389755.02  | 3812565.78 | 0.56977    | (19121716) | 389766.43 |
| 3812545.35 | 0.55121    | (19121716) |            |           |
| 389777.84  | 3812524.91 | 0.53186    | (19121716) | 389789.24 |
| 3812504.48 | 0.51312    | (20020416) |            |           |
| 389800.65  | 3812484.04 | 0.50769    | (20020416) | 389812.06 |
| 3812463.60 | 0.50100    | (20020416) |            |           |
| 389823.46  | 3812443.17 | 0.49327    | (20020416) | 389834.87 |
| 3812422.73 | 0.48723    | (20020416) |            |           |
| 389846.28  | 3812402.30 | 0.48224    | (20020416) | 389857.68 |
| 3812381.86 | 0.47814    | (20020416) |            |           |
| 389869.09  | 3812361.42 | 0.46890    | (20020416) | 389880.50 |
| 3812340.99 | 0.45894    | (20020416) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1164

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389891.91   | 3812320.55  | 0.44699    | (20020416) | 389903.31   |
| 3812300.12  | 0.43417     | (20020416) |            |             |
| 389914.72   | 3812279.68  | 0.42116    | (20020416) | 389926.13   |
| 3812259.25  | 0.40805     | (20020416) |            |             |
| 389937.53   | 3812238.81  | 0.39499    | (20020416) | 389948.94   |
| 3812218.37  | 0.38145     | (20020416) |            |             |
| 389960.35   | 3812197.94  | 0.37973    | (18112616) | 389971.75   |
| 3812177.50  | 0.38399     | (18112616) |            |             |
| 389983.16   | 3812157.07  | 0.38701    | (18112616) | 389994.57   |
| 3812136.63  | 0.38848     | (18112616) |            |             |
| 390005.97   | 3812116.19  | 0.38860    | (18112616) | 390017.38   |
| 3812095.76  | 0.38743     | (18112616) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390028.79  | 3812075.32         | 0.38522 | (18112616) | 390040.19 |
| 3812054.89 | 0.38889 (16120216) |         |            |           |
| 390051.60  | 3812034.45         | 0.40326 | (16120216) | 390063.01 |
| 3812014.02 | 0.41783 (16120216) |         |            |           |
| 390074.41  | 3811993.58         | 0.43287 | (16120216) | 390085.82 |
| 3811973.14 | 0.44831 (16120216) |         |            |           |
| 390097.23  | 3811952.71         | 0.45937 | (16120216) | 390108.63 |
| 3811932.27 | 0.46665 (16120216) |         |            |           |
| 390120.04  | 3811911.84         | 0.47148 | (16120216) | 390131.45 |
| 3811891.40 | 0.47858 (16120216) |         |            |           |
| 390142.85  | 3811870.96         | 0.48578 | (16120216) | 390154.26 |
| 3811850.53 | 0.49324 (16120216) |         |            |           |
| 390165.67  | 3811830.09         | 0.49951 | (16120216) | 390177.07 |
| 3811809.66 | 0.50463 (16120216) |         |            |           |
| 390188.48  | 3811789.22         | 0.50667 | (16120216) | 390199.89 |
| 3811768.79 | 0.50806 (16120216) |         |            |           |
| 390211.30  | 3811748.35         | 0.50917 | (16120216) | 390222.70 |
| 3811727.91 | 0.50868 (16120216) |         |            |           |
| 390234.11  | 3811707.48         | 0.50803 | (16120216) | 390245.52 |
| 3811687.04 | 0.50637 (16120216) |         |            |           |
| 390256.92  | 3811666.61         | 0.50256 | (16120216) | 390268.33 |
| 3811646.17 | 0.49909 (16120216) |         |            |           |
| 390279.74  | 3811625.73         | 0.49094 | (16120216) | 390291.14 |
| 3811605.30 | 0.47609 (16120216) |         |            |           |
| 390302.55  | 3811584.86         | 0.47045 | (16122616) | 390313.96 |
| 3811564.43 | 0.47715 (16122616) |         |            |           |
| 390325.36  | 3811543.99         | 0.48357 | (16122616) | 390336.77 |
| 3811523.56 | 0.49039 (16122616) |         |            |           |
| 390348.18  | 3811503.12         | 0.49312 | (16122616) | 390359.58 |
| 3811482.68 | 0.49184 (16122616) |         |            |           |
| 390370.99  | 3811462.25         | 0.48895 | (16122616) | 390382.40 |
| 3811441.81 | 0.48903 (16122616) |         |            |           |
| 390393.80  | 3811421.38         | 0.49055 | (16122616) | 390405.21 |
| 3811400.94 | 0.49374 (16122616) |         |            |           |
| 390416.62  | 3811380.51         | 0.49375 | (16122616) | 390428.02 |
| 3811360.07 | 0.49711 (17092524) |         |            |           |
| 390439.43  | 3811339.63         | 0.52937 | (17092524) | 390450.84 |
| 3811319.20 | 0.56164 (17092524) |         |            |           |
| 390462.24  | 3811298.76         | 0.58065 | (17092524) | 390473.65 |
| 3811278.33 | 0.59009 (17092524) |         |            |           |
| 390485.06  | 3811257.89         | 0.59342 | (17092524) | 390496.46 |
| 3811237.45 | 0.59304 (17092524) |         |            |           |
| 390507.87  | 3811217.02         | 0.60192 | (17092524) | 390519.28 |
| 3811196.58 | 0.61311 (17092524) |         |            |           |
| 390530.69  | 3811176.15         | 0.62381 | (17092524) | 390542.09 |
| 3811155.71 | 0.63234 (17092524) |         |            |           |
| 390553.50  | 3811135.28         | 0.63754 | (17092524) | 390564.91 |
| 3811114.84 | 0.63170 (17092524) |         |            |           |
| 390576.31  | 3811094.40         | 0.63697 | (17012824) | 390587.72 |
| 3811073.97 | 0.65364 (17012824) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390599.13  | 3811053.53 | 0.66307    | (17012824) | 390610.53 |
| 3811033.10 | 0.67735    | (17012824) |            |           |
| 390621.94  | 3811012.66 | 0.69534    | (17012824) | 390633.35 |
| 3810992.22 | 0.71584    | (17012824) |            |           |
| 390644.75  | 3810971.79 | 0.73578    | (17012824) | 390656.16 |
| 3810951.35 | 0.74961    | (17012824) |            |           |
| 390667.57  | 3810930.92 | 0.76687    | (17012824) | 390678.97 |
| 3810910.48 | 0.79948    | (17012824) |            |           |
| 390690.38  | 3810890.05 | 0.85776    | (16122124) | 390701.79 |
| 3810869.61 | 1.04072    | (16122124) |            |           |
| 390713.19  | 3810849.17 | 1.19588    | (16122124) | 390724.60 |
| 3810828.74 | 1.29964    | (16122124) |            |           |
| 390736.01  | 3810808.30 | 1.31519    | (16122124) | 390747.41 |
| 3810787.87 | 1.30375    | (16122124) |            |           |
| 390758.82  | 3810767.43 | 1.29527    | (16122124) | 390770.23 |
| 3810746.99 | 1.33308    | (16122124) |            |           |
| 390781.63  | 3810726.56 | 1.39982    | (16122124) | 390793.04 |
| 3810706.12 | 1.48314    | (16122124) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1165

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 390804.45   | 3810685.69  | 1.62341    | (16122124) | 390815.85   |
| 3810665.25  | 1.76463     | (16122124) |            |             |
| 390850.52   | 3810642.24  | 1.73950    | (16122124) | 390873.78   |
| 3810639.66  | 1.64027     | (16122124) |            |             |
| 390897.04   | 3810637.08  | 1.59723    | (16122124) | 390920.31   |
| 3810634.50  | 1.55709     | (16122124) |            |             |
| 390943.57   | 3810631.92  | 1.52634    | (16122124) | 390966.83   |
| 3810629.34  | 1.50769     | (16122124) |            |             |
| 390990.09   | 3810626.76  | 1.44675    | (16122124) | 391013.35   |
| 3810624.18  | 1.31931     | (16122124) |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 391036.61  | 3810621.60          | 1.20825             | (16122124) | 391059.87 |
| 3810619.02 | 1.13884 (16122124)  |                     |            |           |
| 391083.13  | 3810616.44          | 1.01903             | (16122124) | 391106.40 |
| 3810613.86 | 0.97887 (19120524)  |                     |            |           |
| 391129.66  | 3810611.28          | 1.02459             | (19120524) | 391152.92 |
| 3810608.70 | 1.03890 (19120524)  |                     |            |           |
| 391176.18  | 3810606.13          | 1.19658             | (16011708) | 391199.44 |
| 3810603.55 | 1.52762 (16011708)  |                     |            |           |
| 391222.70  | 3810600.97          | 1.98445             | (16011708) | 391245.96 |
| 3810598.39 | 2.66613 (16011708)  |                     |            |           |
| 391269.22  | 3810595.81          | 3.65040             | (16011708) | 391292.49 |
| 3810593.23 | 4.83196 (16011708)  |                     |            |           |
| 391315.75  | 3810590.65          | 6.07347             | (16011708) | 391339.01 |
| 3810588.07 | 7.35187 (16011708)  |                     |            |           |
| 391362.27  | 3810585.49          | 8.48216             | (16011708) | 391385.53 |
| 3810582.91 | 8.82559 (16011708)  |                     |            |           |
| 391408.79  | 3810580.33          | 9.06113             | (16011708) | 391432.05 |
| 3810577.75 | 9.20064 (16011708)  |                     |            |           |
| 391455.31  | 3810575.17          | 9.23872             | (16011708) | 391478.58 |
| 3810572.59 | 9.17320 (16011708)  |                     |            |           |
| 391501.84  | 3810570.01          | 9.00547             | (16011708) | 391525.10 |
| 3810567.44 | 8.74036 (16011708)  |                     |            |           |
| 391548.36  | 3810564.86          | 8.38566             | (16011708) | 391571.62 |
| 3810562.28 | 7.95222 (16011708)  |                     |            |           |
| 391594.88  | 3810559.70          | 7.45308             | (16011708) | 391618.14 |
| 3810557.12 | 6.90288 (16011708)  |                     |            |           |
| 391641.40  | 3810554.54          | 6.31718             | (16011708) | 391664.67 |
| 3810551.96 | 5.71144 (16011708)  |                     |            |           |
| 391687.93  | 3810549.38          | 5.09127             | (18092724) | 391711.19 |
| 3810546.80 | 4.97896 (18092724)  |                     |            |           |
| 391734.45  | 3810544.22          | 4.74295             | (18092724) | 391757.71 |
| 3810541.64 | 4.45841 (18092724)  |                     |            |           |
| 391780.97  | 3810539.06          | 4.63025             | (20021208) | 391804.23 |
| 3810536.48 | 4.88274 (20021208)  |                     |            |           |
| 391827.49  | 3810533.90          | 5.08102             | (20021208) | 391850.76 |
| 3810531.32 | 5.21712 (20021208)  |                     |            |           |
| 391874.02  | 3810528.75          | 5.28513             | (20021208) | 391897.28 |
| 3810526.17 | 5.28193 (20021208)  |                     |            |           |
| 391920.54  | 3810523.59          | 5.36004             | (20013024) | 391943.80 |
| 3810521.01 | 5.61183 (20013024)  |                     |            |           |
| 391967.06  | 3810518.43          | 5.73919             | (20013024) | 391990.32 |
| 3810515.85 | 5.64533 (20013024)  |                     |            |           |
| 392013.58  | 3810513.27          | 5.37285             | (20013024) | 392036.85 |
| 3810510.69 | 5.23417m (18120924) |                     |            |           |
| 392060.11  | 3810508.11          | 5.37320m (18120924) |            | 392083.37 |
| 3810505.53 | 5.59180m (18120924) |                     |            |           |
| 392106.63  | 3810502.95          | 5.54287m (18120924) |            | 392129.89 |
| 3810500.37 | 5.76532m (18120924) |                     |            |           |
| 392153.15  | 3810497.79          | 6.00940m (18120924) |            | 392176.41 |
| 3810495.21 | 6.23634m (18120924) |                     |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392199.67  | 3810492.64         | 6.89361 | (18120308) | 392222.94 |
| 3810490.06 | 7.24486 (18120308) |         |            |           |
| 392246.20  | 3810487.48         | 7.29213 | (18120308) | 392269.46 |
| 3810484.90 | 7.20136 (18120308) |         |            |           |
| 392292.72  | 3810482.32         | 6.65315 | (18120308) | 392315.98 |
| 3810479.74 | 6.15841 (18120308) |         |            |           |
| 392339.24  | 3810477.16         | 5.70059 | (20010224) | 392362.50 |
| 3810474.58 | 5.51574 (20010224) |         |            |           |
| 392385.76  | 3810472.00         | 5.48034 | (20010224) | 392409.02 |
| 3810469.42 | 5.68262 (17123108) |         |            |           |
| 392432.29  | 3810466.84         | 5.85530 | (17123108) | 392455.55 |
| 3810464.26 | 5.97536 (17123108) |         |            |           |
| 392478.81  | 3810461.68         | 6.12705 | (17123108) | 392502.07 |
| 3810459.10 | 6.29144 (17123108) |         |            |           |
| 392525.33  | 3810456.52         | 6.37592 | (17123108) | 392548.59 |
| 3810453.95 | 6.34097 (17123108) |         |            |           |
| 392571.85  | 3810451.37         | 6.19840 | (17123108) | 392595.11 |
| 3810448.79 | 5.92403 (17123108) |         |            |           |
| 392618.38  | 3810446.21         | 6.16628 | (17102724) | 392641.64 |
| 3810443.63 | 6.49468 (17102724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1166

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 392664.90   | 3810441.05         | 6.73549    | (17102724) | 392688.16   |
| 3810438.47  | 6.87742 (17102724) |            |            |             |
| 392711.42   | 3810435.89         | 6.91345    | (17102724) | 392734.68   |
| 3810433.31  | 6.84142 (17102724) |            |            |             |
| 392757.94   | 3810430.73         | 6.66420    | (17102724) | 392781.20   |
| 3810428.15  | 6.38951 (17102724) |            |            |             |
| 392804.47   | 3810425.57         | 6.02922    | (17102724) | 392827.73   |
| 3810422.99  | 6.24049 (19020708) |            |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392850.99  | 3810420.41         | 6.65524 | (19020708) | 392874.25 |
| 3810417.83 | 6.98536 (19020708) |         |            |           |
| 392897.51  | 3810415.26         | 7.21550 | (19020708) | 392920.77 |
| 3810412.68 | 7.33450 (19020708) |         |            |           |
| 392944.03  | 3810410.10         | 7.33620 | (19020708) | 392967.29 |
| 3810407.52 | 7.22005 (19020708) |         |            |           |
| 392990.56  | 3810404.94         | 6.99105 | (19020708) | 393013.82 |
| 3810402.36 | 6.65979 (19020708) |         |            |           |
| 393037.08  | 3810399.78         | 6.24112 | (19020708) | 393060.34 |
| 3810397.20 | 6.63266 (17021124) |         |            |           |
| 393083.60  | 3810394.62         | 7.03271 | (17021124) | 393106.86 |
| 3810392.04 | 7.33561 (17021124) |         |            |           |
| 393130.12  | 3810389.46         | 7.52671 | (17021124) | 393153.38 |
| 3810386.88 | 7.59635 (17021124) |         |            |           |
| 393176.65  | 3810384.30         | 7.54066 | (17021124) | 393199.91 |
| 3810381.72 | 7.36201 (17021124) |         |            |           |
| 393223.17  | 3810379.14         | 7.06874 | (17021124) | 393246.43 |
| 3810376.57 | 6.67461 (17021124) |         |            |           |
| 393269.69  | 3810373.99         | 6.63300 | (20031208) | 393292.95 |
| 3810371.41 | 6.55389 (20031208) |         |            |           |
| 393316.21  | 3810368.83         | 6.36781 | (20031208) | 393339.47 |
| 3810366.25 | 6.08361 (20031208) |         |            |           |
| 393362.74  | 3810363.67         | 6.09955 | (16102924) | 393386.00 |
| 3810361.09 | 6.60160 (16102924) |         |            |           |
| 393409.26  | 3810358.51         | 7.02541 | (16102924) | 393432.52 |
| 3810355.93 | 7.35100 (16102924) |         |            |           |
| 393455.78  | 3810353.35         | 7.56236 | (16102924) | 393479.04 |
| 3810350.77 | 7.64869 (16102924) |         |            |           |
| 393502.30  | 3810348.19         | 7.60534 | (16102924) | 393525.56 |
| 3810345.61 | 7.43419 (16102924) |         |            |           |
| 393548.83  | 3810343.03         | 7.46708 | (16040124) | 393572.09 |
| 3810340.45 | 7.63812 (16040124) |         |            |           |
| 393595.35  | 3810337.88         | 7.68064 | (16040124) | 393618.61 |
| 3810335.30 | 7.59215 (16040124) |         |            |           |
| 393641.87  | 3810332.72         | 7.37691 | (16040124) | 393665.13 |
| 3810330.14 | 7.04549 (16040124) |         |            |           |
| 393688.39  | 3810327.56         | 6.61393 | (16040124) | 393711.65 |
| 3810324.98 | 6.15406 (16010224) |         |            |           |
| 393734.91  | 3810322.40         | 6.54990 | (16010224) | 393758.18 |
| 3810319.82 | 6.85205 (16010224) |         |            |           |
| 393781.44  | 3810317.24         | 7.04462 | (16010224) | 393804.70 |
| 3810314.66 | 7.11897 (16010224) |         |            |           |
| 393827.96  | 3810312.08         | 7.07037 | (16010224) | 393851.22 |
| 3810309.50 | 6.90118 (16010224) |         |            |           |
| 393874.48  | 3810306.92         | 6.61990 | (16010224) | 393897.74 |
| 3810304.34 | 6.24045 (16010224) |         |            |           |
| 393921.00  | 3810301.77         | 6.56159 | (17012524) | 393944.27 |
| 3810299.19 | 7.01639 (17012524) |         |            |           |
| 394362.97  | 3810252.76         | 5.96380 | (17121824) | 394386.23 |
| 3810250.18 | 5.71961 (16012124) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394409.49  | 3810247.60         | 5.95166 | (16012124) | 394432.75 |
| 3810245.02 | 6.08596 (16012124) |         |            |           |
| 394456.01  | 3810242.44         | 6.53058 | (17122408) | 394479.27 |
| 3810239.86 | 6.98934 (17122408) |         |            |           |
| 394502.54  | 3810237.28         | 7.35110 | (17122408) | 394525.80 |
| 3810234.70 | 7.59786 (17122408) |         |            |           |
| 394549.06  | 3810232.12         | 7.71741 | (17122408) | 394572.32 |
| 3810229.54 | 7.70377 (17122408) |         |            |           |
| 394595.58  | 3810226.96         | 7.55778 | (17122408) | 394618.84 |
| 3810224.39 | 7.28711 (17122408) |         |            |           |
| 394642.10  | 3810221.81         | 6.90546 | (17122408) | 394665.36 |
| 3810219.23 | 6.43696 (18061208) |         |            |           |
| 394688.63  | 3810216.65         | 6.90951 | (18061208) | 394711.89 |
| 3810214.07 | 7.29120 (18061208) |         |            |           |
| 394735.15  | 3810211.49         | 7.56386 | (18061208) | 394758.41 |
| 3810208.91 | 7.71401 (18061208) |         |            |           |
| 394781.67  | 3810206.33         | 7.73416 | (18061208) | 394804.93 |
| 3810203.75 | 7.62342 (18061208) |         |            |           |
| 394828.19  | 3810201.17         | 7.38759 | (18061208) | 394851.45 |
| 3810198.59 | 7.03861 (18061208) |         |            |           |
| 394874.72  | 3810196.01         | 6.95703 | (20113008) | 394897.98 |
| 3810193.43 | 6.93590 (20113008) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1167

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 394921.24   | 3810190.85         | 6.79786    | (20113008) | 394944.50   |
| 3810188.27  | 6.55012 (20113008) |            |            |             |
| 394967.76   | 3810185.70         | 6.20512    | (20113008) | 394991.02   |
| 3810183.12  | 6.34111 (16010224) |            |            |             |
| 395014.28   | 3810180.54         | 6.80653    | (16010224) | 395037.54   |
| 3810177.96  | 7.18309 (16010224) |            |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3810172.80 | 395060.81 | 3810175.38          | 7.45331  | (16010224) | 395084.07 |
|            |           | 7.60409 (16010224)  |          |            |           |
|            | 395107.33 | 3810170.22          | 7.62842  | (16010224) | 395130.59 |
| 3810167.64 |           | 7.52545 (16010224)  |          |            |           |
|            | 395153.85 | 3810165.06          | 7.30067  | (16010224) | 395177.11 |
| 3810162.48 |           | 6.96540 (16010224)  |          |            |           |
|            | 395200.37 | 3810159.90          | 6.53586  | (16010224) | 395223.63 |
| 3810157.32 |           | 6.58621 (16120408)  |          |            |           |
|            | 395246.89 | 3810154.74          | 6.99678  | (16120408) | 395270.16 |
| 3810152.16 |           | 7.31049 (16120408)  |          |            |           |
|            | 395293.42 | 3810149.58          | 7.51261  | (16120408) | 395316.68 |
| 3810147.01 |           | 7.59393 (16120408)  |          |            |           |
|            | 395339.94 | 3810144.43          | 7.55088  | (16120408) | 395363.20 |
| 3810141.85 |           | 7.38603 (16120408)  |          |            |           |
|            | 395386.46 | 3810139.27          | 7.10775  | (16120408) | 395409.72 |
| 3810136.69 |           | 6.72954 (16120408)  |          |            |           |
|            | 395432.98 | 3810134.11          | 6.26898  | (16120408) | 395456.25 |
| 3810131.53 |           | 6.03749c (17011624) |          |            |           |
|            | 395479.51 | 3810128.95          | 5.88586c | (17011624) | 395502.77 |
| 3810126.37 |           | 5.64639c (17011624) |          |            |           |
|            | 395526.03 | 3810123.79          | 5.44372  | (20031108) | 395549.29 |
| 3810121.21 |           | 5.46452 (20031108)  |          |            |           |
|            | 395572.55 | 3810118.63          | 5.39837  | (20031108) | 395595.81 |
| 3810116.05 |           | 5.37715 (17031708)  |          |            |           |
|            | 395619.07 | 3810113.47          | 5.55772  | (17031708) | 395642.34 |
| 3810110.90 |           | 5.65386 (17031708)  |          |            |           |
|            | 395665.60 | 3810108.32          | 5.66134  | (17031708) | 395688.86 |
| 3810105.74 |           | 6.03167 (16022408)  |          |            |           |
|            | 395712.12 | 3810103.16          | 6.40660  | (16022408) | 395735.38 |
| 3810100.58 |           | 6.72080 (16022408)  |          |            |           |
|            | 395758.64 | 3810098.00          | 6.96869  | (16022408) | 395781.90 |
| 3810095.42 |           | 7.14819 (16022408)  |          |            |           |
|            | 395805.16 | 3810092.84          | 7.26070  | (16022408) | 395828.43 |
| 3810090.26 |           | 7.31073 (16022408)  |          |            |           |
|            | 395851.69 | 3810087.68          | 7.30515  | (16022408) | 395874.95 |
| 3810085.10 |           | 7.30053 (20021824)  |          |            |           |
|            | 395898.21 | 3810082.52          | 7.28944  | (20021824) | 395921.47 |
| 3810079.94 |           | 7.16855 (20021824)  |          |            |           |
|            | 395944.73 | 3810077.36          | 7.05264  | (16010908) | 395967.99 |
| 3810074.78 |           | 7.25466 (16010908)  |          |            |           |
|            | 395991.25 | 3810072.21          | 7.35079  | (16010908) | 396014.52 |
| 3810069.63 |           | 7.33726 (16010908)  |          |            |           |
|            | 396037.78 | 3810067.05          | 7.21530  | (16010908) | 396061.04 |
| 3810064.47 |           | 6.99425 (18020908)  |          |            |           |
|            | 396084.30 | 3810061.89          | 7.19360  | (18020908) | 396107.56 |
| 3810059.31 |           | 7.29000 (18020908)  |          |            |           |
|            | 396130.82 | 3810056.73          | 7.27984  | (18020908) | 396154.08 |
| 3810054.15 |           | 7.16416 (18020908)  |          |            |           |
|            | 396177.34 | 3810051.57          | 6.94855  | (18020908) | 396200.61 |
| 3810048.99 |           | 6.64257 (18020908)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 396223.87  | 3810046.41         | 6.25955 | (18020908) | 396247.13 |
| 3810043.83 | 6.01464 (16012624) |         |            |           |
| 396270.39  | 3810041.25         | 6.37868 | (16012624) | 396293.65 |
| 3810038.67 | 6.66821 (16012624) |         |            |           |
| 396316.91  | 3810036.09         | 6.87204 | (16012624) | 396340.17 |
| 3810033.52 | 6.98232 (16012624) |         |            |           |
| 396363.43  | 3810030.94         | 6.99500 | (16012624) | 396386.70 |
| 3810028.36 | 6.91012 (16012624) |         |            |           |
| 396409.96  | 3810025.78         | 6.73190 | (16012624) | 396433.22 |
| 3810023.20 | 6.91410 (18120424) |         |            |           |
| 396456.48  | 3810020.62         | 7.04232 | (18120424) | 396479.74 |
| 3810018.04 | 7.07468 (18120424) |         |            |           |
| 396503.00  | 3810015.46         | 7.01047 | (18120424) | 396526.26 |
| 3810012.88 | 6.85292 (18120424) |         |            |           |
| 396549.52  | 3810010.30         | 6.61078 | (18120424) | 396572.78 |
| 3810007.72 | 6.29149 (18120424) |         |            |           |
| 396596.05  | 3810005.14         | 5.90877 | (18120424) | 396619.31 |
| 3810002.56 | 6.15404 (18011724) |         |            |           |
| 396642.57  | 3809999.98         | 6.48385 | (18011724) | 396665.83 |
| 3809997.40 | 6.74072 (18011724) |         |            |           |
| 396689.09  | 3809994.83         | 6.91551 | (18011724) | 396712.35 |
| 3809992.25 | 7.00201 (18011724) |         |            |           |
| 396735.61  | 3809989.67         | 6.99752 | (18011724) | 387918.53 |
| 3815855.95 | 1.81415 (20020408) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1168

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 387917.75   | 3815879.42          | 1.89951    | (16060408) | 387916.96   |
| 3815902.90  | 2.17084 (16060408)  |            |            |             |
| 387916.17   | 3815926.37          | 2.36210    | (16060408) | 387915.39   |
| 3815949.84  | 2.57757c (20122908) |            |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 387914.60  | 3815973.31          | 2.67369c (20122908) | 387913.82 |
| 3815996.79 | 2.55858c (20122908) |                     |           |
| 387913.03  | 3816020.26          | 2.38518c (20122908) | 387912.25 |
| 3816043.73 | 2.24075c (20122908) |                     |           |
| 387911.46  | 3816067.20          | 2.18765c (20122908) | 387910.67 |
| 3816090.68 | 2.20724c (20122908) |                     |           |
| 387909.89  | 3816114.15          | 2.26626c (20122908) | 387909.10 |
| 3816137.62 | 2.35883c (20122908) |                     |           |
| 386597.36  | 3815790.89          | 5.20306 (16060408)  | 386608.77 |
| 3815770.44 | 5.09029 (16060408)  |                     |           |
| 386620.19  | 3815750.00          | 4.93715 (16060408)  | 386631.60 |
| 3815729.55 | 4.92419 (19020108)  |                     |           |
| 386643.01  | 3815709.10          | 4.97745 (19020108)  | 386654.43 |
| 3815688.65 | 4.98770 (19020108)  |                     |           |
| 386665.84  | 3815668.21          | 4.96181 (20122524)  | 386677.25 |
| 3815647.76 | 4.90375 (20122524)  |                     |           |
| 386688.66  | 3815627.31          | 4.80978 (20122524)  | 386700.08 |
| 3815606.86 | 4.68377 (20122524)  |                     |           |
| 386711.49  | 3815586.42          | 4.65528 (17122424)  | 386722.90 |
| 3815565.97 | 4.69411 (17122424)  |                     |           |
| 386734.32  | 3815545.52          | 4.69098 (17122424)  | 386745.73 |
| 3815525.07 | 4.64569 (17122424)  |                     |           |
| 386757.14  | 3815504.63          | 4.71408 (16012224)  | 386768.56 |
| 3815484.18 | 4.86834 (16012224)  |                     |           |
| 386779.97  | 3815463.73          | 4.98215 (16012224)  | 386791.38 |
| 3815443.28 | 5.05221 (16012224)  |                     |           |
| 386802.80  | 3815422.84          | 5.07638 (16012224)  | 386814.21 |
| 3815402.39 | 5.05371 (16012224)  |                     |           |
| 386825.62  | 3815381.94          | 4.98456 (16012224)  | 386837.04 |
| 3815361.49 | 4.87056 (16012224)  |                     |           |
| 386848.45  | 3815341.05          | 4.71467 (16012224)  | 386859.86 |
| 3815320.60 | 4.70588 (18091708)  |                     |           |
| 386871.28  | 3815300.15          | 4.73989 (18091708)  | 386882.69 |
| 3815279.71 | 4.73104 (18091708)  |                     |           |
| 386894.10  | 3815259.26          | 4.77541 (20091208)  | 386905.52 |
| 3815238.81 | 4.88375 (20091208)  |                     |           |
| 386916.93  | 3815218.36          | 5.04575 (20091208)  | 386928.34 |
| 3815197.92 | 5.13336 (20091208)  |                     |           |
| 386939.76  | 3815177.47          | 5.15769 (20091208)  | 386951.17 |
| 3815157.02 | 5.07986 (20091208)  |                     |           |
| 386962.58  | 3815136.57          | 5.14573 (20091208)  | 386974.00 |
| 3815116.13 | 5.15727 (20091208)  |                     |           |
| 386985.41  | 3815095.68          | 5.08397 (20091208)  | 386996.82 |
| 3815075.23 | 5.12250 (20122524)  |                     |           |
| 387008.24  | 3815054.78          | 5.12071 (20122524)  | 387019.65 |
| 3815034.34 | 5.01671c (17011624) |                     |           |
| 387031.06  | 3815013.89          | 4.92241c (17011624) | 387042.48 |
| 3814993.44 | 4.84316c (17011624) |                     |           |
| 387053.89  | 3814972.99          | 4.98474c (20101508) | 387065.30 |
| 3814952.55 | 5.00669c (20101508) |                     |           |

|                                                                                                                                                                              |           |            |                     |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|---------------------|-----------|
| 3814911.65                                                                                                                                                                   | 387076.72 | 3814932.10 | 4.90904c (20101508) | 387088.13 |
| 3814870.76                                                                                                                                                                   | 387099.54 | 3814891.20 | 4.32722c (20101508) | 387110.95 |
| 3814829.86                                                                                                                                                                   | 387122.37 | 3814850.31 | 4.03385c (20101508) | 387133.78 |
| 3814788.97                                                                                                                                                                   | 387145.19 | 3814809.42 | 3.78981c (20101508) | 387156.61 |
| 3814748.07                                                                                                                                                                   | 387168.02 | 3814768.52 | 3.99699 (16122308)  | 387179.43 |
| 3814707.18                                                                                                                                                                   | 387190.85 | 3814727.63 | 5.08899 (18031124)  | 387202.26 |
| 3814666.28                                                                                                                                                                   | 387213.67 | 3814686.73 | 6.11272 (18031124)  | 387225.09 |
| 3814625.39                                                                                                                                                                   | 387236.50 | 3814645.84 | 6.79864 (18031124)  | 387247.91 |
| 3814584.49                                                                                                                                                                   | 387259.33 | 3814604.94 | 7.36422 (18031124)  | 387270.74 |
| 3814543.60                                                                                                                                                                   | 387282.15 | 3814564.05 | 7.77202 (18031124)  | 387293.57 |
| 3814502.70                                                                                                                                                                   | 387304.98 | 3814523.15 | 7.99185 (18031124)  | 387316.39 |
| 3814461.81                                                                                                                                                                   | 387327.81 | 3814482.26 | 8.00231 (18031124)  | 387339.22 |
| 3814420.91                                                                                                                                                                   | 387350.63 | 3814441.36 | 7.79416 (18031124)  | 387362.05 |
| *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume<br>Study *** 02/10/26<br>*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study<br>*** 17:54:19 |           |            |                     |           |

PAGE 1169

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH)         | X-COORD (M) |
|-------------|-------------|------------|--------------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |                    |             |
| 3814380.02  | 387373.46   | 3814400.47 | 7.37326 (18031124) | 387384.87   |
|             | 7.08941     | (18031124) |                    |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387396.29  | 3814359.57         | 6.76223 | (18031124) | 387407.70 |
| 3814339.12 | 6.39726 (18031124) |         |            |           |
| 387419.11  | 3814318.68         | 6.00102 | (18031124) | 387430.53 |
| 3814298.23 | 5.58017 (18031124) |         |            |           |
| 387441.94  | 3814277.78         | 5.14246 | (18031124) | 387453.35 |
| 3814257.34 | 5.09270 (16103008) |         |            |           |
| 387464.77  | 3814236.89         | 4.99727 | (16103008) | 387476.18 |
| 3814216.44 | 4.84877 (16103008) |         |            |           |
| 387487.59  | 3814195.99         | 4.65184 | (16103008) | 387499.00 |
| 3814175.55 | 4.44936 (19091724) |         |            |           |
| 387510.42  | 3814155.10         | 4.30828 | (19091724) | 387521.83 |
| 3814134.65 | 4.14662 (19091724) |         |            |           |
| 387533.24  | 3814114.20         | 3.96416 | (19091724) | 387544.66 |
| 3814093.76 | 3.76175 (19091724) |         |            |           |
| 387556.07  | 3814073.31         | 3.54103 | (19091724) | 387567.48 |
| 3814052.86 | 3.42221 (19122524) |         |            |           |
| 387578.90  | 3814032.41         | 3.42469 | (19122524) | 387590.31 |
| 3814011.97 | 3.38801 (19122524) |         |            |           |
| 387601.72  | 3813991.52         | 3.52686 | (19012824) | 387613.14 |
| 3813971.07 | 3.64624 (19012824) |         |            |           |
| 387624.55  | 3813950.62         | 3.72638 | (19012824) | 387635.96 |
| 3813930.18 | 3.96279 (20010724) |         |            |           |
| 387647.38  | 3813909.73         | 4.23290 | (20010724) | 387658.79 |
| 3813889.28 | 4.46927 (20010724) |         |            |           |
| 387670.20  | 3813868.83         | 4.66430 | (20010724) | 387681.62 |
| 3813848.39 | 4.81143 (20010724) |         |            |           |
| 387693.03  | 3813827.94         | 4.90558 | (20010724) | 387704.44 |
| 3813807.49 | 4.94333 (20010724) |         |            |           |
| 387715.86  | 3813787.04         | 5.15836 | (18012224) | 387727.27 |
| 3813766.60 | 5.43309 (18012224) |         |            |           |
| 387738.68  | 3813746.15         | 5.65569 | (18012224) | 387750.10 |
| 3813725.70 | 5.81846 (18012224) |         |            |           |
| 387761.51  | 3813705.26         | 5.91555 | (18012224) | 387772.92 |
| 3813684.81 | 5.94352 (18012224) |         |            |           |
| 387784.34  | 3813664.36         | 5.90116 | (18012224) | 387795.75 |
| 3813643.91 | 5.78981 (18012224) |         |            |           |
| 387807.16  | 3813623.47         | 5.61332 | (18012224) | 387818.58 |
| 3813603.02 | 5.45713 (19091808) |         |            |           |
| 387829.99  | 3813582.57         | 5.53029 | (19091808) | 387841.40 |
| 3813562.12 | 5.53784 (19091808) |         |            |           |
| 387852.82  | 3813541.68         | 5.47940 | (19091808) | 387864.23 |
| 3813521.23 | 5.58099 (17092824) |         |            |           |
| 387875.64  | 3813500.78         | 5.77251 | (17092824) | 387887.06 |
| 3813480.33 | 5.89935 (17092824) |         |            |           |
| 387898.47  | 3813459.89         | 5.95684 | (17092824) | 387909.88 |
| 3813439.44 | 5.94286 (17092824) |         |            |           |
| 387921.29  | 3813418.99         | 5.85777 | (17092824) | 387932.71 |
| 3813398.54 | 5.70446 (17092824) |         |            |           |
| 387944.12  | 3813378.10         | 5.48837 | (17092824) | 387955.53 |
| 3813357.65 | 5.21669 (17092824) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387966.95  | 3813337.20         | 4.96186 | (20021308) | 387978.36 |
| 3813316.75 | 5.28104 (20021308) |         |            |           |
| 387989.77  | 3813296.31         | 5.55290 | (20021308) | 388001.19 |
| 3813275.86 | 5.76844 (20021308) |         |            |           |
| 388012.60  | 3813255.41         | 5.91986 | (20021308) | 388024.01 |
| 3813234.96 | 6.00176 (20021308) |         |            |           |
| 388035.43  | 3813214.52         | 6.01110 | (20021308) | 388046.84 |
| 3813194.07 | 5.94742 (20021308) |         |            |           |
| 388058.25  | 3813173.62         | 5.81297 | (20021308) | 388069.67 |
| 3813153.18 | 5.61254 (20021308) |         |            |           |
| 388081.08  | 3813132.73         | 5.35302 | (20021308) | 388092.49 |
| 3813112.28 | 5.33184 (19083008) |         |            |           |
| 388103.91  | 3813091.83         | 5.31450 | (19083008) | 388115.32 |
| 3813071.39 | 5.23418 (19083008) |         |            |           |
| 388126.73  | 3813050.94         | 5.09360 | (19083008) | 388138.15 |
| 3813030.49 | 4.95246 (18010524) |         |            |           |
| 388149.56  | 3813010.04         | 5.03780 | (18010524) | 388160.97 |
| 3812989.60 | 5.06211 (18010524) |         |            |           |
| 388172.39  | 3812969.15         | 5.02446 | (18010524) | 388183.80 |
| 3812948.70 | 4.92618 (18010524) |         |            |           |
| 388195.21  | 3812928.25         | 4.77079 | (18010524) | 388206.63 |
| 3812907.81 | 4.56385 (18010524) |         |            |           |
| 388218.04  | 3812887.36         | 4.31242 | (18010524) | 388229.45 |
| 3812866.91 | 4.28001 (18050708) |         |            |           |
| 388240.87  | 3812846.46         | 4.07042 | (18050708) | 388252.28 |
| 3812826.02 | 3.57350 (18050708) |         |            |           |
| 388263.69  | 3812805.57         | 3.01019 | (18050708) | 388275.11 |
| 3812785.12 | 2.63411 (17031508) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1170

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388286.52  | 3812764.67          | 2.36137  | (20030124) | 388297.93 |
| 3812744.23 | 2.08489 (20030124)  |          |            |           |
| 388309.35  | 3812723.78          | 1.81186  | (20030124) | 388320.76 |
| 3812703.33 | 1.54941 (20030124)  |          |            |           |
| 388332.17  | 3812682.88          | 1.31797  | (20030124) | 388343.58 |
| 3812662.44 | 1.10914 (20030124)  |          |            |           |
| 388355.00  | 3812641.99          | 0.92779  | (20030124) | 388366.41 |
| 3812621.54 | 0.77637 (20030124)  |          |            |           |
| 388377.82  | 3812601.10          | 0.66105c | (17011624) | 388389.24 |
| 3812580.65 | 0.60425c (17011624) |          |            |           |
| 388400.65  | 3812560.20          | 0.55755c | (17011624) | 388412.06 |
| 3812539.75 | 0.50634c (17011624) |          |            |           |
| 388423.48  | 3812519.31          | 0.47595c | (17011624) | 388434.89 |
| 3812498.86 | 0.45611 (19011224)  |          |            |           |
| 388446.30  | 3812478.41          | 0.44940  | (19011224) | 388457.72 |
| 3812457.96 | 0.44766 (19121716)  |          |            |           |
| 388469.13  | 3812437.52          | 0.45757  | (19121716) | 388480.54 |
| 3812417.07 | 0.46564 (19121716)  |          |            |           |
| 388491.96  | 3812396.62          | 0.47379  | (19121716) | 388503.37 |
| 3812376.17 | 0.48494 (19121716)  |          |            |           |
| 388514.78  | 3812355.73          | 0.49770  | (19121716) | 388526.20 |
| 3812335.28 | 0.51357 (19121716)  |          |            |           |
| 388537.61  | 3812314.83          | 0.52184  | (19121716) | 388549.02 |
| 3812294.38 | 0.52440 (19121716)  |          |            |           |
| 388560.44  | 3812273.94          | 0.51915  | (19121716) | 388571.85 |
| 3812253.49 | 0.51450 (19121716)  |          |            |           |
| 388583.26  | 3812233.04          | 0.51343  | (19121716) | 388594.68 |
| 3812212.59 | 0.51660 (19121716)  |          |            |           |
| 388606.09  | 3812192.15          | 0.51948  | (19121716) | 388617.50 |
| 3812171.70 | 0.52167 (19121716)  |          |            |           |
| 388628.92  | 3812151.25          | 0.52362  | (19121716) | 388640.33 |
| 3812130.80 | 0.52489 (19121716)  |          |            |           |
| 388651.74  | 3812110.36          | 0.52529  | (19121716) | 388663.16 |
| 3812089.91 | 0.52446 (19121716)  |          |            |           |
| 388674.57  | 3812069.46          | 0.52243  | (19121716) | 388685.98 |
| 3812049.02 | 0.51957 (19121716)  |          |            |           |
| 388697.40  | 3812028.57          | 0.51567  | (19121716) | 388708.81 |
| 3812008.12 | 0.51050 (19121716)  |          |            |           |
| 388720.22  | 3811987.67          | 0.50383  | (19121716) | 388731.64 |
| 3811967.23 | 0.49472 (19121716)  |          |            |           |
| 388743.05  | 3811946.78          | 0.48313  | (19121716) | 388754.46 |
| 3811926.33 | 0.47189 (19121716)  |          |            |           |
| 388765.87  | 3811905.88          | 0.46063  | (19121716) | 388777.29 |
| 3811885.44 | 0.45187 (19121716)  |          |            |           |
| 388788.70  | 3811864.99          | 0.44718  | (19121716) | 388800.11 |
| 3811844.54 | 0.44456 (19121716)  |          |            |           |
| 388811.53  | 3811824.09          | 0.43731  | (19121716) | 388822.94 |
| 3811803.65 | 0.42856 (19121716)  |          |            |           |
| 388834.35  | 3811783.20          | 0.41820  | (19121716) | 388845.77 |
| 3811762.75 | 0.41375 (20020416)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 388857.18  | 3811742.30 | 0.41387    | (20020416) | 388868.59 |
| 3811721.86 | 0.41451    | (20020416) |            |           |
| 388880.01  | 3811701.41 | 0.41431    | (20020416) | 388891.42 |
| 3811680.96 | 0.41075    | (20020416) |            |           |
| 388902.83  | 3811660.51 | 0.39980    | (20020416) | 388914.25 |
| 3811640.07 | 0.39224    | (20020416) |            |           |
| 388925.66  | 3811619.62 | 0.38778    | (20020416) | 388937.07 |
| 3811599.17 | 0.38315    | (20020416) |            |           |
| 388948.49  | 3811578.73 | 0.37705    | (20020416) | 388959.90 |
| 3811558.28 | 0.36955    | (20020416) |            |           |
| 388971.31  | 3811537.83 | 0.36190    | (20020416) | 388982.73 |
| 3811517.38 | 0.35209    | (20020416) |            |           |
| 388994.14  | 3811496.94 | 0.34091    | (20020416) | 389005.55 |
| 3811476.49 | 0.33347    | (20020416) |            |           |
| 389016.97  | 3811456.04 | 0.32447    | (20020416) | 389028.38 |
| 3811435.59 | 0.31655    | (18112616) |            |           |
| 389039.79  | 3811415.15 | 0.31937    | (18112616) | 389051.21 |
| 3811394.70 | 0.32447    | (18112616) |            |           |
| 389062.62  | 3811374.25 | 0.33029    | (18112616) | 389074.03 |
| 3811353.80 | 0.33467    | (18112616) |            |           |
| 389085.45  | 3811333.36 | 0.33656    | (18112616) | 389096.86 |
| 3811312.91 | 0.33653    | (18112616) |            |           |
| 389108.27  | 3811292.46 | 0.33666    | (18112616) | 389119.69 |
| 3811272.01 | 0.33781    | (18112616) |            |           |
| 389131.10  | 3811251.57 | 0.37127    | (18030624) | 389142.51 |
| 3811231.12 | 0.42105    | (17012524) |            |           |
| 389153.93  | 3811210.67 | 0.46385    | (17012524) | 389165.34 |
| 3811190.22 | 0.49997    | (17012524) |            |           |
| 389176.75  | 3811169.78 | 0.55257    | (17012524) | 389188.16 |
| 3811149.33 | 0.60073    | (17012524) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1171

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |  |
|------------|--------------------|---------|------------|-----------|--|
| -----      |                    |         |            |           |  |
| 389199.58  | 3811128.88         | 0.65082 | (17012524) | 389210.99 |  |
| 3811108.43 | 0.67229 (17012524) |         |            |           |  |
| 389222.40  | 3811087.99         | 0.68858 | (17012524) | 389233.82 |  |
| 3811067.54 | 0.68908 (17012524) |         |            |           |  |
| 389245.23  | 3811047.09         | 0.65742 | (17012524) | 389256.64 |  |
| 3811026.65 | 0.61607 (17012524) |         |            |           |  |
| 389268.06  | 3811006.20         | 0.57445 | (17012524) | 389279.47 |  |
| 3810985.75 | 0.52819 (17012524) |         |            |           |  |
| 389290.88  | 3810965.30         | 0.51065 | (17012524) | 389302.30 |  |
| 3810944.86 | 0.53727 (17012524) |         |            |           |  |
| 389313.71  | 3810924.41         | 0.53497 | (17012524) | 389325.12 |  |
| 3810903.96 | 0.50422 (17012524) |         |            |           |  |
| 389336.54  | 3810883.51         | 0.49117 | (17012524) | 389347.95 |  |
| 3810863.07 | 0.50083 (19011508) |         |            |           |  |
| 389359.36  | 3810842.62         | 0.58307 | (19011508) | 389370.78 |  |
| 3810822.17 | 0.68153 (19011508) |         |            |           |  |
| 389382.19  | 3810801.72         | 0.77824 | (19011508) | 389393.60 |  |
| 3810781.28 | 0.85002 (19011508) |         |            |           |  |
| 389405.02  | 3810760.83         | 0.84019 | (19011508) | 389416.43 |  |
| 3810740.38 | 0.89865 (19011508) |         |            |           |  |
| 389427.84  | 3810719.93         | 1.00454 | (19011508) | 389439.26 |  |
| 3810699.49 | 1.05949 (19011508) |         |            |           |  |
| 389450.67  | 3810679.04         | 1.12076 | (19011508) | 389462.08 |  |
| 3810658.59 | 1.09146 (19011508) |         |            |           |  |
| 389473.50  | 3810638.14         | 0.97106 | (19011508) | 389484.91 |  |
| 3810617.70 | 0.75902 (19011508) |         |            |           |  |
| 389496.32  | 3810597.25         | 0.57109 | (19011508) | 389507.74 |  |
| 3810576.80 | 0.45796 (19011508) |         |            |           |  |
| 389519.15  | 3810556.35         | 0.43125 | (17092524) | 389530.56 |  |
| 3810535.91 | 0.45723 (17092524) |         |            |           |  |
| 389541.98  | 3810515.46         | 0.50794 | (17092524) | 389553.39 |  |
| 3810495.01 | 0.54405 (17092524) |         |            |           |  |
| 389564.80  | 3810474.57         | 0.56814 | (17092524) | 389576.22 |  |
| 3810454.12 | 0.59400 (17092524) |         |            |           |  |
| 389587.63  | 3810433.67         | 0.64463 | (17092524) | 389599.04 |  |
| 3810413.22 | 0.69447 (17092524) |         |            |           |  |
| 389610.45  | 3810392.78         | 0.69180 | (17092524) | 389621.87 |  |
| 3810372.33 | 0.69398 (17092524) |         |            |           |  |
| 389633.28  | 3810351.88         | 0.71930 | (17092524) | 389644.69 |  |
| 3810331.43 | 0.72365 (17092524) |         |            |           |  |
| 389656.11  | 3810310.99         | 0.73656 | (17092524) | 389667.52 |  |
| 3810290.54 | 0.73380 (17092524) |         |            |           |  |
| 389678.93  | 3810270.09         | 0.74355 | (17092524) | 389690.35 |  |
| 3810249.64 | 0.75800 (17092524) |         |            |           |  |
| 389701.76  | 3810229.20         | 0.74858 | (17092524) | 389713.17 |  |
| 3810208.75 | 0.76877 (17092524) |         |            |           |  |
| 389724.59  | 3810188.30         | 0.76942 | (17092524) | 389736.00 |  |
| 3810167.85 | 0.81135 (17092524) |         |            |           |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389747.41  | 3810147.41         | 0.82888 | (17092524) | 389758.83 |
| 3810126.96 | 0.83675 (17092524) |         |            |           |
| 389770.24  | 3810106.51         | 0.81904 | (17092524) | 389781.65 |
| 3810086.06 | 0.85416 (17012824) |         |            |           |
| 389793.07  | 3810065.62         | 0.93122 | (17012824) | 389804.48 |
| 3810045.17 | 1.09926 (16110424) |         |            |           |
| 389815.89  | 3810024.72         | 1.50675 | (16110424) | 389827.31 |
| 3810004.27 | 2.02394 (16110424) |         |            |           |
| 389838.72  | 3809983.83         | 2.31538 | (16110424) | 389850.13 |
| 3809963.38 | 2.50232 (16110424) |         |            |           |
| 389861.55  | 3809942.93         | 2.61134 | (16110424) | 389872.96 |
| 3809922.49 | 2.69847 (16110424) |         |            |           |
| 389884.37  | 3809902.04         | 2.73566 | (16110424) | 389895.79 |
| 3809881.59 | 2.92797 (16122124) |         |            |           |
| 389907.20  | 3809861.14         | 3.17396 | (16122124) | 389918.61 |
| 3809840.70 | 3.41305 (16122124) |         |            |           |
| 389930.03  | 3809820.25         | 3.65510 | (16122124) | 389941.44 |
| 3809799.80 | 3.89587 (16122124) |         |            |           |
| 389952.85  | 3809779.35         | 4.12809 | (16122124) | 389964.27 |
| 3809758.91 | 4.34582 (16122124) |         |            |           |
| 389975.68  | 3809738.46         | 4.54018 | (16122124) | 389987.09 |
| 3809718.01 | 4.69100 (16122124) |         |            |           |
| 389998.51  | 3809697.56         | 4.80949 | (16122124) | 390009.92 |
| 3809677.12 | 4.89682 (16122124) |         |            |           |
| 390021.33  | 3809656.67         | 4.92921 | (16122124) | 390032.74 |
| 3809636.22 | 4.85119 (16122124) |         |            |           |
| 390044.16  | 3809615.77         | 4.67535 | (16122124) | 390055.57 |
| 3809595.33 | 4.36776 (16122124) |         |            |           |
| 390066.98  | 3809574.88         | 3.96898 | (16122124) | 390078.40 |
| 3809554.43 | 3.84192 (16122124) |         |            |           |
| 390113.09  | 3809531.40         | 3.74180 | (16122124) | 390136.36 |
| 3809528.82 | 3.59082 (16122124) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1172

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 390159.63                  | 3809526.24                     | 3.40014 | (16122124) | 390182.91   |
| 3809523.66                 | 3.18636 (16122124)             |         |            |             |
| 390206.18                  | 3809521.08                     | 3.25595 | (17021608) | 390229.46   |
| 3809518.50                 | 3.33720 (17021608)             |         |            |             |
| 390252.73                  | 3809515.92                     | 3.39673 | (17021608) | 390276.01   |
| 3809513.34                 | 3.40993 (17021608)             |         |            |             |
| 390299.28                  | 3809510.76                     | 3.34915 | (17021608) | 390322.56   |
| 3809508.18                 | 3.17909 (17021608)             |         |            |             |
| 390345.83                  | 3809505.60                     | 2.91577 | (17021608) | 390369.10   |
| 3809503.02                 | 2.63722 (17021608)             |         |            |             |
| 390392.38                  | 3809500.43                     | 2.41719 | (17021608) | 390415.65   |
| 3809497.85                 | 2.27484 (17051824)             |         |            |             |
| 390438.93                  | 3809495.27                     | 2.22121 | (17051824) | 390462.20   |
| 3809492.69                 | 2.32186 (16011708)             |         |            |             |
| 390485.48                  | 3809490.11                     | 2.49673 | (16011708) | 390508.75   |
| 3809487.53                 | 2.66117 (16011708)             |         |            |             |
| 390532.02                  | 3809484.95                     | 2.70821 | (16011708) | 390555.30   |
| 3809482.37                 | 3.11968 (16011708)             |         |            |             |
| 390578.57                  | 3809479.79                     | 3.43760 | (16011708) | 390601.85   |
| 3809477.21                 | 3.76755 (16011708)             |         |            |             |
| 390625.12                  | 3809474.63                     | 4.10896 | (16011708) | 390648.40   |
| 3809472.05                 | 4.28908 (16011708)             |         |            |             |
| 390671.67                  | 3809469.46                     | 4.38747 | (16011708) | 390694.95   |
| 3809466.88                 | 4.59668 (16011708)             |         |            |             |
| 390718.22                  | 3809464.30                     | 4.81922 | (16011708) | 390741.49   |
| 3809461.72                 | 4.98179 (16011708)             |         |            |             |
| 390764.77                  | 3809459.14                     | 5.36997 | (16011708) | 390788.04   |
| 3809456.56                 | 5.87901 (16011708)             |         |            |             |
| 390811.32                  | 3809453.98                     | 5.89990 | (16011708) | 390834.59   |
| 3809451.40                 | 5.89605 (16011708)             |         |            |             |
| 390857.87                  | 3809448.82                     | 5.83353 | (16011708) | 390881.14   |
| 3809446.24                 | 5.68889 (16011708)             |         |            |             |
| 390904.42                  | 3809443.66                     | 5.47065 | (16011708) | 390927.69   |
| 3809441.08                 | 5.20537 (16011708)             |         |            |             |
| 390950.96                  | 3809438.50                     | 4.94288 | (16011708) | 390974.24   |
| 3809435.91                 | 4.65952 (16011708)             |         |            |             |
| 390997.51                  | 3809433.33                     | 4.28735 | (16011708) | 391020.79   |
| 3809430.75                 | 3.89739 (16011708)             |         |            |             |
| 391044.06                  | 3809428.17                     | 3.50540 | (16011708) | 391067.34   |
| 3809425.59                 | 3.13286 (16011708)             |         |            |             |
| 391090.61                  | 3809423.01                     | 2.84501 | (18092724) | 391113.88   |
| 3809420.43                 | 2.57415 (18092724)             |         |            |             |
| 391137.16                  | 3809417.85                     | 2.30983 | (18092724) | 391160.43   |
| 3809415.27                 | 2.15030 (19112424)             |         |            |             |
| 391183.71                  | 3809412.69                     | 2.11534 | (20021208) | 391206.98   |
| 3809410.11                 | 2.06327 (20021208)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391230.26  | 3809407.53 | 2.04707    | (20021208) | 391253.53 |
| 3809404.95 | 2.16317    | (20021208) |            |           |
| 391276.81  | 3809402.36 | 2.38498    | (20021208) | 391300.08 |
| 3809399.78 | 2.70619    | (20021208) |            |           |
| 391323.35  | 3809397.20 | 2.85282    | (20021208) | 391346.63 |
| 3809394.62 | 2.83825    | (20021208) |            |           |
| 391369.90  | 3809392.04 | 2.84597    | (20013024) | 391393.18 |
| 3809389.46 | 2.75684    | (20013024) |            |           |
| 391416.45  | 3809386.88 | 2.52283    | (20013024) | 391439.73 |
| 3809384.30 | 2.44946    | (20013024) |            |           |
| 391463.00  | 3809381.72 | 2.61514    | (20013024) | 391486.28 |
| 3809379.14 | 2.88328m   | (18120924) |            |           |
| 391509.55  | 3809376.56 | 3.14401m   | (18120924) | 391532.82 |
| 3809373.98 | 3.22906m   | (18120924) |            |           |
| 391556.10  | 3809371.40 | 3.44488m   | (18120924) | 391579.37 |
| 3809368.81 | 3.81618m   | (18120924) |            |           |
| 391602.65  | 3809366.23 | 3.90729m   | (18120924) | 391625.92 |
| 3809363.65 | 3.87434m   | (18120924) |            |           |
| 391649.20  | 3809361.07 | 3.86522m   | (18120924) | 391672.47 |
| 3809358.49 | 3.83677    | (18120308) |            |           |
| 391695.75  | 3809355.91 | 4.01723    | (18120308) | 391719.02 |
| 3809353.33 | 4.18359    | (18120308) |            |           |
| 391742.29  | 3809350.75 | 4.25717    | (18120308) | 391765.57 |
| 3809348.17 | 4.22053    | (18120308) |            |           |
| 391788.84  | 3809345.59 | 4.20495    | (18120308) | 391812.12 |
| 3809343.01 | 4.22394    | (18120308) |            |           |
| 391835.39  | 3809340.43 | 4.25696    | (18120308) | 391858.67 |
| 3809337.84 | 4.27993    | (20010224) |            |           |
| 391881.94  | 3809335.26 | 4.29453    | (20010224) | 391905.21 |
| 3809332.68 | 4.40970    | (20010224) |            |           |
| 391928.49  | 3809330.10 | 4.56500    | (17123108) | 391951.76 |
| 3809327.52 | 4.76318    | (17123108) |            |           |
| 391975.04  | 3809324.94 | 4.88892    | (17123108) | 391998.31 |
| 3809322.36 | 4.96976    | (17123108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1173

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------------------------------|--------------------|-------------|
| 392021.59                  | 3809319.78                        | 5.08401 (17123108) | 392044.86   |
| 3809317.20                 | 5.21090 (17123108)                |                    |             |
| 392068.14                  | 3809314.62                        | 5.09228 (17123108) | 392091.41   |
| 3809312.04                 | 4.81500 (17123108)                |                    |             |
| 392114.68                  | 3809309.46                        | 4.71839 (17123108) | 392137.96   |
| 3809306.88                 | 4.59890 (17123108)                |                    |             |
| 392161.23                  | 3809304.29                        | 4.36775 (17123108) | 392184.51   |
| 3809301.71                 | 4.66201 (17102724)                |                    |             |
| 392207.78                  | 3809299.13                        | 4.88796 (17102724) | 392231.06   |
| 3809296.55                 | 5.04681 (17102724)                |                    |             |
| 392254.33                  | 3809293.97                        | 5.20133 (17102724) | 392277.61   |
| 3809291.39                 | 5.35066 (17102724)                |                    |             |
| 392300.88                  | 3809288.81                        | 5.44531 (17102724) | 392324.15   |
| 3809286.23                 | 5.46594 (17102724)                |                    |             |
| 392347.43                  | 3809283.65                        | 5.36467 (17102724) | 392370.70   |
| 3809281.07                 | 5.15173 (17102724)                |                    |             |
| 392393.98                  | 3809278.49                        | 4.95909 (17102724) | 392417.25   |
| 3809275.91                 | 4.74971 (19020708)                |                    |             |
| 392440.53                  | 3809273.33                        | 5.07115 (19020708) | 392463.80   |
| 3809270.74                 | 5.35162 (19020708)                |                    |             |
| 392487.07                  | 3809268.16                        | 5.58206 (19020708) | 392510.35   |
| 3809265.58                 | 5.75471 (19020708)                |                    |             |
| 392533.62                  | 3809263.00                        | 5.86334 (19020708) | 392556.90   |
| 3809260.42                 | 5.90403 (19020708)                |                    |             |
| 392580.17                  | 3809257.84                        | 5.87509 (19020708) | 392603.45   |
| 3809255.26                 | 5.77728 (19020708)                |                    |             |
| 392626.72                  | 3809252.68                        | 5.61388 (19020708) | 392650.00   |
| 3809250.10                 | 5.39023 (19020708)                |                    |             |
| 392673.27                  | 3809247.52                        | 5.11391 (19020708) | 392696.54   |
| 3809244.94                 | 5.10323 (17021124)                |                    |             |
| 392719.82                  | 3809242.36                        | 5.41689 (17021124) | 392743.09   |
| 3809239.78                 | 5.68123 (17021124)                |                    |             |
| 392766.37                  | 3809237.19                        | 5.88743 (17021124) | 392789.64   |
| 3809234.61                 | 6.02795 (17021124)                |                    |             |
| 392812.92                  | 3809232.03                        | 6.09776 (17021124) | 392836.19   |
| 3809229.45                 | 6.09408 (17021124)                |                    |             |
| 392859.47                  | 3809226.87                        | 6.01683 (17021124) | 392882.74   |
| 3809224.29                 | 5.86867 (17021124)                |                    |             |
| 392906.01                  | 3809221.71                        | 5.65467 (17021124) | 392929.29   |
| 3809219.13                 | 5.38203 (17021124)                |                    |             |
| 392952.56                  | 3809216.55                        | 5.32501 (20031208) | 392975.84   |
| 3809213.97                 | 5.29772 (20031208)                |                    |             |
| 392999.11                  | 3809211.39                        | 5.20622 (20031208) | 393022.39   |
| 3809208.81                 | 5.05360 (20031208)                |                    |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393045.66  | 3809206.22         | 4.84527 | (20031208) | 393068.93 |
| 3809203.64 | 4.82156 (16102924) |         |            |           |
| 393092.21  | 3809201.06         | 5.17867 | (16102924) | 393115.48 |
| 3809198.48 | 5.49379 (16102924) |         |            |           |
| 393138.76  | 3809195.90         | 5.75653 | (16102924) | 393162.03 |
| 3809193.32 | 5.95740 (16102924) |         |            |           |
| 393185.31  | 3809190.74         | 6.08921 | (16102924) | 393208.58 |
| 3809188.16 | 6.14690 (16102924) |         |            |           |
| 393231.86  | 3809185.58         | 6.12822 | (16102924) | 393255.13 |
| 3809183.00 | 6.03373 (16102924) |         |            |           |
| 393278.40  | 3809180.42         | 5.87684 | (16040124) | 393301.68 |
| 3809177.84 | 6.04891 (16040124) |         |            |           |
| 393324.95  | 3809175.26         | 6.14857 | (16040124) | 393348.23 |
| 3809172.67 | 6.17209 (16040124) |         |            |           |
| 393371.50  | 3809170.09         | 6.11842 | (16040124) | 393394.78 |
| 3809167.51 | 5.98939 (16040124) |         |            |           |
| 393418.05  | 3809164.93         | 5.78976 | (16040124) | 393441.33 |
| 3809162.35 | 5.52652 (16040124) |         |            |           |
| 393464.60  | 3809159.77         | 5.20913 | (16040124) | 393487.87 |
| 3809157.19 | 4.92155 (16010224) |         |            |           |
| 393511.15  | 3809154.61         | 5.20087 | (16010224) | 393534.42 |
| 3809152.03 | 5.42691 (16010224) |         |            |           |
| 393557.70  | 3809149.45         | 5.59129 | (16010224) | 393976.64 |
| 3809102.99 | 5.67262 (16122608) |         |            |           |
| 393999.91  | 3809100.41         | 5.61257 | (16122608) | 394023.19 |
| 3809097.83 | 5.64923 (17121824) |         |            |           |
| 394046.46  | 3809095.25         | 5.89579 | (17121824) | 394069.73 |
| 3809092.67 | 6.07485 (17121824) |         |            |           |
| 394093.01  | 3809090.09         | 6.17975 | (17121824) | 394116.28 |
| 3809087.51 | 6.20646 (17121824) |         |            |           |
| 394139.56  | 3809084.93         | 6.15397 | (17121824) | 394162.83 |
| 3809082.35 | 6.02434 (17121824) |         |            |           |
| 394186.11  | 3809079.77         | 5.82237 | (17121824) | 394209.38 |
| 3809077.19 | 5.55569 (17121824) |         |            |           |
| 394232.66  | 3809074.60         | 5.23367 | (17121824) | 394255.93 |
| 3809072.02 | 4.86778 (17121824) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1174

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*



\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|---------|------------|-------------|
| -----       |             |                     |            |         |            |             |
| 3809066.86  | 394279.20   | 3809069.44          | (16012124) | 4.46992 | (17121824) | 394302.48   |
| 3809061.70  | 394325.75   | 3809064.28          | (16012124) | 4.80329 | (16012124) | 394349.03   |
| 3809056.54  | 394372.30   | 3809059.12          | (17122408) | 5.18297 | (17122408) | 394395.58   |
| 3809051.38  | 394418.85   | 3809053.96          | (17122408) | 5.78669 | (17122408) | 394442.12   |
| 3809046.22  | 394465.40   | 3809048.80          | (17122408) | 6.13912 | (17122408) | 394488.67   |
| 3809041.05  | 394511.95   | 3809043.64          | (17122408) | 6.18943 | (17122408) | 394535.22   |
| 3809035.89  | 394558.50   | 3809038.47          | (17122408) | 5.93070 | (17122408) | 394581.77   |
| 3809030.73  | 394605.05   | 3809033.31          | (17122408) | 5.40154 | (17122408) | 394628.32   |
| 3809025.57  | 394651.59   | 3809028.15          | (18061208) | 5.53444 | (18061208) | 394674.87   |
| 3809020.41  | 394698.14   | 3809022.99          | (18061208) | 6.01607 | (18061208) | 394721.42   |
| 3809015.25  | 394744.69   | 3809017.83          | (18061208) | 6.22111 | (18061208) | 394767.97   |
| 3809010.09  | 394791.24   | 3809012.67          | (18061208) | 6.12002 | (18061208) | 394814.52   |
| 3809004.92  | 394837.79   | 3809007.50          | (18061208) | 5.72820 | (18061208) | 394861.06   |
| 3808999.76  | 394884.34   | 3809002.34          | (20113008) | 5.58907 | (20113008) | 394907.61   |
| 3808994.60  | 394930.89   | 3808997.18          | (20113008) | 5.43814 | (20113008) | 394954.16   |
| 3808989.44  | 394977.44   | 3808992.02          | (20113008) | 5.03395 | (20113008) | 395000.71   |
| 3808984.28  | 395023.99   | 3808986.86          | (16010224) | 5.23682 | (16010224) | 395047.26   |
| 3808979.12  | 395070.53   | 3808981.70          | (16010224) | 5.79013 | (16010224) | 395093.81   |
| 3808973.95  | 395117.08   | 3808976.53          | (16010224) | 6.09240 | (16010224) | 395140.36   |
| 3808968.79  | 395163.63   | 3808971.37          | (16010224) | 6.10186 | (16010224) | 395186.91   |
| 3808963.63  | 395210.18   | 3808966.21          | (16010224) | 5.81852 | (16010224) | 395233.45   |
|             |             | 5.57865             | (16010224) |         |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 395256.73  | 3808961.05          | 5.28377             | (16010224) | 395280.00 |
| 3808958.47 | 5.13715 (16120408)  |                     |            |           |
| 395303.28  | 3808955.89          | 5.44741             | (16120408) | 395326.55 |
| 3808953.31 | 5.70625 (16120408)  |                     |            |           |
| 395349.83  | 3808950.73          | 5.90524             | (16120408) | 395373.10 |
| 3808948.15 | 6.03746 (16120408)  |                     |            |           |
| 395396.38  | 3808945.57          | 6.09852             | (16120408) | 395419.65 |
| 3808942.98 | 6.08638 (16120408)  |                     |            |           |
| 395442.92  | 3808940.40          | 6.00176             | (16120408) | 395466.20 |
| 3808937.82 | 5.84779 (16120408)  |                     |            |           |
| 395489.47  | 3808935.24          | 5.63020             | (16120408) | 395512.75 |
| 3808932.66 | 5.35644 (16120408)  |                     |            |           |
| 395536.02  | 3808930.08          | 5.03597             | (16120408) | 395559.30 |
| 3808927.50 | 4.85049c (17011624) |                     |            |           |
| 395582.57  | 3808924.92          | 4.76621c (17011624) |            | 395605.85 |
| 3808922.34 | 4.62836c (17011624) |                     |            |           |
| 395629.12  | 3808919.76          | 4.44195c (17011624) |            | 395652.39 |
| 3808917.18 | 4.36913 (20031108)  |                     |            |           |
| 395675.67  | 3808914.60          | 4.38197             | (20031108) | 395698.94 |
| 3808912.02 | 4.34366 (20031108)  |                     |            |           |
| 395722.22  | 3808909.43          | 4.25569             | (20031108) | 395745.49 |
| 3808906.85 | 4.38288 (17031708)  |                     |            |           |
| 395768.77  | 3808904.27          | 4.48686             | (17031708) | 395792.04 |
| 3808901.69 | 4.54022 (17031708)  |                     |            |           |
| 395815.31  | 3808899.11          | 4.54137             | (17031708) | 395838.59 |
| 3808896.53 | 4.74190 (16022408)  |                     |            |           |
| 395861.86  | 3808893.95          | 5.00724             | (16022408) | 395885.14 |
| 3808891.37 | 5.23825 (16022408)  |                     |            |           |
| 395908.41  | 3808888.79          | 5.43117             | (16022408) | 395931.69 |
| 3808886.21 | 5.58413 (16022408)  |                     |            |           |
| 395954.96  | 3808883.63          | 5.69652             | (16022408) | 395978.24 |
| 3808881.05 | 5.76947 (16022408)  |                     |            |           |
| 396001.51  | 3808878.47          | 5.80533             | (16022408) | 396024.78 |
| 3808875.88 | 5.80767 (16022408)  |                     |            |           |
| 396048.06  | 3808873.30          | 5.83078             | (20021824) | 396071.33 |
| 3808870.72 | 5.87749 (20021824)  |                     |            |           |
| 396094.61  | 3808868.14          | 5.85872             | (20021824) | 396117.88 |
| 3808865.56 | 5.77539 (20021824)  |                     |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1175

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|--------------------|----------------|------------|--------------------|--|
|             |                    | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |  |
| -----       |                    |                |            |                    |  |
| 396141.16   | 3808862.98         | 5.63044        | (20021824) | 396164.43          |  |
| 3808860.40  | 5.76964 (16010908) |                |            |                    |  |
| 396187.71   | 3808857.82         | 5.87479        | (16010908) | 396210.98          |  |
| 3808855.24  | 5.91626 (16010908) |                |            |                    |  |
| 396234.25   | 3808852.66         | 5.89305        | (16010908) | 396257.53          |  |
| 3808850.08  | 5.80616 (16010908) |                |            |                    |  |
| 396280.80   | 3808847.50         | 5.65876        | (16010908) | 396304.08          |  |
| 3808844.91  | 5.72914 (18020908) |                |            |                    |  |
| 396327.35   | 3808842.33         | 5.83073        | (18020908) | 396350.63          |  |
| 3808839.75  | 5.87038 (18020908) |                |            |                    |  |
| 396373.90   | 3808837.17         | 5.84708        | (18020908) | 396397.18          |  |
| 3808834.59  | 5.76186 (18020908) |                |            |                    |  |
| 396420.45   | 3808832.01         | 5.61779        | (18020908) | 396443.72          |  |
| 3808829.43  | 5.41960 (18020908) |                |            |                    |  |
| 396467.00   | 3808826.85         | 5.17345        | (18020908) | 396490.27          |  |
| 3808824.27  | 4.88702 (18020908) |                |            |                    |  |
| 396513.55   | 3808821.69         | 4.86571        | (16012624) | 396536.82          |  |
| 3808819.11  | 5.11558 (16012624) |                |            |                    |  |
| 396560.10   | 3808816.53         | 5.32209        | (16012624) | 396583.37          |  |
| 3808813.95  | 5.47917 (16012624) |                |            |                    |  |
| 396606.64   | 3808811.36         | 5.58246        | (16012624) | 396629.92          |  |
| 3808808.78  | 5.62914 (16012624) |                |            |                    |  |
| 396653.19   | 3808806.20         | 5.61801        | (16012624) | 396676.47          |  |
| 3808803.62  | 5.54971 (16012624) |                |            |                    |  |
| 396699.74   | 3808801.04         | 5.42666        | (16012624) | 396723.02          |  |
| 3808798.46  | 5.51589 (18120424) |                |            |                    |  |
| 396746.29   | 3808795.88         | 5.62883        | (18120424) | 396769.57          |  |
| 3808793.30  | 5.68621 (18120424) |                |            |                    |  |
| 396792.84   | 3808790.72         | 5.68659        | (18120424) | 396816.11          |  |
| 3808788.14  | 5.63030 (18120424) |                |            |                    |  |
| 396839.39   | 3808785.56         | 5.51927        | (18120424) | 396862.66          |  |
| 3808782.98  | 5.35713 (18120424) |                |            |                    |  |
| 396885.94   | 3808780.40         | 5.15015        | (18120424) | 396909.21          |  |
| 3808777.81  | 4.90237 (18120424) |                |            |                    |  |
| 396932.49   | 3808775.23         | 4.70209        | (18011724) | 396955.76          |  |
| 3808772.65  | 4.96718 (18011724) |                |            |                    |  |
| 396979.04   | 3808770.07         | 5.19595        | (18011724) | 397002.31          |  |
| 3808767.49  | 5.38225 (18011724) |                |            |                    |  |
| 397025.58   | 3808764.91         | 5.52130        | (18011724) | 397048.86          |  |
| 3808762.33  | 5.60951 (18011724) |                |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 397072.13  | 3808759.75 | 5.64460    | (18011724) | 397095.41 |
| 3808757.17 | 5.62592    | (18011724) |            |           |
| 397118.68  | 3808754.59 | 5.55434    | (18011724) | 397141.96 |
| 3808752.01 | 5.43211    | (18011724) |            |           |
| 397165.23  | 3808749.43 | 5.42833    | (17122508) | 397188.50 |
| 3808746.84 | 5.53633    | (17122508) |            |           |
| 397211.78  | 3808744.26 | 5.59386    | (17122508) | 386585.95 |
| 3815811.34 | 5.27280    | (16060408) |            |           |
| 386585.16  | 3815834.81 | 5.30737    | (16060408) | 386584.37 |
| 3815858.28 | 5.28678    | (16060408) |            |           |
| 386583.59  | 3815881.76 | 5.21163    | (16060408) | 386582.80 |
| 3815905.23 | 5.08426    | (16060408) |            |           |
| 386582.02  | 3815928.70 | 5.16772    | (17122724) | 386581.23 |
| 3815952.17 | 5.26591    | (17122724) |            |           |
| 386580.44  | 3815975.65 | 5.31027    | (17122724) | 386579.66 |
| 3815999.12 | 5.17670    | (17122724) |            |           |
| 386578.87  | 3816022.59 | 4.93547    | (17122724) | 386578.09 |
| 3816046.06 | 4.60983c   | (20122908) |            |           |
| 386577.30  | 3816069.54 | 4.40050c   | (20122908) | 386576.52 |
| 3816093.01 | 4.17846c   | (20122908) |            |           |
| 385264.78  | 3815746.27 | 2.04089    | (16060408) | 385276.19 |
| 3815725.81 | 1.89090    | (16060408) |            |           |
| 385287.61  | 3815705.36 | 1.67499    | (16060408) | 385299.03 |
| 3815684.90 | 1.64456    | (16060408) |            |           |
| 385310.45  | 3815664.45 | 1.77476    | (16060408) | 385321.87 |
| 3815643.99 | 2.19891    | (19020108) |            |           |
| 385333.28  | 3815623.53 | 2.59627    | (19020108) | 385344.70 |
| 3815603.08 | 2.97688    | (19020108) |            |           |
| 385356.12  | 3815582.62 | 3.23874    | (19020108) | 385367.54 |
| 3815562.17 | 3.37870    | (19020108) |            |           |
| 385378.96  | 3815541.71 | 3.41428    | (20122524) | 385390.37 |
| 3815521.26 | 3.28342    | (20122524) |            |           |
| 385401.79  | 3815500.80 | 2.98202    | (20122524) | 385413.21 |
| 3815480.35 | 2.53996    | (20122524) |            |           |
| 385424.63  | 3815459.89 | 2.19308    | (17122424) | 385436.04 |
| 3815439.43 | 2.01343    | (17122424) |            |           |
| 385447.46  | 3815418.98 | 1.86036    | (17122424) | 385458.88 |
| 3815398.52 | 1.78141    | (17122424) |            |           |
| 385470.30  | 3815378.07 | 1.67036    | (17122424) | 385481.72 |
| 3815357.61 | 1.57713    | (16012224) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1176

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|-------------|----------------|------------|--------------------|-------------|
| **          |             |                |            |                    |             |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |             |
| -----       |             |                |            |                    |             |
| -----       |             |                |            |                    |             |
| -----       |             |                |            |                    |             |
| 385493.13   | 3815337.16  | 1.68005        | (16012224) |                    | 385504.55   |
| 3815316.70  | 1.92336     | (16012224)     |            |                    |             |
| 385515.97   | 3815296.24  | 2.21025        | (16012224) |                    | 385527.39   |
| 3815275.79  | 2.35798     | (16012224)     |            |                    |             |
| 385538.80   | 3815255.33  | 2.44005        | (16012224) |                    | 385550.22   |
| 3815234.88  | 2.46374     | (16012224)     |            |                    |             |
| 385561.64   | 3815214.42  | 2.32970        | (16012224) |                    | 385573.06   |
| 3815193.97  | 2.13748     | (16012224)     |            |                    |             |
| 385584.48   | 3815173.51  | 2.03256        | (18091708) |                    | 385595.89   |
| 3815153.06  | 2.15768     | (18091708)     |            |                    |             |
| 385607.31   | 3815132.60  | 2.41049        | (18091708) |                    | 385618.73   |
| 3815112.14  | 2.76895     | (18091708)     |            |                    |             |
| 385630.15   | 3815091.69  | 2.93443        | (18091708) |                    | 385641.57   |
| 3815071.23  | 2.87209     | (20091208)     |            |                    |             |
| 385652.98   | 3815050.78  | 2.73455        | (20091208) |                    | 385664.40   |
| 3815030.32  | 2.52962     | (20091208)     |            |                    |             |
| 385675.82   | 3815009.87  | 2.28922        | (20091208) |                    | 385687.24   |
| 3814989.41  | 2.05602     | (20091208)     |            |                    |             |
| 385698.65   | 3814968.95  | 1.83941        | (20091208) |                    | 385710.07   |
| 3814948.50  | 1.67214     | (20091208)     |            |                    |             |
| 385721.49   | 3814928.04  | 1.51416c       | (17011624) |                    | 385732.91   |
| 3814907.59  | 1.54339c    | (17011624)     |            |                    |             |
| 385744.33   | 3814887.13  | 1.52753c       | (17011624) |                    | 385755.74   |
| 3814866.68  | 1.43676c    | (17011624)     |            |                    |             |
| 385767.16   | 3814846.22  | 1.29817c       | (17011624) |                    | 385778.58   |
| 3814825.77  | 1.15023c    | (17011624)     |            |                    |             |
| 385790.00   | 3814805.31  | 1.01597c       | (17011624) |                    | 385801.41   |
| 3814784.85  | 0.94431c    | (17011624)     |            |                    |             |
| 385812.83   | 3814764.40  | 0.89596c       | (17011624) |                    | 385824.25   |
| 3814743.94  | 0.85341c    | (17011624)     |            |                    |             |
| 385835.67   | 3814723.49  | 0.84730c       | (17011624) |                    | 385847.09   |
| 3814703.03  | 0.86081c    | (20101508)     |            |                    |             |
| 385858.50   | 3814682.58  | 0.90079c       | (20101508) |                    | 385869.92   |
| 3814662.12  | 0.94154c    | (20101508)     |            |                    |             |
| 385881.34   | 3814641.66  | 0.95544c       | (20101508) |                    | 385892.76   |
| 3814621.21  | 0.95304c    | (20101508)     |            |                    |             |
| 385904.18   | 3814600.75  | 0.97213c       | (20101508) |                    | 385915.59   |
| 3814580.30  | 0.97807c    | (20101508)     |            |                    |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385927.01  | 3814559.84         | 1.00877 | (19111624) | 385938.43 |
| 3814539.39 | 1.12151 (19111624) |         |            |           |
| 385949.85  | 3814518.93         | 1.26152 | (19111624) | 385961.26 |
| 3814498.48 | 1.36051 (19111624) |         |            |           |
| 385972.68  | 3814478.02         | 1.38286 | (19111624) | 385984.10 |
| 3814457.56 | 1.41261 (18031124) |         |            |           |
| 385995.52  | 3814437.11         | 1.48810 | (18031124) | 386006.94 |
| 3814416.65 | 1.70935 (18031124) |         |            |           |
| 386018.35  | 3814396.20         | 2.06770 | (18031124) | 386029.77 |
| 3814375.74 | 2.60633 (18031124) |         |            |           |
| 386041.19  | 3814355.29         | 3.32744 | (18031124) | 386052.61 |
| 3814334.83 | 4.14364 (18031124) |         |            |           |
| 386064.02  | 3814314.37         | 5.05766 | (18031124) | 386075.44 |
| 3814293.92 | 5.88878 (18031124) |         |            |           |
| 386086.86  | 3814273.46         | 6.42561 | (18031124) | 386098.28 |
| 3814253.01 | 6.53894 (18031124) |         |            |           |
| 386109.70  | 3814232.55         | 6.32475 | (18031124) | 386121.11 |
| 3814212.10 | 5.77921 (18031124) |         |            |           |
| 386132.53  | 3814191.64         | 5.21298 | (18031124) | 386143.95 |
| 3814171.19 | 4.60386 (18031124) |         |            |           |
| 386155.37  | 3814150.73         | 3.98417 | (18031124) | 386166.79 |
| 3814130.27 | 3.31501 (18031124) |         |            |           |
| 386178.20  | 3814109.82         | 2.68236 | (18031124) | 386189.62 |
| 3814089.36 | 2.11703 (18031124) |         |            |           |
| 386201.04  | 3814068.91         | 1.65044 | (18031124) | 386212.46 |
| 3814048.45 | 1.25558 (18031124) |         |            |           |
| 386223.87  | 3814028.00         | 0.95457 | (18031124) | 386235.29 |
| 3814007.54 | 0.68370 (18031124) |         |            |           |
| 386246.71  | 3813987.08         | 0.61014 | (19101108) | 386258.13 |
| 3813966.63 | 0.56113 (19101108) |         |            |           |
| 386269.55  | 3813946.17         | 0.52851 | (19101108) | 386280.96 |
| 3813925.72 | 0.52999 (19101108) |         |            |           |
| 386292.38  | 3813905.26         | 0.56094 | (19101108) | 386303.80 |
| 3813884.81 | 0.60241 (19101108) |         |            |           |
| 386315.22  | 3813864.35         | 0.63756 | (18012724) | 386326.64 |
| 3813843.90 | 0.67101 (18012724) |         |            |           |
| 386338.05  | 3813823.44         | 0.68925 | (18012724) | 386349.47 |
| 3813802.98 | 0.70213 (18012724) |         |            |           |
| 386360.89  | 3813782.53         | 0.70677 | (18012724) | 386372.31 |
| 3813762.07 | 0.70254 (18012724) |         |            |           |
| 386383.72  | 3813741.62         | 0.69014 | (18012724) | 386395.14 |
| 3813721.16 | 0.67302 (18012724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF ALL |                    | IN MICROGRAMS/M**3 |            |             |
|----------------|--------------------|--------------------|------------|-------------|
| **             |                    |                    |            |             |
| X-COORD (M)    | Y-COORD (M)        | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC               | (YYMMDDHH)         |            |             |
| -----          |                    |                    |            |             |
| 386406.56      | 3813700.71         | 0.63839            | (18012724) | 386417.98   |
| 3813680.25     | 0.61605 (18012724) |                    |            |             |
| 386429.40      | 3813659.79         | 0.63132            | (18012724) | 386440.81   |
| 3813639.34     | 0.66117 (18012724) |                    |            |             |
| 386452.23      | 3813618.88         | 0.68691            | (18012724) | 386463.65   |
| 3813598.43     | 0.71323 (18012724) |                    |            |             |
| 386475.07      | 3813577.97         | 0.73212            | (18012724) | 386486.48   |
| 3813557.52     | 0.75744 (18012724) |                    |            |             |
| 386497.90      | 3813537.06         | 0.76857            | (18012724) | 386509.32   |
| 3813516.61     | 0.80750 (18012724) |                    |            |             |
| 386520.74      | 3813496.15         | 0.83949            | (18012724) | 386532.16   |
| 3813475.69     | 0.86533 (20010724) |                    |            |             |
| 386543.57      | 3813455.24         | 1.03808            | (20010724) | 386554.99   |
| 3813434.78     | 1.27406 (20010724) |                    |            |             |
| 386566.41      | 3813414.33         | 1.56450            | (20010724) | 386577.83   |
| 3813393.87     | 1.89331 (20010724) |                    |            |             |
| 386589.25      | 3813373.42         | 2.26549            | (20010724) | 386600.66   |
| 3813352.96     | 2.78355 (18012224) |                    |            |             |
| 386612.08      | 3813332.50         | 3.40052            | (18012224) | 386623.50   |
| 3813312.05     | 4.03898 (18012224) |                    |            |             |
| 386634.92      | 3813291.59         | 4.50890            | (18012224) | 386646.33   |
| 3813271.14     | 4.87205 (18012224) |                    |            |             |
| 386657.75      | 3813250.68         | 4.96269            | (18012224) | 386669.17   |
| 3813230.23     | 4.92466 (18012224) |                    |            |             |
| 386680.59      | 3813209.77         | 4.84226            | (18012224) | 386692.01   |
| 3813189.32     | 4.71771 (18012224) |                    |            |             |
| 386703.42      | 3813168.86         | 4.55416            | (18012224) | 386714.84   |
| 3813148.40     | 4.59371 (19091808) |                    |            |             |
| 386726.26      | 3813127.95         | 4.62655            | (19091808) | 386737.68   |
| 3813107.49     | 4.61683 (19091808) |                    |            |             |
| 386749.09      | 3813087.04         | 4.56477            | (19091808) | 386760.51   |
| 3813066.58     | 4.64855 (17092824) |                    |            |             |
| 386771.93      | 3813046.13         | 4.79551            | (17092824) | 386783.35   |
| 3813025.67     | 4.90157 (17092824) |                    |            |             |
| 386794.77      | 3813005.21         | 4.96371            | (17092824) | 386806.18   |
| 3812984.76     | 4.98014 (17092824) |                    |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386817.60  | 3812964.30 | 4.95037    | (17092824) | 386829.02 |
| 3812943.85 | 4.87516    | (17092824) |            |           |
| 386840.44  | 3812923.39 | 4.75647    | (17092824) | 386851.86 |
| 3812902.94 | 4.59755    | (17092824) |            |           |
| 386863.27  | 3812882.48 | 4.40250    | (17092824) | 386874.69 |
| 3812862.03 | 4.17645    | (17092824) |            |           |
| 386886.11  | 3812841.57 | 4.25446    | (20021308) | 386897.53 |
| 3812821.11 | 4.47780    | (20021308) |            |           |
| 386908.94  | 3812800.66 | 4.66884    | (20021308) | 386920.36 |
| 3812780.20 | 4.82275    | (20021308) |            |           |
| 386931.78  | 3812759.75 | 4.93517    | (20021308) | 386943.20 |
| 3812739.29 | 5.00305    | (20021308) |            |           |
| 386954.62  | 3812718.84 | 5.02440    | (20021308) | 386966.03 |
| 3812698.38 | 4.99859    | (20021308) |            |           |
| 386977.45  | 3812677.92 | 4.92628    | (20021308) | 386988.87 |
| 3812657.47 | 4.80949    | (20021308) |            |           |
| 387000.29  | 3812637.01 | 4.65131    | (20021308) | 387011.70 |
| 3812616.56 | 4.45613    | (20021308) |            |           |
| 387023.12  | 3812596.10 | 4.44967    | (19083008) | 387034.54 |
| 3812575.65 | 4.44677    | (19083008) |            |           |
| 387045.96  | 3812555.19 | 4.40302    | (19083008) | 387057.38 |
| 3812534.74 | 4.31960    | (19083008) |            |           |
| 387068.79  | 3812514.28 | 3.84909    | (19083008) | 387080.21 |
| 3812493.82 | 3.47886    | (18010524) |            |           |
| 387091.63  | 3812473.37 | 3.39235    | (18010524) | 387103.05 |
| 3812452.91 | 3.59109    | (18010524) |            |           |
| 387114.47  | 3812432.46 | 3.87958    | (18010524) | 387125.88 |
| 3812412.00 | 4.07024    | (18010524) |            |           |
| 387137.30  | 3812391.55 | 4.04624    | (18010524) | 387148.72 |
| 3812371.09 | 3.91352    | (18010524) |            |           |
| 387160.14  | 3812350.63 | 3.74937    | (18010524) | 387171.55 |
| 3812330.18 | 3.56952    | (18050708) |            |           |
| 387182.97  | 3812309.72 | 3.56897    | (18050708) | 387194.39 |
| 3812289.27 | 3.53473    | (18050708) |            |           |
| 387205.81  | 3812268.81 | 3.46771    | (18050708) | 387217.23 |
| 3812248.36 | 3.36984    | (18050708) |            |           |
| 387228.64  | 3812227.90 | 3.26752    | (17031508) | 387240.06 |
| 3812207.45 | 3.36722    | (20030124) |            |           |
| 387251.48  | 3812186.99 | 3.60304    | (20030124) | 387262.90 |
| 3812166.53 | 3.82064    | (20030124) |            |           |
| 387274.32  | 3812146.08 | 3.85549    | (20030124) | 387285.73 |
| 3812125.62 | 3.41194    | (20030124) |            |           |
| 387297.15  | 3812105.17 | 2.92678    | (20030124) | 387308.57 |
| 3812084.71 | 2.42965    | (20030124) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC                | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|---------------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH)          |            |             |
| 387319.99   | 3812064.26          | 1.96467             | (20030124) | 387331.40   |
| 3812043.80  | 1.56304 (20030124)  |                     |            |             |
| 387342.82   | 3812023.34          | 1.17107             | (20030124) | 387354.24   |
| 3812002.89  | 0.85775 (20030124)  |                     |            |             |
| 387365.66   | 3811982.43          | 0.62391             | (20030124) | 387377.08   |
| 3811961.98  | 0.50168c (17011624) |                     |            |             |
| 387388.49   | 3811941.52          | 0.42981c (17011624) |            | 387399.91   |
| 3811921.07  | 0.37139c (17011624) |                     |            |             |
| 387411.33   | 3811900.61          | 0.36115             | (19011224) | 387422.75   |
| 3811880.16  | 0.36859 (19011224)  |                     |            |             |
| 387434.16   | 3811859.70          | 0.39679             | (19011224) | 387445.58   |
| 3811839.24  | 0.40684 (19011224)  |                     |            |             |
| 387457.00   | 3811818.79          | 0.40830             | (19011224) | 387468.42   |
| 3811798.33  | 0.40873 (19011224)  |                     |            |             |
| 387479.84   | 3811777.88          | 0.40325             | (19121716) | 387491.25   |
| 3811757.42  | 0.41198 (19121716)  |                     |            |             |
| 387502.67   | 3811736.97          | 0.42153             | (19121716) | 387514.09   |
| 3811716.51  | 0.42505 (19121716)  |                     |            |             |
| 387525.51   | 3811696.05          | 0.42437             | (19121716) | 387536.93   |
| 3811675.60  | 0.42109 (19121716)  |                     |            |             |
| 387548.34   | 3811655.14          | 0.41897             | (19121716) | 387559.76   |
| 3811634.69  | 0.41703 (19121716)  |                     |            |             |
| 387571.18   | 3811614.23          | 0.41573             | (19121716) | 387582.60   |
| 3811593.78  | 0.41638 (19121716)  |                     |            |             |
| 387594.01   | 3811573.32          | 0.41661             | (19121716) | 387605.43   |
| 3811552.86  | 0.41568 (19121716)  |                     |            |             |
| 387616.85   | 3811532.41          | 0.41649             | (19121716) | 387628.27   |
| 3811511.95  | 0.41807 (19121716)  |                     |            |             |
| 387639.69   | 3811491.50          | 0.41938             | (19121716) | 387651.10   |
| 3811471.04  | 0.41962 (19121716)  |                     |            |             |
| 387662.52   | 3811450.59          | 0.41835             | (19121716) | 387673.94   |
| 3811430.13  | 0.41783 (19121716)  |                     |            |             |
| 387685.36   | 3811409.68          | 0.41761             | (19121716) | 387696.77   |
| 3811389.22  | 0.41527 (19121716)  |                     |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387708.19  | 3811368.76         | 0.41107 | (19121716) | 387719.61 |
| 3811348.31 | 0.40595 (19121716) |         |            |           |
| 387731.03  | 3811327.85         | 0.40013 | (19121716) | 387742.45 |
| 3811307.40 | 0.39539 (19121716) |         |            |           |
| 387753.86  | 3811286.94         | 0.39057 | (19121716) | 387765.28 |
| 3811266.49 | 0.38575 (19121716) |         |            |           |
| 387776.70  | 3811246.03         | 0.38028 | (19121716) | 387788.12 |
| 3811225.57 | 0.37451 (19121716) |         |            |           |
| 387799.54  | 3811205.12         | 0.36823 | (19121716) | 387810.95 |
| 3811184.66 | 0.36300 (19121716) |         |            |           |
| 387822.37  | 3811164.21         | 0.35733 | (19121716) | 387833.79 |
| 3811143.75 | 0.35153 (19121716) |         |            |           |
| 387845.21  | 3811123.30         | 0.34538 | (19121716) | 387856.62 |
| 3811102.84 | 0.33864 (19121716) |         |            |           |
| 387868.04  | 3811082.39         | 0.33110 | (19121716) | 387879.46 |
| 3811061.93 | 0.32296 (19121716) |         |            |           |
| 387890.88  | 3811041.47         | 0.31621 | (20020416) | 387902.30 |
| 3811021.02 | 0.31463 (20020416) |         |            |           |
| 387913.71  | 3811000.56         | 0.31274 | (20020416) | 387925.13 |
| 3810980.11 | 0.31046 (20020416) |         |            |           |
| 387936.55  | 3810959.65         | 0.30787 | (20020416) | 387947.97 |
| 3810939.20 | 0.30508 (20020416) |         |            |           |
| 387959.39  | 3810918.74         | 0.30222 | (20020416) | 387970.80 |
| 3810898.28 | 0.29878 (20020416) |         |            |           |
| 387982.22  | 3810877.83         | 0.29535 | (20020416) | 387993.64 |
| 3810857.37 | 0.29163 (20020416) |         |            |           |
| 388005.06  | 3810836.92         | 0.28764 | (20020416) | 388016.47 |
| 3810816.46 | 0.28349 (20020416) |         |            |           |
| 388027.89  | 3810796.01         | 0.27873 | (20020416) | 388039.31 |
| 3810775.55 | 0.27403 (20020416) |         |            |           |
| 388050.73  | 3810755.10         | 0.26881 | (20020416) | 388062.15 |
| 3810734.64 | 0.26368 (20020416) |         |            |           |
| 388073.56  | 3810714.18         | 0.25825 | (20020416) | 388084.98 |
| 3810693.73 | 0.25278 (20020416) |         |            |           |
| 388096.40  | 3810673.27         | 0.24704 | (20020416) | 388107.82 |
| 3810652.82 | 0.24545 (18112616) |         |            |           |
| 388119.23  | 3810632.36         | 0.24875 | (18112616) | 388130.65 |
| 3810611.91 | 0.25147 (18112616) |         |            |           |
| 388142.07  | 3810591.45         | 0.25373 | (18112616) | 388153.49 |
| 3810570.99 | 0.25557 (18112616) |         |            |           |
| 388164.91  | 3810550.54         | 0.25685 | (18112616) | 388176.32 |
| 3810530.08 | 0.25755 (18112616) |         |            |           |
| 388187.74  | 3810509.63         | 0.25787 | (18112616) | 388199.16 |
| 3810489.17 | 0.25761 (18112616) |         |            |           |
| 388210.58  | 3810468.72         | 0.25688 | (18112616) | 388222.00 |
| 3810448.26 | 0.25558 (18112616) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26

```

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study

\*\*\* 17:54:19

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388233.41   | 3810427.81         | 0.25374    | (18112616) | 388244.83   |
| 3810407.35  | 0.25410 (16120216) |            |            |             |
| 388256.25   | 3810386.89         | 0.26143    | (16120216) | 388267.67   |
| 3810366.44  | 0.26869 (16120216) |            |            |             |
| 388279.08   | 3810345.98         | 0.27590    | (16120216) | 388290.50   |
| 3810325.53  | 0.28296 (16120216) |            |            |             |
| 388301.92   | 3810305.07         | 0.28951    | (16120216) | 388313.34   |
| 3810284.62  | 0.29618 (16120216) |            |            |             |
| 388324.76   | 3810264.16         | 0.30215    | (16120216) | 388336.17   |
| 3810243.70  | 0.30807 (16120216) |            |            |             |
| 388347.59   | 3810223.25         | 0.31392    | (16120216) | 388359.01   |
| 3810202.79  | 0.31937 (16120216) |            |            |             |
| 388370.43   | 3810182.34         | 0.32330    | (16120216) | 388381.84   |
| 3810161.88  | 0.32722 (16120216) |            |            |             |
| 388393.26   | 3810141.43         | 0.33093    | (16120216) | 388404.68   |
| 3810120.97  | 0.33415 (16120216) |            |            |             |
| 388416.10   | 3810100.52         | 0.33689    | (16120216) | 388427.52   |
| 3810080.06  | 0.33919 (16120216) |            |            |             |
| 388438.93   | 3810059.60         | 0.34102    | (16120216) | 388450.35   |
| 3810039.15  | 0.34201 (16120216) |            |            |             |
| 388461.77   | 3810018.69         | 0.34252    | (16120216) | 388473.19   |
| 3809998.24  | 0.34291 (16120216) |            |            |             |
| 388484.61   | 3809977.78         | 0.34235    | (16120216) | 388496.02   |
| 3809957.33  | 0.34113 (16120216) |            |            |             |
| 388507.44   | 3809936.87         | 0.33919    | (16120216) | 388518.86   |
| 3809916.41  | 0.33659 (16120216) |            |            |             |
| 388530.28   | 3809895.96         | 0.34577    | (19011508) | 388541.69   |
| 3809875.50  | 0.36914 (19011508) |            |            |             |
| 388553.11   | 3809855.05         | 0.39420    | (19011508) | 388564.53   |
| 3809834.59  | 0.41881 (19011508) |            |            |             |
| 388575.95   | 3809814.14         | 0.44571    | (19011508) | 388587.37   |
| 3809793.68  | 0.47405 (19011508) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388598.78  | 3809773.23         | 0.50158 | (19011508) | 388610.20 |
| 3809752.77 | 0.53500 (19011508) |         |            |           |
| 388621.62  | 3809732.31         | 0.55284 | (19011508) | 388633.04 |
| 3809711.86 | 0.56068 (19011508) |         |            |           |
| 388644.45  | 3809691.40         | 0.55502 | (19011508) | 388655.87 |
| 3809670.95 | 0.60313 (19011508) |         |            |           |
| 388667.29  | 3809650.49         | 0.67455 | (19011508) | 388678.71 |
| 3809630.04 | 0.70245 (19011508) |         |            |           |
| 388690.13  | 3809609.58         | 0.72617 | (19011508) | 388701.54 |
| 3809589.12 | 0.75032 (19011508) |         |            |           |
| 388712.96  | 3809568.67         | 0.84844 | (18010224) | 388724.38 |
| 3809548.21 | 0.91432 (18010224) |         |            |           |
| 388735.80  | 3809527.76         | 0.95789 | (18010224) | 388747.22 |
| 3809507.30 | 0.96535 (18032808) |         |            |           |
| 388758.63  | 3809486.85         | 1.07065 | (18032808) | 388770.05 |
| 3809466.39 | 1.21115 (18032808) |         |            |           |
| 388781.47  | 3809445.94         | 1.41981 | (18032808) | 388792.89 |
| 3809425.48 | 1.60417 (18032808) |         |            |           |
| 388804.30  | 3809405.02         | 1.74899 | (18032808) | 388815.72 |
| 3809384.57 | 1.93453 (18032808) |         |            |           |
| 388827.14  | 3809364.11         | 2.29870 | (18032808) | 388838.56 |
| 3809343.66 | 2.77447 (18032808) |         |            |           |
| 388849.98  | 3809323.20         | 3.24870 | (18032808) | 388861.39 |
| 3809302.75 | 3.52797 (18032808) |         |            |           |
| 388872.81  | 3809282.29         | 3.60227 | (18032808) | 388884.23 |
| 3809261.83 | 3.33894 (18032808) |         |            |           |
| 388895.65  | 3809241.38         | 3.01159 | (18032808) | 388907.07 |
| 3809220.92 | 2.69902 (17122508) |         |            |           |
| 388918.48  | 3809200.47         | 2.66678 | (17122508) | 388929.90 |
| 3809180.01 | 2.66146 (17122508) |         |            |           |
| 388941.32  | 3809159.56         | 2.82898 | (16110424) | 388952.74 |
| 3809139.10 | 3.20875 (16110424) |         |            |           |
| 388964.15  | 3809118.65         | 3.54790 | (16110424) | 388975.57 |
| 3809098.19 | 3.81530 (16110424) |         |            |           |
| 388986.99  | 3809077.73         | 4.02107 | (16110424) | 388998.41 |
| 3809057.28 | 4.17206 (16110424) |         |            |           |
| 389009.83  | 3809036.82         | 4.29794 | (16110424) | 389021.24 |
| 3809016.37 | 4.39619 (16110424) |         |            |           |
| 389032.66  | 3808995.91         | 4.46506 | (16110424) | 389044.08 |
| 3808975.46 | 4.50320 (16110424) |         |            |           |
| 389055.50  | 3808955.00         | 4.50999 | (16110424) | 389066.91 |
| 3808934.54 | 4.48544 (16110424) |         |            |           |
| 389078.33  | 3808914.09         | 4.43023 | (16110424) | 389089.75 |
| 3808893.63 | 4.34563 (16110424) |         |            |           |
| 389101.17  | 3808873.18         | 4.23353 | (16110424) | 389112.59 |
| 3808852.72 | 4.09624 (16110424) |         |            |           |
| 389124.00  | 3808832.27         | 3.93669 | (16110424) | 389135.42 |
| 3808811.81 | 4.09396 (16122124) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 1180

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389146.84   | 3808791.36         | 4.28540    | (16122124) | 389158.26   |
| 3808770.90  | 4.46058 (16122124) |            |            |             |
| 389169.68   | 3808750.44         | 4.61665    | (16122124) | 389181.09   |
| 3808729.99  | 4.75100 (16122124) |            |            |             |
| 389192.51   | 3808709.53         | 4.86165    | (16122124) | 389203.93   |
| 3808689.08  | 4.94672 (16122124) |            |            |             |
| 389215.35   | 3808668.62         | 5.00496    | (16122124) | 389226.76   |
| 3808648.17  | 5.03552 (16122124) |            |            |             |
| 389238.18   | 3808627.71         | 5.03818    | (16122124) | 389249.60   |
| 3808607.25  | 5.01314 (16122124) |            |            |             |
| 389261.02   | 3808586.80         | 4.96118    | (16122124) | 389272.44   |
| 3808566.34  | 4.88349 (16122124) |            |            |             |
| 389283.85   | 3808545.89         | 4.78181    | (16122124) | 389295.27   |
| 3808525.43  | 4.65807 (16122124) |            |            |             |
| 389306.69   | 3808504.98         | 4.51471    | (16122124) | 389318.11   |
| 3808484.52  | 4.35424 (16122124) |            |            |             |
| 389329.52   | 3808464.07         | 4.17958    | (16122124) | 389340.94   |
| 3808443.61  | 3.99335 (16122124) |            |            |             |
| 389375.64   | 3808420.57         | 3.61219    | (16122124) | 389398.93   |
| 3808417.99  | 3.42089 (16122124) |            |            |             |
| 389422.21   | 3808415.41         | 3.33022    | (17021608) | 389445.50   |
| 3808412.83  | 3.37674 (17021608) |            |            |             |
| 389468.78   | 3808410.24         | 3.40290    | (17021608) | 389492.06   |
| 3808407.66  | 3.40812 (17021608) |            |            |             |
| 389515.35   | 3808405.08         | 3.39217    | (17021608) | 389538.63   |
| 3808402.50  | 3.35522 (17021608) |            |            |             |
| 389561.91   | 3808399.92         | 3.29785    | (17021608) | 389585.20   |
| 3808397.34  | 3.22096 (17021608) |            |            |             |
| 389608.48   | 3808394.75         | 3.12586    | (17021608) | 389631.77   |
| 3808392.17  | 3.01417 (17021608) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 389655.05  | 3808389.59         | 2.88781 | (17021608) | 389678.33 |
| 3808387.01 | 2.74886 (17021608) |         |            |           |
| 389701.62  | 3808384.43         | 2.59951 | (17021608) | 389724.90 |
| 3808381.84 | 2.48727 (20121924) |         |            |           |
| 389748.18  | 3808379.26         | 2.70958 | (20121924) | 389771.47 |
| 3808376.68 | 2.93306 (20121924) |         |            |           |
| 389794.75  | 3808374.10         | 3.17732 | (16011708) | 389818.04 |
| 3808371.52 | 3.46126 (16011708) |         |            |           |
| 389841.32  | 3808368.94         | 3.74850 | (16011708) | 389864.60 |
| 3808366.35 | 4.03594 (16011708) |         |            |           |
| 389887.89  | 3808363.77         | 4.31994 | (16011708) | 389911.17 |
| 3808361.19 | 4.59655 (16011708) |         |            |           |
| 389934.45  | 3808358.61         | 4.86190 | (16011708) | 389957.74 |
| 3808356.03 | 5.11206 (16011708) |         |            |           |
| 389981.02  | 3808353.44         | 5.34288 | (16011708) | 390004.31 |
| 3808350.86 | 5.55059 (16011708) |         |            |           |
| 390027.59  | 3808348.28         | 5.73143 | (16011708) | 390050.87 |
| 3808345.70 | 5.88221 (16011708) |         |            |           |
| 390074.16  | 3808343.12         | 6.00013 | (16011708) | 390097.44 |
| 3808340.54 | 6.08275 (16011708) |         |            |           |
| 390120.72  | 3808337.95         | 6.12842 | (16011708) | 390144.01 |
| 3808335.37 | 6.13603 (16011708) |         |            |           |
| 390167.29  | 3808332.79         | 6.10523 | (16011708) | 390190.58 |
| 3808330.21 | 6.03632 (16011708) |         |            |           |
| 390213.86  | 3808327.63         | 5.93041 | (16011708) | 390237.14 |
| 3808325.04 | 5.78918 (16011708) |         |            |           |
| 390260.43  | 3808322.46         | 5.61502 | (16011708) | 390283.71 |
| 3808319.88 | 5.41097 (16011708) |         |            |           |
| 390306.99  | 3808317.30         | 5.18042 | (16011708) | 390330.28 |
| 3808314.72 | 4.92710 (16011708) |         |            |           |
| 390353.56  | 3808312.14         | 4.65536 | (16011708) | 390376.85 |
| 3808309.55 | 4.36919 (16011708) |         |            |           |
| 390400.13  | 3808306.97         | 4.07333 | (16011708) | 390423.41 |
| 3808304.39 | 3.77191 (16011708) |         |            |           |
| 390446.70  | 3808301.81         | 3.48261 | (18092724) | 390469.98 |
| 3808299.23 | 3.41053 (18092724) |         |            |           |
| 390493.27  | 3808296.64         | 3.31533 | (18092724) | 390516.55 |
| 3808294.06 | 3.19902 (18092724) |         |            |           |
| 390539.83  | 3808291.48         | 3.06385 | (18092724) | 390563.12 |
| 3808288.90 | 2.91243 (18092724) |         |            |           |
| 390586.40  | 3808286.32         | 3.02292 | (20021208) | 390609.68 |
| 3808283.74 | 3.15991 (20021208) |         |            |           |
| 390632.97  | 3808281.15         | 3.27868 | (20021208) | 390656.25 |
| 3808278.57 | 3.37647 (20021208) |         |            |           |
| 390679.54  | 3808275.99         | 3.45117 | (20021208) | 390702.82 |
| 3808273.41 | 3.50093 (20021208) |         |            |           |
| 390726.10  | 3808270.83         | 3.52456 | (20021208) | 390749.39 |
| 3808268.24 | 3.52138 (20021208) |         |            |           |
| 390772.67  | 3808265.66         | 3.49134 | (20021208) | 390795.95 |
| 3808263.08 | 3.60802 (20013024) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

PAGE 1181

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 390819.24   | 3808260.50          | 3.72951    | (20013024) | 390842.52   |
| 3808257.92  | 3.82629 (20013024)  |            |            |             |
| 390865.81   | 3808255.34          | 3.89635    | (20013024) | 390889.09   |
| 3808252.75  | 3.93816 (20013024)  |            |            |             |
| 390912.37   | 3808250.17          | 3.95092    | (20013024) | 390935.66   |
| 3808247.59  | 4.07287m (18120924) |            |            |             |
| 390958.94   | 3808245.01          | 4.24549m   | (18120924) | 390982.22   |
| 3808242.43  | 4.39086m (18120924) |            |            |             |
| 391005.51   | 3808239.84          | 4.50563m   | (18120924) | 391028.79   |
| 3808237.26  | 4.58688m (18120924) |            |            |             |
| 391052.08   | 3808234.68          | 4.63265m   | (18120924) | 391075.36   |
| 3808232.10  | 4.64165m (18120924) |            |            |             |
| 391098.64   | 3808229.52          | 4.61352m   | (18120924) | 391121.93   |
| 3808226.94  | 4.54875m (18120924) |            |            |             |
| 391145.21   | 3808224.35          | 4.59922    | (18120308) | 391168.49   |
| 3808221.77  | 4.72404 (18120308)  |            |            |             |
| 391191.78   | 3808219.19          | 4.81320    | (18120308) | 391215.06   |
| 3808216.61  | 4.86432 (18120308)  |            |            |             |
| 391238.35   | 3808214.03          | 4.87605    | (18120308) | 391261.63   |
| 3808211.44  | 4.84791 (18120308)  |            |            |             |
| 391284.91   | 3808208.86          | 4.78045    | (18120308) | 391308.20   |
| 3808206.28  | 4.67510 (18120308)  |            |            |             |
| 391331.48   | 3808203.70          | 4.53433    | (18120308) | 391354.76   |
| 3808201.12  | 4.36132 (18120308)  |            |            |             |
| 391378.05   | 3808198.54          | 4.24637    | (20010224) | 391401.33   |
| 3808195.95  | 4.25593 (20010224)  |            |            |             |
| 391424.62   | 3808193.37          | 4.22998    | (20010224) | 391447.90   |
| 3808190.79  | 4.37550 (17123108)  |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391471.18  | 3808188.21         | 4.53243 | (17123108) | 391494.47 |
| 3808185.63 | 4.65578 (17123108) |         |            |           |
| 391517.75  | 3808183.04         | 4.74229 | (17123108) | 391541.03 |
| 3808180.46 | 4.78972 (17123108) |         |            |           |
| 391564.32  | 3808177.88         | 4.79671 | (17123108) | 391587.60 |
| 3808175.30 | 4.76293 (17123108) |         |            |           |
| 391610.89  | 3808172.72         | 4.68905 | (17123108) | 391634.17 |
| 3808170.14 | 4.57687 (17123108) |         |            |           |
| 391657.45  | 3808167.55         | 4.42898 | (17123108) | 391680.74 |
| 3808164.97 | 4.24889 (17123108) |         |            |           |
| 391704.02  | 3808162.39         | 4.04092 | (17123108) | 391727.30 |
| 3808159.81 | 3.89061 (17102724) |         |            |           |
| 391750.59  | 3808157.23         | 4.09199 | (17102724) | 391773.87 |
| 3808154.64 | 4.26663 (17102724) |         |            |           |
| 391797.16  | 3808152.06         | 4.41027 | (17102724) | 391820.44 |
| 3808149.48 | 4.51913 (17102724) |         |            |           |
| 391843.72  | 3808146.90         | 4.59035 | (17102724) | 391867.01 |
| 3808144.32 | 4.62197 (17102724) |         |            |           |
| 391890.29  | 3808141.74         | 4.61299 | (17102724) | 391913.57 |
| 3808139.15 | 4.56353 (17102724) |         |            |           |
| 391936.86  | 3808136.57         | 4.47473 | (17102724) | 391960.14 |
| 3808133.99 | 4.34884 (17102724) |         |            |           |
| 391983.43  | 3808131.41         | 4.18887 | (17102724) | 392006.71 |
| 3808128.83 | 3.99889 (17102724) |         |            |           |
| 392029.99  | 3808126.24         | 4.01920 | (19020708) | 392053.28 |
| 3808123.66 | 4.24833 (19020708) |         |            |           |
| 392076.56  | 3808121.08         | 4.45049 | (19020708) | 392099.85 |
| 3808118.50 | 4.62077 (19020708) |         |            |           |
| 392123.13  | 3808115.92         | 4.75459 | (19020708) | 392146.41 |
| 3808113.34 | 4.84842 (19020708) |         |            |           |
| 392169.70  | 3808110.75         | 4.89966 | (19020708) | 392192.98 |
| 3808108.17 | 4.90674 (19020708) |         |            |           |
| 392216.26  | 3808105.59         | 4.86940 | (19020708) | 392239.55 |
| 3808103.01 | 4.78847 (19020708) |         |            |           |
| 392262.83  | 3808100.43         | 4.66607 | (19020708) | 392286.12 |
| 3808097.84 | 4.50521 (19020708) |         |            |           |
| 392309.40  | 3808095.26         | 4.31018 | (19020708) | 392332.68 |
| 3808092.68 | 4.08818 (17021124) |         |            |           |
| 392355.97  | 3808090.10         | 4.33510 | (17021124) | 392379.25 |
| 3808087.52 | 4.55484 (17021124) |         |            |           |
| 392402.53  | 3808084.94         | 4.74191 | (17021124) | 392425.82 |
| 3808082.35 | 4.89143 (17021124) |         |            |           |
| 392449.10  | 3808079.77         | 4.99917 | (17021124) | 392472.39 |
| 3808077.19 | 5.06218 (17021124) |         |            |           |
| 392495.67  | 3808074.61         | 5.07858 | (17021124) | 392518.95 |
| 3808072.03 | 5.04783 (17021124) |         |            |           |
| 392542.24  | 3808069.44         | 4.97060 | (17021124) | 392565.52 |
| 3808066.86 | 4.84903 (17021124) |         |            |           |
| 392588.80  | 3808064.28         | 4.68628 | (17021124) | 392612.09 |
| 3808061.70 | 4.48655 (17021124) |         |            |           |



392635.37 3808059.12 4.42305 (20031208) 392658.66  
 3808056.53 4.41812 (20031208)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1182

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392681.94   | 3808053.95  | 4.37183    | (20031208) | 392705.22   |
| 3808051.37  | 4.28540     | (20031208) |            |             |
| 392728.51   | 3808048.79  | 4.16107    | (20031208) | 392751.79   |
| 3808046.21  | 4.00227     | (20031208) |            |             |
| 392775.07   | 3808043.63  | 3.95539    | (16102924) | 392798.36   |
| 3808041.04  | 4.22201     | (16102924) |            |             |
| 392821.64   | 3808038.46  | 4.46396    | (16102924) | 392844.93   |
| 3808035.88  | 4.67530     | (16102924) |            |             |
| 392868.21   | 3808033.30  | 4.85024    | (16102924) | 392891.49   |
| 3808030.72  | 4.98405     | (16102924) |            |             |
| 392914.78   | 3808028.13  | 5.07298    | (16102924) | 392938.06   |
| 3808025.55  | 5.11436     | (16102924) |            |             |
| 392961.34   | 3808022.97  | 5.10699    | (16102924) | 392984.63   |
| 3808020.39  | 5.05097     | (16102924) |            |             |
| 393007.91   | 3808017.81  | 4.94785    | (16102924) | 393031.20   |
| 3808015.23  | 4.94864     | (16040124) |            |             |
| 393054.48   | 3808012.64  | 5.05862    | (16040124) | 393077.76   |
| 3808010.06  | 5.12164     | (16040124) |            |             |
| 393101.05   | 3808007.48  | 5.13584    | (16040124) | 393124.33   |
| 3808004.90  | 5.10071     | (16040124) |            |             |
| 393147.61   | 3808002.32  | 5.01721    | (16040124) | 393566.72   |
| 3807955.84  | 4.48570     | (17012524) |            |             |
| 393590.01   | 3807953.26  | 4.70540    | (17012524) | 393613.29   |
| 3807950.68  | 4.88768     | (17012524) |            |             |
| 393636.57   | 3807948.10  | 5.02756    | (17012524) | 393659.86   |
| 3807945.52  | 5.12107     | (17012524) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393683.14  | 3807942.93         | 5.16538 | (17012524) | 393706.42 |
| 3807940.35 | 5.15926 (17012524) |         |            |           |
| 393729.71  | 3807937.77         | 5.10282 | (17012524) | 393752.99 |
| 3807935.19 | 4.99772 (17012524) |         |            |           |
| 393776.28  | 3807932.61         | 4.84691 | (17012524) | 393799.56 |
| 3807930.03 | 4.68238 (16122608) |         |            |           |
| 393822.84  | 3807927.44         | 4.69649 | (16122608) | 393846.13 |
| 3807924.86 | 4.67033 (16122608) |         |            |           |
| 393869.41  | 3807922.28         | 4.60401 | (16122608) | 393892.70 |
| 3807919.70 | 4.75253 (17121824) |         |            |           |
| 393915.98  | 3807917.12         | 4.92447 | (17121824) | 393939.26 |
| 3807914.53 | 5.05275 (17121824) |         |            |           |
| 393962.55  | 3807911.95         | 5.13372 | (17121824) | 393985.83 |
| 3807909.37 | 5.16497 (17121824) |         |            |           |
| 394009.11  | 3807906.79         | 5.14563 | (17121824) | 394032.40 |
| 3807904.21 | 5.07623 (17121824) |         |            |           |
| 394055.68  | 3807901.63         | 4.95885 | (17121824) | 394078.97 |
| 3807899.04 | 4.79677 (17121824) |         |            |           |
| 394102.25  | 3807896.46         | 4.59472 | (17121824) | 394125.53 |
| 3807893.88 | 4.35820 (17121824) |         |            |           |
| 394148.82  | 3807891.30         | 4.09335 | (17121824) | 394172.10 |
| 3807888.72 | 3.80714 (17121824) |         |            |           |
| 394195.38  | 3807886.13         | 3.78899 | (16012124) | 394218.67 |
| 3807883.55 | 3.91599 (16012124) |         |            |           |
| 394241.95  | 3807880.97         | 4.00768 | (16012124) | 394265.24 |
| 3807878.39 | 4.06152 (16012124) |         |            |           |
| 394288.52  | 3807875.81         | 4.26741 | (17122408) | 394311.80 |
| 3807873.23 | 4.51419 (17122408) |         |            |           |
| 394335.09  | 3807870.64         | 4.72873 | (17122408) | 394358.37 |
| 3807868.06 | 4.90509 (17122408) |         |            |           |
| 394381.65  | 3807865.48         | 5.03848 | (17122408) | 394404.94 |
| 3807862.90 | 5.12516 (17122408) |         |            |           |
| 394428.22  | 3807860.32         | 5.16261 | (17122408) | 394451.51 |
| 3807857.73 | 5.14979 (17122408) |         |            |           |
| 394474.79  | 3807855.15         | 5.08716 | (17122408) | 394498.07 |
| 3807852.57 | 4.97655 (17122408) |         |            |           |
| 394521.36  | 3807849.99         | 4.82111 | (17122408) | 394544.64 |
| 3807847.41 | 4.62536 (17122408) |         |            |           |
| 394567.92  | 3807844.83         | 4.39463 | (17122408) | 394591.21 |
| 3807842.24 | 4.35398 (18061208) |         |            |           |
| 394614.49  | 3807839.66         | 4.59073 | (18061208) | 394637.78 |
| 3807837.08 | 4.79443 (18061208) |         |            |           |
| 394661.06  | 3807834.50         | 4.95939 | (18061208) | 394684.34 |
| 3807831.92 | 5.08118 (18061208) |         |            |           |
| 394707.63  | 3807829.33         | 5.15638 | (18061208) | 394730.91 |
| 3807826.75 | 5.18283 (18061208) |         |            |           |
| 394754.19  | 3807824.17         | 5.15983 | (18061208) | 394777.48 |
| 3807821.59 | 5.08805 (18061208) |         |            |           |
| 394800.76  | 3807819.01         | 4.96963 | (18061208) | 394824.05 |
| 3807816.43 | 4.80786 (18061208) |         |            |           |

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394940.46   | 3807800.93  | 4.50879    | (20113008) | 394963.75   |
| 394987.03   | 3807795.77  | 4.21573    | (20113008) | 395010.32   |
| 395033.60   | 3807790.61  | 4.19346    | (16010224) | 395056.88   |
| 395080.17   | 3807785.44  | 4.64956    | (16010224) | 395103.45   |
| 395126.73   | 3807780.28  | 4.96241    | (16010224) | 395150.02   |
| 395173.30   | 3807775.12  | 5.09917    | (16010224) | 395196.59   |
| 395219.87   | 3807769.95  | 5.04534    | (16010224) | 395243.15   |
| 395266.44   | 3807764.79  | 4.80769    | (16010224) | 395289.72   |
| 395313.00   | 3807759.63  | 4.41281    | (16010224) | 395336.29   |
| 395359.57   | 3807754.46  | 4.40698    | (16120408) | 395382.86   |
| 395406.14   | 3807749.30  | 4.79295    | (16120408) | 395429.42   |
| 395452.71   | 3807744.13  | 5.02192    | (16120408) | 395475.99   |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3807738.97 | 395499.27 | 3807741.55 | 5.07020    | (16120408) | 395522.56 |
|            |           | 5.02444    | (16120408) |            |           |
|            | 395545.84 | 3807736.39 | 4.93350    | (16120408) | 395569.13 |
| 3807733.81 |           | 4.79990    | (16120408) |            |           |
|            | 395592.41 | 3807731.23 | 4.62742    | (16120408) | 395615.69 |
| 3807728.64 |           | 4.42060    | (16120408) |            |           |
|            | 395638.98 | 3807726.06 | 4.18464    | (16120408) | 395662.26 |
| 3807723.48 |           | 4.03201c   | (17011624) |            |           |
|            | 395685.55 | 3807720.90 | 3.98154c   | (17011624) | 395708.83 |
| 3807718.32 |           | 3.89621c   | (17011624) |            |           |
|            | 395732.11 | 3807715.73 | 3.77838c   | (17011624) | 395755.40 |
| 3807713.15 |           | 3.63114c   | (17011624) |            |           |
|            | 395778.68 | 3807710.57 | 3.63020    | (20031108) | 395801.96 |
| 3807707.99 |           | 3.63883    | (20031108) |            |           |
|            | 395825.25 | 3807705.41 | 3.61483    | (20031108) | 395848.53 |
| 3807702.83 |           | 3.55896    | (20031108) |            |           |
|            | 395871.82 | 3807700.24 | 3.58064    | (17031708) | 395895.10 |
| 3807697.66 |           | 3.67631    | (17031708) |            |           |
|            | 395918.38 | 3807695.08 | 3.74098    | (17031708) | 395941.67 |
| 3807692.50 |           | 3.77305    | (17031708) |            |           |
|            | 395964.95 | 3807689.92 | 3.77175    | (17031708) | 395988.23 |
| 3807687.33 |           | 3.87358    | (16022408) |            |           |
|            | 396011.52 | 3807684.75 | 4.07090    | (16022408) | 396034.80 |
| 3807682.17 |           | 4.24687    | (16022408) |            |           |
|            | 396058.09 | 3807679.59 | 4.39935    | (16022408) | 396081.37 |
| 3807677.01 |           | 4.52662    | (16022408) |            |           |
|            | 396104.65 | 3807674.43 | 4.62796    | (16022408) | 396127.94 |
| 3807671.84 |           | 4.70336    | (16022408) |            |           |
|            | 396151.22 | 3807669.26 | 4.75349    | (16022408) | 396174.50 |
| 3807666.68 |           | 4.77981    | (16022408) |            |           |
|            | 396197.79 | 3807664.10 | 4.78431    | (16022408) | 396221.07 |
| 3807661.52 |           | 4.80494    | (20021824) |            |           |
|            | 396244.36 | 3807658.93 | 4.86847    | (20021824) | 396267.64 |
| 3807656.35 |           | 4.89057    | (20021824) |            |           |
|            | 396290.92 | 3807653.77 | 4.87086    | (20021824) | 396314.21 |
| 3807651.19 |           | 4.80996    | (20021824) |            |           |
|            | 396337.49 | 3807648.61 | 4.70961    | (20021824) | 396360.77 |
| 3807646.03 |           | 4.74809    | (16010908) |            |           |
|            | 396384.06 | 3807643.44 | 4.84567    | (16010908) | 396407.34 |
| 3807640.86 |           | 4.90349    | (16010908) |            |           |
|            | 396430.63 | 3807638.28 | 4.92031    | (16010908) | 396453.91 |
| 3807635.70 |           | 4.89584    | (16010908) |            |           |
|            | 396477.19 | 3807633.12 | 4.83087    | (16010908) | 396500.48 |
| 3807630.53 |           | 4.72713    | (16010908) |            |           |
|            | 396523.76 | 3807627.95 | 4.72073    | (18020908) | 396547.04 |
| 3807625.37 |           | 4.81378    | (18020908) |            |           |
|            | 396570.33 | 3807622.79 | 4.86807    | (18020908) | 396593.61 |
| 3807620.21 |           | 4.88237    | (18020908) |            |           |
|            | 396616.90 | 3807617.63 | 4.85653    | (18020908) | 396640.18 |
| 3807615.04 |           | 4.79135    | (18020908) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 396663.46  | 3807612.46         | 4.68859 | (18020908) | 396686.75 |
| 3807609.88 | 4.55079 (18020908) |         |            |           |
| 396710.03  | 3807607.30         | 4.38144 | (18020908) | 396733.31 |
| 3807604.72 | 4.18449 (18020908) |         |            |           |
| 396756.60  | 3807602.13         | 3.96432 | (18020908) | 396779.88 |
| 3807599.55 | 4.05943 (16012624) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1184

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 396803.17   | 3807596.97         | 4.24150    | (16012624) | 396826.45   |
| 3807594.39  | 4.39600 (16012624) |            |            |             |
| 396849.73   | 3807591.81         | 4.51966    | (16012624) | 396873.02   |
| 3807589.22  | 4.60980 (16012624) |            |            |             |
| 396896.30   | 3807586.64         | 4.66440    | (16012624) | 396919.58   |
| 3807584.06  | 4.68239 (16012624) |            |            |             |
| 396942.87   | 3807581.48         | 4.66348    | (16012624) | 396966.15   |
| 3807578.90  | 4.60831 (16012624) |            |            |             |
| 396989.44   | 3807576.32         | 4.51827    | (16012624) | 397012.72   |
| 3807573.73  | 4.55205 (18120424) |            |            |             |
| 397036.00   | 3807571.15         | 4.64770    | (18120424) | 397059.29   |
| 3807568.57  | 4.70857 (18120424) |            |            |             |
| 397082.57   | 3807565.99         | 4.73338    | (18120424) | 397105.85   |
| 3807563.41  | 4.72176 (18120424) |            |            |             |
| 397129.14   | 3807560.82         | 4.67412    | (18120424) | 397152.42   |
| 3807558.24  | 4.59176 (18120424) |            |            |             |
| 397175.71   | 3807555.66         | 4.47662    | (18120424) | 397198.99   |
| 3807553.08  | 4.33151 (18120424) |            |            |             |
| 397222.27   | 3807550.50         | 4.16080    | (18120424) | 397245.56   |
| 3807547.92  | 3.96630 (18120424) |            |            |             |
| 397268.84   | 3807545.33         | 3.94428    | (18011724) | 397292.12   |
| 3807542.75  | 4.13532 (18011724) |            |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 397315.41  | 3807540.17          | 4.30309             | (18011724) | 397338.69 |
| 3807537.59 | 4.44410 (18011724)  |                     |            |           |
| 397361.98  | 3807535.01          | 4.55563             | (18011724) | 397385.26 |
| 3807532.42 | 4.63532 (18011724)  |                     |            |           |
| 397408.54  | 3807529.84          | 4.68169             | (18011724) | 397431.83 |
| 3807527.26 | 4.69389 (18011724)  |                     |            |           |
| 397455.11  | 3807524.68          | 4.67180             | (18011724) | 397478.40 |
| 3807522.10 | 4.61607 (18011724)  |                     |            |           |
| 397501.68  | 3807519.52          | 4.52811             | (18011724) | 397524.96 |
| 3807516.93 | 4.47512 (17122508)  |                     |            |           |
| 397548.25  | 3807514.35          | 4.56755             | (17122508) | 397571.53 |
| 3807511.77 | 4.62835 (17122508)  |                     |            |           |
| 397594.81  | 3807509.19          | 4.65645             | (17122508) | 397618.10 |
| 3807506.61 | 4.65140 (17122508)  |                     |            |           |
| 397641.38  | 3807504.02          | 4.61350             | (17122508) | 397664.67 |
| 3807501.44 | 4.54369 (17122508)  |                     |            |           |
| 397687.95  | 3807498.86          | 4.44365             | (17122508) | 385253.36 |
| 3815766.72 | 2.14308 (16060408)  |                     |            |           |
| 385252.57  | 3815790.20          | 2.37273             | (16060408) | 385251.79 |
| 3815813.67 | 2.61260c (20122908) |                     |            |           |
| 385251.00  | 3815837.14          | 2.92352c (20122908) |            | 385250.22 |
| 3815860.61 | 3.25378 (17122724)  |                     |            |           |
| 385249.43  | 3815884.09          | 3.74066             | (17122724) | 385248.64 |
| 3815907.56 | 4.19874 (17122724)  |                     |            |           |
| 385247.86  | 3815931.03          | 4.41192             | (17122724) | 385247.07 |
| 3815954.50 | 4.36732 (17122724)  |                     |            |           |
| 385246.29  | 3815977.98          | 4.28865             | (17122724) | 385245.50 |
| 3816001.45 | 4.17781 (17122724)  |                     |            |           |
| 385244.71  | 3816024.92          | 4.09262             | (18010808) | 385243.93 |
| 3816048.39 | 4.15521 (18010808)  |                     |            |           |
| 383932.19  | 3815701.65          | 1.06039c (20122908) |            | 383943.61 |
| 3815681.19 | 1.14406c (20122908) |                     |            |           |
| 383955.04  | 3815660.73          | 1.36293             | (16060408) | 383966.46 |
| 3815640.26 | 1.62209 (16060408)  |                     |            |           |
| 383977.88  | 3815619.80          | 1.71141             | (16060408) | 383989.30 |
| 3815599.34 | 1.50792 (16060408)  |                     |            |           |
| 384000.72  | 3815578.88          | 1.17598             | (16060408) | 384012.14 |
| 3815558.42 | 0.98054 (20020408)  |                     |            |           |
| 384023.56  | 3815537.95          | 0.92036             | (20020408) | 384034.98 |
| 3815517.49 | 0.88337 (20020408)  |                     |            |           |
| 384046.41  | 3815497.03          | 0.83770             | (20020408) | 384057.83 |
| 3815476.57 | 0.80287 (20020408)  |                     |            |           |
| 384069.25  | 3815456.11          | 0.76579             | (20020408) | 384080.67 |
| 3815435.65 | 0.74320 (20020408)  |                     |            |           |
| 384092.09  | 3815415.18          | 0.74423             | (20020408) | 384103.51 |
| 3815394.72 | 0.75698 (20020408)  |                     |            |           |
| 384114.93  | 3815374.26          | 0.77541             | (20020408) | 384126.35 |
| 3815353.80 | 0.79591 (20020408)  |                     |            |           |
| 384137.78  | 3815333.34          | 0.80212             | (20020408) | 384149.20 |
| 3815312.88 | 0.79436 (17122424)  |                     |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384160.62  | 3815292.41 | 0.79047    | (17122424) | 384172.04 |
| 3815271.95 | 0.74475    | (17122424) |            |           |
| 384183.46  | 3815251.49 | 0.68972    | (20020408) | 384194.88 |
| 3815231.03 | 0.63831    | (20020408) |            |           |
| 384206.30  | 3815210.57 | 0.58921    | (17012708) | 384217.72 |
| 3815190.10 | 0.55848    | (17012708) |            |           |
| 384229.15  | 3815169.64 | 0.54312    | (17012708) | 384240.57 |
| 3815149.18 | 0.53756    | (17012708) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1185

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 384251.99   | 3815128.72  | 0.53666    | (17012708) | 384263.41   |
| 3815108.26  | 0.53253     | (17012708) |            |             |
| 384274.83   | 3815087.80  | 0.52626    | (17012708) | 384286.25   |
| 3815067.33  | 0.51885     | (17012708) |            |             |
| 384297.67   | 3815046.87  | 0.52293    | (18091708) | 384309.09   |
| 3815026.41  | 0.58237     | (18091708) |            |             |
| 384320.52   | 3815005.95  | 0.65884    | (18091708) | 384331.94   |
| 3814985.49  | 0.74739     | (18091708) |            |             |
| 384343.36   | 3814965.03  | 0.83532    | (18091708) | 384354.78   |
| 3814944.56  | 0.89038     | (18091708) |            |             |
| 384366.20   | 3814924.10  | 0.87859    | (18091708) | 384377.62   |
| 3814903.64  | 0.80582     | (18091708) |            |             |
| 384389.04   | 3814883.18  | 0.71450    | (20102624) | 384400.47   |
| 3814862.72  | 0.64734     | (20102624) |            |             |
| 384411.89   | 3814842.25  | 0.58610    | (20102624) | 384423.31   |
| 3814821.79  | 0.53445     | (20102624) |            |             |
| 384434.73   | 3814801.33  | 0.50873    | (19121624) | 384446.15   |
| 3814780.87  | 0.50913     | (19121624) |            |             |
| 384457.57   | 3814760.41  | 0.50875    | (19121624) | 384468.99   |
| 3814739.95  | 0.50916     | (19121624) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384480.41  | 3814719.48         | 0.50922 | (19121624) | 384491.84 |
| 3814699.02 | 0.50927 (19121624) |         |            |           |
| 384503.26  | 3814678.56         | 0.50855 | (19121624) | 384514.68 |
| 3814658.10 | 0.50766 (19121624) |         |            |           |
| 384526.10  | 3814637.64         | 0.50570 | (19121624) | 384537.52 |
| 3814617.18 | 0.50287 (19121624) |         |            |           |
| 384548.94  | 3814596.71         | 0.49953 | (19121624) | 384560.36 |
| 3814576.25 | 0.49582 (19121624) |         |            |           |
| 384571.78  | 3814555.79         | 0.49142 | (19121624) | 384583.21 |
| 3814535.33 | 0.48688 (19121624) |         |            |           |
| 384594.63  | 3814514.87         | 0.48188 | (19121624) | 384606.05 |
| 3814494.40 | 0.47649 (19121624) |         |            |           |
| 384617.47  | 3814473.94         | 0.47147 | (19121624) | 384628.89 |
| 3814453.48 | 0.47255 (19121624) |         |            |           |
| 384640.31  | 3814433.02         | 0.47655 | (19121624) | 384651.73 |
| 3814412.56 | 0.47728 (19121624) |         |            |           |
| 384663.15  | 3814392.10         | 0.47055 | (19121624) | 384674.58 |
| 3814371.63 | 0.46663 (19121624) |         |            |           |
| 384686.00  | 3814351.17         | 0.46762 | (19121624) | 384697.42 |
| 3814330.71 | 0.47061 (19121624) |         |            |           |
| 384708.84  | 3814310.25         | 0.47451 | (19121624) | 384720.26 |
| 3814289.79 | 0.47904 (19121624) |         |            |           |
| 384731.68  | 3814269.33         | 0.47855 | (19121624) | 384743.10 |
| 3814248.86 | 0.47406 (19121624) |         |            |           |
| 384754.52  | 3814228.40         | 0.46599 | (19121624) | 384765.95 |
| 3814207.94 | 0.45715 (19121624) |         |            |           |
| 384777.37  | 3814187.48         | 0.44835 | (19121624) | 384788.79 |
| 3814167.02 | 0.43906 (19121624) |         |            |           |
| 384800.21  | 3814146.55         | 0.42939 | (19121624) | 384811.63 |
| 3814126.09 | 0.41992 (19121624) |         |            |           |
| 384823.05  | 3814105.63         | 0.41086 | (19121624) | 384834.47 |
| 3814085.17 | 0.40252 (19121624) |         |            |           |
| 384845.89  | 3814064.71         | 0.39360 | (19121624) | 384857.32 |
| 3814044.25 | 0.38337 (19012208) |         |            |           |
| 384868.74  | 3814023.78         | 0.36681 | (19121624) | 384880.16 |
| 3814003.32 | 0.35189 (19121624) |         |            |           |
| 384891.58  | 3813982.86         | 0.33663 | (19121624) | 384903.00 |
| 3813962.40 | 0.32731 (18111116) |         |            |           |
| 384914.42  | 3813941.94         | 0.32875 | (16121816) | 384925.84 |
| 3813921.48 | 0.32972 (16121816) |         |            |           |
| 384937.26  | 3813901.01         | 0.32805 | (16121816) | 384948.69 |
| 3813880.55 | 0.32637 (16121816) |         |            |           |
| 384960.11  | 3813860.09         | 0.32499 | (16121816) | 384971.53 |
| 3813839.63 | 0.32598 (16121816) |         |            |           |
| 384982.95  | 3813819.17         | 0.32997 | (16121816) | 384994.37 |
| 3813798.70 | 0.33385 (16121816) |         |            |           |
| 385005.79  | 3813778.24         | 0.33853 | (16121816) | 385017.21 |
| 3813757.78 | 0.34228 (16121816) |         |            |           |
| 385028.63  | 3813737.32         | 0.34846 | (19101108) | 385040.06 |
| 3813716.86 | 0.35224 (19101108) |         |            |           |





|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 385371.27  | 3813123.47          | 0.40934  | (19103008) | 385382.69 |
| 3813103.00 | 0.40603 (19103008)  |          |            |           |
| 385394.11  | 3813082.54          | 0.39748  | (19103008) | 385405.54 |
| 3813062.08 | 0.39545 (19103008)  |          |            |           |
| 385416.96  | 3813041.62          | 0.39894  | (19103008) | 385428.38 |
| 3813021.16 | 0.40679 (19103008)  |          |            |           |
| 385439.80  | 3813000.70          | 0.41372  | (19103008) | 385451.22 |
| 3812980.23 | 0.41570 (19103008)  |          |            |           |
| 385462.64  | 3812959.77          | 0.41060  | (19103008) | 385474.06 |
| 3812939.31 | 0.40494 (19103008)  |          |            |           |
| 385485.48  | 3812918.85          | 0.40788  | (19103008) | 385496.91 |
| 3812898.39 | 0.41561 (19103008)  |          |            |           |
| 385508.33  | 3812877.92          | 0.42752  | (19103008) | 385519.75 |
| 3812857.46 | 0.43801 (19103008)  |          |            |           |
| 385531.17  | 3812837.00          | 0.44879  | (19103008) | 385542.59 |
| 3812816.54 | 0.45721 (19103008)  |          |            |           |
| 385554.01  | 3812796.08          | 0.48014m | (20031608) | 385565.43 |
| 3812775.62 | 0.54196m (20031608) |          |            |           |
| 385576.85  | 3812755.15          | 0.59782m | (20031608) | 385588.28 |
| 3812734.69 | 0.65888m (20031608) |          |            |           |
| 385599.70  | 3812714.23          | 0.73759m | (20031608) | 385611.12 |
| 3812693.77 | 0.83591m (20031608) |          |            |           |
| 385622.54  | 3812673.31          | 0.96081  | (16112908) | 385633.96 |
| 3812652.85 | 1.08936 (16112908)  |          |            |           |
| 385645.38  | 3812632.38          | 1.18189  | (16112908) | 385656.80 |
| 3812611.92 | 1.24131 (16112908)  |          |            |           |
| 385668.22  | 3812591.46          | 1.34121  | (16112908) | 385679.65 |
| 3812571.00 | 1.41248 (17092824)  |          |            |           |
| 385691.07  | 3812550.54          | 1.61046  | (17092824) | 385702.49 |
| 3812530.07 | 1.65501 (17092824)  |          |            |           |
| 385713.91  | 3812509.61          | 1.52279  | (17092824) | 385725.33 |
| 3812489.15 | 1.30493 (17092824)  |          |            |           |
| 385736.75  | 3812468.69          | 1.17358m | (20031608) | 385748.17 |
| 3812448.23 | 1.07719m (20031608) |          |            |           |
| 385759.60  | 3812427.77          | 0.98228m | (20031608) | 385771.02 |
| 3812407.30 | 0.88775m (20031608) |          |            |           |
| 385782.44  | 3812386.84          | 0.80488m | (20031608) | 385793.86 |
| 3812366.38 | 0.72648m (20031608) |          |            |           |
| 385805.28  | 3812345.92          | 0.65589m | (20031608) | 385816.70 |
| 3812325.46 | 0.59023m (20031608) |          |            |           |
| 385828.12  | 3812305.00          | 0.55807m | (20031608) | 385839.54 |
| 3812284.53 | 0.56450m (20031608) |          |            |           |
| 385850.97  | 3812264.07          | 0.57303m | (20031608) | 385862.39 |
| 3812243.61 | 0.56933m (20031608) |          |            |           |
| 385873.81  | 3812223.15          | 0.57663m | (20031608) | 385885.23 |
| 3812202.69 | 0.60264 (20090908)  |          |            |           |
| 385896.65  | 3812182.22          | 0.66560  | (20090908) | 385908.07 |
| 3812161.76 | 0.69522 (20090908)  |          |            |           |
| 385919.49  | 3812141.30          | 0.69804  | (20090908) | 385930.91 |
| 3812120.84 | 0.65920 (20090908)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385942.34  | 3812100.38         | 0.62619 | (20090908) | 385953.76 |
| 3812079.92 | 0.58182 (20090908) |         |            |           |
| 385965.18  | 3812059.45         | 0.52723 | (20090908) | 385976.60 |
| 3812038.99 | 0.46322 (20090908) |         |            |           |
| 385988.02  | 3812018.53         | 0.40956 | (16012524) | 385999.44 |
| 3811998.07 | 0.37684 (16012524) |         |            |           |
| 386010.86  | 3811977.61         | 0.34453 | (19012216) | 386022.28 |
| 3811957.15 | 0.33942 (19012216) |         |            |           |
| 386033.71  | 3811936.68         | 0.33775 | (19012216) | 386045.13 |
| 3811916.22 | 0.33514 (19012216) |         |            |           |
| 386056.55  | 3811895.76         | 0.33783 | (19012216) | 386067.97 |
| 3811875.30 | 0.34155 (19012216) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1187

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 386079.39   | 3811854.84         | 0.34150    | (19012216) | 386090.81   |
| 3811834.37  | 0.33837 (19012216) |            |            |             |
| 386102.23   | 3811813.91         | 0.33327    | (19012216) | 386113.65   |
| 3811793.45  | 0.33116 (19012216) |            |            |             |
| 386125.08   | 3811772.99         | 0.33003    | (19012216) | 386136.50   |
| 3811752.53  | 0.32748 (19012216) |            |            |             |
| 386147.92   | 3811732.07         | 0.32135    | (19012216) | 386159.34   |
| 3811711.60  | 0.31633 (19012216) |            |            |             |
| 386170.76   | 3811691.14         | 0.30958    | (19012216) | 386182.18   |
| 3811670.68  | 0.29938 (19012216) |            |            |             |
| 386193.60   | 3811650.22         | 0.28920    | (19012216) | 386205.02   |
| 3811629.76  | 0.27977 (19012216) |            |            |             |
| 386216.45   | 3811609.29         | 0.27245    | (19012216) | 386227.87   |
| 3811588.83  | 0.26791 (19012216) |            |            |             |
| 386239.29   | 3811568.37         | 0.26638    | (19012216) | 386250.71   |
| 3811547.91  | 0.26251 (19012216) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386262.13  | 3811527.45         | 0.25761 | (19012216) | 386273.55 |
| 3811506.99 | 0.25274 (19012216) |         |            |           |
| 386284.97  | 3811486.52         | 0.24624 | (19012216) | 386296.39 |
| 3811466.06 | 0.23928 (19012216) |         |            |           |
| 386307.82  | 3811445.60         | 0.22836 | (19012216) | 386319.24 |
| 3811425.14 | 0.21800 (19012216) |         |            |           |
| 386330.66  | 3811404.68         | 0.20875 | (19012216) | 386342.08 |
| 3811384.22 | 0.20110 (19012216) |         |            |           |
| 386353.50  | 3811363.75         | 0.19334 | (19012216) | 386364.92 |
| 3811343.29 | 0.18729 (19121716) |         |            |           |
| 386376.34  | 3811322.83         | 0.19446 | (19121716) | 386387.76 |
| 3811302.37 | 0.20210 (19121716) |         |            |           |
| 386399.19  | 3811281.91         | 0.20988 | (19121716) | 386410.61 |
| 3811261.44 | 0.21792 (19121716) |         |            |           |
| 386422.03  | 3811240.98         | 0.22540 | (19121716) | 386433.45 |
| 3811220.52 | 0.23207 (19121716) |         |            |           |
| 386444.87  | 3811200.06         | 0.23816 | (19121716) | 386456.29 |
| 3811179.60 | 0.24525 (19121716) |         |            |           |
| 386467.71  | 3811159.14         | 0.25286 | (19121716) | 386479.13 |
| 3811138.67 | 0.26045 (19121716) |         |            |           |
| 386490.56  | 3811118.21         | 0.26717 | (19121716) | 386501.98 |
| 3811097.75 | 0.27397 (19121716) |         |            |           |
| 386513.40  | 3811077.29         | 0.28257 | (19121716) | 386524.82 |
| 3811056.83 | 0.29409 (19121716) |         |            |           |
| 386536.24  | 3811036.37         | 0.30803 | (19121716) | 386547.66 |
| 3811015.90 | 0.31887 (19121716) |         |            |           |
| 386559.08  | 3810995.44         | 0.32755 | (19121716) | 386570.50 |
| 3810974.98 | 0.33466 (19121716) |         |            |           |
| 386581.93  | 3810954.52         | 0.33993 | (19121716) | 386593.35 |
| 3810934.06 | 0.34553 (19121716) |         |            |           |
| 386604.77  | 3810913.59         | 0.35132 | (19121716) | 386616.19 |
| 3810893.13 | 0.35580 (19121716) |         |            |           |
| 386627.61  | 3810872.67         | 0.35896 | (19121716) | 386639.03 |
| 3810852.21 | 0.36125 (19121716) |         |            |           |
| 386650.45  | 3810831.75         | 0.36276 | (19121716) | 386661.87 |
| 3810811.29 | 0.36483 (19121716) |         |            |           |
| 386673.30  | 3810790.82         | 0.36593 | (19121716) | 386684.72 |
| 3810770.36 | 0.36607 (19121716) |         |            |           |
| 386696.14  | 3810749.90         | 0.36644 | (19121716) | 386707.56 |
| 3810729.44 | 0.36712 (19121716) |         |            |           |
| 386718.98  | 3810708.98         | 0.36770 | (19121716) | 386730.40 |
| 3810688.52 | 0.36607 (19121716) |         |            |           |
| 386741.82  | 3810668.05         | 0.36365 | (19121716) | 386753.24 |
| 3810647.59 | 0.36254 (19121716) |         |            |           |
| 386764.67  | 3810627.13         | 0.36086 | (19121716) | 386776.09 |
| 3810606.67 | 0.35877 (19121716) |         |            |           |
| 386787.51  | 3810586.21         | 0.35635 | (19121716) | 386798.93 |
| 3810565.74 | 0.35379 (19121716) |         |            |           |
| 386810.35  | 3810545.28         | 0.35091 | (19121716) | 386821.77 |
| 3810524.82 | 0.34732 (19121716) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386833.19  | 3810504.36 | 0.34372    | (19121716) | 386844.61 |
| 3810483.90 | 0.33934    | (19121716) |            |           |
| 386856.04  | 3810463.44 | 0.33532    | (19121716) | 386867.46 |
| 3810442.97 | 0.33115    | (19121716) |            |           |
| 386878.88  | 3810422.51 | 0.32604    | (19121716) | 386890.30 |
| 3810402.05 | 0.32092    | (19121716) |            |           |
| 386901.72  | 3810381.59 | 0.31297    | (19121716) | 386913.14 |
| 3810361.13 | 0.30472    | (19121716) |            |           |
| 386924.56  | 3810340.67 | 0.29880    | (19121716) | 386935.98 |
| 3810320.20 | 0.29463    | (19121716) |            |           |
| 386947.41  | 3810299.74 | 0.29362    | (20020416) | 386958.83 |
| 3810279.28 | 0.29287    | (20020416) |            |           |
| 386970.25  | 3810258.82 | 0.29088    | (20020416) | 386981.67 |
| 3810238.36 | 0.29046    | (20020416) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1188

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 386993.09   | 3810217.89  | 0.28917    | (20020416) | 387004.51   |
| 3810197.43  | 0.28772     | (20020416) |            |             |
| 387015.93   | 3810176.97  | 0.28797    | (18122824) | 387027.35   |
| 3810156.51  | 0.30915     | (18122824) |            |             |
| 387038.78   | 3810136.05  | 0.33724    | (18122824) | 387050.20   |
| 3810115.59  | 0.37411     | (18122824) |            |             |
| 387061.62   | 3810095.12  | 0.40516    | (18122824) | 387073.04   |
| 3810074.66  | 0.44270     | (18122824) |            |             |
| 387084.46   | 3810054.20  | 0.49858    | (18122824) | 387095.88   |
| 3810033.74  | 0.56779     | (18122824) |            |             |
| 387107.30   | 3810013.28  | 0.64771    | (18122824) | 387118.73   |
| 3809992.82  | 0.72632     | (18122824) |            |             |
| 387130.15   | 3809972.35  | 0.79920    | (18122824) | 387141.57   |
| 3809951.89  | 0.96515     | (20031124) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387152.99  | 3809931.43         | 0.93644 | (20031124) | 387164.41 |
| 3809910.97 | 0.92423 (20031124) |         |            |           |
| 387175.83  | 3809890.51         | 0.82594 | (20031124) | 387187.25 |
| 3809870.04 | 0.74124 (20031124) |         |            |           |
| 387198.67  | 3809849.58         | 0.68666 | (18122824) | 387210.10 |
| 3809829.12 | 0.63193 (18122824) |         |            |           |
| 387221.52  | 3809808.66         | 0.58873 | (18122824) | 387232.94 |
| 3809788.20 | 0.55833 (18122824) |         |            |           |
| 387244.36  | 3809767.74         | 0.54186 | (18122824) | 387255.78 |
| 3809747.27 | 0.49437 (18122824) |         |            |           |
| 387267.20  | 3809726.81         | 0.44811 | (19113008) | 387278.62 |
| 3809706.35 | 0.42496 (17012524) |         |            |           |
| 387290.04  | 3809685.89         | 0.45851 | (17012524) | 387301.47 |
| 3809665.43 | 0.51490 (17012524) |         |            |           |
| 387312.89  | 3809644.97         | 0.56591 | (20051008) | 387324.31 |
| 3809624.50 | 0.60928 (20051008) |         |            |           |
| 387335.73  | 3809604.04         | 0.60926 | (19013108) | 387347.15 |
| 3809583.58 | 0.60506 (19013108) |         |            |           |
| 387358.57  | 3809563.12         | 0.55735 | (17012524) | 387369.99 |
| 3809542.66 | 0.52910 (17012524) |         |            |           |
| 387381.41  | 3809522.19         | 0.52270 | (17012524) | 387392.84 |
| 3809501.73 | 0.54653 (17012524) |         |            |           |
| 387404.26  | 3809481.27         | 0.77078 | (19013108) | 387415.68 |
| 3809460.81 | 1.08270 (19013108) |         |            |           |
| 387427.10  | 3809440.35         | 1.29726 | (19013108) | 387438.52 |
| 3809419.89 | 1.46567 (19013108) |         |            |           |
| 387449.94  | 3809399.42         | 1.64031 | (19013108) | 387461.36 |
| 3809378.96 | 1.86983 (19013108) |         |            |           |
| 387472.78  | 3809358.50         | 2.16451 | (19013108) | 387484.21 |
| 3809338.04 | 2.41839 (19013108) |         |            |           |
| 387495.63  | 3809317.58         | 2.52173 | (19013108) | 387507.05 |
| 3809297.11 | 2.62543 (17010808) |         |            |           |
| 387518.47  | 3809276.65         | 2.55456 | (17010808) | 387529.89 |
| 3809256.19 | 2.46475 (17010808) |         |            |           |
| 387541.31  | 3809235.73         | 2.25273 | (17010808) | 387552.73 |
| 3809215.27 | 2.11548 (17010808) |         |            |           |
| 387564.15  | 3809194.81         | 2.02515 | (17010808) | 387575.58 |
| 3809174.34 | 2.12720 (17010808) |         |            |           |
| 387587.00  | 3809153.88         | 2.50790 | (17010808) | 387598.42 |
| 3809133.42 | 2.86779 (17010808) |         |            |           |
| 387609.84  | 3809112.96         | 3.17274 | (17010808) | 387621.26 |
| 3809092.50 | 3.40161 (17010808) |         |            |           |
| 387632.68  | 3809072.04         | 3.46414 | (17010808) | 387644.10 |
| 3809051.57 | 3.30898 (17010808) |         |            |           |
| 387655.52  | 3809031.11         | 3.02820 | (17010808) | 387666.95 |
| 3809010.65 | 2.87155 (18030508) |         |            |           |
| 387678.37  | 3808990.19         | 2.74424 | (18030508) | 387689.79 |
| 3808969.73 | 2.67165 (18030508) |         |            |           |
| 387701.21  | 3808949.26         | 2.57139 | (18030508) | 387712.63 |
| 3808928.80 | 2.55056 (18030508) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387724.05  | 3808908.34         | 2.64550 | (18030508) | 387735.47 |
| 3808887.88 | 2.66960 (18030508) |         |            |           |
| 387746.89  | 3808867.42         | 2.57419 | (18030508) | 387758.32 |
| 3808846.96 | 2.46610 (18030508) |         |            |           |
| 387769.74  | 3808826.49         | 2.44244 | (18030508) | 387781.16 |
| 3808806.03 | 2.48099 (18030508) |         |            |           |
| 387792.58  | 3808785.57         | 2.47175 | (18010224) | 387804.00 |
| 3808765.11 | 2.61966 (18010224) |         |            |           |
| 387815.42  | 3808744.65         | 2.77450 | (18010224) | 387826.84 |
| 3808724.19 | 3.04666 (18010224) |         |            |           |
| 387838.26  | 3808703.72         | 3.24705 | (18010224) | 387849.69 |
| 3808683.26 | 3.30105 (18010224) |         |            |           |
| 387861.11  | 3808662.80         | 3.33519 | (18010224) | 387872.53 |
| 3808642.34 | 3.34892 (18010224) |         |            |           |
| 387883.95  | 3808621.88         | 3.37635 | (18032808) | 387895.37 |
| 3808601.41 | 3.52231 (18032808) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1189

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387906.79   | 3808580.95         | 3.65197    | (18032808) | 387918.21   |
| 3808560.49  | 3.76323 (18032808) |            |            |             |
| 387929.63   | 3808540.03         | 3.85424    | (18032808) | 387941.06   |
| 3808519.57  | 3.77864 (18032808) |            |            |             |
| 387952.48   | 3808499.11         | 3.85642    | (18032808) | 387963.90   |
| 3808478.64  | 3.93796 (18032808) |            |            |             |
| 387975.32   | 3808458.18         | 3.97863    | (18032808) | 387986.74   |
| 3808437.72  | 3.96613 (18032808) |            |            |             |
| 387998.16   | 3808417.26         | 3.91771    | (18032808) | 388009.58   |
| 3808396.80  | 3.84693 (18032808) |            |            |             |
| 388021.00   | 3808376.34         | 3.75513    | (18032808) | 388032.43   |
| 3808355.87  | 3.64389 (18032808) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388043.85  | 3808335.41         | 3.51529 | (18032808) | 388055.27 |
| 3808314.95 | 3.37144 (18032808) |         |            |           |
| 388066.69  | 3808294.49         | 3.21468 | (18032808) | 388078.11 |
| 3808274.03 | 3.04748 (18032808) |         |            |           |
| 388089.53  | 3808253.56         | 2.87226 | (18032808) | 388100.95 |
| 3808233.10 | 2.69162 (18032808) |         |            |           |
| 388112.37  | 3808212.64         | 2.51639 | (17122508) | 388123.80 |
| 3808192.18 | 2.47992 (16110424) |         |            |           |
| 388135.22  | 3808171.72         | 2.64974 | (16110424) | 388146.64 |
| 3808151.26 | 2.91192 (16110424) |         |            |           |
| 388158.06  | 3808130.79         | 3.07259 | (16110424) | 388169.48 |
| 3808110.33 | 3.22334 (16110424) |         |            |           |
| 388180.90  | 3808089.87         | 3.31117 | (16110424) | 388192.32 |
| 3808069.41 | 3.45181 (16110424) |         |            |           |
| 388203.74  | 3808048.95         | 3.55471 | (16110424) | 388215.17 |
| 3808028.49 | 3.59708 (16110424) |         |            |           |
| 388226.59  | 3808008.02         | 3.74454 | (16110424) | 388238.01 |
| 3807987.56 | 3.81002 (16110424) |         |            |           |
| 388249.43  | 3807967.10         | 3.84090 | (16110424) | 388260.85 |
| 3807946.64 | 3.85046 (16110424) |         |            |           |
| 388272.27  | 3807926.18         | 3.83864 | (16110424) | 388283.69 |
| 3807905.71 | 3.80571 (16110424) |         |            |           |
| 388295.11  | 3807885.25         | 3.75233 | (16110424) | 388306.54 |
| 3807864.79 | 3.67943 (16110424) |         |            |           |
| 388317.96  | 3807844.33         | 3.58830 | (16110424) | 388329.38 |
| 3807823.87 | 3.48046 (16110424) |         |            |           |
| 388340.80  | 3807803.41         | 3.35763 | (16110424) | 388352.22 |
| 3807782.94 | 3.42438 (16122124) |         |            |           |
| 388363.64  | 3807762.48         | 3.57375 | (16122124) | 388375.06 |
| 3807742.02 | 3.71289 (16122124) |         |            |           |
| 388386.48  | 3807721.56         | 3.84005 | (16122124) | 388397.91 |
| 3807701.10 | 3.95363 (16122124) |         |            |           |
| 388409.33  | 3807680.64         | 4.05209 | (16122124) | 388420.75 |
| 3807660.17 | 4.13421 (16122124) |         |            |           |
| 388432.17  | 3807639.71         | 4.19892 | (16122124) | 388443.59 |
| 3807619.25 | 4.24544 (16122124) |         |            |           |
| 388455.01  | 3807598.79         | 4.27327 | (16122124) | 388466.43 |
| 3807578.33 | 4.28215 (16122124) |         |            |           |
| 388477.86  | 3807557.86         | 4.27212 | (16122124) | 388489.28 |
| 3807537.40 | 4.24351 (16122124) |         |            |           |
| 388500.70  | 3807516.94         | 4.19692 | (16122124) | 388512.12 |
| 3807496.48 | 4.13319 (16122124) |         |            |           |
| 388523.54  | 3807476.02         | 4.05339 | (16122124) | 388534.96 |
| 3807455.56 | 3.95878 (16122124) |         |            |           |
| 388546.38  | 3807435.09         | 3.85077 | (16122124) | 388557.80 |
| 3807414.63 | 3.73099 (16122124) |         |            |           |
| 388569.23  | 3807394.17         | 3.60102 | (16122124) | 388580.65 |
| 3807373.71 | 3.46267 (16122124) |         |            |           |
| 388592.07  | 3807353.25         | 3.31762 | (16122124) | 388603.49 |
| 3807332.79 | 3.16761 (16122124) |         |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388638.20  | 3807309.74         | 2.88388 | (20040908) | 388661.49 |
| 3807307.16 | 2.82061 (17021608) |         |            |           |
| 388684.78  | 3807304.58         | 2.85956 | (17021608) | 388708.07 |
| 3807301.99 | 2.88494 (17021608) |         |            |           |
| 388731.36  | 3807299.41         | 2.89631 | (17021608) | 388754.65 |
| 3807296.83 | 2.89343 (17021608) |         |            |           |
| 388777.95  | 3807294.25         | 2.87625 | (17021608) | 388801.24 |
| 3807291.66 | 2.84496 (17021608) |         |            |           |
| 388824.53  | 3807289.08         | 2.79996 | (17021608) | 388847.82 |
| 3807286.50 | 2.74184 (17021608) |         |            |           |
| 388871.11  | 3807283.91         | 2.67134 | (17021608) | 388894.40 |
| 3807281.33 | 2.58948 (17021608) |         |            |           |
| 388917.69  | 3807278.75         | 2.49731 | (17021608) | 388940.98 |
| 3807276.17 | 2.39608 (17021608) |         |            |           |
| 388964.27  | 3807273.58         | 2.28706 | (17021608) | 388987.56 |
| 3807271.00 | 2.17172 (17021608) |         |            |           |
| 389010.85  | 3807268.42         | 2.08402 | (20121924) | 389034.14 |
| 3807265.84 | 2.25224 (20121924) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume Study  
 \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1190

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389057.43   | 3807263.25         | 2.42175    | (20121924) | 389080.73   |
| 3807260.67  | 2.59080 (20121924) |            |            |             |
| 389104.02   | 3807258.09         | 2.78034    | (16011708) | 389127.31   |
| 3807255.51  | 2.99577 (16011708) |            |            |             |
| 389150.60   | 3807252.92         | 3.21303    | (16011708) | 389173.89   |
| 3807250.34  | 3.43000 (16011708) |            |            |             |
| 389197.18   | 3807247.76         | 3.64458    | (16011708) | 389220.47   |
| 3807245.18  | 3.85447 (16011708) |            |            |             |
| 389243.76   | 3807242.59         | 4.05736    | (16011708) | 389267.05   |
| 3807240.01  | 4.25075 (16011708) |            |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 389290.34  | 3807237.43          | 4.43228             | (16011708) | 389313.63 |
| 3807234.85 | 4.59959 (16011708)  |                     |            |           |
| 389336.92  | 3807232.26          | 4.75046             | (16011708) | 389360.21 |
| 3807229.68 | 4.88270 (16011708)  |                     |            |           |
| 389383.51  | 3807227.10          | 4.99448             | (16011708) | 389406.80 |
| 3807224.51 | 5.08404 (16011708)  |                     |            |           |
| 389430.09  | 3807221.93          | 5.14999             | (16011708) | 389453.38 |
| 3807219.35 | 5.19128 (16011708)  |                     |            |           |
| 389476.67  | 3807216.77          | 5.20717             | (16011708) | 389499.96 |
| 3807214.18 | 5.19727 (16011708)  |                     |            |           |
| 389523.25  | 3807211.60          | 5.16161             | (16011708) | 389546.54 |
| 3807209.02 | 5.10057 (16011708)  |                     |            |           |
| 389569.83  | 3807206.44          | 5.01491             | (16011708) | 389593.12 |
| 3807203.85 | 4.90572 (16011708)  |                     |            |           |
| 389616.41  | 3807201.27          | 4.77453             | (16011708) | 389639.70 |
| 3807198.69 | 4.62307 (16011708)  |                     |            |           |
| 389662.99  | 3807196.11          | 4.45337             | (16011708) | 389686.29 |
| 3807193.52 | 4.26755 (16011708)  |                     |            |           |
| 389709.58  | 3807190.94          | 4.06827             | (16011708) | 389732.87 |
| 3807188.36 | 3.85795 (16011708)  |                     |            |           |
| 389756.16  | 3807185.78          | 3.63918             | (16011708) | 389779.45 |
| 3807183.19 | 3.41453 (16011708)  |                     |            |           |
| 389802.74  | 3807180.61          | 3.18665             | (16011708) | 389826.03 |
| 3807178.03 | 2.97023 (18092724)  |                     |            |           |
| 389849.32  | 3807175.45          | 2.92011             | (18092724) | 389872.61 |
| 3807172.86 | 2.85405 (18092724)  |                     |            |           |
| 389895.90  | 3807170.28          | 2.77316             | (18092724) | 389919.19 |
| 3807167.70 | 2.67868 (18092724)  |                     |            |           |
| 389942.48  | 3807165.12          | 2.57212             | (18092724) | 389965.77 |
| 3807162.53 | 2.45509 (18092724)  |                     |            |           |
| 389989.06  | 3807159.95          | 2.54802             | (20021208) | 390012.36 |
| 3807157.37 | 2.65466 (20021208)  |                     |            |           |
| 390035.65  | 3807154.78          | 2.74944             | (20021208) | 390058.94 |
| 3807152.20 | 2.83073 (20021208)  |                     |            |           |
| 390082.23  | 3807149.62          | 2.89710             | (20021208) | 390105.52 |
| 3807147.04 | 2.94734 (20021208)  |                     |            |           |
| 390128.81  | 3807144.45          | 2.98047             | (20021208) | 390152.10 |
| 3807141.87 | 2.99584 (20021208)  |                     |            |           |
| 390175.39  | 3807139.29          | 2.99308             | (20021208) | 390198.68 |
| 3807136.71 | 2.97217 (20021208)  |                     |            |           |
| 390221.97  | 3807134.12          | 3.02307             | (20013024) | 390245.26 |
| 3807131.54 | 3.12197 (20013024)  |                     |            |           |
| 390268.55  | 3807128.96          | 3.20494             | (20013024) | 390291.84 |
| 3807126.38 | 3.27056 (20013024)  |                     |            |           |
| 390315.14  | 3807123.79          | 3.31773             | (20013024) | 390338.43 |
| 3807121.21 | 3.34559 (20013024)  |                     |            |           |
| 390361.72  | 3807118.63          | 3.35375             | (20013024) | 390385.01 |
| 3807116.05 | 3.42792m (18120924) |                     |            |           |
| 390408.30  | 3807113.46          | 3.56409m (18120924) |            | 390431.59 |
| 3807110.88 | 3.68266m (18120924) |                     |            |           |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 390454.88  | 3807108.30          | 3.78146m (18120924) | 390478.17 |
| 3807105.72 | 3.85863m (18120924) |                     |           |
| 390501.46  | 3807103.13          | 3.91267m (18120924) | 390524.75 |
| 3807100.55 | 3.94244m (18120924) |                     |           |
| 390548.04  | 3807097.97          | 3.94732m (18120924) | 390571.33 |
| 3807095.38 | 3.92709m (18120924) |                     |           |
| 390594.62  | 3807092.80          | 3.88205m (18120924) | 390617.92 |
| 3807090.22 | 3.86194 (18120308)  |                     |           |
| 390641.21  | 3807087.64          | 3.96856 (18120308)  | 390664.50 |
| 3807085.05 | 4.05206 (18120308)  |                     |           |
| 390687.79  | 3807082.47          | 4.11076 (18120308)  | 390711.08 |
| 3807079.89 | 4.14345 (18120308)  |                     |           |
| 390734.37  | 3807077.31          | 4.14940 (18120308)  | 390757.66 |
| 3807074.72 | 4.12839 (18120308)  |                     |           |
| 390780.95  | 3807072.14          | 4.08074 (18120308)  | 390804.24 |
| 3807069.56 | 4.00727 (18120308)  |                     |           |
| 390827.53  | 3807066.98          | 3.90931 (18120308)  | 390850.82 |
| 3807064.39 | 3.78861 (18120308)  |                     |           |
| 390874.11  | 3807061.81          | 3.64738 (18120308)  | 390897.40 |
| 3807059.23 | 3.61555 (20010224)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1191

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390920.70   | 3807056.65         | 3.61940    | (20010224) | 390943.99   |
| 3807054.06  | 3.59923 (20010224) |            |            |             |
| 390967.28   | 3807051.48         | 3.68700    | (17123108) | 390990.57   |
| 3807048.90  | 3.81318 (17123108) |            |            |             |
| 391013.86   | 3807046.32         | 3.91748    | (17123108) | 391037.15   |
| 3807043.73  | 3.99783 (17123108) |            |            |             |
| 391060.44   | 3807041.15         | 4.05254    | (17123108) | 391083.73   |
| 3807038.57  | 4.08044 (17123108) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391107.02  | 3807035.99         | 4.08089 | (17123108) | 391130.31 |
| 3807033.40 | 4.05377 (17123108) |         |            |           |
| 391153.60  | 3807030.82         | 3.99955 | (17123108) | 391176.89 |
| 3807028.24 | 3.91924 (17123108) |         |            |           |
| 391200.18  | 3807025.65         | 3.81432 | (17123108) | 391223.48 |
| 3807023.07 | 3.68678 (17123108) |         |            |           |
| 391246.77  | 3807020.49         | 3.53907 | (17123108) | 391270.06 |
| 3807017.91 | 3.37389 (17123108) |         |            |           |
| 391293.35  | 3807015.32         | 3.31812 | (17102724) | 391316.64 |
| 3807012.74 | 3.47124 (17102724) |         |            |           |
| 391339.93  | 3807010.16         | 3.60654 | (17102724) | 391363.22 |
| 3807007.58 | 3.72136 (17102724) |         |            |           |
| 391386.51  | 3807004.99         | 3.81336 | (17102724) | 391409.80 |
| 3807002.41 | 3.88060 (17102724) |         |            |           |
| 391433.09  | 3806999.83         | 3.92163 | (17102724) | 391456.38 |
| 3806997.25 | 3.93553 (17102724) |         |            |           |
| 391479.67  | 3806994.66         | 3.92192 | (17102724) | 391502.96 |
| 3806992.08 | 3.88101 (17102724) |         |            |           |
| 391526.25  | 3806989.50         | 3.81357 | (17102724) | 391549.55 |
| 3806986.92 | 3.72089 (17102724) |         |            |           |
| 391572.84  | 3806984.33         | 3.60484 | (17102724) | 391596.13 |
| 3806981.75 | 3.46770 (17102724) |         |            |           |
| 391619.42  | 3806979.17         | 3.31210 | (17102724) | 391642.71 |
| 3806976.59 | 3.46306 (19020708) |         |            |           |
| 391666.00  | 3806974.00         | 3.63394 | (19020708) | 391689.29 |
| 3806971.42 | 3.78626 (19020708) |         |            |           |
| 391712.58  | 3806968.84         | 3.91699 | (19020708) | 391735.87 |
| 3806966.26 | 4.02342 (19020708) |         |            |           |
| 391759.16  | 3806963.67         | 4.10330 | (19020708) | 391782.45 |
| 3806961.09 | 4.15485 (19020708) |         |            |           |
| 391805.74  | 3806958.51         | 4.17692 | (19020708) | 391829.03 |
| 3806955.92 | 4.16894 (19020708) |         |            |           |
| 391852.33  | 3806953.34         | 4.13100 | (19020708) | 391875.62 |
| 3806950.76 | 4.06387 (19020708) |         |            |           |
| 391898.91  | 3806948.18         | 3.96890 | (19020708) | 391922.20 |
| 3806945.59 | 3.84801 (19020708) |         |            |           |
| 391945.49  | 3806943.01         | 3.70369 | (19020708) | 391968.78 |
| 3806940.43 | 3.53878 (19020708) |         |            |           |
| 391992.07  | 3806937.85         | 3.56459 | (17021124) | 392015.36 |
| 3806935.26 | 3.74558 (17021124) |         |            |           |
| 392038.65  | 3806932.68         | 3.90713 | (17021124) | 392061.94 |
| 3806930.10 | 4.04596 (17021124) |         |            |           |
| 392085.23  | 3806927.52         | 4.15914 | (17021124) | 392108.52 |
| 3806924.93 | 4.24421 (17021124) |         |            |           |
| 392131.81  | 3806922.35         | 4.29927 | (17021124) | 392155.11 |
| 3806919.77 | 4.32305 (17021124) |         |            |           |
| 392178.40  | 3806917.19         | 4.31495 | (17021124) | 392201.69 |
| 3806914.60 | 4.27508 (17021124) |         |            |           |
| 392224.98  | 3806912.02         | 4.20427 | (17021124) | 392248.27 |
| 3806909.44 | 4.10401 (17021124) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392271.56  | 3806906.86         | 3.97639 | (17021124) | 392294.85 |
| 3806904.27 | 3.82405 (17021124) |         |            |           |
| 392318.14  | 3806901.69         | 3.75877 | (20031208) | 392341.43 |
| 3806899.11 | 3.76394 (20031208) |         |            |           |
| 392364.72  | 3806896.52         | 3.74102 | (20031208) | 392388.01 |
| 3806893.94 | 3.69051 (20031208) |         |            |           |
| 392411.30  | 3806891.36         | 3.61346 | (20031208) | 392434.59 |
| 3806888.78 | 3.51151 (20031208) |         |            |           |
| 392457.89  | 3806886.19         | 3.38675 | (20031208) | 392481.18 |
| 3806883.61 | 3.32639 (16102924) |         |            |           |
| 392504.47  | 3806881.03         | 3.53231 | (16102924) | 392527.76 |
| 3806878.45 | 3.72287 (16102924) |         |            |           |
| 392551.05  | 3806875.86         | 3.89427 | (16102924) | 392574.34 |
| 3806873.28 | 4.04294 (16102924) |         |            |           |
| 392597.63  | 3806870.70         | 4.16568 | (16102924) | 392620.92 |
| 3806868.12 | 4.25980 (16102924) |         |            |           |
| 392644.21  | 3806865.53         | 4.32316 | (16102924) | 392667.50 |
| 3806862.95 | 4.35428 (16102924) |         |            |           |
| 392690.79  | 3806860.37         | 4.35243 | (16102924) | 392714.08 |
| 3806857.79 | 4.31758 (16102924) |         |            |           |
| 392737.37  | 3806855.20         | 4.25048 | (16102924) | 393156.61 |
| 3806808.72 | 4.01488 (16010224) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1192

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393179.90   | 3806806.13         | 4.04205    | (16010224) | 393203.19   |
| 3806803.55  | 4.03803 (16010224) |            |            |             |
| 393226.48   | 3806800.97         | 4.00289    | (16010224) | 393249.77   |
| 3806798.39  | 3.93740 (16010224) |            |            |             |
| 393273.06   | 3806795.80         | 3.84304    | (16010224) | 393296.35   |
| 3806793.22  | 3.72193 (16010224) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 393319.64  | 3806790.64         | 3.57674 | (16010224) | 393342.93 |
| 3806788.06 | 3.45154 (17012524) |         |            |           |
| 393366.22  | 3806785.47         | 3.65613 | (17012524) | 393389.52 |
| 3806782.89 | 3.84293 (17012524) |         |            |           |
| 393412.81  | 3806780.31         | 4.00790 | (17012524) | 393436.10 |
| 3806777.73 | 4.14758 (17012524) |         |            |           |
| 393459.39  | 3806775.14         | 4.25887 | (17012524) | 393482.68 |
| 3806772.56 | 4.33925 (17012524) |         |            |           |
| 393505.97  | 3806769.98         | 4.38685 | (17012524) | 393529.26 |
| 3806767.39 | 4.40057 (17012524) |         |            |           |
| 393552.55  | 3806764.81         | 4.38008 | (17012524) | 393575.84 |
| 3806762.23 | 4.32584 (17012524) |         |            |           |
| 393599.13  | 3806759.65         | 4.23909 | (17012524) | 393622.42 |
| 3806757.06 | 4.12179 (17012524) |         |            |           |
| 393645.71  | 3806754.48         | 3.97660 | (17012524) | 393669.00 |
| 3806751.90 | 3.97894 (16122608) |         |            |           |
| 393692.30  | 3806749.32         | 3.96957 | (16122608) | 393715.59 |
| 3806746.73 | 3.93297 (16122608) |         |            |           |
| 393738.88  | 3806744.15         | 3.92501 | (17121824) | 393762.17 |
| 3806741.57 | 4.07803 (17121824) |         |            |           |
| 393785.46  | 3806738.99         | 4.20409 | (17121824) | 393808.75 |
| 3806736.40 | 4.30034 (17121824) |         |            |           |
| 393832.04  | 3806733.82         | 4.36460 | (17121824) | 393855.33 |
| 3806731.24 | 4.39539 (17121824) |         |            |           |
| 393878.62  | 3806728.66         | 4.39200 | (17121824) | 393901.91 |
| 3806726.07 | 4.35449 (17121824) |         |            |           |
| 393925.20  | 3806723.49         | 4.28376 | (17121824) | 393948.49 |
| 3806720.91 | 4.18143 (17121824) |         |            |           |
| 393971.78  | 3806718.33         | 4.04983 | (17121824) | 393995.08 |
| 3806715.74 | 3.89181 (17121824) |         |            |           |
| 394018.37  | 3806713.16         | 3.71097 | (17121824) | 394041.66 |
| 3806710.58 | 3.51104 (17121824) |         |            |           |
| 394064.95  | 3806708.00         | 3.29608 | (17121824) | 394088.24 |
| 3806705.41 | 3.15683 (16012124) |         |            |           |
| 394111.53  | 3806702.83         | 3.26705 | (16012124) | 394134.82 |
| 3806700.25 | 3.35486 (16012124) |         |            |           |
| 394158.11  | 3806697.66         | 3.41829 | (16012124) | 394181.40 |
| 3806695.08 | 3.45592 (16012124) |         |            |           |
| 394204.69  | 3806692.50         | 3.60001 | (17122408) | 394227.98 |
| 3806689.92 | 3.79166 (17122408) |         |            |           |
| 394251.27  | 3806687.33         | 3.96253 | (17122408) | 394274.56 |
| 3806684.75 | 4.10900 (17122408) |         |            |           |
| 394297.86  | 3806682.17         | 4.22791 | (17122408) | 394321.15 |
| 3806679.59 | 4.31652 (17122408) |         |            |           |
| 394344.44  | 3806677.00         | 4.37289 | (17122408) | 394367.73 |
| 3806674.42 | 4.39576 (17122408) |         |            |           |
| 394391.02  | 3806671.84         | 4.38462 | (17122408) | 394414.31 |
| 3806669.26 | 4.33974 (17122408) |         |            |           |
| 394437.60  | 3806666.67         | 4.26219 | (17122408) | 394460.89 |
| 3806664.09 | 4.15376 (17122408) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 394484.18  | 3806661.51         | 4.01692 | (17122408) | 394507.47 |
| 3806658.93 | 3.85468 (17122408) |         |            |           |
| 394530.76  | 3806656.34         | 3.67055 | (17122408) | 394554.05 |
| 3806653.76 | 3.71707 (18061208) |         |            |           |
| 394577.34  | 3806651.18         | 3.89718 | (18061208) | 394600.64 |
| 3806648.60 | 4.05521 (18061208) |         |            |           |
| 394623.93  | 3806646.01         | 4.18765 | (18061208) | 394647.22 |
| 3806643.43 | 4.29168 (18061208) |         |            |           |
| 394670.51  | 3806640.85         | 4.36499 | (18061208) | 394693.80 |
| 3806638.27 | 4.40594 (18061208) |         |            |           |
| 394717.09  | 3806635.68         | 4.41360 | (18061208) | 394740.38 |
| 3806633.10 | 4.38783 (18061208) |         |            |           |
| 394763.67  | 3806630.52         | 4.32923 | (18061208) | 394786.96 |
| 3806627.93 | 4.23916 (18061208) |         |            |           |
| 394810.25  | 3806625.35         | 4.11965 | (18061208) | 394833.54 |
| 3806622.77 | 3.97336 (18061208) |         |            |           |
| 394856.83  | 3806620.19         | 3.93679 | (20113008) | 394880.12 |
| 3806617.60 | 3.95415 (20113008) |         |            |           |
| 394903.41  | 3806615.02         | 3.94143 | (20113008) | 394926.71 |
| 3806612.44 | 3.89892 (20113008) |         |            |           |
| 394950.00  | 3806609.86         | 3.82765 | (20113008) | 394973.29 |
| 3806607.27 | 3.72926 (20113008) |         |            |           |
| 394996.58  | 3806604.69         | 3.60595 | (20113008) | 395019.87 |
| 3806602.11 | 3.46041 (20113008) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1193

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 395043.16   | 3806599.53         | 3.45218    | (16010224) | 395066.45   |
| 3806596.94  | 3.64814 (16010224) |            |            |             |
| 395089.74   | 3806594.36         | 3.82606    | (16010224) | 395113.03   |
| 3806591.78  | 3.98237 (16010224) |            |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 395136.32  | 3806589.20          | 4.11383             | (16010224) | 395159.61 |
| 3806586.61 | 4.21765 (16010224)  |                     |            |           |
| 395182.90  | 3806584.03          | 4.29164             | (16010224) | 395206.19 |
| 3806581.45 | 4.33420 (16010224)  |                     |            |           |
| 395229.49  | 3806578.87          | 4.34443             | (16010224) | 395252.78 |
| 3806576.28 | 4.32216 (16010224)  |                     |            |           |
| 395276.07  | 3806573.70          | 4.26795             | (16010224) | 395299.36 |
| 3806571.12 | 4.18307 (16010224)  |                     |            |           |
| 395322.65  | 3806568.53          | 4.06943             | (16010224) | 395345.94 |
| 3806565.95 | 3.92954 (16010224)  |                     |            |           |
| 395369.23  | 3806563.37          | 3.76638             | (16010224) | 395392.52 |
| 3806560.79 | 3.58333 (16010224)  |                     |            |           |
| 395415.81  | 3806558.20          | 3.66073             | (16120408) | 395439.10 |
| 3806555.62 | 3.83241 (16120408)  |                     |            |           |
| 395462.39  | 3806553.04          | 3.98243             | (16120408) | 395485.68 |
| 3806550.46 | 4.10775 (16120408)  |                     |            |           |
| 395508.97  | 3806547.87          | 4.20577             | (16120408) | 395532.27 |
| 3806545.29 | 4.27450 (16120408)  |                     |            |           |
| 395555.56  | 3806542.71          | 4.31242             | (16120408) | 395578.85 |
| 3806540.13 | 4.31883 (16120408)  |                     |            |           |
| 395602.14  | 3806537.54          | 4.29364             | (16120408) | 395625.43 |
| 3806534.96 | 4.23749 (16120408)  |                     |            |           |
| 395648.72  | 3806532.38          | 4.15166             | (16120408) | 395672.01 |
| 3806529.80 | 4.03805 (16120408)  |                     |            |           |
| 395695.30  | 3806527.21          | 3.89912             | (16120408) | 395718.59 |
| 3806524.63 | 3.73777 (16120408)  |                     |            |           |
| 395741.88  | 3806522.05          | 3.55727             | (16120408) | 395765.17 |
| 3806519.47 | 3.42929c (17011624) |                     |            |           |
| 395788.46  | 3806516.88          | 3.39754c (17011624) |            | 395811.75 |
| 3806514.30 | 3.34189c (17011624) |                     |            |           |
| 395835.05  | 3806511.72          | 3.26355c (17011624) |            | 395858.34 |
| 3806509.14 | 3.16428c (17011624) |                     |            |           |
| 395881.63  | 3806506.55          | 3.05909             | (20031108) | 395904.92 |
| 3806503.97 | 3.08725 (20031108)  |                     |            |           |
| 395928.21  | 3806501.39          | 3.09344             | (20031108) | 395951.50 |
| 3806498.80 | 3.07757 (20031108)  |                     |            |           |
| 395974.79  | 3806496.22          | 3.04006             | (20031108) | 395998.08 |
| 3806493.64 | 2.99816 (17031708)  |                     |            |           |
| 396021.37  | 3806491.06          | 3.08218             | (17031708) | 396044.66 |
| 3806488.47 | 3.14609 (17031708)  |                     |            |           |
| 396067.95  | 3806485.89          | 3.18866             | (17031708) | 396091.24 |
| 3806483.31 | 3.20903 (17031708)  |                     |            |           |
| 396114.53  | 3806480.73          | 3.20686             | (17031708) | 396137.83 |
| 3806478.14 | 3.24784 (16022408)  |                     |            |           |
| 396161.12  | 3806475.56          | 3.39975             | (16022408) | 396184.41 |
| 3806472.98 | 3.53771 (16022408)  |                     |            |           |
| 396207.70  | 3806470.40          | 3.66018             | (16022408) | 396230.99 |
| 3806467.81 | 3.76600 (16022408)  |                     |            |           |
| 396254.28  | 3806465.23          | 3.85443             | (16022408) | 396277.57 |
| 3806462.65 | 3.92514 (16022408)  |                     |            |           |



|                                                                                |                    |         |            |           |
|--------------------------------------------------------------------------------|--------------------|---------|------------|-----------|
| 396300.86                                                                      | 3806460.07         | 3.97823 | (16022408) | 396324.15 |
| 3806457.48                                                                     | 4.01420 (16022408) |         |            |           |
| 396347.44                                                                      | 3806454.90         | 4.03397 | (16022408) | 396370.73 |
| 3806452.32                                                                     | 4.03873 (16022408) |         |            |           |
| 396394.02                                                                      | 3806449.74         | 4.04980 | (20021824) | 396417.31 |
| 3806447.15                                                                     | 4.11524 (20021824) |         |            |           |
| 396440.60                                                                      | 3806444.57         | 4.15320 | (20021824) | 396463.90 |
| 3806441.99                                                                     | 4.16300 (20021824) |         |            |           |
| 396487.19                                                                      | 3806439.40         | 4.14450 | (20021824) | 396510.48 |
| 3806436.82                                                                     | 4.09821 (20021824) |         |            |           |
| 396533.77                                                                      | 3806434.24         | 4.02513 | (20021824) | 396557.06 |
| 3806431.66                                                                     | 4.00222 (16010908) |         |            |           |
| 396580.35                                                                      | 3806429.07         | 4.08850 | (16010908) | 396603.64 |
| 3806426.49                                                                     | 4.14858 (16010908) |         |            |           |
| 396626.93                                                                      | 3806423.91         | 4.18134 | (16010908) | 396650.22 |
| 3806421.33                                                                     | 4.18624 (16010908) |         |            |           |
| 396673.51                                                                      | 3806418.74         | 4.16325 | (16010908) | 396696.80 |
| 3806416.16                                                                     | 4.11295 (16010908) |         |            |           |
| 396720.09                                                                      | 3806413.58         | 4.03641 | (16010908) | 396743.38 |
| 3806411.00                                                                     | 3.98398 (18020908) |         |            |           |
| 396766.68                                                                      | 3806408.41         | 4.06579 | (18020908) | 396789.97 |
| 3806405.83                                                                     | 4.12190 (18020908) |         |            |           |
| 396813.26                                                                      | 3806403.25         | 4.15135 | (18020908) | 396836.55 |
| 3806400.67                                                                     | 4.15365 (18020908) |         |            |           |
| 396859.84                                                                      | 3806398.08         | 4.12885 | (18020908) | 396883.13 |
| 3806395.50                                                                     | 4.07755 (18020908) |         |            |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume Study |                    |         |            |           |
| *** 02/10/26                                                                   |                    |         |            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study                   |                    |         |            |           |
| *** 17:54:19                                                                   |                    |         |            |           |

PAGE 1194

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 396906.42   | 3806392.92  | 4.00083    | (18020908) | 396929.71   |
| 3806390.34  | 3.90024     | (18020908) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 396953.00  | 3806387.75         | 3.77775 | (18020908) | 396976.29 |
| 3806385.17 | 3.63568 (18020908) |         |            |           |
| 396999.58  | 3806382.59         | 3.47664 | (18020908) | 397022.87 |
| 3806380.01 | 3.30702 (16012624) |         |            |           |
| 397046.16  | 3806377.42         | 3.46134 | (16012624) | 397069.46 |
| 3806374.84 | 3.59968 (16012624) |         |            |           |
| 397092.75  | 3806372.26         | 3.71954 | (16012624) | 397116.04 |
| 3806369.67 | 3.81889 (16012624) |         |            |           |
| 397139.33  | 3806367.09         | 3.89605 | (16012624) | 397162.62 |
| 3806364.51 | 3.94965 (16012624) |         |            |           |
| 397185.91  | 3806361.93         | 3.97879 | (16012624) | 397209.20 |
| 3806359.34 | 3.98301 (16012624) |         |            |           |
| 397232.49  | 3806356.76         | 3.96235 | (16012624) | 397255.78 |
| 3806354.18 | 3.91729 (16012624) |         |            |           |
| 397279.07  | 3806351.60         | 3.84876 | (16012624) | 397302.36 |
| 3806349.01 | 3.84809 (18120424) |         |            |           |
| 397325.65  | 3806346.43         | 3.92861 | (18120424) | 397348.94 |
| 3806343.85 | 3.98603 (18120424) |         |            |           |
| 397372.24  | 3806341.27         | 4.01942 | (18120424) | 397395.53 |
| 3806338.68 | 4.02823 (18120424) |         |            |           |
| 397418.82  | 3806336.10         | 4.01244 | (18120424) | 397442.11 |
| 3806333.52 | 3.97242 (18120424) |         |            |           |
| 397465.40  | 3806330.94         | 3.90900 | (18120424) | 397488.69 |
| 3806328.35 | 3.82342 (18120424) |         |            |           |
| 397511.98  | 3806325.77         | 3.71726 | (18120424) | 397535.27 |
| 3806323.19 | 3.59246 (18120424) |         |            |           |
| 397558.56  | 3806320.61         | 3.45209 | (18120424) | 397581.85 |
| 3806318.02 | 3.30039 (16110324) |         |            |           |
| 397605.14  | 3806315.44         | 3.37663 | (18011724) | 397628.43 |
| 3806312.86 | 3.52054 (18011724) |         |            |           |
| 397651.72  | 3806310.28         | 3.64865 | (18011724) | 397675.02 |
| 3806307.69 | 3.75896 (18011724) |         |            |           |
| 397698.31  | 3806305.11         | 3.84964 | (18011724) | 397721.60 |
| 3806302.53 | 3.91928 (18011724) |         |            |           |
| 397744.89  | 3806299.94         | 3.96674 | (18011724) | 397768.18 |
| 3806297.36 | 3.99134 (18011724) |         |            |           |
| 397791.47  | 3806294.78         | 3.99274 | (18011724) | 397814.76 |
| 3806292.20 | 3.97102 (18011724) |         |            |           |
| 397838.05  | 3806289.61         | 3.92666 | (18011724) | 397861.34 |
| 3806287.03 | 3.86051 (18011724) |         |            |           |
| 397884.63  | 3806284.45         | 3.77950 | (17122508) | 397907.92 |
| 3806281.87 | 3.85771 (17122508) |         |            |           |
| 397931.21  | 3806279.28         | 3.91498 | (17122508) | 397954.50 |
| 3806276.70 | 3.95048 (17122508) |         |            |           |
| 397977.79  | 3806274.12         | 3.96370 | (17122508) | 398001.09 |
| 3806271.54 | 3.95450 (17122508) |         |            |           |
| 398024.38  | 3806268.95         | 3.92316 | (17122508) | 398047.67 |
| 3806266.37 | 3.87029 (17122508) |         |            |           |
| 398070.96  | 3806263.79         | 3.79689 | (17122508) | 398094.25 |
| 3806261.21 | 3.70423 (17122508) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 398117.54  | 3806258.62 | 3.62804    | (17060908) | 398140.83 |
| 3806256.04 | 3.67338    | (17060908) |            |           |
| 398164.12  | 3806253.46 | 3.69872    | (17060908) | 383920.77 |
| 3815722.11 | 0.98781c   | (20122908) |            |           |
| 383919.99  | 3815745.58 | 0.94068c   | (20122908) | 383919.20 |
| 3815769.06 | 0.84332c   | (20122908) |            |           |
| 383918.41  | 3815792.53 | 0.77001    | (20020408) | 383917.63 |
| 3815816.00 | 0.73483    | (20020408) |            |           |
| 383916.84  | 3815839.47 | 0.77356c   | (20122908) | 383916.06 |
| 3815862.95 | 0.84848c   | (20122908) |            |           |
| 383915.27  | 3815886.42 | 0.91579c   | (20122908) | 383914.49 |
| 3815909.89 | 0.97325c   | (20122908) |            |           |
| 383913.70  | 3815933.36 | 1.02981c   | (20122908) | 383912.91 |
| 3815956.84 | 1.11462c   | (20122908) |            |           |
| 383912.13  | 3815980.31 | 1.20462c   | (20122908) | 383911.34 |
| 3816003.78 | 1.29991c   | (20122908) |            |           |
| 382599.61  | 3815657.03 | 0.54080    | (20020408) | 382611.03 |
| 3815636.56 | 0.55875    | (20020408) |            |           |
| 382622.46  | 3815616.10 | 0.57500    | (20020408) | 382633.88 |
| 3815595.63 | 0.59678    | (20020408) |            |           |
| 382645.30  | 3815575.16 | 0.60858    | (20020408) | 382656.73 |
| 3815554.70 | 0.64014    | (20020408) |            |           |
| 382668.15  | 3815534.23 | 0.68556    | (20020408) | 382679.58 |
| 3815513.76 | 0.73885    | (20020408) |            |           |
| 382691.00  | 3815493.30 | 0.78161    | (20020408) | 382702.42 |
| 3815472.83 | 0.78190    | (20020408) |            |           |
| 382713.85  | 3815452.37 | 0.77695    | (20020408) | 382725.27 |
| 3815431.90 | 0.81189    | (20020408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1195

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 382736.70  | 3815411.43         | 0.85557 | (19020108) | 382748.12 |
| 3815390.97 | 1.02062 (19020108) |         |            |           |
| 382759.54  | 3815370.50         | 1.14493 | (19020108) | 382770.97 |
| 3815350.03 | 1.29085 (19020108) |         |            |           |
| 382782.39  | 3815329.57         | 1.40946 | (19020108) | 382793.82 |
| 3815309.10 | 1.42010 (19020108) |         |            |           |
| 382805.24  | 3815288.63         | 1.43215 | (19020108) | 382816.66 |
| 3815268.17 | 1.45153 (20122524) |         |            |           |
| 382828.09  | 3815247.70         | 1.63487 | (20122524) | 382839.51 |
| 3815227.23 | 1.83912 (20122524) |         |            |           |
| 382850.94  | 3815206.77         | 2.01600 | (17122424) | 382862.36 |
| 3815186.30 | 1.95247 (17122424) |         |            |           |
| 382873.78  | 3815165.83         | 1.76755 | (17122424) | 382885.21 |
| 3815145.37 | 1.54168 (17122424) |         |            |           |
| 382896.63  | 3815124.90         | 1.30735 | (17122424) | 382908.06 |
| 3815104.43 | 1.14414 (17122424) |         |            |           |
| 382919.48  | 3815083.97         | 1.01103 | (17122424) | 382930.90 |
| 3815063.50 | 0.92188 (16012224) |         |            |           |
| 382942.33  | 3815043.03         | 0.83845 | (16012224) | 382953.75 |
| 3815022.57 | 0.72606 (16012224) |         |            |           |
| 382965.17  | 3815002.10         | 0.78157 | (16012224) | 382976.60 |
| 3814981.64 | 0.85113 (16012224) |         |            |           |
| 382988.02  | 3814961.17         | 0.88007 | (16012224) | 382999.45 |
| 3814940.70 | 0.90714 (16012224) |         |            |           |
| 383010.87  | 3814920.24         | 0.94986 | (16012224) | 383022.29 |
| 3814899.77 | 0.93542 (16012224) |         |            |           |
| 383033.72  | 3814879.30         | 0.81247 | (18091708) | 383045.14 |
| 3814858.84 | 0.71445 (18091708) |         |            |           |
| 383056.57  | 3814838.37         | 0.65362 | (18091708) | 383067.99 |
| 3814817.90 | 0.64815 (18091708) |         |            |           |
| 383079.41  | 3814797.44         | 0.60786 | (18091708) | 383090.84 |
| 3814776.97 | 0.56155 (18091708) |         |            |           |
| 383102.26  | 3814756.50         | 0.47532 | (20102624) | 383113.69 |
| 3814736.04 | 0.42575 (20102624) |         |            |           |
| 383125.11  | 3814715.57         | 0.40422 | (19121624) | 383136.53 |
| 3814695.10 | 0.40789 (19121624) |         |            |           |
| 383147.96  | 3814674.64         | 0.41286 | (19121624) | 383159.38 |
| 3814654.17 | 0.41804 (19121624) |         |            |           |
| 383170.81  | 3814633.70         | 0.41914 | (19121624) | 383182.23 |
| 3814613.24 | 0.42033 (19121624) |         |            |           |
| 383193.65  | 3814592.77         | 0.42514 | (19121624) | 383205.08 |
| 3814572.30 | 0.42836 (19121624) |         |            |           |
| 383216.50  | 3814551.84         | 0.43020 | (19121624) | 383227.92 |
| 3814531.37 | 0.43110 (19121624) |         |            |           |
| 383239.35  | 3814510.90         | 0.43065 | (19121624) | 383250.77 |
| 3814490.44 | 0.42950 (19121624) |         |            |           |
| 383262.20  | 3814469.97         | 0.42927 | (19121624) | 383273.62 |
| 3814449.51 | 0.43005 (19121624) |         |            |           |
| 383285.04  | 3814429.04         | 0.43082 | (19121624) | 383296.47 |
| 3814408.57 | 0.43259 (19121624) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 383307.89  | 3814388.11 | 0.43330    | (19121624) | 383319.32 |
| 3814367.64 | 0.43403    | (19121624) |            |           |
| 383330.74  | 3814347.17 | 0.43156    | (19121624) | 383342.16 |
| 3814326.71 | 0.43004    | (19121624) |            |           |
| 383353.59  | 3814306.24 | 0.42685    | (19121624) | 383365.01 |
| 3814285.77 | 0.42373    | (19121624) |            |           |
| 383376.44  | 3814265.31 | 0.42178    | (19121624) | 383387.86 |
| 3814244.84 | 0.42249    | (19121624) |            |           |
| 383399.28  | 3814224.37 | 0.42113    | (19121624) | 383410.71 |
| 3814203.91 | 0.41728    | (19121624) |            |           |
| 383422.13  | 3814183.44 | 0.41334    | (19121624) | 383433.56 |
| 3814162.97 | 0.40565    | (19121624) |            |           |
| 383444.98  | 3814142.51 | 0.39959    | (19121624) | 383456.40 |
| 3814122.04 | 0.39350    | (19121624) |            |           |
| 383467.83  | 3814101.57 | 0.38717    | (19121624) | 383479.25 |
| 3814081.11 | 0.37748    | (19121624) |            |           |
| 383490.67  | 3814060.64 | 0.36758    | (19121624) | 383502.10 |
| 3814040.17 | 0.36056    | (19121624) |            |           |
| 383513.52  | 3814019.71 | 0.36035    | (19121624) | 383524.95 |
| 3813999.24 | 0.36228    | (19121624) |            |           |
| 383536.37  | 3813978.78 | 0.35350    | (19121624) | 383547.79 |
| 3813958.31 | 0.34715    | (19121624) |            |           |
| 383559.22  | 3813937.84 | 0.34457    | (19121624) | 383570.64 |
| 3813917.38 | 0.34196    | (19121624) |            |           |
| 383582.07  | 3813896.91 | 0.33491    | (19121624) | 383593.49 |
| 3813876.44 | 0.32530    | (19121624) |            |           |
| 383604.91  | 3813855.98 | 0.32071    | (19121624) | 383616.34 |
| 3813835.51 | 0.31309    | (19121624) |            |           |
| 383627.76  | 3813815.04 | 0.30027    | (19121624) | 383639.19 |
| 3813794.58 | 0.28580    | (19121624) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1196

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 383650.61  | 3813774.11         | 0.27334 | (19121624) | 383662.03 |
| 3813753.64 | 0.26691 (19121624) |         |            |           |
| 383673.46  | 3813733.18         | 0.26748 | (19121624) | 383684.88 |
| 3813712.71 | 0.26735 (19121624) |         |            |           |
| 383696.31  | 3813692.24         | 0.26735 | (16121816) | 383707.73 |
| 3813671.78 | 0.27109 (16121816) |         |            |           |
| 383719.15  | 3813651.31         | 0.27544 | (16121816) | 383730.58 |
| 3813630.84 | 0.27941 (16121816) |         |            |           |
| 383742.00  | 3813610.38         | 0.28108 | (16121816) | 383753.43 |
| 3813589.91 | 0.28019 (16121816) |         |            |           |
| 383764.85  | 3813569.44         | 0.27673 | (16121816) | 383776.27 |
| 3813548.98 | 0.27726 (16121816) |         |            |           |
| 383787.70  | 3813528.51         | 0.28075 | (16121816) | 383799.12 |
| 3813508.04 | 0.28600 (16121816) |         |            |           |
| 383810.54  | 3813487.58         | 0.28984 | (16121816) | 383821.97 |
| 3813467.11 | 0.29212 (16121816) |         |            |           |
| 383833.39  | 3813446.65         | 0.29059 | (16121816) | 383844.82 |
| 3813426.18 | 0.28736 (16121816) |         |            |           |
| 383856.24  | 3813405.71         | 0.28427 | (16121816) | 383867.66 |
| 3813385.25 | 0.28047 (16121816) |         |            |           |
| 383879.09  | 3813364.78         | 0.27787 | (16121816) | 383890.51 |
| 3813344.31 | 0.27454 (16121816) |         |            |           |
| 383901.94  | 3813323.85         | 0.27328 | (16121816) | 383913.36 |
| 3813303.38 | 0.27155 (16121816) |         |            |           |
| 383924.78  | 3813282.91         | 0.27035 | (16121816) | 383936.21 |
| 3813262.45 | 0.26726 (16121816) |         |            |           |
| 383947.63  | 3813241.98         | 0.26509 | (16121816) | 383959.06 |
| 3813221.51 | 0.26373 (16121816) |         |            |           |
| 383970.48  | 3813201.05         | 0.26296 | (16121816) | 383981.90 |
| 3813180.58 | 0.25981 (16121816) |         |            |           |
| 383993.33  | 3813160.11         | 0.25556 | (16121816) | 384004.75 |
| 3813139.65 | 0.25108 (16121816) |         |            |           |
| 384016.18  | 3813119.18         | 0.25227 | (19103008) | 384027.60 |
| 3813098.71 | 0.26257 (19103008) |         |            |           |
| 384039.02  | 3813078.25         | 0.26890 | (19103008) | 384050.45 |
| 3813057.78 | 0.27223 (19103008) |         |            |           |
| 384061.87  | 3813037.31         | 0.27512 | (19103008) | 384073.29 |
| 3813016.85 | 0.27477 (19103008) |         |            |           |
| 384084.72  | 3812996.38         | 0.27390 | (19103008) | 384096.14 |
| 3812975.91 | 0.27157 (19103008) |         |            |           |
| 384107.57  | 3812955.45         | 0.27218 | (19103008) | 384118.99 |
| 3812934.98 | 0.27530 (19103008) |         |            |           |
| 384130.41  | 3812914.52         | 0.28191 | (19103008) | 384141.84 |
| 3812894.05 | 0.28783 (19103008) |         |            |           |
| 384153.26  | 3812873.58         | 0.29156 | (19103008) | 384164.69 |
| 3812853.12 | 0.29319 (19103008) |         |            |           |
| 384176.11  | 3812832.65         | 0.29042 | (19103008) | 384187.53 |
| 3812812.18 | 0.28658 (19103008) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384198.96  | 3812791.72 | 0.28240    | (19103008) | 384210.38 |
| 3812771.25 | 0.28222    | (19103008) |            |           |
| 384221.81  | 3812750.78 | 0.28393    | (19103008) | 384233.23 |
| 3812730.32 | 0.28679    | (19103008) |            |           |
| 384244.65  | 3812709.85 | 0.29361    | (19103008) | 384256.08 |
| 3812689.38 | 0.30067    | (19103008) |            |           |
| 384267.50  | 3812668.92 | 0.30236    | (19103008) | 384278.93 |
| 3812648.45 | 0.29756    | (19103008) |            |           |
| 384290.35  | 3812627.98 | 0.29675    | (19103008) | 384301.77 |
| 3812607.52 | 0.30288    | (19103008) |            |           |
| 384313.20  | 3812587.05 | 0.31083    | (19103008) | 384324.62 |
| 3812566.58 | 0.31898    | (19103008) |            |           |
| 384336.04  | 3812546.12 | 0.32251    | (19103008) | 384347.47 |
| 3812525.65 | 0.32817    | (19103008) |            |           |
| 384358.89  | 3812505.18 | 0.33409    | (19103008) | 384370.32 |
| 3812484.72 | 0.34209    | (19103008) |            |           |
| 384381.74  | 3812464.25 | 0.34604    | (19103008) | 384393.16 |
| 3812443.79 | 0.34850    | (19103008) |            |           |
| 384404.59  | 3812423.32 | 0.35316    | (19103008) | 384416.01 |
| 3812402.85 | 0.35431    | (19103008) |            |           |
| 384427.44  | 3812382.39 | 0.35087    | (19103008) | 384438.86 |
| 3812361.92 | 0.34735    | (19103008) |            |           |
| 384450.28  | 3812341.45 | 0.34845    | (19103008) | 384461.71 |
| 3812320.99 | 0.34955    | (19103008) |            |           |
| 384473.13  | 3812300.52 | 0.34528    | (19103008) | 384484.56 |
| 3812280.05 | 0.33686    | (19103008) |            |           |
| 384495.98  | 3812259.59 | 0.32706    | (19103008) | 384507.40 |
| 3812239.12 | 0.31828    | (19103008) |            |           |
| 384518.83  | 3812218.65 | 0.31266    | (19101016) | 384530.25 |
| 3812198.19 | 0.30992    | (19101016) |            |           |
| 384541.68  | 3812177.72 | 0.30502    | (19101016) | 384553.10 |
| 3812157.25 | 0.30145    | (19101016) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1197

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|------------|-------------|
| -----       |             |                     |            |            |             |
| 3812116.32  | 384564.52   | 3812136.79          | 0.29836    | (19101016) | 384575.95   |
| 3812075.39  | 384587.37   | 3812095.85          | 0.29871    | (19101016) | 384598.80   |
| 3812034.45  | 384610.22   | 3812054.92          | 0.29201    | (19101016) | 384621.64   |
| 3811993.52  | 384633.07   | 3812013.99          | 0.28320    | (19101016) | 384644.49   |
| 3811952.59  | 384655.91   | 3811973.05          | 0.27752    | (19101016) | 384667.34   |
| 3811911.66  | 384678.76   | 3811932.12          | 0.26343    | (19101016) | 384690.19   |
| 3811870.72  | 384701.61   | 3811891.19          | 0.24697    | (19101016) | 384713.03   |
| 3811829.79  | 384724.46   | 3811850.26          | 0.23468    | (19101016) | 384735.88   |
| 3811788.86  | 384747.31   | 3811809.32          | 0.22103    | (19101016) | 384758.73   |
| 3811747.92  | 384770.15   | 3811768.39          | 0.21071    | (19101016) | 384781.58   |
| 3811706.99  | 384793.00   | 3811727.46          | 0.20711    | (18030516) | 384804.43   |
| 3811666.06  | 384815.85   | 3811686.52          | 0.20953    | (18030516) | 384827.27   |
| 3811625.12  | 384838.70   | 3811645.59          | 0.21647    | (18030516) | 384850.12   |
| 3811584.19  | 384861.55   | 3811604.66          | 0.22589    | (18030516) | 384872.97   |
| 3811543.26  | 384884.39   | 3811563.72          | 0.24178    | (19012216) | 384895.82   |
| 3811502.32  | 384907.24   | 3811522.79          | 0.25909    | (19012216) | 384918.66   |
| 3811461.39  | 384930.09   | 3811481.86          | 0.26688    | (19012216) | 384941.51   |
| 3811420.46  | 384952.94   | 3811440.92          | 0.26663    | (19012216) | 384964.36   |
| 3811379.53  | 384975.78   | 3811399.99          | 0.26675    | (19012216) | 384987.21   |
| 3811338.59  | 384998.63   | 3811359.06          | 0.26651    | (19012216) | 385010.06   |
| 3811297.66  | 385021.48   | 3811318.13          | 0.26607    | (19012216) | 385032.90   |
| 3811256.73  | 385044.33   | 3811277.19          | 0.26232    | (19012216) | 385055.75   |
| 3811215.79  | 385067.18   | 3811236.26          | 0.26156    | (19012216) | 385078.60   |
|             |             | 0.26375             | (19012216) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385090.02  | 3811195.33 | 0.26600    | (19012216) | 385101.45 |
| 3811174.86 | 0.26497    | (19012216) |            |           |
| 385112.87  | 3811154.39 | 0.26350    | (19012216) | 385124.30 |
| 3811133.93 | 0.26210    | (19012216) |            |           |
| 385135.72  | 3811113.46 | 0.26059    | (19012216) | 385147.14 |
| 3811092.99 | 0.25690    | (19012216) |            |           |
| 385158.57  | 3811072.53 | 0.25297    | (19012216) | 385169.99 |
| 3811052.06 | 0.24899    | (19012216) |            |           |
| 385181.41  | 3811031.59 | 0.24480    | (19012216) | 385192.84 |
| 3811011.13 | 0.24115    | (19012216) |            |           |
| 385204.26  | 3810990.66 | 0.23798    | (19012216) | 385215.69 |
| 3810970.19 | 0.23461    | (19012216) |            |           |
| 385227.11  | 3810949.73 | 0.23049    | (19012216) | 385238.53 |
| 3810929.26 | 0.22573    | (19012216) |            |           |
| 385249.96  | 3810908.80 | 0.22106    | (19012216) | 385261.38 |
| 3810888.33 | 0.21609    | (19012216) |            |           |
| 385272.81  | 3810867.86 | 0.21073    | (19012216) | 385284.23 |
| 3810847.40 | 0.20360    | (19012216) |            |           |
| 385295.65  | 3810826.93 | 0.19427    | (19012216) | 385307.08 |
| 3810806.46 | 0.18407    | (19012216) |            |           |
| 385318.50  | 3810786.00 | 0.17597    | (19012216) | 385329.93 |
| 3810765.53 | 0.16990    | (19012216) |            |           |
| 385341.35  | 3810745.06 | 0.16431    | (19012216) | 385352.77 |
| 3810724.60 | 0.16759    | (19121716) |            |           |
| 385364.20  | 3810704.13 | 0.17617    | (19121716) | 385375.62 |
| 3810683.66 | 0.18536    | (19121716) |            |           |
| 385387.05  | 3810663.20 | 0.19700    | (19121716) | 385398.47 |
| 3810642.73 | 0.20991    | (19121716) |            |           |
| 385409.89  | 3810622.26 | 0.22229    | (19121716) | 385421.32 |
| 3810601.80 | 0.22990    | (19121716) |            |           |
| 385432.74  | 3810581.33 | 0.23294    | (19121716) | 385444.17 |
| 3810560.86 | 0.23672    | (19121716) |            |           |
| 385455.59  | 3810540.40 | 0.24101    | (19121716) | 385467.01 |
| 3810519.93 | 0.24589    | (19121716) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1198

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------------------------------|--------------------|-------------|
| 385478.44                  | 3810499.46                        | 0.25651 (19121716) | 385489.86   |
| 3810479.00                 | 0.26883 (19121716)                |                    |             |
| 385501.28                  | 3810458.53                        | 0.28102 (19121716) | 385512.71   |
| 3810438.06                 | 0.28641 (19121716)                |                    |             |
| 385524.13                  | 3810417.60                        | 0.28477 (19121716) | 385535.56   |
| 3810397.13                 | 0.28173 (19121716)                |                    |             |
| 385546.98                  | 3810376.67                        | 0.27866 (19121716) | 385558.40   |
| 3810356.20                 | 0.28042 (19121716)                |                    |             |
| 385569.83                  | 3810335.73                        | 0.28836 (19121716) | 385581.25   |
| 3810315.27                 | 0.30033 (19121716)                |                    |             |
| 385592.68                  | 3810294.80                        | 0.30854 (19121716) | 385604.10   |
| 3810274.33                 | 0.31443 (19121716)                |                    |             |
| 385615.52                  | 3810253.87                        | 0.32393 (19121716) | 385626.95   |
| 3810233.40                 | 0.33222 (19121716)                |                    |             |
| 385638.37                  | 3810212.93                        | 0.34043 (19121716) | 385649.80   |
| 3810192.47                 | 0.34957 (19121716)                |                    |             |
| 385661.22                  | 3810172.00                        | 0.35849 (19121716) | 385672.64   |
| 3810151.53                 | 0.36583 (19121716)                |                    |             |
| 385684.07                  | 3810131.07                        | 0.37174 (19121716) | 385695.49   |
| 3810110.60                 | 0.37615 (19121716)                |                    |             |
| 385706.92                  | 3810090.13                        | 0.37841 (19121716) | 385718.34   |
| 3810069.67                 | 0.37974 (19121716)                |                    |             |
| 385729.76                  | 3810049.20                        | 0.38149 (19121716) | 385741.19   |
| 3810028.73                 | 0.38445 (19121716)                |                    |             |
| 385752.61                  | 3810008.27                        | 0.39000 (20041008) | 385764.03   |
| 3809987.80                 | 0.38201 (19121716)                |                    |             |
| 385775.46                  | 3809967.33                        | 0.37762 (19121716) | 385786.88   |
| 3809946.87                 | 0.37662 (19121716)                |                    |             |
| 385798.31                  | 3809926.40                        | 0.37456 (19121716) | 385809.73   |
| 3809905.94                 | 0.37364 (19121716)                |                    |             |
| 385821.15                  | 3809885.47                        | 0.42164 (19092308) | 385832.58   |
| 3809865.00                 | 0.46958 (18011324)                |                    |             |
| 385844.00                  | 3809844.54                        | 0.49514 (18011324) | 385855.43   |
| 3809824.07                 | 0.48888 (18011324)                |                    |             |
| 385866.85                  | 3809803.60                        | 0.48218 (18120708) | 385878.27   |
| 3809783.14                 | 0.48164 (18120708)                |                    |             |
| 385889.70                  | 3809762.67                        | 0.43763 (18120708) | 385901.12   |
| 3809742.20                 | 0.38215 (18120708)                |                    |             |
| 385912.55                  | 3809721.74                        | 0.32348 (19121716) | 385923.97   |
| 3809701.27                 | 0.31400 (19121716)                |                    |             |
| 385935.39                  | 3809680.80                        | 0.30644 (19121716) | 385946.82   |
| 3809660.34                 | 0.30209 (19121716)                |                    |             |
| 385958.24                  | 3809639.87                        | 0.30585 (18120708) | 385969.67   |
| 3809619.40                 | 0.30860 (18122824)                |                    |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385981.09  | 3809598.94 | 0.30814    | (18122824) | 385992.51 |
| 3809578.47 | 0.31119    | (18122824) |            |           |
| 386003.94  | 3809558.00 | 0.32072    | (18122824) | 386015.36 |
| 3809537.54 | 0.32512    | (18122824) |            |           |
| 386026.78  | 3809517.07 | 0.30717    | (18122824) | 386038.21 |
| 3809496.60 | 0.28536    | (18122824) |            |           |
| 386049.63  | 3809476.14 | 0.26052    | (18122824) | 386061.06 |
| 3809455.67 | 0.24390    | (20020416) |            |           |
| 386072.48  | 3809435.20 | 0.23689    | (20020416) | 386083.90 |
| 3809414.74 | 0.23180    | (20020416) |            |           |
| 386095.33  | 3809394.27 | 0.23084    | (20020416) | 386106.75 |
| 3809373.81 | 0.24626    | (18122824) |            |           |
| 386118.18  | 3809353.34 | 0.25887    | (18122824) | 386129.60 |
| 3809332.87 | 0.27333    | (18122824) |            |           |
| 386141.02  | 3809312.41 | 0.29347    | (18122824) | 386152.45 |
| 3809291.94 | 0.30802    | (18122824) |            |           |
| 386163.87  | 3809271.47 | 0.28897    | (18122824) | 386175.30 |
| 3809251.01 | 0.26120    | (18122824) |            |           |
| 386186.72  | 3809230.54 | 0.25566    | (18122824) | 386198.14 |
| 3809210.07 | 0.25595    | (18122824) |            |           |
| 386209.57  | 3809189.61 | 0.26478    | (18122824) | 386220.99 |
| 3809169.14 | 0.28148    | (18122824) |            |           |
| 386232.42  | 3809148.67 | 0.31813    | (18122824) | 386243.84 |
| 3809128.21 | 0.35248    | (18122824) |            |           |
| 386255.26  | 3809107.74 | 0.38706    | (18122824) | 386266.69 |
| 3809087.27 | 0.40303    | (18122824) |            |           |
| 386278.11  | 3809066.81 | 0.40814    | (18122824) | 386289.54 |
| 3809046.34 | 0.40793    | (18122824) |            |           |
| 386300.96  | 3809025.87 | 0.39414    | (18122824) | 386312.38 |
| 3809005.41 | 0.36061    | (18122824) |            |           |
| 386323.81  | 3808984.94 | 0.34147    | (18122824) | 386335.23 |
| 3808964.47 | 0.32821    | (18122824) |            |           |
| 386346.65  | 3808944.01 | 0.30951    | (19113008) | 386358.08 |
| 3808923.54 | 0.31979    | (19113008) |            |           |
| 386369.50  | 3808903.07 | 0.33184    | (17012524) | 386380.93 |
| 3808882.61 | 0.34266    | (17012524) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1199

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|---------|------------|-------------|
| -----       |             |                     |            |         |            |             |
| 3808841.68  | 386392.35   | 3808862.14          | (17012524) | 0.35586 | (17012524) | 386403.77   |
|             |             | 0.34644             | (17012524) |         |            |             |
| 3808800.74  | 386415.20   | 3808821.21          | (17012524) | 0.31835 | (17012524) | 386426.62   |
|             |             | 0.30653             | (17012524) |         |            |             |
| 3808759.81  | 386438.05   | 3808780.28          | (17012524) | 0.29787 | (17012524) | 386449.47   |
|             |             | 0.29218             | (17012524) |         |            |             |
| 3808718.88  | 386460.89   | 3808739.34          | (17012524) | 0.29199 | (17012524) | 386472.32   |
|             |             | 0.29030             | (17012524) |         |            |             |
| 3808677.94  | 386483.74   | 3808698.41          | (17012524) | 0.29685 | (17012524) | 386495.17   |
|             |             | 0.32367             | (17012524) |         |            |             |
| 3808637.01  | 386506.59   | 3808657.48          | (17012524) | 0.35966 | (17012524) | 386518.01   |
|             |             | 0.38422             | (17012524) |         |            |             |
| 3808596.08  | 386529.44   | 3808616.54          | (17012524) | 0.40855 | (17012524) | 386540.86   |
|             |             | 0.42689             | (17012524) |         |            |             |
| 3808555.14  | 386552.29   | 3808575.61          | (17012524) | 0.43505 | (17012524) | 386563.71   |
|             |             | 0.44871             | (17012524) |         |            |             |
| 3808514.21  | 386575.13   | 3808534.68          | (17012524) | 0.45787 | (17012524) | 386586.56   |
|             |             | 0.46670             | (17012524) |         |            |             |
| 3808473.28  | 386597.98   | 3808493.74          | (17012524) | 0.46781 | (17012524) | 386609.40   |
|             |             | 0.45805             | (17012524) |         |            |             |
| 3808432.34  | 386620.83   | 3808452.81          | (17012524) | 0.43809 | (17012524) | 386632.25   |
|             |             | 0.40338             | (17012524) |         |            |             |
| 3808391.41  | 386643.68   | 3808411.88          | (17012524) | 0.37161 | (17012524) | 386655.10   |
|             |             | 0.37669             | (17012524) |         |            |             |
| 3808350.48  | 386666.52   | 3808370.95          | (17012524) | 0.39281 | (17012524) | 386677.95   |
|             |             | 0.41061             | (17012524) |         |            |             |
| 3808309.55  | 386689.37   | 3808330.01          | (17012524) | 0.42886 | (17012524) | 386700.80   |
|             |             | 0.51806             | (17010808) |         |            |             |
| 3808268.61  | 386712.22   | 3808289.08          | (17010808) | 0.64206 | (17010808) | 386723.64   |
|             |             | 0.66958             | (17010808) |         |            |             |
| 3808227.68  | 386735.07   | 3808248.15          | (19011508) | 0.68506 | (19011508) | 386746.49   |
|             |             | 0.71019             | (19011508) |         |            |             |
| 3808186.75  | 386757.92   | 3808207.21          | (19011508) | 0.73078 | (19011508) | 386769.34   |
|             |             | 0.77714             | (19011508) |         |            |             |
| 3808145.81  | 386780.76   | 3808166.28          | (19011508) | 0.81555 | (19011508) | 386792.19   |
|             |             | 0.81350             | (19011508) |         |            |             |
| 3808104.88  | 386803.61   | 3808125.35          | (19011508) | 0.80799 | (19011508) | 386815.04   |
|             |             | 0.84522             | (19011508) |         |            |             |
| 3808063.95  | 386826.46   | 3808084.41          | (19011508) | 0.80273 | (19011508) | 386837.88   |
|             |             | 0.73317             | (19011508) |         |            |             |
| 3808023.01  | 386849.31   | 3808043.48          | (19011508) | 0.73065 | (19011508) | 386860.73   |
|             |             | 0.77210             | (19011508) |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386872.15  | 3808002.55 | 0.85747    | (19011508) | 386883.58 |
| 3807982.08 | 0.97804    | (19011508) |            |           |
| 386895.00  | 3807961.61 | 1.06637    | (19011508) | 386906.43 |
| 3807941.15 | 1.09508    | (19011508) |            |           |
| 386917.85  | 3807920.68 | 1.08196    | (19011508) | 386929.27 |
| 3807900.21 | 1.11368    | (19011508) |            |           |
| 386940.70  | 3807879.75 | 1.12556    | (19011508) | 386952.12 |
| 3807859.28 | 1.08378    | (19011508) |            |           |
| 386963.55  | 3807838.82 | 1.04278    | (19011508) | 386974.97 |
| 3807818.35 | 1.03381    | (18010224) |            |           |
| 386986.39  | 3807797.88 | 1.08871    | (18010224) | 386997.82 |
| 3807777.42 | 1.12825    | (18010224) |            |           |
| 387009.24  | 3807756.95 | 1.18976    | (18010224) | 387020.67 |
| 3807736.48 | 1.17288    | (18010224) |            |           |
| 387032.09  | 3807716.02 | 1.27961    | (18010224) | 387043.51 |
| 3807695.55 | 1.41015    | (18010224) |            |           |
| 387054.94  | 3807675.08 | 1.55644    | (18010224) | 387066.36 |
| 3807654.62 | 1.68395    | (18032808) |            |           |
| 387077.79  | 3807634.15 | 1.77771    | (18032808) | 387089.21 |
| 3807613.68 | 1.94977    | (18032808) |            |           |
| 387100.63  | 3807593.22 | 2.21811    | (18032808) | 387112.06 |
| 3807572.75 | 2.39551    | (18032808) |            |           |
| 387123.48  | 3807552.28 | 2.36687    | (18032808) | 387134.91 |
| 3807531.82 | 2.21015    | (18032808) |            |           |
| 387146.33  | 3807511.35 | 2.12231    | (18032808) | 387157.75 |
| 3807490.88 | 2.12103    | (18032808) |            |           |
| 387169.18  | 3807470.42 | 2.24557    | (18032808) | 387180.60 |
| 3807449.95 | 2.42831    | (18032808) |            |           |
| 387192.02  | 3807429.48 | 2.63545    | (18032808) | 387203.45 |
| 3807409.02 | 2.70935    | (18032808) |            |           |
| 387214.87  | 3807388.55 | 2.67952    | (18032808) | 387226.30 |
| 3807368.08 | 2.62772    | (18032808) |            |           |
| 387237.72  | 3807347.62 | 2.66297    | (18032808) | 387249.14 |
| 3807327.15 | 2.64907    | (18032808) |            |           |
| 387260.57  | 3807306.69 | 2.59641    | (18032808) | 387271.99 |
| 3807286.22 | 2.51347    | (18032808) |            |           |
| 387283.42  | 3807265.75 | 2.39509    | (18032808) | 387294.84 |
| 3807245.29 | 2.25150    | (18032808) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1200

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                    | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|--------------------|----------------|------------|--------------------|--|
|             |                    | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M)        | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC               | (YYMMDDHH)     |            |                    |  |
| -----       |                    |                |            |                    |  |
| 387306.26   | 3807224.82         | 2.16394        | (17122508) | 387317.69          |  |
| 3807204.35  | 2.14345 (16110424) |                |            |                    |  |
| 387329.11   | 3807183.89         | 2.26591        | (16110424) | 387340.54          |  |
| 3807163.42  | 2.38854 (16110424) |                |            |                    |  |
| 387351.96   | 3807142.95         | 2.45779        | (16110424) | 387363.38          |  |
| 3807122.49  | 2.60842 (16110424) |                |            |                    |  |
| 387374.81   | 3807102.02         | 2.79451        | (16110424) | 387386.23          |  |
| 3807081.55  | 2.96605 (16110424) |                |            |                    |  |
| 387397.66   | 3807061.09         | 3.06356        | (16110424) | 387409.08          |  |
| 3807040.62  | 3.14476 (16110424) |                |            |                    |  |
| 387420.50   | 3807020.15         | 3.21314        | (16110424) | 387431.93          |  |
| 3806999.69  | 3.26784 (16110424) |                |            |                    |  |
| 387443.35   | 3806979.22         | 3.30816        | (16110424) | 387454.77          |  |
| 3806958.75  | 3.33363 (16110424) |                |            |                    |  |
| 387466.20   | 3806938.29         | 3.34396        | (16110424) | 387477.62          |  |
| 3806917.82  | 3.33906 (16110424) |                |            |                    |  |
| 387489.05   | 3806897.35         | 3.31906        | (16110424) | 387500.47          |  |
| 3806876.89  | 3.28431 (16110424) |                |            |                    |  |
| 387511.89   | 3806856.42         | 3.23531        | (16110424) | 387523.32          |  |
| 3806835.96  | 3.17278 (16110424) |                |            |                    |  |
| 387534.74   | 3806815.49         | 3.09759        | (16110424) | 387546.17          |  |
| 3806795.02  | 3.01072 (16110424) |                |            |                    |  |
| 387557.59   | 3806774.56         | 2.91341        | (16110424) | 387569.01          |  |
| 3806754.09  | 2.92295 (16122124) |                |            |                    |  |
| 387580.44   | 3806733.62         | 3.04242        | (16122124) | 387591.86          |  |
| 3806713.16  | 3.15507 (16122124) |                |            |                    |  |
| 387603.29   | 3806692.69         | 3.25990        | (16122124) | 387614.71          |  |
| 3806672.22  | 3.35569 (16122124) |                |            |                    |  |
| 387626.13   | 3806651.76         | 3.44145        | (16122124) | 387637.56          |  |
| 3806631.29  | 3.51635 (16122124) |                |            |                    |  |
| 387648.98   | 3806610.82         | 3.57952        | (16122124) | 387660.41          |  |
| 3806590.36  | 3.63034 (16122124) |                |            |                    |  |
| 387671.83   | 3806569.89         | 3.66828        | (16122124) | 387683.25          |  |
| 3806549.42  | 3.69300 (16122124) |                |            |                    |  |
| 387694.68   | 3806528.96         | 3.70431        | (16122124) | 387706.10          |  |
| 3806508.49  | 3.70217 (16122124) |                |            |                    |  |
| 387717.52   | 3806488.02         | 3.68673        | (16122124) | 387728.95          |  |
| 3806467.56  | 3.65829 (16122124) |                |            |                    |  |
| 387740.37   | 3806447.09         | 3.61729        | (16122124) | 387751.80          |  |
| 3806426.62  | 3.56431 (16122124) |                |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387763.22  | 3806406.16         | 3.50011 | (16122124) | 387774.64 |
| 3806385.69 | 3.42549 (16122124) |         |            |           |
| 387786.07  | 3806365.22         | 3.34134 | (16122124) | 387797.49 |
| 3806344.76 | 3.24877 (16122124) |         |            |           |
| 387808.92  | 3806324.29         | 3.14870 | (16122124) | 387820.34 |
| 3806303.83 | 3.04237 (16122124) |         |            |           |
| 387831.76  | 3806283.36         | 2.93079 | (16122124) | 387843.19 |
| 3806262.89 | 2.81507 (16122124) |         |            |           |
| 387854.61  | 3806242.43         | 2.69640 | (16122124) | 387866.04 |
| 3806221.96 | 2.57571 (16122124) |         |            |           |
| 387900.76  | 3806198.91         | 2.43411 | (17021608) | 387924.05 |
| 3806196.33 | 2.46691 (17021608) |         |            |           |
| 387947.35  | 3806193.74         | 2.49024 | (17021608) | 387970.64 |
| 3806191.16 | 2.50377 (17021608) |         |            |           |
| 387993.94  | 3806188.58         | 2.50729 | (17021608) | 388017.24 |
| 3806185.99 | 2.50071 (17021608) |         |            |           |
| 388040.53  | 3806183.41         | 2.48408 | (17021608) | 388063.83 |
| 3806180.83 | 2.45752 (17021608) |         |            |           |
| 388087.13  | 3806178.24         | 2.42132 | (17021608) | 388110.42 |
| 3806175.66 | 2.37589 (17021608) |         |            |           |
| 388133.72  | 3806173.08         | 2.32170 | (17021608) | 388157.01 |
| 3806170.49 | 2.25936 (17021608) |         |            |           |
| 388180.31  | 3806167.91         | 2.18954 | (17021608) | 388203.61 |
| 3806165.33 | 2.11302 (17021608) |         |            |           |
| 388226.90  | 3806162.74         | 2.03062 | (17021608) | 388250.20 |
| 3806160.16 | 1.94319 (17021608) |         |            |           |
| 388273.49  | 3806157.58         | 1.85169 | (17021608) | 388296.79 |
| 3806155.00 | 1.78379 (17051824) |         |            |           |
| 388320.09  | 3806152.41         | 1.91117 | (20121924) | 388343.38 |
| 3806149.83 | 2.04364 (20121924) |         |            |           |
| 388366.68  | 3806147.25         | 2.17628 | (20121924) | 388389.98 |
| 3806144.66 | 2.30790 (20121924) |         |            |           |
| 388413.27  | 3806142.08         | 2.45800 | (16011708) | 388436.57 |
| 3806139.50 | 2.62651 (16011708) |         |            |           |
| 388459.86  | 3806136.91         | 2.79596 | (16011708) | 388483.16 |
| 3806134.33 | 2.96512 (16011708) |         |            |           |
| 388506.46  | 3806131.75         | 3.13258 | (16011708) | 388529.75 |
| 3806129.16 | 3.29686 (16011708) |         |            |           |
| 388553.05  | 3806126.58         | 3.45653 | (16011708) | 388576.35 |
| 3806124.00 | 3.61004 (16011708) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1201

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388599.64   | 3806121.41  | 3.75583    | (16011708) | 388622.94   |
| 3806118.83  | 3.89244     | (16011708) |            |             |
| 388646.23   | 3806116.25  | 4.01831    | (16011708) | 388669.53   |
| 3806113.66  | 4.13218     | (16011708) |            |             |
| 388692.83   | 3806111.08  | 4.23264    | (16011708) | 388716.12   |
| 3806108.50  | 4.31848     | (16011708) |            |             |
| 388739.42   | 3806105.91  | 4.38873    | (16011708) | 388762.71   |
| 3806103.33  | 4.44242     | (16011708) |            |             |
| 388786.01   | 3806100.75  | 4.47890    | (16011708) | 388809.31   |
| 3806098.16  | 4.49762     | (16011708) |            |             |
| 388832.60   | 3806095.58  | 4.49828    | (16011708) | 388855.90   |
| 3806093.00  | 4.48078     | (16011708) |            |             |
| 388879.20   | 3806090.42  | 4.44524    | (16011708) | 388902.49   |
| 3806087.83  | 4.39201     | (16011708) |            |             |
| 388925.79   | 3806085.25  | 4.32163    | (16011708) | 388949.08   |
| 3806082.67  | 4.23489     | (16011708) |            |             |
| 388972.38   | 3806080.08  | 4.13264    | (16011708) | 388995.68   |
| 3806077.50  | 4.01610     | (16011708) |            |             |
| 389018.97   | 3806074.92  | 3.88655    | (16011708) | 389042.27   |
| 3806072.33  | 3.74526     | (16011708) |            |             |
| 389065.56   | 3806069.75  | 3.59391    | (16011708) | 389088.86   |
| 3806067.17  | 3.43394     | (16011708) |            |             |
| 389112.16   | 3806064.58  | 3.26700    | (16011708) | 389135.45   |
| 3806062.00  | 3.09488     | (16011708) |            |             |
| 389158.75   | 3806059.42  | 2.91906    | (16011708) | 389182.05   |
| 3806056.83  | 2.74119     | (16011708) |            |             |
| 389205.34   | 3806054.25  | 2.57757    | (18092724) | 389228.64   |
| 3806051.67  | 2.54118     | (18092724) |            |             |
| 389251.93   | 3806049.08  | 2.49338    | (18092724) | 389275.23   |
| 3806046.50  | 2.43479     | (18092724) |            |             |
| 389298.53   | 3806043.92  | 2.36616    | (18092724) | 389321.82   |
| 3806041.33  | 2.28841     | (18092724) |            |             |
| 389345.12   | 3806038.75  | 2.20249    | (18092724) | 389368.42   |
| 3806036.17  | 2.10950     | (18092724) |            |             |
| 389391.71   | 3806033.58  | 2.18948    | (20021208) | 389415.01   |
| 3806031.00  | 2.27464     | (20021208) |            |             |
| 389438.30   | 3806028.42  | 2.35171    | (20021208) | 389461.60   |
| 3806025.84  | 2.41970     | (20021208) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389484.90  | 3806023.25 | 2.47760    | (20021208) | 389508.19 |
| 3806020.67 | 2.52451    | (20021208) |            |           |
| 389531.49  | 3806018.09 | 2.55978    | (20021208) | 389554.78 |
| 3806015.50 | 2.58282    | (20021208) |            |           |
| 389578.08  | 3806012.92 | 2.59325    | (20021208) | 389601.38 |
| 3806010.34 | 2.59088    | (20021208) |            |           |
| 389624.67  | 3806007.75 | 2.57567    | (20021208) | 389647.97 |
| 3806005.17 | 2.58432    | (20013024) |            |           |
| 389671.27  | 3806002.59 | 2.66591    | (20013024) | 389694.56 |
| 3806000.00 | 2.73669    | (20013024) |            |           |
| 389717.86  | 3805997.42 | 2.79570    | (20013024) | 389741.15 |
| 3805994.84 | 2.84208    | (20013024) |            |           |
| 389764.45  | 3805992.25 | 2.87522    | (20013024) | 389787.75 |
| 3805989.67 | 2.89462    | (20013024) |            |           |
| 389811.04  | 3805987.09 | 2.90006    | (20013024) | 389834.34 |
| 3805984.50 | 2.94178m   | (18120924) |            |           |
| 389857.64  | 3805981.92 | 3.05162m   | (18120924) | 389880.93 |
| 3805979.34 | 3.14949m   | (18120924) |            |           |
| 389904.23  | 3805976.75 | 3.23404m   | (18120924) | 389927.52 |
| 3805974.17 | 3.30389m   | (18120924) |            |           |
| 389950.82  | 3805971.59 | 3.35802m   | (18120924) | 389974.12 |
| 3805969.00 | 3.39552m   | (18120924) |            |           |
| 389997.41  | 3805966.42 | 3.41574m   | (18120924) | 390020.71 |
| 3805963.84 | 3.41833m   | (18120924) |            |           |
| 390044.00  | 3805961.26 | 3.40318m   | (18120924) | 390067.30 |
| 3805958.67 | 3.37046m   | (18120924) |            |           |
| 390090.60  | 3805956.09 | 3.32063m   | (18120924) | 390113.89 |
| 3805953.51 | 3.39703    | (18120308) |            |           |
| 390137.19  | 3805950.92 | 3.47212    | (18120308) | 390160.49 |
| 3805948.34 | 3.53030    | (18120308) |            |           |
| 390183.78  | 3805945.76 | 3.57061    | (18120308) | 390207.08 |
| 3805943.17 | 3.59238    | (18120308) |            |           |
| 390230.37  | 3805940.59 | 3.59520    | (18120308) | 390253.67 |
| 3805938.01 | 3.57895    | (18120308) |            |           |
| 390276.97  | 3805935.42 | 3.54383    | (18120308) | 390300.26 |
| 3805932.84 | 3.49036    | (18120308) |            |           |
| 390323.56  | 3805930.26 | 3.41929    | (18120308) | 390346.85 |
| 3805927.67 | 3.33169    | (18120308) |            |           |
| 390370.15  | 3805925.09 | 3.22884    | (18120308) | 390393.45 |
| 3805922.51 | 3.11569    | (20010224) |            |           |
| 390416.74  | 3805919.92 | 3.13345    | (20010224) | 390440.04 |
| 3805917.34 | 3.13431    | (20010224) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390463.34   | 3805914.76         | 3.11823    | (20010224) | 390486.63   |
| 3805912.17  | 3.16717 (17123108) |            |            |             |
| 390509.93   | 3805909.59         | 3.27040    | (17123108) | 390533.22   |
| 3805907.01  | 3.35867 (17123108) |            |            |             |
| 390556.52   | 3805904.42         | 3.43062    | (17123108) | 390579.82   |
| 3805901.84  | 3.48500 (17123108) |            |            |             |
| 390603.11   | 3805899.26         | 3.52088    | (17123108) | 390626.41   |
| 3805896.68  | 3.53764 (17123108) |            |            |             |
| 390649.71   | 3805894.09         | 3.53493    | (17123108) | 390673.00   |
| 3805891.51  | 3.51276 (17123108) |            |            |             |
| 390696.30   | 3805888.93         | 3.47140    | (17123108) | 390719.59   |
| 3805886.34  | 3.41152 (17123108) |            |            |             |
| 390742.89   | 3805883.76         | 3.33400    | (17123108) | 390766.19   |
| 3805881.18  | 3.24005 (17123108) |            |            |             |
| 390789.48   | 3805878.59         | 3.13116    | (17123108) | 390812.78   |
| 3805876.01  | 3.00891 (17123108) |            |            |             |
| 390836.07   | 3805873.43         | 2.87521    | (17123108) | 390859.37   |
| 3805870.84  | 2.87849 (17102724) |            |            |             |
| 390882.67   | 3805868.26         | 2.99875    | (17102724) | 390905.96   |
| 3805865.68  | 3.10650 (17102724) |            |            |             |
| 390929.26   | 3805863.09         | 3.20013    | (17102724) | 390952.56   |
| 3805860.51  | 3.27801 (17102724) |            |            |             |
| 390975.85   | 3805857.93         | 3.33882    | (17102724) | 390999.15   |
| 3805855.34  | 3.38155 (17102724) |            |            |             |
| 391022.44   | 3805852.76         | 3.40539    | (17102724) | 391045.74   |
| 3805850.18  | 3.40991 (17102724) |            |            |             |
| 391069.04   | 3805847.59         | 3.39497    | (17102724) | 391092.33   |
| 3805845.01  | 3.36078 (17102724) |            |            |             |
| 391115.63   | 3805842.43         | 3.30787    | (17102724) | 391138.92   |
| 3805839.84  | 3.23709 (17102724) |            |            |             |
| 391162.22   | 3805837.26         | 3.14957    | (17102724) | 391185.52   |
| 3805834.68  | 3.04671 (17102724) |            |            |             |
| 391208.81   | 3805832.10         | 2.93018    | (17102724) | 391232.11   |
| 3805829.51  | 2.88497 (19020708) |            |            |             |
| 391255.41   | 3805826.93         | 3.02819    | (19020708) | 391278.70   |
| 3805824.35  | 3.16015 (19020708) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 392327.03   | 3805708.10         | 3.63374    | (16102924) | 392746.36   |
| 3805661.60  | 3.35688 (16040124) |            |            |             |
| 392769.66   | 3805659.02         | 3.21803    | (16040124) | 392792.95   |
| 3805656.44  | 3.06564 (16040124) |            |            |             |
| 392816.25   | 3805653.85         | 2.98544    | (16010224) | 392839.55   |
| 3805651.27  | 3.11257 (16010224) |            |            |             |
| 392862.84   | 3805648.69         | 3.22499    | (16010224) | 392886.14   |
| 3805646.10  | 3.32056 (16010224) |            |            |             |
| 392909.43   | 3805643.52         | 3.39746    | (16010224) | 392932.73   |
| 3805640.94  | 3.45433 (16010224) |            |            |             |
| 392956.03   | 3805638.36         | 3.49007    | (16010224) | 392979.32   |
| 3805635.77  | 3.50398 (16010224) |            |            |             |
| 393002.62   | 3805633.19         | 3.49580    | (16010224) | 393025.92   |
| 3805630.61  | 3.46566 (16010224) |            |            |             |
| 393049.21   | 3805628.02         | 3.41412    | (16010224) | 393072.51   |
| 3805625.44  | 3.34211 (16010224) |            |            |             |
| 393095.80   | 3805622.86         | 3.25100    | (16010224) | 393119.10   |
| 3805620.27  | 3.14233 (16010224) |            |            |             |
| 393142.40   | 3805617.69         | 3.01810    | (16010224) | 393165.69   |
| 3805615.11  | 3.04488 (17012524) |            |            |             |
| 393188.99   | 3805612.52         | 3.20198    | (17012524) | 393212.28   |
| 3805609.94  | 3.34584 (17012524) |            |            |             |
| 393235.58   | 3805607.36         | 3.47411    | (17012524) | 393258.88   |
| 3805604.77  | 3.58449 (17012524) |            |            |             |
| 393282.17   | 3805602.19         | 3.67493    | (17012524) | 393305.47   |
| 3805599.61  | 3.74385 (17012524) |            |            |             |
| 393328.77   | 3805597.02         | 3.78990    | (17012524) | 393352.06   |
| 3805594.44  | 3.81221 (17012524) |            |            |             |
| 393375.36   | 3805591.86         | 3.81037    | (17012524) | 393398.65   |
| 3805589.27  | 3.78440 (17012524) |            |            |             |
| 393421.95   | 3805586.69         | 3.73478    | (17012524) | 393445.25   |
| 3805584.11  | 3.66242 (17012524) |            |            |             |
| 393468.54   | 3805581.52         | 3.56871    | (17012524) | 393491.84   |
| 3805578.94  | 3.45531 (17012524) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394586.76   | 3805457.53  | 3.60300    | (18061208) | 394610.06   |
| 3805454.95  | 3.69173     | (18061208) |            |             |
| 394633.35   | 3805452.36  | 3.75923    | (18061208) | 394656.65   |
| 3805449.78  | 3.80433     | (18061208) |            |             |
| 394679.94   | 3805447.20  | 3.82618    | (18061208) | 394703.24   |
| 3805444.62  | 3.82439     | (18061208) |            |             |
| 394726.54   | 3805442.03  | 3.79898    | (18061208) | 394749.83   |
| 3805439.45  | 3.75048     | (18061208) |            |             |
| 394773.13   | 3805436.87  | 3.67975    | (18061208) | 394796.43   |
| 3805434.28  | 3.58812     | (18061208) |            |             |
| 394819.72   | 3805431.70  | 3.47731    | (18061208) | 394843.02   |
| 3805429.12  | 3.39648     | (20113008) |            |             |
| 394866.31   | 3805426.53  | 3.42121    | (20113008) | 394889.61   |
| 3805423.95  | 3.42474     | (20113008) |            |             |
| 394912.91   | 3805421.37  | 3.40701    | (20113008) | 394936.20   |
| 3805418.78  | 3.36840     | (20113008) |            |             |
| 394959.50   | 3805416.20  | 3.30962    | (20113008) | 394982.79   |
| 3805413.62  | 3.23181     | (20113008) |            |             |
| 395006.09   | 3805411.03  | 3.13633    | (20113008) | 395029.39   |
| 3805408.45  | 3.02491     | (20113008) |            |             |
| 395052.68   | 3805405.87  | 2.90442    | (16010224) | 395075.98   |
| 3805403.28  | 3.06423     | (16010224) |            |             |
| 395099.28   | 3805400.70  | 3.21284    | (16010224) | 395122.57   |
| 3805398.12  | 3.34782     | (16010224) |            |             |
| 395145.87   | 3805395.53  | 3.46703    | (16010224) | 395169.16   |
| 3805392.95  | 3.56836     | (16010224) |            |             |
| 395192.46   | 3805390.37  | 3.65015    | (16010224) | 395215.76   |
| 3805387.78  | 3.71091     | (16010224) |            |             |
| 395239.05   | 3805385.20  | 3.74958    | (16010224) | 395262.35   |
| 3805382.62  | 3.76551     | (16010224) |            |             |
| 395285.64   | 3805380.04  | 3.75845    | (16010224) | 395308.94   |
| 3805377.45  | 3.72854     | (16010224) |            |             |

|            |                     |                     |            |           |
|------------|---------------------|---------------------|------------|-----------|
| 395332.24  | 3805374.87          | 3.67638             | (16010224) | 395355.53 |
| 3805372.29 | 3.60297 (16010224)  |                     |            |           |
| 395378.83  | 3805369.70          | 3.50959             | (16010224) | 395402.13 |
| 3805367.12 | 3.39794 (16010224)  |                     |            |           |
| 395425.42  | 3805364.54          | 3.27002             | (16010224) | 395448.72 |
| 3805361.95 | 3.12789 (16010224)  |                     |            |           |
| 395472.01  | 3805359.37          | 3.10450             | (16120408) | 395495.31 |
| 3805356.79 | 3.24601 (16120408)  |                     |            |           |
| 395518.61  | 3805354.20          | 3.37341             | (16120408) | 395541.90 |
| 3805351.62 | 3.48459 (16120408)  |                     |            |           |
| 395565.20  | 3805349.04          | 3.57779             | (16120408) | 395588.50 |
| 3805346.45 | 3.65138 (16120408)  |                     |            |           |
| 395611.79  | 3805343.87          | 3.70408             | (16120408) | 395635.09 |
| 3805341.29 | 3.73506 (16120408)  |                     |            |           |
| 395658.38  | 3805338.70          | 3.74377             | (16120408) | 395681.68 |
| 3805336.12 | 3.73011 (16120408)  |                     |            |           |
| 395704.98  | 3805333.54          | 3.69436             | (16120408) | 395728.27 |
| 3805330.95 | 3.63723 (16120408)  |                     |            |           |
| 395751.57  | 3805328.37          | 3.55972             | (16120408) | 395774.86 |
| 3805325.79 | 3.46328 (16120408)  |                     |            |           |
| 395798.16  | 3805323.20          | 3.34950             | (16120408) | 395821.46 |
| 3805320.62 | 3.22036 (16120408)  |                     |            |           |
| 395844.75  | 3805318.04          | 3.07804             | (16120408) | 395868.05 |
| 3805315.46 | 2.96936c (17011624) |                     |            |           |
| 395891.35  | 3805312.87          | 2.94862c (17011624) |            | 395914.64 |
| 3805310.29 | 2.91085c (17011624) |                     |            |           |
| 395937.94  | 3805307.71          | 2.85671c (17011624) |            | 395961.23 |
| 3805305.12 | 2.78722c (17011624) |                     |            |           |
| 395984.53  | 3805302.54          | 2.70352c (17011624) |            | 396007.83 |
| 3805299.96 | 2.65327 (20031108)  |                     |            |           |
| 396031.12  | 3805297.37          | 2.67345             | (20031108) | 396054.42 |
| 3805294.79 | 2.67810 (20031108)  |                     |            |           |
| 396077.71  | 3805292.21          | 2.66718             | (20031108) | 396101.01 |
| 3805289.62 | 2.64089 (20031108)  |                     |            |           |
| 396124.31  | 3805287.04          | 2.59974             | (20031108) | 396147.60 |
| 3805284.46 | 2.63262 (17031708)  |                     |            |           |
| 396170.90  | 3805281.87          | 2.69175             | (17031708) | 396194.20 |
| 3805279.29 | 2.73630 (17031708)  |                     |            |           |
| 396217.49  | 3805276.71          | 2.76555             | (17031708) | 396240.79 |
| 3805274.12 | 2.77906 (17031708)  |                     |            |           |
| 396264.08  | 3805271.54          | 2.77662             | (17031708) | 396287.38 |
| 3805268.96 | 2.77844 (16022408)  |                     |            |           |
| 396310.68  | 3805266.37          | 2.89877             | (16022408) | 396333.97 |
| 3805263.79 | 3.00947 (16022408)  |                     |            |           |
| 396357.27  | 3805261.21          | 3.10955             | (16022408) | 396380.57 |
| 3805258.62 | 3.19812 (16022408)  |                     |            |           |
| 396403.86  | 3805256.04          | 3.27453             | (16022408) | 396427.16 |
| 3805253.46 | 3.33848 (16022408)  |                     |            |           |

|            | X-COORD (M) | Y-COORD (M) | CONC    | (YYMMDDHH) | X-COORD (M) |
|------------|-------------|-------------|---------|------------|-------------|
|            | Y-COORD (M) | CONC        |         | (YYMMDDHH) |             |
| 3805248.29 | 396450.45   | 3805250.88  | 3.38978 | (16022408) | 396473.75   |
| 3805243.13 | 396497.05   | 3805245.71  | 3.45530 | (16022408) | 396520.34   |
| 3805237.96 | 396543.64   | 3805240.54  | 3.47482 | (16022408) | 396566.93   |
| 3805232.79 | 396590.23   | 3805235.38  | 3.53775 | (20021824) | 396613.53   |
| 3805227.63 | 396636.82   | 3805230.21  | 3.60396 | (20021824) | 396660.12   |
| 3805222.46 | 396683.42   | 3805225.04  | 3.59059 | (20021824) | 396706.71   |
| 3805217.29 | 396730.01   | 3805219.88  | 3.49897 | (20021824) | 396753.30   |
| 3805212.13 | 396776.60   | 3805214.71  | 3.51286 | (16010908) | 396799.90   |
| 3805206.96 | 396823.19   | 3805209.54  | 3.60814 | (16010908) | 396846.49   |
| 3805201.79 | 396869.78   | 3805204.38  | 3.62573 | (16010908) | 396893.08   |
| 3805196.63 | 396916.38   | 3805199.21  | 3.56493 | (16010908) | 396939.67   |
| 3805191.46 | 396962.97   | 3805194.04  | 3.43014 | (16010908) | 396986.27   |
| 3805186.30 | 397009.56   | 3805188.88  | 3.55019 | (18020908) | 397032.86   |
| 3805181.13 | 397056.15   | 3805183.71  | 3.60059 | (18020908) | 397079.45   |
| 3805175.96 | 397102.75   | 3805178.55  | 3.57438 | (18020908) | 397126.04   |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 397149.34  | 3805173.38         | 3.47373 | (18020908) | 397172.64 |
| 3805170.80 | 3.39741 (18020908) |         |            |           |
| 397195.93  | 3805168.21         | 3.30536 | (18020908) | 397219.23 |
| 3805165.63 | 3.19893 (18020908) |         |            |           |
| 397242.52  | 3805163.05         | 3.07983 | (18020908) | 397265.82 |
| 3805160.46 | 2.94971 (18020908) |         |            |           |
| 397289.12  | 3805157.88         | 2.88255 | (16012624) | 397312.41 |
| 3805155.30 | 3.00242 (16012624) |         |            |           |
| 397335.71  | 3805152.71         | 3.11093 | (16012624) | 397359.00 |
| 3805150.13 | 3.20651 (16012624) |         |            |           |
| 397382.30  | 3805147.55         | 3.28787 | (16012624) | 397405.60 |
| 3805144.96 | 3.35381 (16012624) |         |            |           |
| 397428.89  | 3805142.38         | 3.40338 | (16012624) | 397452.19 |
| 3805139.80 | 3.43594 (16012624) |         |            |           |
| 397475.49  | 3805137.21         | 3.45100 | (16012624) | 397498.78 |
| 3805134.63 | 3.44842 (16012624) |         |            |           |
| 397522.08  | 3805132.05         | 3.42830 | (16012624) | 397545.37 |
| 3805129.46 | 3.39101 (16012624) |         |            |           |
| 397568.67  | 3805126.88         | 3.33716 | (16012624) | 397591.97 |
| 3805124.30 | 3.31459 (18120424) |         |            |           |
| 397615.26  | 3805121.72         | 3.38262 | (18120424) | 397638.56 |
| 3805119.13 | 3.43464 (18120424) |         |            |           |
| 397661.86  | 3805116.55         | 3.46991 | (18120424) | 397685.15 |
| 3805113.97 | 3.48796 (18120424) |         |            |           |
| 397708.45  | 3805111.38         | 3.48860 | (18120424) | 397731.74 |
| 3805108.80 | 3.47188 (18120424) |         |            |           |
| 397755.04  | 3805106.22         | 3.43811 | (18120424) | 397778.34 |
| 3805103.63 | 3.38784 (18120424) |         |            |           |
| 397801.63  | 3805101.05         | 3.32191 | (18120424) | 397824.93 |
| 3805098.47 | 3.24126 (18120424) |         |            |           |
| 397848.22  | 3805095.88         | 3.14717 | (18120424) | 397871.52 |
| 3805093.30 | 3.04089 (18120424) |         |            |           |
| 397894.82  | 3805090.72         | 2.92395 | (18120424) | 397918.11 |
| 3805088.13 | 2.85799 (16110324) |         |            |           |
| 397941.41  | 3805085.55         | 2.93794 | (18011724) | 397964.71 |
| 3805082.97 | 3.05008 (18011724) |         |            |           |
| 397988.00  | 3805080.38         | 3.15101 | (18011724) | 398011.30 |
| 3805077.80 | 3.23953 (18011724) |         |            |           |
| 398034.59  | 3805075.22         | 3.31439 | (18011724) | 398057.89 |
| 3805072.63 | 3.37466 (18011724) |         |            |           |
| 398081.19  | 3805070.05         | 3.41955 | (18011724) | 398104.48 |
| 3805067.47 | 3.44847 (18011724) |         |            |           |
| 398127.78  | 3805064.88         | 3.46108 | (18011724) | 398151.07 |
| 3805062.30 | 3.45728 (18011724) |         |            |           |
| 398174.37  | 3805059.72         | 3.43717 | (18011724) | 398197.67 |
| 3805057.14 | 3.40110 (18011724) |         |            |           |
| 398220.96  | 3805054.55         | 3.34967 | (18011724) | 398244.26 |
| 3805051.97 | 3.28360 (18011724) |         |            |           |
| 398267.56  | 3805049.39         | 3.31904 | (17122508) | 398290.85 |
| 3805046.80 | 3.37085 (17122508) |         |            |           |

| X-COORD (M) | Y-COORD (M)        | CONC    | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|---------|------------|-------------|
| 398314.15   | 3805044.22         | 3.40754 | (17122508) | 398337.44   |
| 3805041.64  | 3.42863 (17122508) |         |            |             |
| 398360.74   | 3805039.05         | 3.43391 | (17122508) | 398384.04   |
| 3805036.47  | 3.42336 (17122508) |         |            |             |
| 398407.33   | 3805033.89         | 3.39721 | (17122508) | 398430.63   |
| 3805031.30  | 3.35585 (17122508) |         |            |             |
| 398453.93   | 3805028.72         | 3.29992 | (17122508) | 398477.22   |
| 3805026.14  | 3.23026 (17122508) |         |            |             |
| 398500.52   | 3805023.55         | 3.14778 | (17122508) | 398523.81   |
| 3805020.97  | 3.16290 (17060908) |         |            |             |
| 398547.11   | 3805018.39         | 3.19214 | (17060908) | 398570.41   |
| 3805015.80  | 3.20713 (17060908) |         |            |             |
| 398593.70   | 3805013.22         | 3.20775 | (17060908) | 398617.00   |
| 3805010.64  | 3.19403 (17060908) |         |            |             |
| 398640.29   | 3805008.05         | 3.16623 | (17060908) | 382588.19   |
| 3815677.50  | 0.53403 (20020408) |         |            |             |
| 382587.40   | 3815700.97         | 0.51289 | (20020408) | 382586.61   |
| 3815724.44  | 0.48458 (20020408) |         |            |             |
| 382585.83   | 3815747.91         | 0.45922 | (20020408) | 382585.04   |
| 3815771.39  | 0.44738 (16121824) |         |            |             |
| 382584.26   | 3815794.86         | 0.43650 | (16121824) | 382583.47   |
| 3815818.33  | 0.43146 (16121824) |         |            |             |
| 382582.68   | 3815841.80         | 0.43486 | (16121824) | 382581.90   |
| 3815865.28  | 0.44396 (16121824) |         |            |             |
| 382581.11   | 3815888.75         | 0.45174 | (16121824) | 382580.33   |
| 3815912.22  | 0.45392 (16121824) |         |            |             |
| 382579.54   | 3815935.69         | 0.45194 | (16121824) | 382578.76   |
| 3815959.17  | 0.44708 (16121824) |         |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
| 3816381.08 | 394421.67 | 3816380.67          | 5.45725  | (17012716) | 394444.72 |
|            |           | 5.88119 (17012716)  |          |            |           |
|            | 394467.78 | 3816381.50          | 6.41944  | (17012716) | 394490.84 |
| 3816381.92 |           | 7.01307 (17012716)  |          |            |           |
|            | 394513.90 | 3816382.34          | 7.68837  | (17012716) | 394536.95 |
| 3816382.76 |           | 8.57285 (17012716)  |          |            |           |
|            | 394560.01 | 3816383.18          | 9.63661  | (17012716) | 394583.07 |
| 3816383.60 |           | 10.80187 (17012716) |          |            |           |
|            | 394606.13 | 3816384.02          | 12.00145 | (17012716) | 394629.19 |
| 3816384.44 |           | 13.60704 (17012716) |          |            |           |
|            | 394403.54 | 3816397.88          | 5.21694  | (17100916) | 394444.27 |
| 3816406.08 |           | 5.09430 (17100916)  |          |            |           |
|            | 394467.33 | 3816406.50          | 5.46190  | (17100916) | 394490.39 |
| 3816406.92 |           | 5.89328 (17100916)  |          |            |           |
|            | 394513.44 | 3816407.34          | 6.36466  | (17100916) | 394536.50 |
| 3816407.76 |           | 6.96923 (17100916)  |          |            |           |
|            | 394559.56 | 3816408.18          | 7.67929  | (17100916) | 394582.62 |
| 3816408.59 |           | 8.45485 (17100916)  |          |            |           |
|            | 394605.67 | 3816409.01          | 9.16886  | (17100916) | 394628.73 |
| 3816409.43 |           | 10.20189 (17100916) |          |            |           |
|            | 394403.08 | 3816422.88          | 3.96397  | (17100916) | 394360.88 |
| 3816389.26 |           | 5.68413 (17100916)  |          |            |           |
|            | 394443.82 | 3816431.08          | 4.04319  | (19031416) | 394466.87 |
| 3816431.50 |           | 4.31601 (19031416)  |          |            |           |
|            | 394489.93 | 3816431.91          | 4.66249  | (19031416) | 394512.99 |
| 3816432.33 |           | 5.04204 (19031416)  |          |            |           |
|            | 394536.05 | 3816432.75          | 5.49442  | (19031416) | 394559.10 |
| 3816433.17 |           | 5.98347 (19031416)  |          |            |           |
|            | 394582.16 | 3816433.59          | 6.51346  | (19031416) | 394605.22 |
| 3816434.01 |           | 6.95375 (19031416)  |          |            |           |
|            | 394628.28 | 3816434.43          | 7.52723  | (19031416) | 394402.63 |
| 3816447.87 |           | 4.00649 (19031416)  |          |            |           |
|            | 394367.28 | 3816432.31          | 4.37453  | (19031416) | 394342.75 |
| 3816406.48 |           | 5.39587 (17100916)  |          |            |           |
|            | 394443.36 | 3816456.07          | 3.49390  | (16041716) | 394466.42 |
| 3816456.49 |           | 3.74764 (16041716)  |          |            |           |
|            | 394512.53 | 3816457.33          | 4.35452  | (16041716) | 394558.65 |
| 3816458.17 |           | 5.10840 (16041716)  |          |            |           |
|            | 394366.37 | 3816482.30          | 3.42174  | (16041716) | 394306.49 |
| 3816440.91 |           | 4.97054 (19031416)  |          |            |           |
|            | 394292.78 | 3816404.81          | 5.75457  | (17100916) | 394269.26 |
| 3816472.76 |           | 4.64151 (19031416)  |          |            |           |
|            | 394253.58 | 3816431.50          | 5.14877  | (19031416) | 394237.91 |
| 3816390.24 |           | 6.26943 (17100916)  |          |            |           |
|            | 394533.78 | 3816557.73          | 9.21863  | (17120424) | 394556.83 |
| 3816558.15 |           | 11.28463 (17120424) |          |            |           |
|            | 394579.89 | 3816558.57          | 12.68637 | (17120424) | 394378.30 |
| 3816588.34 |           | 9.20409 (18110908)  |          |            |           |
|            | 394280.11 | 3816545.11          | 5.39085  | (16120308) | 394233.22 |
| 3816507.77 |           | 4.26355 (17100908)  |          |            |           |

394217.98 3816467.65 5.34565 (19031416) 394202.74  
 3816427.54 5.18728 (19031416)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1207

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394187.50   | 3816387.42  | 6.35750    | (17100916) | 394417.58   |
| 3816605.63  | 10.64692    | (17120424) |            |             |
| 394486.75   | 3816606.89  | 10.90310   | (17120424) | 394555.93   |
| 3816608.14  | 11.20812    | (19010108) |            |             |
| 394320.27   | 3816613.18  | 11.52834   | (18110908) | 394281.71   |
| 3816596.21  | 10.26790    | (18110908) |            |             |
| 394174.66   | 3816483.48  | 5.28378    | (17100908) | 394159.69   |
| 3816444.10  | 5.73892     | (19031416) |            |             |
| 394144.73   | 3816404.71  | 6.16456    | (17100916) | 394439.73   |
| 3816656.04  | 9.64950     | (17120424) |            |             |
| 394578.08   | 3816658.55  | 18.56690   | (16020724) | 394333.28   |
| 3816669.30  | 18.32145    | (17120424) |            |             |
| 394312.66   | 3816660.23  | 17.58923   | (17120424) | 394292.04   |
| 3816651.15  | 15.10010    | (17120424) |            |             |
| 394271.43   | 3816642.07  | 12.27526   | (18110908) | 394209.57   |
| 3816614.84  | 11.15437    | (18110908) |            |             |
| 394188.95   | 3816605.76  | 9.85189    | (18110908) | 394160.33   |
| 3816575.63  | 6.96075     | (16120308) |            |             |
| 394152.32   | 3816554.57  | 5.85292    | (16120308) | 394136.32   |
| 3816512.44  | 5.56761     | (17100908) |            |             |
| 394120.32   | 3816470.32  | 5.66209    | (19031416) | 394104.32   |
| 3816428.20  | 5.39781     | (19031416) |            |             |
| 394088.32   | 3816386.08  | 6.52281    | (17100916) | 394334.41   |
| 3816770.58  | 101.73234   | (19020208) |            |             |
| 394274.76   | 3816744.33  | 53.14114m  | (18110924) | 394235.00   |
| 3816726.82  | 30.82241m   | (18110924) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 394135.58  | 3816683.05 | 13.04498   | (18110908) | 394088.10 |
| 3816645.24 | 10.51263   | (18110908) |            |           |
| 394072.67  | 3816604.62 | 8.18193    | (20030208) | 394057.24 |
| 3816564.01 | 5.74049    | (16120308) |            |           |
| 394041.81  | 3816523.39 | 6.36252    | (17100908) | 394026.38 |
| 3816482.77 | 6.57279    | (17100908) |            |           |
| 394010.95  | 3816442.16 | 5.72655    | (19031416) | 393995.52 |
| 3816401.54 | 6.21330    | (17100916) |            |           |
| 394460.06  | 3816806.43 | 65.99509   | (18032908) | 394483.12 |
| 3816806.85 | 53.23720   | (18032908) |            |           |
| 394506.18  | 3816807.27 | 36.35113   | (20011508) | 394529.24 |
| 3816807.69 | 30.09328   | (19121208) |            |           |
| 394552.29  | 3816808.11 | 27.52472c  | (20122824) | 394575.35 |
| 3816808.53 | 22.22832c  | (20122824) |            |           |
| 394187.02  | 3816806.48 | 43.36357c  | (18022408) | 394146.09 |
| 3816788.46 | 24.10922m  | (18110924) |            |           |
| 394064.23  | 3816752.43 | 14.66233   | (17120424) | 394015.36 |
| 3816713.51 | 11.01650   | (18110908) |            |           |
| 393999.48  | 3816671.70 | 9.61616    | (18110908) | 393983.60 |
| 3816629.90 | 8.17368    | (20030208) |            |           |
| 393967.72  | 3816588.09 | 5.79090    | (16120308) | 393951.84 |
| 3816546.29 | 6.23955    | (17100908) |            |           |
| 393935.95  | 3816504.49 | 6.74619    | (17100908) | 393920.07 |
| 3816462.68 | 5.88964    | (17100908) |            |           |
| 393904.19  | 3816420.88 | 5.12908    | (17100916) | 393888.31 |
| 3816379.07 | 5.84826    | (17100916) |            |           |
| 394458.25  | 3816906.42 | 81.99943   | (19121208) | 394481.30 |
| 3816906.84 | 88.23315   | (18011724) |            |           |
| 394504.36  | 3816907.25 | 108.76203  | (18011724) | 394527.42 |
| 3816907.67 | 79.11119   | (18011724) |            |           |
| 394550.48  | 3816908.09 | 103.62715c | (20073108) | 394573.53 |
| 3816908.51 | 116.21715  | (16121408) |            |           |
| 394117.89  | 3816876.83 | 33.62643c  | (18022408) | 394097.00 |
| 3816867.64 | 27.61324m  | (18110924) |            |           |
| 394076.11  | 3816858.44 | 24.34233m  | (18110924) | 393992.56 |
| 3816821.66 | 15.56108m  | (18110924) |            |           |
| 393971.68  | 3816812.47 | 14.04709m  | (18110924) | 393942.68 |
| 3816781.94 | 11.33075   | (17120424) |            |           |
| 393934.58  | 3816760.60 | 9.76468    | (18110908) | 393926.48 |
| 3816739.27 | 10.00435   | (18110908) |            |           |
| 393918.37  | 3816717.94 | 9.65177    | (18110908) | 393910.27 |
| 3816696.60 | 8.79783    | (18110908) |            |           |
| 393902.16  | 3816675.27 | 8.13402    | (20030208) | 393894.06 |
| 3816653.93 | 7.65680    | (20030208) |            |           |
| 393885.95  | 3816632.60 | 6.82878    | (20030208) | 393877.85 |
| 3816611.26 | 5.69864    | (20030208) |            |           |
| 393869.74  | 3816589.93 | 4.81773    | (16120308) | 393861.64 |
| 3816568.60 | 5.54909    | (17100908) |            |           |
| 393853.53  | 3816547.26 | 6.11348    | (17100908) | 393845.43 |
| 3816525.93 | 6.40001    | (17100908) |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)          | CONC                 | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|----------------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH)           |            |             |
| 393804.90   | 3816419.26           | 4.60222              | (17100916) | 393796.80   |
| 3816397.92  | 4.99032 (17100916)   |                      |            |             |
| 393788.69   | 3816376.59           | 5.15728              | (17100916) | 393780.59   |
| 3816355.26  | 5.06677 (17100916)   |                      |            |             |
| 394456.43   | 3817006.40           | 73.14008             | (18011724) | 394479.49   |
| 3817006.82  | 94.12689c (20073108) |                      |            |             |
| 394502.54   | 3817007.24           | 94.79354             | (16121408) | 394525.60   |
| 3817007.66  | 117.63456 (16121408) |                      |            |             |
| 394548.66   | 3817008.08           | 97.45818             | (16010508) | 394571.72   |
| 3817008.49  | 104.45914 (20092608) |                      |            |             |
| 394061.81   | 3816952.93           | 39.58721             | (19020208) | 394021.03   |
| 3816934.98  | 22.18418c (18022408) |                      |            |             |
| 393939.46   | 3816899.07           | 16.48324m (18110924) |            | 393898.67   |
| 3816881.11  | 14.83773m (18110924) |                      |            |             |
| 393870.36   | 3816851.30           | 12.53611m (18110924) |            | 393854.54   |
| 3816809.65  | 9.28515 (17120424)   |                      |            |             |
| 393838.71   | 3816767.99           | 8.59277              | (18110908) | 393822.89   |
| 3816726.33  | 7.86316 (18110908)   |                      |            |             |
| 393807.06   | 3816684.67           | 7.10685              | (20030208) | 393791.23   |
| 3816643.01  | 5.71293 (20030208)   |                      |            |             |
| 393775.41   | 3816601.35           | 4.42212              | (17100908) | 393759.58   |
| 3816559.70  | 5.55164 (17100908)   |                      |            |             |
| 393743.76   | 3816518.04           | 6.00867              | (17100908) | 393727.93   |
| 3816476.38  | 5.33633 (17100908)   |                      |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 393712.10  | 3816434.72           | 3.98938   | (17100908) | 393696.28 |
| 3816393.06 | 4.50973 (17100916)   |           |            |           |
| 394454.61  | 3817106.38           | 106.72836 | (16121408) | 394477.67 |
| 3817106.80 | 99.28235 (16121408)  |           |            |           |
| 394500.73  | 3817107.22           | 84.99071  | (20092608) | 394523.79 |
| 3817107.64 | 91.51984 (20092608)  |           |            |           |
| 394546.84  | 3817108.06           | 68.84746  | (18091908) | 394569.90 |
| 3817108.48 | 85.84419 (20032008)  |           |            |           |
| 393992.26  | 3817023.09           | 38.55112  | (19020208) | 393971.53 |
| 3817013.97 | 36.74470 (19020208)  |           |            |           |
| 393950.81  | 3817004.85           | 29.64263  | (19020208) | 393930.09 |
| 3816995.73 | 19.68061 (19020208)  |           |            |           |
| 393909.37  | 3816986.61           | 18.37899m | (18110924) | 393888.65 |
| 3816977.48 | 17.83861m (18110924) |           |            |           |
| 393867.93  | 3816968.36           | 16.84195m | (18110924) | 393847.21 |
| 3816959.24 | 15.17071m (18110924) |           |            |           |
| 393826.49  | 3816950.12           | 13.31894m | (18110924) | 393797.72 |
| 3816919.83 | 10.73767m (18110924) |           |            |           |
| 393781.64  | 3816877.50           | 9.72654   | (17120424) | 393773.60 |
| 3816856.34 | 8.74238 (17120424)   |           |            |           |
| 393757.52  | 3816814.01           | 7.17709   | (18110908) | 393749.48 |
| 3816792.85 | 7.21140 (18110908)   |           |            |           |
| 393733.40  | 3816750.52           | 6.55685   | (18110908) | 393725.36 |
| 3816729.35 | 6.29247 (20030208)   |           |            |           |
| 393709.28  | 3816687.02           | 5.82852   | (20030208) | 393701.24 |
| 3816665.86 | 5.15752 (20030208)   |           |            |           |
| 393685.16  | 3816623.53           | 3.81614   | (16120308) | 393677.12 |
| 3816602.37 | 4.27503 (17100908)   |           |            |           |
| 393661.04  | 3816560.04           | 5.25152   | (17100908) | 393653.00 |
| 3816538.87 | 5.50809 (17100908)   |           |            |           |
| 393636.92  | 3816496.54           | 5.24100   | (17100908) | 393620.84 |
| 3816454.22 | 4.21474 (17100908)   |           |            |           |
| 393612.80  | 3816433.05           | 3.59372   | (17100908) | 393596.72 |
| 3816390.72 | 4.08937 (17100916)   |           |            |           |
| 393588.68  | 3816369.56           | 4.22471   | (17100916) | 394452.80 |
| 3817206.37 | 79.50778 (20092608)  |           |            |           |
| 394475.85  | 3817206.79           | 79.61508  | (20092608) | 394498.91 |
| 3817207.21 | 61.72066 (18091908)  |           |            |           |
| 394521.97  | 3817207.62           | 74.02151  | (20032008) | 394545.03 |
| 3817208.04 | 90.43695 (20032008)  |           |            |           |
| 394568.09  | 3817208.46           | 94.58349  | (20032008) | 393813.64 |
| 3817196.42 | 33.21497 (20022908)  |           |            |           |
| 393792.63  | 3817187.17           | 21.27359  | (19020208) | 393771.61 |
| 3817177.92 | 22.04395 (19020208)  |           |            |           |
| 393750.59  | 3817168.66           | 20.89199  | (19020208) | 393729.57 |
| 3817159.41 | 18.23400 (19020208)  |           |            |           |
| 393708.55  | 3817150.16           | 14.76642  | (19020208) | 393687.54 |
| 3817140.91 | 9.99305m (18110924)  |           |            |           |
| 393666.52  | 3817131.66           | 9.62782m  | (18110924) | 393645.50 |
| 3817122.40 | 9.03433m (18110924)  |           |            |           |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 393616.33  | 3817091.68          | 7.65104m (18110924) | 393608.17 |
| 3817070.22 | 7.05156m (18110924) |                     |           |
| 393600.02  | 3817048.75          | 6.57414m (18110924) | 393591.86 |
| 3817027.28 | 6.79166 (17120424)  |                     |           |
| 393583.71  | 3817005.81          | 7.15513 (17120424)  | 393575.55 |
| 3816984.35 | 7.20144 (17120424)  |                     |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1209

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 393567.40   | 3816962.88         | 6.92577    | (17120424) | 393559.24   |
| 3816941.41  | 6.35747 (17120424) |            |            |             |
| 393551.09   | 3816919.95         | 5.56568    | (17120424) | 393542.93   |
| 3816898.48  | 5.20953 (18110908) |            |            |             |
| 393534.78   | 3816877.01         | 5.34017    | (18110908) | 393526.62   |
| 3816855.54  | 5.30162 (18110908) |            |            |             |
| 393518.46   | 3816834.08         | 5.13987    | (18110908) | 393510.31   |
| 3816812.61  | 4.89762 (18110908) |            |            |             |
| 393502.15   | 3816791.14         | 4.82016    | (20030208) | 393494.00   |
| 3816769.68  | 4.77344 (20030208) |            |            |             |
| 393485.84   | 3816748.21         | 4.54977    | (20030208) | 393477.69   |
| 3816726.74  | 4.12381 (20030208) |            |            |             |
| 393469.53   | 3816705.27         | 3.66531    | (20030208) | 393461.38   |
| 3816683.81  | 3.20475 (20030208) |            |            |             |
| 393453.22   | 3816662.34         | 2.91400    | (19101108) | 393445.07   |
| 3816640.87  | 3.23334 (17100908) |            |            |             |
| 393436.91   | 3816619.40         | 3.66175    | (17100908) | 393428.76   |
| 3816597.94  | 4.04484 (17100908) |            |            |             |
| 393420.60   | 3816576.47         | 4.34685    | (17100908) | 393412.44   |
| 3816555.00  | 4.53018 (17100908) |            |            |             |
| 393404.29   | 3816533.54         | 4.57030    | (17100908) | 393396.13   |
| 3816512.07  | 4.43541 (17100908) |            |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393387.98  | 3816490.60          | 4.16934  | (17100908) | 393379.82 |
| 3816469.13 | 3.81828 (17100908)  |          |            |           |
| 393371.67  | 3816447.67          | 3.41574  | (17100908) | 393363.51 |
| 3816426.20 | 2.98823 (17100908)  |          |            |           |
| 393355.36  | 3816404.73          | 3.26092  | (17100916) | 393347.20 |
| 3816383.27 | 3.47112 (17100916)  |          |            |           |
| 393339.05  | 3816361.80          | 3.59409  | (17100916) | 393330.89 |
| 3816340.33 | 3.61943 (17100916)  |          |            |           |
| 394448.26  | 3817456.33          | 71.66851 | (20032008) | 394471.31 |
| 3817456.75 | 72.67343 (20032008) |          |            |           |
| 394494.37  | 3817457.16          | 65.36930 | (20032008) | 394517.43 |
| 3817457.58 | 73.57677 (16022308) |          |            |           |
| 393629.93  | 3817367.51          | 9.01351  | (18021308) | 393609.19 |
| 3817358.37 | 7.92945 (18021308)  |          |            |           |
| 393588.44  | 3817349.24          | 8.29480  | (19020208) | 393567.69 |
| 3817340.11 | 8.91355 (19020208)  |          |            |           |
| 393546.94  | 3817330.97          | 9.21204  | (19020208) | 393526.19 |
| 3817321.84 | 9.15703 (19020208)  |          |            |           |
| 393505.45  | 3817312.71          | 8.55860  | (19020208) | 393484.70 |
| 3817303.57 | 7.17113 (19020208)  |          |            |           |
| 393463.95  | 3817294.44          | 5.34781  | (19020208) | 393435.15 |
| 3817264.11 | 5.78420m (18110924) |          |            |           |
| 393419.05  | 3817221.73          | 5.85450m | (18110924) | 393411.00 |
| 3817200.54 | 5.42137m (18110924) |          |            |           |
| 393402.95  | 3817179.35          | 4.87237m | (18110924) | 393386.85 |
| 3817136.97 | 5.15112 (17120424)  |          |            |           |
| 393378.80  | 3817115.77          | 5.58702  | (17120424) | 393370.75 |
| 3817094.58 | 5.87233 (17120424)  |          |            |           |
| 393354.65  | 3817052.20          | 5.74768  | (17120424) | 393346.60 |
| 3817031.01 | 5.46778 (17120424)  |          |            |           |
| 393338.55  | 3817009.82          | 4.98341  | (17120424) | 393322.44 |
| 3816967.43 | 4.50522 (18110908)  |          |            |           |
| 393314.39  | 3816946.24          | 4.62681  | (18110908) | 393306.34 |
| 3816925.05 | 4.62917 (18110908)  |          |            |           |
| 393298.29  | 3816903.86          | 4.49550  | (18110908) | 393282.19 |
| 3816861.48 | 4.24407 (20030208)  |          |            |           |
| 393274.14  | 3816840.28          | 4.28311  | (20030208) | 393266.09 |
| 3816819.09 | 4.19651 (20030208)  |          |            |           |
| 393249.99  | 3816776.71          | 3.72635  | (20030208) | 393241.94 |
| 3816755.52 | 3.40539 (20030208)  |          |            |           |
| 393233.89  | 3816734.33          | 3.04322  | (20030208) | 393217.79 |
| 3816691.94 | 2.68851 (19101108)  |          |            |           |
| 393209.74  | 3816670.75          | 2.87156  | (17100908) | 393201.69 |
| 3816649.56 | 3.15565 (17100908)  |          |            |           |
| 393193.63  | 3816628.37          | 3.46366  | (17100908) | 393177.53 |
| 3816585.99 | 3.95656 (17100908)  |          |            |           |
| 393169.48  | 3816564.80          | 4.07562  | (17100908) | 393161.43 |
| 3816543.60 | 4.07213 (17100908)  |          |            |           |
| 393145.33  | 3816501.22          | 3.69150  | (17100908) | 393137.28 |
| 3816480.03 | 3.41051 (17100908)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393129.23  | 3816458.84 | 3.10377    | (17100908) | 393113.13 |
| 3816416.46 | 2.55437    | (17100916) |            |           |
| 393105.08  | 3816395.26 | 2.72975    | (17100916) | 393097.03 |
| 3816374.07 | 2.85055    | (17100916) |            |           |
| 393080.93  | 3816331.69 | 2.96299    | (17100916) | 394443.71 |
| 3817706.29 | 59.24038   | (16022308) |            |           |
| 394559.00  | 3817708.38 | 46.31626   | (19112124) | 394582.06 |
| 3817708.80 | 46.32359   | (17021124) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1210

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 394605.12   | 3817709.22  | 55.49201   | (16102908) | 393618.02   |
| 3817614.22  | 14.66059    | (18032908) |            |             |
| 393597.07   | 3817605.00  | 13.56602   | (18032908) | 393576.13   |
| 3817595.78  | 12.30986    | (18032908) |            |             |
| 393555.18   | 3817586.56  | 10.74004   | (18032908) | 393534.23   |
| 3817577.34  | 8.94681     | (18111108) |            |             |
| 393450.44   | 3817540.45  | 8.52656    | (17030408) | 393429.50   |
| 3817531.23  | 8.71004     | (20022908) |            |             |
| 393408.55   | 3817522.01  | 9.86255    | (20022908) | 393387.60   |
| 3817512.79  | 9.65938     | (20022908) |            |             |
| 393366.66   | 3817503.57  | 8.43346    | (19020208) | 393345.71   |
| 3817494.34  | 9.27048     | (19020208) |            |             |
| 393324.76   | 3817485.12  | 9.99407    | (19020208) | 393303.82   |
| 3817475.90  | 10.77716    | (19020208) |            |             |
| 393282.87   | 3817466.68  | 10.68407   | (19020208) | 393253.79   |
| 3817436.07  | 7.57072     | (19020208) |            |             |
| 393245.67   | 3817414.67  | 5.71248m   | (18110924) | 393237.54   |
| 3817393.28  | 6.02972m    | (18110924) |            |             |
| 393229.41   | 3817371.88  | 6.12459m   | (18110924) | 393221.28   |
| 3817350.49  | 5.99898m    | (18110924) |            |             |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 393213.15  | 3817329.09          | 5.74038m (18110924) | 393205.03 |
| 3817307.70 | 5.46074m (18110924) |                     |           |
| 393196.90  | 3817286.30          | 5.22038m (18110924) | 393188.77 |
| 3817264.91 | 5.04925m (18110924) |                     |           |
| 393180.64  | 3817243.51          | 4.96409m (18110924) | 393172.52 |
| 3817222.12 | 4.97026m (18110924) |                     |           |
| 393164.39  | 3817200.72          | 4.95679m (18110924) | 393156.26 |
| 3817179.33 | 5.06497 (17120424)  |                     |           |
| 393148.13  | 3817157.93          | 5.02371 (17120424)  | 393140.00 |
| 3817136.54 | 4.84113 (17120424)  |                     |           |
| 393131.88  | 3817115.14          | 4.56435 (17120424)  | 393123.75 |
| 3817093.75 | 4.26055 (17120424)  |                     |           |
| 393115.62  | 3817072.35          | 3.95135 (16120224)  | 393107.49 |
| 3817050.96 | 3.95235 (16120224)  |                     |           |
| 393099.36  | 3817029.56          | 3.97985 (18110908)  | 393091.24 |
| 3817008.17 | 4.01154 (18110908)  |                     |           |
| 393083.11  | 3816986.77          | 3.92525 (18110908)  | 393074.98 |
| 3816965.38 | 3.77198 (18110908)  |                     |           |
| 393066.85  | 3816943.98          | 3.69879 (18110908)  | 393058.72 |
| 3816922.59 | 3.92256 (20030208)  |                     |           |
| 393050.60  | 3816901.19          | 4.08116 (20030208)  | 393042.47 |
| 3816879.80 | 4.12652 (20030208)  |                     |           |
| 393034.34  | 3816858.40          | 4.07882 (20030208)  | 393026.21 |
| 3816837.01 | 3.94020 (20030208)  |                     |           |
| 393018.09  | 3816815.61          | 3.82408 (19031408)  | 393009.96 |
| 3816794.22 | 3.84989 (19031408)  |                     |           |
| 393001.83  | 3816772.82          | 3.95598 (19031408)  | 392993.70 |
| 3816751.43 | 4.57143 (19101108)  |                     |           |
| 392985.57  | 3816730.03          | 4.94970 (19101108)  | 392977.45 |
| 3816708.64 | 4.83596 (19101108)  |                     |           |
| 392969.32  | 3816687.24          | 4.50325 (17100908)  | 392961.19 |
| 3816665.85 | 4.88049 (17100908)  |                     |           |
| 392953.06  | 3816644.45          | 5.16488 (17100908)  | 392944.93 |
| 3816623.06 | 5.28497 (17100908)  |                     |           |
| 392936.81  | 3816601.66          | 5.26681 (17100908)  | 392928.68 |
| 3816580.27 | 5.20000 (17100908)  |                     |           |
| 392920.55  | 3816558.87          | 5.03710 (17100908)  | 392912.42 |
| 3816537.48 | 4.76081 (17100908)  |                     |           |
| 392904.29  | 3816516.08          | 4.38645 (17100908)  | 392896.17 |
| 3816494.69 | 3.95218 (17100908)  |                     |           |
| 392888.04  | 3816473.29          | 3.49057 (17100908)  | 392879.91 |
| 3816451.90 | 3.04307 (17100908)  |                     |           |
| 392871.78  | 3816430.50          | 2.75882 (18101508)  | 392863.66 |
| 3816409.11 | 2.64994 (16121824)  |                     |           |
| 392855.53  | 3816387.71          | 2.84634 (16121824)  | 392847.40 |
| 3816366.32 | 3.03432 (16121824)  |                     |           |
| 392839.27  | 3816344.92          | 3.18433 (16121824)  | 392831.14 |
| 3816323.53 | 3.27509 (16121824)  |                     |           |
| 394462.23  | 3817956.66          | 51.67681 (20032208) | 394485.29 |
| 3817957.08 | 40.26488 (20032208) |                     |           |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 393047.90  | 3817543.43          | 8.26835  | (19020208) | 393039.72 |
| 3817521.89 | 6.41956m (18110924) |          |            |           |
| 393031.53  | 3817500.34          | 6.60316m | (18110924) | 393023.34 |
| 3817478.79 | 6.76747m (18110924) |          |            |           |
| 393015.16  | 3817457.25          | 6.78237m | (18110924) | 393006.97 |
| 3817435.70 | 6.04916m (18110924) |          |            |           |
| 392998.79  | 3817414.16          | 5.49469m | (18110924) | 392990.60 |
| 3817392.61 | 5.25747m (18110924) |          |            |           |
| 392982.42  | 3817371.06          | 5.21291m | (18110924) | 392974.23 |
| 3817349.52 | 5.23820m (18110924) |          |            |           |
| 392966.05  | 3817327.97          | 5.32176m | (18110924) | 392957.86 |
| 3817306.43 | 5.36487m (18110924) |          |            |           |
| 392949.68  | 3817284.88          | 5.41568m | (18110924) | 392941.49 |
| 3817263.33 | 5.32666m (18110924) |          |            |           |
| 392933.31  | 3817241.79          | 4.99120m | (18110924) | 392925.12 |
| 3817220.24 | 4.69701m (18110924) |          |            |           |
| 392916.94  | 3817198.70          | 4.56295m | (18110924) | 392908.75 |
| 3817177.15 | 4.20845m (18110924) |          |            |           |
| 392900.57  | 3817155.60          | 3.90743  | (16120224) | 392892.38 |
| 3817134.06 | 4.02123 (16120224)  |          |            |           |
| 392884.20  | 3817112.51          | 4.17119  | (16120224) | 392876.01 |
| 3817090.97 | 4.50939 (19120508)  |          |            |           |
| 392867.82  | 3817069.42          | 5.80508  | (19120508) | 392859.64 |
| 3817047.88 | 6.37962 (19120508)  |          |            |           |
| 392851.45  | 3817026.33          | 8.16332  | (18031108) | 392843.27 |
| 3817004.78 | 11.43098 (18031108) |          |            |           |
| 392835.08  | 3816983.24          | 15.48950 | (18031108) | 392826.90 |
| 3816961.69 | 19.79887 (18031108) |          |            |           |
| 392818.71  | 3816940.15          | 23.32182 | (18031108) | 392810.53 |
| 3816918.60 | 26.25821 (18031108) |          |            |           |
| 392802.34  | 3816897.05          | 28.14925 | (18031108) | 392794.16 |
| 3816875.51 | 29.06640 (17030408) |          |            |           |
| 392785.97  | 3816853.96          | 28.87326 | (17030408) | 392777.79 |
| 3816832.42 | 25.61341 (17030408) |          |            |           |
| 392769.60  | 3816810.87          | 25.98601 | (17011708) | 392761.42 |
| 3816789.32 | 27.07553 (17011708) |          |            |           |
| 392753.23  | 3816767.78          | 22.59672 | (17011708) | 392745.05 |
| 3816746.23 | 17.20818 (18030608) |          |            |           |
| 392736.86  | 3816724.69          | 12.35761 | (17030224) | 392728.68 |
| 3816703.14 | 8.73407m (19011124) |          |            |           |
| 392720.49  | 3816681.59          | 6.43217  | (17100908) | 392712.31 |
| 3816660.05 | 6.48518 (17100908)  |          |            |           |
| 392704.12  | 3816638.50          | 6.40070  | (17100908) | 392695.93 |
| 3816616.96 | 6.16571 (17100908)  |          |            |           |
| 392687.75  | 3816595.41          | 5.81116  | (17100908) | 392679.56 |
| 3816573.87 | 5.43802 (17100908)  |          |            |           |
| 392671.38  | 3816552.32          | 5.04668  | (17100908) | 392663.19 |
| 3816530.77 | 4.62234 (17100908)  |          |            |           |
| 392655.01  | 3816509.23          | 4.18205  | (17100908) | 392646.82 |
| 3816487.68 | 3.73540 (17100908)  |          |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393243.82  | 3818205.37 | 18.69173c  | (19090108) | 393222.80 |
| 3818196.11 | 20.70663   | (19120508) |            |           |
| 393201.77  | 3818186.85 | 21.87229   | (19120508) | 393180.74 |
| 3818177.59 | 21.70152   | (19120508) |            |           |
| 393159.71  | 3818168.34 | 20.48407   | (19120508) | 393138.68 |
| 3818159.08 | 19.02024   | (18032908) |            |           |
| 393117.65  | 3818149.82 | 20.20929   | (18032908) | 393096.62 |
| 3818140.56 | 21.08604   | (18032908) |            |           |
| 393075.59  | 3818131.30 | 21.65746   | (18032908) | 393054.56 |
| 3818122.05 | 21.70534   | (18032908) |            |           |
| 393033.53  | 3818112.79 | 21.62115   | (18111108) | 393012.50 |
| 3818103.53 | 20.92996   | (18111108) |            |           |
| 392991.47  | 3818094.27 | 19.21138   | (18111108) | 392907.35 |
| 3818057.24 | 10.33380   | (19111224) |            |           |
| 392886.32  | 3818047.99 | 11.49130   | (17030408) | 392865.29 |
| 3818038.73 | 12.89376   | (17030408) |            |           |
| 392844.26  | 3818029.47 | 14.20428   | (20022908) | 392823.23 |
| 3818020.21 | 17.12794   | (20022908) |            |           |
| 392802.20  | 3818010.95 | 19.22874   | (20022908) | 392781.17 |
| 3818001.70 | 20.36299   | (20022908) |            |           |
| 392760.14  | 3817992.44 | 20.45490   | (20022908) | 392739.11 |
| 3817983.18 | 19.33874   | (20022908) |            |           |
| 392709.92  | 3817952.44 | 14.84637   | (20022908) | 392701.76 |
| 3817930.96 | 12.61293   | (16103008) |            |           |
| 392693.60  | 3817909.49 | 13.59611   | (19020208) | 392685.44 |
| 3817888.01 | 14.51568   | (19020208) |            |           |
| 392677.28  | 3817866.53 | 14.72468   | (19020208) | 392669.12 |
| 3817845.05 | 14.11065   | (19020208) |            |           |
| 392660.96  | 3817823.57 | 12.75464   | (19020208) | 392652.80 |
| 3817802.09 | 10.92863   | (19020208) |            |           |
| 392644.64  | 3817780.61 | 8.85637    | (19020208) | 392636.48 |
| 3817759.13 | 7.92643c   | (18022408) |            |           |
| 392628.32  | 3817737.65 | 8.30034c   | (18022408) | 392620.16 |
| 3817716.17 | 7.96764c   | (18022408) |            |           |
| 392612.00  | 3817694.69 | 7.17896c   | (18022408) | 392603.84 |
| 3817673.21 | 6.46671m   | (18110924) |            |           |
| 392595.68  | 3817651.73 | 6.35222m   | (18110924) | 392587.52 |
| 3817630.25 | 6.21559m   | (18110924) |            |           |
| 392579.36  | 3817608.77 | 6.10085m   | (18110924) | 392571.20 |
| 3817587.29 | 6.03275m   | (18110924) |            |           |
| 392563.04  | 3817565.81 | 6.37614    | (16102924) | 392554.88 |
| 3817544.33 | 6.74163    | (16102924) |            |           |
| 392546.72  | 3817522.85 | 6.66023    | (16102924) | 392538.56 |
| 3817501.37 | 6.51125m   | (18110924) |            |           |
| 392530.40  | 3817479.89 | 6.58167m   | (18110924) | 392522.24 |
| 3817458.41 | 6.70928m   | (18110924) |            |           |
| 392514.08  | 3817436.94 | 6.96844m   | (18110924) | 392505.92 |
| 3817415.46 | 6.88214m   | (18110924) |            |           |
| 392497.76  | 3817393.98 | 6.68750m   | (18110924) | 392489.60 |
| 3817372.50 | 6.36795m   | (18110924) |            |           |

|                                                                          |                     |                     |           |
|--------------------------------------------------------------------------|---------------------|---------------------|-----------|
| 392481.44                                                                | 3817351.02          | 6.12610m (20100708) | 392473.28 |
| 3817329.54                                                               | 7.33117 (16120808)  |                     |           |
| 392465.12                                                                | 3817308.06          | 8.56539 (16120808)  | 392456.96 |
| 3817286.58                                                               | 10.26276 (19120508) |                     |           |
| 392448.80                                                                | 3817265.10          | 12.37174 (19120508) | 392440.64 |
| 3817243.62                                                               | 13.82648 (19120508) |                     |           |
| 392432.48                                                                | 3817222.14          | 15.57645 (18102824) | 392424.32 |
| 3817200.66                                                               | 19.51426 (18102824) |                     |           |
| 392416.16                                                                | 3817179.18          | 19.66552 (18102824) | 392408.00 |
| 3817157.70                                                               | 17.80820 (17111124) |                     |           |
| 392399.84                                                                | 3817136.22          | 21.10756 (18031108) | 392391.68 |
| 3817114.74                                                               | 24.15791 (18031108) |                     |           |
| 392383.52                                                                | 3817093.26          | 26.25985 (18031108) | 392375.36 |
| 3817071.78                                                               | 27.24605 (18031108) |                     |           |
| ▲ *** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume |                     |                     |           |
| Study                                                                    | ***                 | 02/10/26            |           |
| *** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study             |                     |                     |           |
|                                                                          | ***                 | 17:54:19            |           |

PAGE 1213

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 392367.20   | 3817050.30          | 27.18165   | (18031108) | 392359.04   |
| 3817028.82  | 25.20199 (18031108) |            |            |             |
| 392350.88   | 3817007.34          | 21.95618   | (18031108) | 392342.72   |
| 3816985.86  | 19.10614 (18031108) |            |            |             |
| 392334.56   | 3816964.38          | 17.55790   | (17030408) | 392326.40   |
| 3816942.91  | 14.55127 (17030408) |            |            |             |
| 392318.24   | 3816921.43          | 10.59759   | (17030408) | 392310.08   |
| 3816899.95  | 7.54827 (17030408)  |            |            |             |
| 392301.92   | 3816878.47          | 6.15699    | (17011708) | 392293.76   |
| 3816856.99  | 6.05830 (17011708)  |            |            |             |
| 392285.60   | 3816835.51          | 6.47013    | (18030608) | 392277.44   |
| 3816814.03  | 6.72905 (18030608)  |            |            |             |
| 392269.28   | 3816792.55          | 6.94922    | (17030224) | 392261.12   |
| 3816771.07  | 6.75057 (17030224)  |            |            |             |



|            |                      |                      |           |
|------------|----------------------|----------------------|-----------|
| 392252.96  | 3816749.59           | 7.18193m (19011124)  | 392244.80 |
| 3816728.11 | 7.28435m (19011124)  |                      |           |
| 392236.64  | 3816706.63           | 7.65317 (19120324)   | 392228.48 |
| 3816685.15 | 8.40134 (19120324)   |                      |           |
| 392220.32  | 3816663.67           | 9.16952 (19120324)   | 392212.16 |
| 3816642.19 | 10.94953 (18111708)  |                      |           |
| 392204.00  | 3816620.71           | 13.71488 (18111708)  | 392195.84 |
| 3816599.23 | 15.95600 (18111708)  |                      |           |
| 392187.68  | 3816577.75           | 17.12022 (18111708)  | 392179.52 |
| 3816556.27 | 17.62488 (18111708)  |                      |           |
| 392171.36  | 3816534.79           | 18.19199 (18111708)  | 392163.20 |
| 3816513.31 | 18.62056 (18111708)  |                      |           |
| 392155.04  | 3816491.83           | 18.07523 (18111708)  | 392146.88 |
| 3816470.35 | 20.08056 (17011308)  |                      |           |
| 392138.72  | 3816448.88           | 19.60681 (17011308)  | 392130.56 |
| 3816427.40 | 20.17701 (19110708)  |                      |           |
| 392122.40  | 3816405.92           | 20.04411 (19110708)  | 392114.24 |
| 3816384.44 | 18.69467 (19110708)  |                      |           |
| 392106.08  | 3816362.96           | 16.90789 (18010808)  | 392097.92 |
| 3816341.48 | 18.45171 (18010808)  |                      |           |
| 392089.76  | 3816320.00           | 18.93791 (18010808)  | 392081.60 |
| 3816298.52 | 19.02967c (20122908) |                      |           |
| 394425.55  | 3818706.12           | 29.42396 (16102908)  | 394448.61 |
| 3818706.54 | 27.33834 (16102908)  |                      |           |
| 394471.67  | 3818706.96           | 27.64628 (16082908)  | 394494.72 |
| 3818707.38 | 28.10089 (16082908)  |                      |           |
| 394517.78  | 3818707.80           | 31.12845 (19092024)  | 394540.84 |
| 3818708.21 | 32.40675 (19092024)  |                      |           |
| 394563.90  | 3818708.63           | 30.84596 (19092024)  | 394586.95 |
| 3818709.05 | 26.82984 (19092024)  |                      |           |
| 393488.86  | 3818817.15           | 25.68023 (16121408)  | 393467.87 |
| 3818807.91 | 29.33730 (16121408)  |                      |           |
| 393446.89  | 3818798.67           | 31.41104 (16121408)  | 393425.90 |
| 3818789.43 | 31.54062 (16121408)  |                      |           |
| 393404.91  | 3818780.20           | 29.71826 (16121408)  | 393383.92 |
| 3818770.96 | 26.28833 (16121408)  |                      |           |
| 393362.94  | 3818761.72           | 21.84412 (16121408)  | 393341.95 |
| 3818752.48 | 22.63706c (20073108) |                      |           |
| 393320.96  | 3818743.24           | 23.07550c (20073108) | 393299.97 |
| 3818734.00 | 22.95635c (20073108) |                      |           |
| 393278.98  | 3818724.76           | 22.14662c (20073108) | 393258.00 |
| 3818715.52 | 20.56835c (20073108) |                      |           |
| 393237.01  | 3818706.28           | 18.59632 (20111108)  | 393216.02 |
| 3818697.04 | 20.70971 (18011724)  |                      |           |
| 393195.03  | 3818687.80           | 23.70286 (18011724)  | 393174.04 |
| 3818678.56 | 25.75826 (18011724)  |                      |           |
| 393153.06  | 3818669.32           | 26.64939 (18011724)  | 393132.07 |
| 3818660.09 | 26.31476 (18011724)  |                      |           |
| 393111.08  | 3818650.85           | 24.85077 (18011724)  | 393090.09 |
| 3818641.61 | 22.47705 (18011724)  |                      |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393069.11  | 3818632.37 | 19.48697   | (18011724) | 393048.12 |
| 3818623.13 | 16.19242   | (18011724) |            |           |
| 393027.13  | 3818613.89 | 16.39042   | (19062708) | 393006.14 |
| 3818604.65 | 17.71697   | (19062708) |            |           |
| 392985.15  | 3818595.41 | 18.02696   | (19062708) | 392964.17 |
| 3818586.17 | 17.27948   | (19062708) |            |           |
| 392943.18  | 3818576.93 | 15.61482   | (19062708) | 392922.19 |
| 3818567.69 | 15.89649   | (20010724) |            |           |
| 392901.20  | 3818558.45 | 16.78071   | (20010724) | 392880.21 |
| 3818549.21 | 18.24766   | (19120508) |            |           |
| 392859.23  | 3818539.98 | 19.39722   | (19120508) | 392838.24 |
| 3818530.74 | 19.66451   | (19120508) |            |           |
| 392817.25  | 3818521.50 | 19.02010   | (19120508) | 392796.26 |
| 3818512.26 | 17.57034   | (19120508) |            |           |
| 392775.28  | 3818503.02 | 17.58634   | (17010724) | 392754.29 |
| 3818493.78 | 18.67149   | (17010724) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1214

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392733.30   | 3818484.54  | 19.06694   | (18032908) | 392712.31   |
| 3818475.30  | 19.64092    | (18032908) |            |             |
| 392691.32   | 3818466.06  | 20.85087   | (18111108) | 392670.34   |
| 3818456.82  | 22.01886    | (18111108) |            |             |
| 392649.35   | 3818447.58  | 22.40338   | (18111108) | 392628.36   |
| 3818438.34  | 21.99984    | (18111108) |            |             |
| 392565.40   | 3818410.63  | 17.01801   | (18111108) | 392544.41   |
| 3818401.39  | 16.02648    | (19111224) |            |             |
| 392523.42   | 3818392.15  | 16.19072   | (19111224) | 392502.43   |
| 3818382.91  | 15.60577    | (19111224) |            |             |
| 392481.45   | 3818373.67  | 14.36378   | (19111224) | 392460.46   |
| 3818364.43  | 14.60584    | (20022908) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 392439.47  | 3818355.19 | 18.28464   | (20022908) | 392418.48 |
| 3818345.95 | 21.92954   | (20022908) |            |           |
| 392397.49  | 3818336.71 | 25.22107   | (20022908) | 392376.51 |
| 3818327.47 | 27.84021   | (20022908) |            |           |
| 392347.37  | 3818296.80 | 30.06770   | (20022908) | 392339.23 |
| 3818275.36 | 29.11327   | (20022908) |            |           |
| 392331.09  | 3818253.92 | 26.69493   | (20022908) | 392322.94 |
| 3818232.49 | 23.21261   | (20022908) |            |           |
| 392314.80  | 3818211.05 | 19.15951   | (20022908) | 392306.66 |
| 3818189.61 | 16.30942   | (16103008) |            |           |
| 392298.51  | 3818168.18 | 17.11836   | (19020208) | 392290.37 |
| 3818146.74 | 18.09007   | (19020208) |            |           |
| 392282.22  | 3818125.30 | 18.36289   | (19020208) | 392274.08 |
| 3818103.87 | 17.79518   | (19020208) |            |           |
| 392265.94  | 3818082.43 | 16.40666   | (19020208) | 392257.79 |
| 3818060.99 | 14.56921   | (19020208) |            |           |
| 392249.65  | 3818039.56 | 12.32795   | (19020208) | 392241.51 |
| 3818018.12 | 10.43982   | (19022324) |            |           |
| 392233.36  | 3817996.68 | 10.13925   | (19022324) | 392225.22 |
| 3817975.25 | 10.62148c  | (18022408) |            |           |
| 392217.07  | 3817953.81 | 10.56551c  | (18022408) | 392208.93 |
| 3817932.37 | 9.74109c   | (18022408) |            |           |
| 392200.79  | 3817910.94 | 8.73433    | (18120624) | 392192.64 |
| 3817889.50 | 8.13879    | (18120624) |            |           |
| 392184.50  | 3817868.06 | 7.52891    | (20120624) | 392176.35 |
| 3817846.63 | 7.34853    | (20120624) |            |           |
| 392168.21  | 3817825.19 | 7.51830    | (16102924) | 392160.07 |
| 3817803.75 | 8.85033    | (16102924) |            |           |
| 392151.92  | 3817782.32 | 9.99440    | (16102924) | 392143.78 |
| 3817760.88 | 10.59077   | (16102924) |            |           |
| 392135.64  | 3817739.44 | 10.53321   | (16102924) | 392127.49 |
| 3817718.01 | 10.08276   | (16102924) |            |           |
| 392119.35  | 3817696.57 | 9.09416    | (16102924) | 392111.20 |
| 3817675.13 | 7.90185    | (18111708) |            |           |
| 392103.06  | 3817653.70 | 7.03429    | (18111708) | 392094.92 |
| 3817632.26 | 6.33072m   | (18110924) |            |           |
| 392086.77  | 3817610.82 | 6.18909m   | (18110924) | 392078.63 |
| 3817589.39 | 5.97948m   | (18110924) |            |           |
| 392070.49  | 3817567.95 | 5.68623m   | (18110924) | 392062.34 |
| 3817546.51 | 5.30830m   | (18110924) |            |           |
| 392054.20  | 3817525.07 | 4.88803m   | (18110924) | 392046.05 |
| 3817503.64 | 4.89748    | (16120808) |            |           |
| 392037.91  | 3817482.20 | 5.36753    | (16120808) | 392029.77 |
| 3817460.76 | 5.47781    | (16120808) |            |           |
| 392021.62  | 3817439.33 | 5.91354    | (19120508) | 392013.48 |
| 3817417.89 | 6.81280    | (19120508) |            |           |
| 392005.34  | 3817396.45 | 8.31001    | (19120508) | 391997.19 |
| 3817375.02 | 9.91759    | (19120508) |            |           |
| 391989.05  | 3817353.58 | 10.34926   | (18102824) | 391980.90 |
| 3817332.14 | 10.84009   | (18102824) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391972.76  | 3817310.71 | 11.66476   | (20011508) | 391964.62 |
| 3817289.27 | 12.38182   | (20011508) |            |           |
| 391956.47  | 3817267.83 | 15.55475   | (18031108) | 391948.33 |
| 3817246.40 | 18.48359   | (18031108) |            |           |
| 391940.19  | 3817224.96 | 19.98877   | (18031108) | 391932.04 |
| 3817203.52 | 20.01655   | (18031108) |            |           |
| 391923.90  | 3817182.09 | 20.09878   | (18031108) | 391915.75 |
| 3817160.65 | 21.06208   | (18031108) |            |           |
| 391907.61  | 3817139.21 | 21.24870   | (18031108) | 391899.47 |
| 3817117.78 | 20.23751   | (18031108) |            |           |
| 391891.32  | 3817096.34 | 18.97469   | (18031108) | 391883.18 |
| 3817074.90 | 18.90919   | (17030408) |            |           |
| 391875.04  | 3817053.47 | 18.73124   | (17030408) | 391866.89 |
| 3817032.03 | 17.70985   | (17030408) |            |           |
| 391858.75  | 3817010.59 | 15.95749   | (17030408) | 391850.60 |
| 3816989.16 | 16.63983   | (17011708) |            |           |
| 391842.46  | 3816967.72 | 17.69331   | (17011708) | 391834.32 |
| 3816946.28 | 17.77184   | (17011708) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1215

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391826.17   | 3816924.85  | 16.86996   | (17011708) | 391818.03   |
| 3816903.41  | 15.81335    | (18030608) |            |             |
| 391809.89   | 3816881.97  | 14.73696   | (18030608) | 391801.74   |
| 3816860.54  | 15.91854    | (17030224) |            |             |
| 391793.60   | 3816839.10  | 16.24511m  | (19011124) | 391785.45   |
| 3816817.66  | 16.55446m   | (19011124) |            |             |
| 391777.31   | 3816796.23  | 16.69799m  | (19011124) | 391769.17   |
| 3816774.79  | 17.88681m   | (19011124) |            |             |
| 391761.02   | 3816753.35  | 17.54890m  | (19011124) | 391752.88   |
| 3816731.92  | 16.81035    | (19120324) |            |             |

|            |                      |                      |            |           |
|------------|----------------------|----------------------|------------|-----------|
| 391744.74  | 3816710.48           | 17.56589             | (18111708) | 391736.59 |
| 3816689.04 | 21.25550 (18111708)  |                      |            |           |
| 391728.45  | 3816667.61           | 23.45283             | (18111708) | 391720.30 |
| 3816646.17 | 26.47970 (18111708)  |                      |            |           |
| 391712.16  | 3816624.73           | 28.48702             | (18111708) | 391704.02 |
| 3816603.30 | 28.52853 (18111708)  |                      |            |           |
| 391695.87  | 3816581.86           | 27.26914             | (18111708) | 391687.73 |
| 3816560.42 | 24.89127 (18111708)  |                      |            |           |
| 391679.58  | 3816538.99           | 21.70918             | (18111708) | 391671.44 |
| 3816517.55 | 18.09708 (18111708)  |                      |            |           |
| 391663.30  | 3816496.11           | 16.21990             | (17011308) | 391655.15 |
| 3816474.68 | 16.54352 (17011308)  |                      |            |           |
| 391647.01  | 3816453.24           | 16.09681             | (17011308) | 391638.87 |
| 3816431.80 | 16.59300 (19110708)  |                      |            |           |
| 391630.72  | 3816410.37           | 16.66717             | (19110708) | 391622.58 |
| 3816388.93 | 15.97543 (19110708)  |                      |            |           |
| 391614.43  | 3816367.49           | 14.62049             | (19110708) | 391606.29 |
| 3816346.06 | 13.90831 (18010808)  |                      |            |           |
| 391598.15  | 3816324.62           | 13.58531             | (18010808) | 391590.00 |
| 3816303.18 | 13.88951c (20122908) |                      |            |           |
| 391581.86  | 3816281.75           | 13.08115c (20122908) |            | 394416.47 |
| 3819206.04 | 22.09742 (19092024)  |                      |            |           |
| 394439.53  | 3819206.46           | 24.42163             | (19092024) | 394462.58 |
| 3819206.88 | 25.35714 (19092024)  |                      |            |           |
| 394485.64  | 3819207.29           | 24.72938             | (19092024) | 394508.70 |
| 3819207.71 | 22.64386 (19092024)  |                      |            |           |
| 394531.76  | 3819208.13           | 20.35092             | (19120224) | 394554.82 |
| 3819208.55 | 20.33962 (19120224)  |                      |            |           |
| 394577.87  | 3819208.97           | 24.48577             | (16092808) | 393543.89 |
| 3819345.29 | 16.75542 (20022708)  |                      |            |           |
| 393522.93  | 3819336.06           | 17.24041             | (20022708) | 393501.97 |
| 3819326.84 | 16.81023 (20022708)  |                      |            |           |
| 393481.01  | 3819317.61           | 15.53286             | (20022708) | 393460.05 |
| 3819308.39 | 15.58520 (20011808)  |                      |            |           |
| 393439.10  | 3819299.16           | 16.83511             | (20011808) | 393418.14 |
| 3819289.93 | 17.23619 (20011808)  |                      |            |           |
| 393397.18  | 3819280.71           | 17.31892             | (20092608) | 393376.22 |
| 3819271.48 | 17.92098 (20092608)  |                      |            |           |
| 393355.26  | 3819262.25           | 17.83640             | (20092608) | 393334.30 |
| 3819253.03 | 17.07788 (20092608)  |                      |            |           |
| 393313.34  | 3819243.80           | 16.68178             | (19120508) | 393292.39 |
| 3819234.57 | 16.71046 (17031324)  |                      |            |           |
| 393271.43  | 3819225.35           | 18.72139             | (16121408) | 393250.47 |
| 3819216.12 | 21.93259 (16121408)  |                      |            |           |
| 393229.51  | 3819206.90           | 24.45799             | (16121408) | 393208.55 |
| 3819197.67 | 25.97398 (16121408)  |                      |            |           |
| 393187.59  | 3819188.44           | 26.27874             | (16121408) | 393166.63 |
| 3819179.22 | 25.33904 (16121408)  |                      |            |           |
| 393145.68  | 3819169.99           | 23.29510             | (16121408) | 393124.72 |
| 3819160.76 | 20.42405 (16121408)  |                      |            |           |

|            |                      |                      |           |
|------------|----------------------|----------------------|-----------|
| 393103.76  | 3819151.54           | 17.97627c (20073108) | 393082.80 |
| 3819142.31 | 18.57361c (20073108) |                      |           |
| 393061.84  | 3819133.09           | 18.91341c (20073108) | 393040.88 |
| 3819123.86 | 18.93298c (20073108) |                      |           |
| 393019.92  | 3819114.63           | 18.55109c (20073108) | 392998.97 |
| 3819105.41 | 17.70263c (20073108) |                      |           |
| 392978.01  | 3819096.18           | 16.37013c (20073108) | 392957.05 |
| 3819086.95 | 15.10547 (20111108)  |                      |           |
| 392936.09  | 3819077.73           | 17.20210 (18011724)  | 392915.13 |
| 3819068.50 | 19.37601 (18011724)  |                      |           |
| 392894.17  | 3819059.27           | 20.98394 (18011724)  | 392873.21 |
| 3819050.05 | 21.89008 (18011724)  |                      |           |
| 392852.26  | 3819040.82           | 22.03566 (18011724)  | 392831.30 |
| 3819031.60 | 21.43877 (18011724)  |                      |           |
| 392810.34  | 3819022.37           | 20.18414 (18011724)  | 392789.38 |
| 3819013.14 | 18.40489 (18011724)  |                      |           |
| 392768.42  | 3819003.92           | 16.26169 (18011724)  | 392747.46 |
| 3818994.69 | 13.92086 (18011724)  |                      |           |
| 392726.50  | 3818985.46           | 13.23105 (19082108)  | 392705.55 |
| 3818976.24 | 14.22564 (19062708)  |                      |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1216

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392684.59   | 3818967.01  | 14.92817   | (19062708) | 392663.63   |
| 3818957.79  | 14.96797    | (19062708) |            |             |
| 392642.67   | 3818948.56  | 14.34687   | (19062708) | 392621.71   |
| 3818939.33  | 13.15210    | (19062708) |            |             |
| 392600.75   | 3818930.11  | 12.87352   | (20010724) | 392579.80   |
| 3818920.88  | 13.74043    | (20010724) |            |             |
| 392558.84   | 3818911.65  | 14.16515   | (19120508) | 392537.88   |
| 3818902.43  | 15.35273    | (19120508) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3818883.97 | 392516.92 | 3818893.20 | 16.05260   | (19120508) | 392495.96 |
|            |           | 16.19116   | (19120508) |            |           |
| 3818865.52 | 392475.00 | 3818874.75 | 15.75912   | (19120508) | 392454.04 |
|            |           | 14.81114   | (19120508) |            |           |
| 3818847.07 | 392433.09 | 3818856.30 | 14.00164   | (17010724) | 392412.13 |
|            |           | 15.11346   | (17010724) |            |           |
| 3818828.62 | 392391.17 | 3818837.84 | 15.66595   | (17010724) | 392370.21 |
|            |           | 15.61324   | (18032908) |            |           |
| 3818754.81 | 392349.25 | 3818819.39 | 16.00621   | (18032908) | 392202.54 |
|            |           | 15.74674   | (18111108) |            |           |
| 3818736.35 | 392181.58 | 3818745.58 | 14.22695   | (18111108) | 392160.62 |
|            |           | 13.15232   | (19111224) |            |           |
| 3818717.90 | 392139.67 | 3818727.13 | 13.47994   | (19111224) | 392118.71 |
|            |           | 13.33014   | (19111224) |            |           |
| 3818699.45 | 392097.75 | 3818708.67 | 12.72514   | (19111224) | 392076.79 |
|            |           | 11.73322   | (19111224) |            |           |
| 3818681.00 | 392055.83 | 3818690.22 | 11.93673   | (19112124) | 392034.87 |
|            |           | 14.43130   | (20022908) |            |           |
| 3818641.14 | 392013.91 | 3818671.77 | 17.09010   | (20022908) | 391984.82 |
|            |           | 22.11470   | (20022908) |            |           |
| 3818598.32 | 391976.69 | 3818619.73 | 24.06457   | (20022908) | 391968.56 |
|            |           | 25.25247   | (20022908) |            |           |
| 3818555.51 | 391960.43 | 3818576.92 | 25.54671   | (20022908) | 391952.29 |
|            |           | 24.90791   | (20022908) |            |           |
| 3818512.70 | 391944.16 | 3818534.10 | 23.39765   | (20022908) | 391936.03 |
|            |           | 21.16916   | (20022908) |            |           |
| 3818469.88 | 391927.90 | 3818491.29 | 18.43906   | (20022908) | 391919.76 |
|            |           | 15.45591   | (20022908) |            |           |
| 3818427.07 | 391911.63 | 3818448.48 | 14.74149   | (19112108) | 391903.50 |
|            |           | 15.82369   | (19020208) |            |           |
| 3818384.25 | 391895.37 | 3818405.66 | 16.88439   | (19020208) | 391887.23 |
|            |           | 17.45230   | (19020208) |            |           |
| 3818341.44 | 391879.10 | 3818362.85 | 17.44628   | (19020208) | 391870.97 |
|            |           | 16.84822   | (19020208) |            |           |
| 3818298.63 | 391862.84 | 3818320.03 | 15.70776   | (19020208) | 391854.71 |
|            |           | 15.20803   | (18022808) |            |           |
| 3818255.81 | 391846.57 | 3818277.22 | 14.63058   | (18022808) | 391838.44 |
|            |           | 13.47514   | (18022808) |            |           |
| 3818213.00 | 391830.31 | 3818234.41 | 13.87185   | (19122824) | 391822.18 |
|            |           | 14.88856   | (19122824) |            |           |
| 3818170.19 | 391814.04 | 3818191.59 | 15.29228   | (19122824) | 391805.91 |
|            |           | 15.02762   | (19122824) |            |           |
| 3818127.37 | 391797.78 | 3818148.78 | 14.59537   | (18120624) | 391789.65 |
|            |           | 14.81336   | (18120624) |            |           |
| 3818084.56 | 391781.51 | 3818105.97 | 14.37661   | (18120624) | 391773.38 |
|            |           | 14.84090   | (20120624) |            |           |
| 3818041.75 | 391765.25 | 3818063.15 | 14.87043   | (20120624) | 391757.12 |
|            |           | 15.09913   | (16102924) |            |           |
| 3817998.93 | 391748.98 | 3818020.34 | 18.37768   | (16102924) | 391740.85 |
|            |           | 21.44636   | (16102924) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391732.72  | 3817977.53 | 23.94089   | (16102924) | 391724.59 |
| 3817956.12 | 24.79129   | (16102924) |            |           |
| 391716.45  | 3817934.71 | 25.00247   | (16102924) | 391708.32 |
| 3817913.31 | 25.09338   | (16102924) |            |           |
| 391700.19  | 3817891.90 | 23.46298   | (16102924) | 391692.06 |
| 3817870.49 | 20.69622   | (16102924) |            |           |
| 391683.93  | 3817849.09 | 17.64941   | (16102924) | 391675.79 |
| 3817827.68 | 14.25678   | (16102924) |            |           |
| 391667.66  | 3817806.27 | 12.49132   | (17031024) | 391659.53 |
| 3817784.87 | 11.82841   | (17031024) |            |           |
| 391651.40  | 3817763.46 | 10.65233   | (18121624) | 391643.26 |
| 3817742.05 | 10.35234   | (18121624) |            |           |
| 391635.13  | 3817720.65 | 9.31629    | (18121624) | 391627.00 |
| 3817699.24 | 8.55975    | (16122224) |            |           |
| 391618.87  | 3817677.83 | 7.92849    | (16122224) | 391610.73 |
| 3817656.42 | 6.95544    | (20030908) |            |           |
| 391602.60  | 3817635.02 | 6.07798    | (16120808) | 391594.47 |
| 3817613.61 | 5.44320    | (16120808) |            |           |
| 391586.34  | 3817592.20 | 5.41844    | (19120508) | 391578.20 |
| 3817570.80 | 5.47884    | (19120508) |            |           |
| 391570.07  | 3817549.39 | 5.53663    | (19120508) | 391561.94 |
| 3817527.98 | 5.40221    | (19120508) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1217

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391553.81   | 3817506.58  | 5.06381    | (19120508) | 391545.67   |
| 3817485.17  | 4.24037     | (19120508) |            |             |
| 391537.54   | 3817463.76  | 3.37276    | (19120508) | 391529.41   |
| 3817442.36  | 2.89203     | (18031108) |            |             |
| 391521.28   | 3817420.95  | 3.06653    | (18031108) | 391513.14   |
| 3817399.54  | 3.27047     | (18031108) |            |             |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391505.01  | 3817378.14         | 3.48444 | (18031108) | 391496.88 |
| 3817356.73 | 3.82130 (18031108) |         |            |           |
| 391488.75  | 3817335.32         | 4.26638 | (18031108) | 391480.62 |
| 3817313.92 | 4.61304 (18031108) |         |            |           |
| 391472.48  | 3817292.51         | 4.42288 | (18031108) | 391464.35 |
| 3817271.10 | 3.68829 (18031108) |         |            |           |
| 391456.22  | 3817249.70         | 3.08888 | (19031408) | 391448.09 |
| 3817228.29 | 2.86067 (19031408) |         |            |           |
| 391439.95  | 3817206.88         | 2.67687 | (19031408) | 391431.82 |
| 3817185.48 | 2.49175 (19031408) |         |            |           |
| 391423.69  | 3817164.07         | 2.32459 | (19031408) | 391415.56 |
| 3817142.66 | 2.21124 (19031408) |         |            |           |
| 391407.42  | 3817121.26         | 2.11282 | (19031408) | 391399.29 |
| 3817099.85 | 2.03710 (19031408) |         |            |           |
| 391391.16  | 3817078.44         | 2.01929 | (19101108) | 391383.03 |
| 3817057.04 | 2.16888 (19101108) |         |            |           |
| 391374.89  | 3817035.63         | 2.29729 | (19101108) | 391366.76 |
| 3817014.22 | 2.39188 (19101108) |         |            |           |
| 391358.63  | 3816992.82         | 2.45376 | (19101108) | 391350.50 |
| 3816971.41 | 2.57908 (19100424) |         |            |           |
| 391342.36  | 3816950.00         | 2.67046 | (19100424) | 391334.23 |
| 3816928.59 | 2.69449 (19100424) |         |            |           |
| 391326.10  | 3816907.19         | 2.57674 | (19100424) | 391317.97 |
| 3816885.78 | 2.39135 (19100424) |         |            |           |
| 391309.84  | 3816864.37         | 2.44184 | (17100908) | 391301.70 |
| 3816842.97 | 2.55478 (17100908) |         |            |           |
| 391293.57  | 3816821.56         | 2.65950 | (17100908) | 391285.44 |
| 3816800.15 | 2.74958 (17100908) |         |            |           |
| 391277.31  | 3816778.75         | 2.83377 | (17100908) | 391269.17 |
| 3816757.34 | 2.88961 (17100908) |         |            |           |
| 391261.04  | 3816735.93         | 2.91207 | (17100908) | 391252.91 |
| 3816714.53 | 2.89275 (17100908) |         |            |           |
| 391244.78  | 3816693.12         | 2.82854 | (17100908) | 391236.64 |
| 3816671.71 | 2.74054 (17100908) |         |            |           |
| 391228.51  | 3816650.31         | 2.63123 | (17100908) | 391220.38 |
| 3816628.90 | 2.51093 (17100908) |         |            |           |
| 391212.25  | 3816607.49         | 2.37838 | (17100908) | 391204.11 |
| 3816586.09 | 2.22657 (17100908) |         |            |           |
| 391195.98  | 3816564.68         | 2.08770 | (17100908) | 391187.85 |
| 3816543.27 | 1.95055 (17100908) |         |            |           |
| 391179.72  | 3816521.87         | 1.81738 | (17100908) | 391171.58 |
| 3816500.46 | 1.75166 (18101508) |         |            |           |
| 391163.45  | 3816479.05         | 1.72686 | (19031408) | 391155.32 |
| 3816457.65 | 1.67746 (19031408) |         |            |           |
| 391147.19  | 3816436.24         | 1.58925 | (19031408) | 391139.05 |
| 3816414.83 | 1.49078 (16121824) |         |            |           |
| 391130.92  | 3816393.43         | 1.57208 | (16121824) | 391122.79 |
| 3816372.02 | 1.64786 (16121824) |         |            |           |
| 391114.66  | 3816350.61         | 1.71959 | (16121824) | 391106.53 |
| 3816329.21 | 1.81913 (16121824) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391098.39  | 3816307.80 | 1.96363    | (16121824) | 391090.26 |
| 3816286.39 | 2.15199    | (16121824) |            |           |
| 391082.13  | 3816264.99 | 2.34072    | (16121824) | 394407.39 |
| 3819705.96 | 20.44346   | (19092024) |            |           |
| 394430.44  | 3819706.37 | 19.28469   | (19092024) | 394453.50 |
| 3819706.79 | 17.35660   | (19092024) |            |           |
| 394476.56  | 3819707.21 | 16.83839   | (19120224) | 394499.62 |
| 3819707.63 | 16.62195   | (19120224) |            |           |
| 394522.68  | 3819708.05 | 19.70118   | (16092808) | 394545.73 |
| 3819708.47 | 22.72719   | (16092808) |            |           |
| 394568.79  | 3819708.89 | 25.19383   | (16092808) | 393381.63 |
| 3819777.78 | 14.00723   | (18020308) |            |           |
| 393360.53  | 3819768.49 | 13.93598   | (20022708) | 393339.43 |
| 3819759.20 | 14.59253   | (20022708) |            |           |
| 393318.33  | 3819749.91 | 14.63810   | (20022708) | 393297.23 |
| 3819740.62 | 14.06738   | (20022708) |            |           |
| 393276.13  | 3819731.33 | 12.95179   | (20022708) | 393255.03 |
| 3819722.05 | 13.31125   | (20011808) |            |           |
| 393233.93  | 3819712.76 | 14.28270   | (20011808) | 393212.83 |
| 3819703.47 | 14.68337   | (20011808) |            |           |
| 393191.73  | 3819694.18 | 14.46441   | (20011808) | 393170.63 |
| 3819684.89 | 14.90829   | (20092608) |            |           |
| 393149.54  | 3819675.61 | 15.10438   | (20092608) | 393128.44 |
| 3819666.32 | 14.83311   | (20092608) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1218

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 393107.34   | 3819657.03  | 14.12528   | (20092608) | 393086.24   |
| 3819647.74  | 14.20224    | (19120508) |            |             |
| 393065.14   | 3819638.45  | 14.17460   | (17031324) | 393044.04   |
| 3819629.16  | 15.34185    | (16121408) |            |             |

|            |                      |                      |            |           |
|------------|----------------------|----------------------|------------|-----------|
| 393022.94  | 3819619.88           | 17.86202             | (16121408) | 393001.84 |
| 3819610.59 | 19.99471 (16121408)  |                      |            |           |
| 392980.74  | 3819601.30           | 21.52524             | (16121408) | 392959.64 |
| 3819592.01 | 22.29251 (16121408)  |                      |            |           |
| 392938.54  | 3819582.72           | 22.21629             | (16121408) | 392917.44 |
| 3819573.43 | 21.31097 (16121408)  |                      |            |           |
| 392896.35  | 3819564.15           | 19.68288             | (16121408) | 392875.25 |
| 3819554.86 | 17.50608 (16121408)  |                      |            |           |
| 392854.15  | 3819545.57           | 14.99724             | (16121408) | 392833.05 |
| 3819536.28 | 15.45431c (20073108) |                      |            |           |
| 392811.95  | 3819526.99           | 15.80013c (20073108) |            | 392790.85 |
| 3819517.71 | 15.96568c (20073108) |                      |            |           |
| 392769.75  | 3819508.42           | 15.90278c (20073108) |            | 392748.65 |
| 3819499.13 | 15.55864c (20073108) |                      |            |           |
| 392727.55  | 3819489.84           | 14.89443c (20073108) |            | 392706.45 |
| 3819480.55 | 13.97229 (20111108)  |                      |            |           |
| 392685.35  | 3819471.26           | 13.06565 (20111108)  |            | 392664.25 |
| 3819461.98 | 13.90305 (18011724)  |                      |            |           |
| 392643.16  | 3819452.69           | 15.66963 (18011724)  |            | 392622.06 |
| 3819443.40 | 17.10715 (18011724)  |                      |            |           |
| 392600.96  | 3819434.11           | 18.11496 (18011724)  |            | 392579.86 |
| 3819424.82 | 18.63041 (18011724)  |                      |            |           |
| 392558.76  | 3819415.53           | 18.63312 (18011724)  |            | 392537.66 |
| 3819406.25 | 18.14348 (18011724)  |                      |            |           |
| 392516.56  | 3819396.96           | 17.21564 (18011724)  |            | 392495.46 |
| 3819387.67 | 15.92859 (18011724)  |                      |            |           |
| 392474.36  | 3819378.38           | 14.37593 (18011724)  |            | 392453.26 |
| 3819369.09 | 12.65666 (18011724)  |                      |            |           |
| 392432.16  | 3819359.81           | 11.02189 (19082108)  |            | 392411.06 |
| 3819350.52 | 11.31799 (19062708)  |                      |            |           |
| 392389.96  | 3819341.23           | 12.21828 (19062708)  |            | 392368.87 |
| 3819331.94 | 12.71549 (19062708)  |                      |            |           |
| 392347.77  | 3819322.65           | 12.76144 (19062708)  |            | 392326.67 |
| 3819313.36 | 12.35525 (19062708)  |                      |            |           |
| 392305.57  | 3819304.08           | 11.54373 (19062708)  |            | 392284.47 |
| 3819294.79 | 10.87809c (19090108) |                      |            |           |
| 392263.37  | 3819285.50           | 11.30523 (20010724)  |            | 392242.27 |
| 3819276.21 | 11.81544 (20010724)  |                      |            |           |
| 392221.17  | 3819266.92           | 12.12512 (19120508)  |            | 392200.07 |
| 3819257.63 | 12.98811 (19120508)  |                      |            |           |
| 392178.97  | 3819248.35           | 13.51795 (19120508)  |            | 392157.87 |
| 3819239.06 | 13.67063 (19120508)  |                      |            |           |
| 392136.77  | 3819229.77           | 13.43569 (19120508)  |            | 392115.68 |
| 3819220.48 | 12.83850 (19120508)  |                      |            |           |
| 392094.58  | 3819211.19           | 11.93479 (19120508)  |            | 392073.48 |
| 3819201.91 | 12.27509 (17010724)  |                      |            |           |
| 392052.38  | 3819192.62           | 13.01257 (17010724)  |            | 392031.28 |
| 3819183.33 | 13.35304 (17010724)  |                      |            |           |
| 392010.18  | 3819174.04           | 13.27422 (17010724)  |            | 391989.08 |
| 3819164.75 | 13.34519 (18032908)  |                      |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391967.98  | 3819155.46 | 14.08784   | (18111108) | 391946.88 |
| 3819146.18 | 14.90300   | (18111108) |            |           |
| 391925.78  | 3819136.89 | 15.41065   | (18111108) | 391841.39 |
| 3819099.73 | 14.27925   | (18111108) |            |           |
| 391820.29  | 3819090.45 | 13.33148   | (18111108) | 391799.19 |
| 3819081.16 | 12.20764   | (18111108) |            |           |
| 391778.09  | 3819071.87 | 10.99857   | (19111224) | 391756.99 |
| 3819062.58 | 11.38535   | (19111224) |            |           |
| 391735.89  | 3819053.29 | 11.45185   | (19111224) | 391714.79 |
| 3819044.01 | 11.19678   | (19111224) |            |           |
| 391693.69  | 3819034.72 | 10.64531   | (19111224) | 391672.59 |
| 3819025.43 | 9.84536    | (19111224) |            |           |
| 391651.49  | 3819016.14 | 10.08496   | (19112124) | 391622.21 |
| 3818985.30 | 13.99425   | (20022908) |            |           |
| 391614.02  | 3818963.75 | 16.22110   | (20022908) | 391605.83 |
| 3818942.20 | 18.26531   | (20022908) |            |           |
| 391597.65  | 3818920.65 | 19.97597   | (20022908) | 391589.46 |
| 3818899.10 | 21.21596   | (20022908) |            |           |
| 391581.27  | 3818877.55 | 21.87740   | (20022908) | 391573.09 |
| 3818856.00 | 21.89876   | (20022908) |            |           |
| 391564.90  | 3818834.45 | 21.27332   | (20022908) | 391556.71 |
| 3818812.90 | 20.05112   | (20022908) |            |           |
| 391548.52  | 3818791.35 | 18.33242   | (20022908) | 391540.34 |
| 3818769.80 | 16.25466   | (20022908) |            |           |
| 391532.15  | 3818748.25 | 13.91654   | (20022908) | 391523.96 |
| 3818726.70 | 12.47740   | (16103008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1219

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 391515.78   | 3818705.15  | 12.69312   | (19020208) | 391507.59   |
| 3818683.60  | 13.48645    | (19020208) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391499.40  | 3818662.05 | 13.99957   | (19020208) | 391491.22 |
| 3818640.50 | 14.16864   | (19020208) |            |           |
| 391483.03  | 3818618.94 | 13.95665   | (19020208) | 391474.84 |
| 3818597.39 | 13.56159   | (19020208) |            |           |
| 391466.65  | 3818575.84 | 12.81494   | (19020208) | 391458.47 |
| 3818554.29 | 11.73654   | (19020208) |            |           |
| 391450.28  | 3818532.74 | 11.45962   | (18022808) | 391442.09 |
| 3818511.19 | 10.87536   | (18022808) |            |           |
| 391433.91  | 3818489.64 | 10.45411   | (19022324) | 391425.72 |
| 3818468.09 | 10.29716   | (19122824) |            |           |
| 391417.53  | 3818446.54 | 10.59637   | (19122824) | 391409.35 |
| 3818424.99 | 10.47144   | (19122824) |            |           |
| 391401.16  | 3818403.44 | 9.99443    | (19122824) | 391392.97 |
| 3818381.89 | 9.50168    | (18120624) |            |           |
| 391384.79  | 3818360.34 | 9.44227    | (18120624) | 391376.60 |
| 3818338.79 | 8.96714    | (18120624) |            |           |
| 391368.41  | 3818317.24 | 8.28175    | (20120624) | 391360.22 |
| 3818295.69 | 8.05166    | (20120624) |            |           |
| 391352.04  | 3818274.14 | 7.47624    | (20120624) | 391343.85 |
| 3818252.59 | 7.39525    | (16102924) |            |           |
| 391335.66  | 3818231.04 | 8.49013    | (16102924) | 391327.48 |
| 3818209.49 | 9.43134    | (16102924) |            |           |
| 391319.29  | 3818187.94 | 10.30947   | (16102924) | 391311.10 |
| 3818166.39 | 10.78486   | (16102924) |            |           |
| 391302.92  | 3818144.84 | 10.91226   | (16102924) | 391294.73 |
| 3818123.29 | 10.64031   | (16102924) |            |           |
| 391286.54  | 3818101.73 | 10.00553   | (16102924) | 391278.35 |
| 3818080.18 | 9.10653    | (16102924) |            |           |
| 391270.17  | 3818058.63 | 7.99400    | (16102924) | 391261.98 |
| 3818037.08 | 6.91418    | (18111708) |            |           |
| 391253.79  | 3818015.53 | 6.07709    | (18111708) | 391245.61 |
| 3817993.98 | 5.10984    | (17031024) |            |           |
| 391237.42  | 3817972.43 | 4.59691m   | (18110924) | 391229.23 |
| 3817950.88 | 4.39842m   | (18110924) |            |           |
| 391221.05  | 3817929.33 | 4.24677m   | (18110924) | 391212.86 |
| 3817907.78 | 4.08498m   | (18110924) |            |           |
| 391204.67  | 3817886.23 | 3.82535m   | (18110924) | 391196.49 |
| 3817864.68 | 3.88286    | (20030908) |            |           |
| 391188.30  | 3817843.13 | 4.13365    | (20030908) | 391180.11 |
| 3817821.58 | 4.42400    | (20030908) |            |           |
| 391171.92  | 3817800.03 | 4.85089    | (16120808) | 391163.74 |
| 3817778.48 | 5.63387    | (16012724) |            |           |
| 391155.55  | 3817756.93 | 6.56844    | (16012724) | 391147.36 |
| 3817735.38 | 7.34131c   | (16070208) |            |           |
| 391139.18  | 3817713.83 | 7.49874c   | (16070208) | 391130.99 |
| 3817692.28 | 6.81194    | (19120508) |            |           |
| 391122.80  | 3817670.73 | 5.73936    | (19120508) | 391114.62 |
| 3817649.18 | 4.79706    | (19120508) |            |           |
| 391106.43  | 3817627.63 | 4.03722    | (19120508) | 391098.24 |
| 3817606.08 | 3.50508    | (20011508) |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391090.05  | 3817584.52         | 3.16972 | (20011508) | 391081.87 |
| 3817562.97 | 2.98322 (18031108) |         |            |           |
| 391073.68  | 3817541.42         | 3.06080 | (18031108) | 391065.49 |
| 3817519.87 | 3.16087 (18031108) |         |            |           |
| 391057.31  | 3817498.32         | 3.24539 | (18031108) | 391049.12 |
| 3817476.77 | 3.23872 (18031108) |         |            |           |
| 391040.93  | 3817455.22         | 3.14079 | (18031108) | 391032.75 |
| 3817433.67 | 3.21322 (18031108) |         |            |           |
| 391024.56  | 3817412.12         | 3.32072 | (18031108) | 391016.37 |
| 3817390.57 | 3.26567 (18031108) |         |            |           |
| 391008.18  | 3817369.02         | 3.09681 | (18031108) | 391000.00 |
| 3817347.47 | 2.91355 (17030408) |         |            |           |
| 390991.81  | 3817325.92         | 2.85834 | (17030408) | 390983.62 |
| 3817304.37 | 2.77136 (17030408) |         |            |           |
| 390975.44  | 3817282.82         | 2.65086 | (17030408) | 390967.25 |
| 3817261.27 | 2.45300 (17030408) |         |            |           |
| 390959.06  | 3817239.72         | 2.19393 | (17030408) | 390950.88 |
| 3817218.17 | 2.02116 (19031408) |         |            |           |
| 390942.69  | 3817196.62         | 1.92223 | (19031408) | 390934.50 |
| 3817175.07 | 1.80667 (19031408) |         |            |           |
| 390926.32  | 3817153.52         | 1.77780 | (19101108) | 390918.13 |
| 3817131.97 | 1.77825 (19101108) |         |            |           |
| 390909.94  | 3817110.42         | 1.76118 | (19101108) | 390901.75 |
| 3817088.87 | 1.73329 (19101108) |         |            |           |
| 390893.57  | 3817067.31         | 1.68274 | (19101108) | 390885.38 |
| 3817045.76 | 1.63263 (19101108) |         |            |           |
| 390877.19  | 3817024.21         | 1.59265 | (19101108) | 390869.01 |
| 3817002.66 | 1.53321 (19101108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1220

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390860.82  | 3816981.11          | 1.45712  | (19101108) | 390852.63 |
| 3816959.56 | 1.49689 (17100908)  |          |            |           |
| 390844.45  | 3816938.01          | 1.57229  | (17100908) | 390836.26 |
| 3816916.46 | 1.64502 (17100908)  |          |            |           |
| 390828.07  | 3816894.91          | 1.72149  | (17100908) | 390819.88 |
| 3816873.36 | 1.79092 (17100908)  |          |            |           |
| 390811.70  | 3816851.81          | 1.85599  | (17100908) | 390803.51 |
| 3816830.26 | 1.91227 (17100908)  |          |            |           |
| 390795.32  | 3816808.71          | 1.95809  | (17100908) | 390787.14 |
| 3816787.16 | 2.00430 (17100908)  |          |            |           |
| 390778.95  | 3816765.61          | 2.01468  | (17100908) | 390770.76 |
| 3816744.06 | 1.96757 (17100908)  |          |            |           |
| 390762.58  | 3816722.51          | 1.92682  | (17100908) | 390754.39 |
| 3816700.96 | 1.88360 (17100908)  |          |            |           |
| 390746.20  | 3816679.41          | 1.84090  | (17100908) | 390738.02 |
| 3816657.86 | 1.78804 (17100908)  |          |            |           |
| 390729.83  | 3816636.31          | 1.73607  | (17100908) | 390721.64 |
| 3816614.76 | 1.67774 (17100908)  |          |            |           |
| 390713.45  | 3816593.21          | 1.61442  | (17100908) | 390705.27 |
| 3816571.66 | 1.53217 (17100908)  |          |            |           |
| 390697.08  | 3816550.10          | 1.44805  | (17100908) | 390688.89 |
| 3816528.55 | 1.40107 (18101508)  |          |            |           |
| 390680.71  | 3816507.00          | 1.35592  | (18101508) | 390672.52 |
| 3816485.45 | 1.30603 (18101508)  |          |            |           |
| 390664.33  | 3816463.90          | 1.25184  | (18101508) | 390656.15 |
| 3816442.35 | 1.19378 (18101508)  |          |            |           |
| 390647.96  | 3816420.80          | 1.13255  | (18101508) | 390639.77 |
| 3816399.25 | 1.14671 (16121824)  |          |            |           |
| 390631.58  | 3816377.70          | 1.20706  | (16121824) | 390623.40 |
| 3816356.15 | 1.26403 (16121824)  |          |            |           |
| 390615.21  | 3816334.60          | 1.31748  | (16121824) | 390607.02 |
| 3816313.05 | 1.36575 (16121824)  |          |            |           |
| 390598.84  | 3816291.50          | 1.40689  | (16121824) | 390590.65 |
| 3816269.95 | 1.44081 (16121824)  |          |            |           |
| 390582.46  | 3816248.40          | 1.46683  | (16121824) | 394398.30 |
| 3820205.87 | 13.96392 (19120224) |          |            |           |
| 394421.36  | 3820206.29          | 14.22105 | (19120224) | 394444.42 |
| 3820206.71 | 13.94190 (19120224) |          |            |           |
| 394467.48  | 3820207.13          | 16.31795 | (16092808) | 394490.54 |
| 3820207.55 | 18.59968 (16092808) |          |            |           |
| 394513.59  | 3820207.97          | 20.55956 | (16092808) | 394536.65 |
| 3820208.39 | 22.00628 (16092808) |          |            |           |
| 394559.71  | 3820208.80          | 22.78138 | (16092808) | 393232.86 |
| 3821056.06 | 12.00653 (16022308) |          |            |           |
| 393211.80  | 3821046.79          | 11.60030 | (16022308) | 393190.74 |
| 3821037.52 | 11.01245 (16022308) |          |            |           |
| 393169.68  | 3821028.25          | 10.26639 | (16022308) | 393148.62 |
| 3821018.98 | 10.36972 (20032008) |          |            |           |
| 393127.56  | 3821009.71          | 10.75431 | (20032008) | 393106.50 |
| 3821000.44 | 11.02145 (20032008) |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 393085.44  | 3820991.16 | 11.17864   | (20032008) | 393064.38 |
| 3820981.89 | 11.24033   | (20032008) |            |           |
| 393043.32  | 3820972.62 | 11.22488   | (20032008) | 393022.26 |
| 3820963.35 | 11.15136   | (20032008) |            |           |
| 393001.20  | 3820954.08 | 11.03212   | (20032008) | 392980.14 |
| 3820944.81 | 10.87538   | (20032008) |            |           |
| 392959.08  | 3820935.54 | 10.68115   | (20032008) | 392938.02 |
| 3820926.27 | 10.44290   | (20032008) |            |           |
| 392916.96  | 3820917.00 | 10.15010   | (20032008) | 392895.90 |
| 3820907.73 | 9.79183    | (20032008) |            |           |
| 392874.84  | 3820898.46 | 9.52427    | (18020308) | 392853.78 |
| 3820889.18 | 9.71773    | (20022708) |            |           |
| 392832.72  | 3820879.91 | 10.14824   | (20022708) | 392811.66 |
| 3820870.64 | 10.33071   | (20022708) |            |           |
| 392790.60  | 3820861.37 | 10.25156   | (20022708) | 392769.54 |
| 3820852.10 | 9.91690    | (20022708) |            |           |
| 392622.13  | 3820787.20 | 10.09316   | (20011808) | 392601.07 |
| 3820777.93 | 10.20185   | (20092608) |            |           |
| 392580.01  | 3820768.66 | 10.36626   | (20092608) | 392558.95 |
| 3820759.39 | 10.33864   | (20092608) |            |           |
| 392537.89  | 3820750.12 | 10.12098   | (20092608) | 392516.83 |
| 3820740.85 | 9.83744    | (19120508) |            |           |
| 392495.77  | 3820731.58 | 9.99549    | (19120508) | 392474.71 |
| 3820722.31 | 9.90394    | (19120508) |            |           |
| 392453.65  | 3820713.04 | 9.98745    | (17031324) | 392432.59 |
| 3820703.77 | 10.29865   | (16121408) |            |           |
| 392411.53  | 3820694.50 | 11.69980   | (16121408) | 392390.47 |
| 3820685.22 | 12.98460   | (16121408) |            |           |
| 392369.41  | 3820675.95 | 14.07902   | (16121408) | 392348.35 |
| 3820666.68 | 14.91715   | (16121408) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1221

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |



|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 392327.29  | 3820657.41           | 15.44649  | (16121408) | 392306.23 |
| 3820648.14 | 15.63377 (16121408)  |           |            |           |
| 392285.17  | 3820638.87           | 15.46836  | (16121408) | 392264.11 |
| 3820629.60 | 14.96322 (16121408)  |           |            |           |
| 392243.05  | 3820620.33           | 14.15329  | (16121408) | 392221.99 |
| 3820611.06 | 13.09148 (16121408)  |           |            |           |
| 392200.93  | 3820601.79           | 11.84303  | (16121408) | 392179.87 |
| 3820592.52 | 10.47901 (16121408)  |           |            |           |
| 392158.81  | 3820583.24           | 10.41437c | (20073108) | 392137.75 |
| 3820573.97 | 10.64046c (20073108) |           |            |           |
| 392116.69  | 3820564.70           | 10.81479c | (20073108) | 392095.63 |
| 3820555.43 | 10.92534c (20073108) |           |            |           |
| 392074.57  | 3820546.16           | 10.95470c | (20073108) | 392053.51 |
| 3820536.89 | 10.88295c (20073108) |           |            |           |
| 392032.45  | 3820527.62           | 10.69142c | (20073108) | 392011.39 |
| 3820518.35 | 10.36652c (20073108) |           |            |           |
| 391990.33  | 3820509.08           | 9.96747   | (20111108) | 391969.27 |
| 3820499.81 | 9.60753 (20111108)   |           |            |           |
| 391948.21  | 3820490.54           | 9.04552   | (20111108) | 391927.15 |
| 3820481.26 | 9.35695 (18011724)   |           |            |           |
| 391906.09  | 3820471.99           | 10.34589  | (18011724) | 391885.03 |
| 3820462.72 | 11.22105 (18011724)  |           |            |           |
| 391863.97  | 3820453.45           | 11.94580  | (18011724) | 391842.91 |
| 3820444.18 | 12.49114 (18011724)  |           |            |           |
| 391821.85  | 3820434.91           | 12.83762  | (18011724) | 391800.79 |
| 3820425.64 | 12.97608 (18011724)  |           |            |           |
| 391779.73  | 3820416.37           | 12.90751  | (18011724) | 391758.67 |
| 3820407.10 | 12.64209 (18011724)  |           |            |           |
| 391737.61  | 3820397.83           | 12.19754  | (18011724) | 391716.55 |
| 3820388.56 | 11.59734 (18011724)  |           |            |           |
| 391695.49  | 3820379.28           | 10.86862  | (18011724) | 391674.43 |
| 3820370.01 | 10.04120 (18011724)  |           |            |           |
| 391653.37  | 3820360.74           | 9.14499   | (18011724) | 391632.31 |
| 3820351.47 | 8.20949 (18011724)   |           |            |           |
| 391611.25  | 3820342.20           | 7.66547   | (19082108) | 391590.19 |
| 3820332.93 | 7.77077 (19082108)   |           |            |           |
| 391569.13  | 3820323.66           | 8.28931   | (19062708) | 391548.07 |
| 3820314.39 | 8.69804 (19062708)   |           |            |           |
| 391527.02  | 3820305.12           | 8.93072   | (19062708) | 391505.96 |
| 3820295.85 | 8.97404 (19062708)   |           |            |           |
| 391484.90  | 3820286.58           | 8.82646   | (19062708) | 391463.84 |
| 3820277.31 | 8.49863 (19062708)   |           |            |           |
| 391442.78  | 3820268.03           | 8.01183   | (19062708) | 391421.72 |
| 3820258.76 | 7.57894c (19090108)  |           |            |           |
| 391400.66  | 3820249.49           | 7.63053   | (20010724) | 391379.60 |
| 3820240.22 | 8.03212 (20010724)   |           |            |           |
| 391358.54  | 3820230.95           | 8.28024   | (20010724) | 391337.48 |
| 3820221.68 | 8.36109 (20010724)   |           |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391316.42  | 3820212.41 | 8.69490    | (19120508) | 391295.36 |
| 3820203.14 | 9.09930    | (19120508) |            |           |
| 391274.30  | 3820193.87 | 9.36038    | (19120508) | 391253.24 |
| 3820184.60 | 9.46506    | (19120508) |            |           |
| 391232.18  | 3820175.33 | 9.40878    | (19120508) | 391211.12 |
| 3820166.05 | 9.19575    | (19120508) |            |           |
| 391190.06  | 3820156.78 | 8.83869    | (19120508) | 391169.00 |
| 3820147.51 | 8.35725    | (19120508) |            |           |
| 391147.94  | 3820138.24 | 8.21319    | (17010724) | 391126.88 |
| 3820128.97 | 8.73963    | (17010724) |            |           |
| 391105.82  | 3820119.70 | 9.12154    | (17010724) | 391084.76 |
| 3820110.43 | 9.33715    | (17010724) |            |           |
| 391063.70  | 3820101.16 | 9.37868    | (17010724) | 391042.64 |
| 3820091.89 | 9.24291    | (17010724) |            |           |
| 391021.58  | 3820082.62 | 9.03884    | (18032908) | 391000.52 |
| 3820073.35 | 9.53360    | (18111108) |            |           |
| 390979.46  | 3820064.07 | 10.02216   | (18111108) | 390895.22 |
| 3820026.99 | 10.72840   | (18111108) |            |           |
| 390874.16  | 3820017.72 | 10.58286   | (18111108) | 390853.10 |
| 3820008.45 | 10.31910   | (18111108) |            |           |
| 390832.04  | 3819999.18 | 9.94821    | (18111108) | 390810.98 |
| 3819989.91 | 9.48356    | (18111108) |            |           |
| 390789.92  | 3819980.64 | 8.94017    | (18111108) | 390768.86 |
| 3819971.37 | 8.33411    | (18111108) |            |           |
| 390747.80  | 3819962.09 | 7.68177    | (18111108) | 390726.74 |
| 3819952.82 | 7.84656    | (19111224) |            |           |
| 390705.68  | 3819943.55 | 7.99913    | (19111224) | 390684.62 |
| 3819934.28 | 8.01689    | (19111224) |            |           |
| 390655.39  | 3819903.50 | 7.67015    | (19111224) | 390647.22 |
| 3819881.99 | 7.30718    | (19111224) |            |           |
| 390639.05  | 3819860.48 | 6.82998    | (19111224) | 390630.88 |
| 3819838.97 | 7.08878    | (19112124) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1222

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| -----       |                     |            |            |             |
| 390622.70   | 3819817.46          | 7.73367    | (20022908) | 390614.53   |
| 3819795.95  | 8.98145 (20022908)  |            |            |             |
| 390606.36   | 3819774.44          | 10.24870   | (20022908) | 390598.19   |
| 3819752.93  | 11.49011 (20022908) |            |            |             |
| 390590.02   | 3819731.42          | 12.65558   | (20022908) | 390581.85   |
| 3819709.91  | 13.69336 (20022908) |            |            |             |
| 390573.67   | 3819688.40          | 14.55391   | (20022908) | 390565.50   |
| 3819666.89  | 15.19297 (20022908) |            |            |             |
| 390557.33   | 3819645.38          | 15.57643   | (20022908) | 390549.16   |
| 3819623.87  | 15.68248 (20022908) |            |            |             |
| 390540.99   | 3819602.36          | 15.50386   | (20022908) | 390532.82   |
| 3819580.85  | 15.04863 (20022908) |            |            |             |
| 390524.64   | 3819559.34          | 14.33938   | (20022908) | 390516.47   |
| 3819537.83  | 13.41221 (20022908) |            |            |             |
| 390508.30   | 3819516.32          | 12.31253   | (20022908) | 390500.13   |
| 3819494.81  | 11.09210 (20022908) |            |            |             |
| 390491.96   | 3819473.30          | 9.80479    | (20022908) | 390483.79   |
| 3819451.79  | 8.96502 (16102124)  |            |            |             |
| 390475.61   | 3819430.28          | 9.08848    | (19112108) | 390467.44   |
| 3819408.77  | 9.28577 (19112108)  |            |            |             |
| 390459.27   | 3819387.26          | 9.70687    | (19020208) | 390451.10   |
| 3819365.75  | 10.14816 (19020208) |            |            |             |
| 390442.93   | 3819344.24          | 10.44139   | (19020208) | 390434.76   |
| 3819322.72  | 10.56652 (19020208) |            |            |             |
| 390426.58   | 3819301.21          | 10.51224   | (19020208) | 390418.41   |
| 3819279.70  | 10.27782 (19020208) |            |            |             |
| 390410.24   | 3819258.19          | 9.87285    | (19020208) | 390402.07   |
| 3819236.68  | 9.31669 (19020208)  |            |            |             |
| 390393.90   | 3819215.17          | 9.10189    | (18022808) | 390385.73   |
| 3819193.66  | 8.83979 (18022808)  |            |            |             |
| 390377.55   | 3819172.15          | 8.38956    | (18022808) | 390369.38   |
| 3819150.64  | 7.78511 (18022808)  |            |            |             |
| 390361.21   | 3819129.13          | 7.66022    | (19022324) | 390353.04   |
| 3819107.62  | 7.62151 (19122824)  |            |            |             |
| 390344.87   | 3819086.11          | 7.90022    | (19122824) | 390336.70   |
| 3819064.60  | 8.00630 (19122824)  |            |            |             |
| 390328.52   | 3819043.09          | 7.94278    | (19122824) | 390320.35   |
| 3819021.58  | 7.70176 (19122824)  |            |            |             |
| 390312.18   | 3819000.07          | 7.30562    | (19122824) | 390304.01   |
| 3818978.56  | 7.35568 (18120624)  |            |            |             |
| 390295.84   | 3818957.05          | 7.34239    | (18120624) | 390287.67   |
| 3818935.54  | 7.19970 (18120624)  |            |            |             |
| 390279.49   | 3818914.03          | 6.97922    | (20120624) | 390271.32   |
| 3818892.52  | 7.10228 (20120624)  |            |            |             |
| 390263.15   | 3818871.01          | 6.94419    | (20120624) | 390254.98   |
| 3818849.50  | 6.67095 (20120624)  |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390246.81  | 3818827.99          | 6.51347  | (19010824) | 390238.64 |
| 3818806.48 | 7.33210 (16102924)  |          |            |           |
| 390230.46  | 3818784.97          | 8.30514  | (16102924) | 390222.29 |
| 3818763.46 | 9.19577 (16102924)  |          |            |           |
| 390214.12  | 3818741.95          | 9.98572  | (16102924) | 390205.95 |
| 3818720.44 | 10.58315 (16102924) |          |            |           |
| 390197.78  | 3818698.93          | 10.95455 | (16102924) | 390189.60 |
| 3818677.42 | 11.09534 (16102924) |          |            |           |
| 390181.43  | 3818655.91          | 10.96246 | (16102924) | 390173.26 |
| 3818634.40 | 10.42380 (16102924) |          |            |           |
| 390165.09  | 3818612.89          | 9.83901  | (16102924) | 390156.92 |
| 3818591.38 | 9.16243 (16102924)  |          |            |           |
| 390148.75  | 3818569.87          | 8.31403  | (16102924) | 390140.57 |
| 3818548.36 | 7.28034 (16102924)  |          |            |           |
| 390132.40  | 3818526.85          | 6.31158  | (16102924) | 390124.23 |
| 3818505.34 | 5.69535 (18111708)  |          |            |           |
| 390116.06  | 3818483.83          | 5.06188  | (17031024) | 390107.89 |
| 3818462.32 | 4.78457 (17031024)  |          |            |           |
| 390099.72  | 3818440.81          | 4.47539  | (17031024) | 390091.54 |
| 3818419.30 | 4.15383 (17031024)  |          |            |           |
| 390083.37  | 3818397.79          | 4.05246  | (18121624) | 390075.20 |
| 3818376.28 | 4.03480 (18121624)  |          |            |           |
| 390067.03  | 3818354.77          | 3.90736  | (18121624) | 390058.86 |
| 3818333.26 | 3.73807 (18121624)  |          |            |           |
| 390050.69  | 3818311.75          | 3.74765  | (16122224) | 390042.51 |
| 3818290.24 | 3.71686 (16122224)  |          |            |           |
| 390034.34  | 3818268.72          | 3.61266  | (16122224) | 390026.17 |
| 3818247.21 | 3.45313 (16122224)  |          |            |           |
| 390018.00  | 3818225.70          | 3.34091  | (16012724) | 390009.83 |
| 3818204.19 | 3.35824 (16012724)  |          |            |           |
| 390001.66  | 3818182.68          | 3.30356  | (16012724) | 389993.48 |
| 3818161.17 | 3.32571 (19120508)  |          |            |           |
| 389985.31  | 3818139.66          | 3.44920  | (19120508) | 389977.14 |
| 3818118.15 | 3.51063 (19120508)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1223

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M) |
|----------------------------|-----------------------------------|--------------------|-------------|
| 389968.97                  | 3818096.64                        | 3.50235 (19120508) | 389960.80   |
| 3818075.13                 | 3.42777 (19120508)                |                    |             |
| 389952.63                  | 3818053.62                        | 3.28147 (19120508) | 389944.45   |
| 3818032.11                 | 3.04764 (19120508)                |                    |             |
| 389936.28                  | 3818010.60                        | 2.77697 (19120508) | 389928.11   |
| 3817989.09                 | 2.53335 (19120508)                |                    |             |
| 389919.94                  | 3817967.58                        | 2.47474 (20011508) | 389911.77   |
| 3817946.07                 | 2.43969 (20011508)                |                    |             |
| 389903.60                  | 3817924.56                        | 2.35588 (20011508) | 389895.42   |
| 3817903.05                 | 2.51576 (18031108)                |                    |             |
| 389887.25                  | 3817881.54                        | 2.67301 (18031108) | 389879.08   |
| 3817860.03                 | 2.80849 (18031108)                |                    |             |
| 389870.91                  | 3817838.52                        | 2.92527 (18031108) | 389862.74   |
| 3817817.01                 | 3.02692 (18031108)                |                    |             |
| 389854.57                  | 3817795.50                        | 3.08375 (18031108) | 389846.39   |
| 3817773.99                 | 3.07804 (18031108)                |                    |             |
| 389838.22                  | 3817752.48                        | 3.02726 (18031108) | 389830.05   |
| 3817730.97                 | 2.94440 (18031108)                |                    |             |
| 389821.88                  | 3817709.46                        | 2.83079 (18031108) | 389813.71   |
| 3817687.95                 | 2.70267 (18031108)                |                    |             |
| 389805.54                  | 3817666.44                        | 2.58426 (18031108) | 389797.36   |
| 3817644.93                 | 2.45368 (18031108)                |                    |             |
| 389789.19                  | 3817623.42                        | 2.37932 (17030408) | 389781.02   |
| 3817601.91                 | 2.39558 (17030408)                |                    |             |
| 389772.85                  | 3817580.40                        | 2.37308 (17030408) | 389764.68   |
| 3817558.89                 | 2.31855 (17030408)                |                    |             |
| 389756.51                  | 3817537.38                        | 2.22408 (17030408) | 389748.33   |
| 3817515.87                 | 2.10110 (17030408)                |                    |             |
| 389740.16                  | 3817494.36                        | 1.95696 (17030408) | 389731.99   |
| 3817472.85                 | 1.79907 (17030408)                |                    |             |
| 389723.82                  | 3817451.34                        | 1.63809 (17030408) | 389715.65   |
| 3817429.83                 | 1.47389 (17030408)                |                    |             |
| 389707.48                  | 3817408.32                        | 1.31732 (19031408) | 389699.30   |
| 3817386.81                 | 1.31749 (19101108)                |                    |             |
| 389691.13                  | 3817365.30                        | 1.34435 (19101108) | 389682.96   |
| 3817343.79                 | 1.36443 (19101108)                |                    |             |
| 389674.79                  | 3817322.28                        | 1.37175 (19101108) | 389666.62   |
| 3817300.77                 | 1.37422 (19101108)                |                    |             |
| 389658.45                  | 3817279.26                        | 1.37360 (19100424) | 389650.27   |
| 3817257.75                 | 1.40205 (19100424)                |                    |             |
| 389642.10                  | 3817236.23                        | 1.40150 (19100424) | 389633.93   |
| 3817214.72                 | 1.38161 (19100424)                |                    |             |
| 389625.76                  | 3817193.21                        | 1.34525 (19100424) | 389617.59   |
| 3817171.70                 | 1.30634 (19100424)                |                    |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 389609.42  | 3817150.19 | 1.25880    | (19100424) | 389601.24 |
| 3817128.68 | 1.20066    | (19100424) |            |           |
| 389593.07  | 3817107.17 | 1.17577    | (17100908) | 389584.90 |
| 3817085.66 | 1.22791    | (17100908) |            |           |
| 389576.73  | 3817064.15 | 1.27765    | (17100908) | 389568.56 |
| 3817042.64 | 1.32357    | (17100908) |            |           |
| 389560.38  | 3817021.13 | 1.36447    | (17100908) | 389552.21 |
| 3816999.62 | 1.40051    | (17100908) |            |           |
| 389544.04  | 3816978.11 | 1.43138    | (17100908) | 389535.87 |
| 3816956.60 | 1.45710    | (17100908) |            |           |
| 389527.70  | 3816935.09 | 1.47611    | (17100908) | 389519.53 |
| 3816913.58 | 1.48754    | (17100908) |            |           |
| 389511.35  | 3816892.07 | 1.49484    | (17100908) | 389503.18 |
| 3816870.56 | 1.49394    | (17100908) |            |           |
| 389495.01  | 3816849.05 | 1.48531    | (17100908) | 389486.84 |
| 3816827.54 | 1.47171    | (17100908) |            |           |
| 389478.67  | 3816806.03 | 1.45231    | (17100908) | 389470.50 |
| 3816784.52 | 1.42634    | (17100908) |            |           |
| 389462.32  | 3816763.01 | 1.39447    | (17100908) | 389454.15 |
| 3816741.50 | 1.35759    | (17100908) |            |           |
| 389445.98  | 3816719.99 | 1.31619    | (17100908) | 389437.81 |
| 3816698.48 | 1.27224    | (17100908) |            |           |
| 389429.64  | 3816676.97 | 1.22706    | (17100908) | 389421.47 |
| 3816655.46 | 1.17840    | (17100908) |            |           |
| 389413.29  | 3816633.95 | 1.12613    | (17100908) | 389405.12 |
| 3816612.44 | 1.07356    | (17100908) |            |           |
| 389396.95  | 3816590.93 | 1.02593    | (18101508) | 389388.78 |
| 3816569.42 | 1.00173    | (18101508) |            |           |
| 389380.61  | 3816547.91 | 0.97549    | (18101508) | 389372.44 |
| 3816526.40 | 0.94774    | (18101508) |            |           |
| 389364.26  | 3816504.89 | 0.91862    | (18101508) | 389356.09 |
| 3816483.38 | 0.88667    | (18101508) |            |           |
| 389347.92  | 3816461.87 | 0.85596    | (18101508) | 389339.75 |
| 3816440.36 | 0.82580    | (18101508) |            |           |
| 389331.58  | 3816418.85 | 0.79604    | (18101508) | 389323.41 |
| 3816397.34 | 0.80567    | (16121824) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1224

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | CONC<br>(YYMMDDHH) | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|--------------------|------------|-------------|
| 389315.23   | 3816375.83  | 0.84125             | (16121824)         |            | 389307.06   |
| 3816354.32  | 0.87673     | (16121824)          |                    |            |             |
| 389298.89   | 3816332.81  | 0.91085             | (16121824)         |            | 389290.72   |
| 3816311.30  | 0.93653     | (16121824)          |                    |            |             |
| 389282.55   | 3816289.79  | 0.96188             | (16121824)         |            | 389274.38   |
| 3816268.28  | 0.99283     | (16121824)          |                    |            |             |
| 389266.20   | 3816246.77  | 1.02189             | (16121824)         |            | 389258.03   |
| 3816225.26  | 1.04060     | (16121824)          |                    |            |             |
| 389249.86   | 3816203.75  | 1.05931             | (16121824)         |            | 394397.14   |
| 3821539.40  | 14.47671    | (16092808)          |                    |            |             |
| 394420.20   | 3821539.82  | 15.15670            | (16092808)         |            | 394443.26   |
| 3821540.24  | 15.56193    | (16092808)          |                    |            |             |
| 394466.32   | 3821540.66  | 15.66345            | (16092808)         |            | 394489.37   |
| 3821541.08  | 15.45099    | (16092808)          |                    |            |             |
| 394512.43   | 3821541.50  | 14.93359            | (16092808)         |            | 394535.49   |
| 3821541.92  | 14.13942    | (16092808)          |                    |            |             |
| 393083.63   | 3822334.14  | 11.16860            | (20032208)         |            | 393062.59   |
| 3822324.88  | 11.01887    | (20032208)          |                    |            |             |
| 393041.55   | 3822315.62  | 10.76641            | (20032208)         |            | 393020.52   |
| 3822306.36  | 10.61093    | (19122408)          |                    |            |             |
| 392999.48   | 3822297.10  | 10.43347            | (19122408)         |            | 392978.44   |
| 3822287.84  | 10.13862    | (19122408)          |                    |            |             |
| 392957.41   | 3822278.58  | 9.73253             | (19122408)         |            | 392936.37   |
| 3822269.32  | 9.22504     | (19122408)          |                    |            |             |
| 392915.33   | 3822260.06  | 8.80867             | (16022308)         |            | 392894.30   |
| 3822250.79  | 9.01165     | (16022308)          |                    |            |             |
| 392873.26   | 3822241.53  | 9.12297             | (16022308)         |            | 392852.22   |
| 3822232.27  | 9.13796     | (16022308)          |                    |            |             |
| 392831.19   | 3822223.01  | 9.05453             | (16022308)         |            | 392810.15   |
| 3822213.75  | 8.87313     | (16022308)          |                    |            |             |
| 392789.11   | 3822204.49  | 8.59720             | (16022308)         |            | 392768.08   |
| 3822195.23  | 8.23333     | (16022308)          |                    |            |             |
| 392747.04   | 3822185.97  | 7.79051             | (16022308)         |            | 392726.01   |
| 3822176.71  | 7.56256m    | (20100708)          |                    |            |             |
| 392704.97   | 3822167.45  | 7.80306             | (20032008)         |            | 392683.93   |
| 3822158.19  | 8.00951     | (20032008)          |                    |            |             |
| 392662.90   | 3822148.93  | 8.15657             | (20032008)         |            | 392641.86   |
| 3822139.67  | 8.24825     | (20032008)          |                    |            |             |
| 392620.82   | 3822130.41  | 8.29097             | (20032008)         |            | 392599.79   |
| 3822121.15  | 8.29291     | (20032008)          |                    |            |             |
| 392578.75   | 3822111.88  | 8.26268             | (20032008)         |            | 392557.71   |
| 3822102.62  | 8.20871     | (20032008)          |                    |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392536.68  | 3822093.36          | 8.13655  | (20032008) | 392515.64 |
| 3822084.10 | 8.05004 (20032008)  |          |            |           |
| 392494.60  | 3822074.84          | 7.95016  | (20032008) | 392473.57 |
| 3822065.58 | 7.83507 (20032008)  |          |            |           |
| 392452.53  | 3822056.32          | 7.70054  | (20032008) | 392431.49 |
| 3822047.06 | 7.54115 (20032008)  |          |            |           |
| 392410.46  | 3822037.80          | 7.35123  | (20032008) | 392389.42 |
| 3822028.54 | 7.12574 (20032008)  |          |            |           |
| 392368.38  | 3822019.28          | 7.02985  | (18020308) | 392347.35 |
| 3822010.02 | 7.29950 (20022708)  |          |            |           |
| 392326.31  | 3822000.76          | 7.59717  | (20022708) | 392305.27 |
| 3821991.50 | 7.77299 (20022708)  |          |            |           |
| 392284.24  | 3821982.23          | 7.81820  | (20022708) | 392263.20 |
| 3821972.97 | 7.73055 (20022708)  |          |            |           |
| 392242.16  | 3821963.71          | 7.51452  | (20022708) | 392221.13 |
| 3821954.45 | 7.18113 (20022708)  |          |            |           |
| 392200.09  | 3821945.19          | 6.74639  | (20022708) | 392179.05 |
| 3821935.93 | 6.73887 (20011808)  |          |            |           |
| 392158.02  | 3821926.67          | 7.17306  | (20011808) | 392136.98 |
| 3821917.41 | 7.50635 (20011808)  |          |            |           |
| 392115.94  | 3821908.15          | 7.72249  | (20011808) | 392094.91 |
| 3821898.89 | 7.81085 (20011808)  |          |            |           |
| 392073.87  | 3821889.63          | 7.76716  | (20011808) | 392052.83 |
| 3821880.37 | 7.59374 (20011808)  |          |            |           |
| 392031.80  | 3821871.11          | 7.57633  | (20092608) | 392010.76 |
| 3821861.85 | 7.74824 (19120108)  |          |            |           |
| 391863.50  | 3821797.02          | 7.42690  | (19120508) | 391842.47 |
| 3821787.76 | 7.55659 (17031324)  |          |            |           |
| 391821.43  | 3821778.50          | 7.75173  | (17031324) | 391800.39 |
| 3821769.24 | 8.38837 (16121408)  |          |            |           |
| 391779.36  | 3821759.98          | 9.22087  | (16121408) | 391758.32 |
| 3821750.72 | 9.97982 (16121408)  |          |            |           |
| 391737.28  | 3821741.46          | 10.63527 | (16121408) | 391716.25 |
| 3821732.20 | 11.16038 (16121408) |          |            |           |
| 391695.21  | 3821722.94          | 11.53356 | (16121408) | 391674.17 |
| 3821713.67 | 11.73893 (16121408) |          |            |           |
| 391653.14  | 3821704.41          | 11.76801 | (16121408) | 391632.10 |
| 3821695.15 | 11.62040 (16121408) |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1225

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 391611.06   | 3821685.89  | 11.30346       | (16121408) | 391590.03          |  |
| 3821676.63  | 10.83203    | (16121408)     |            |                    |  |
| 391568.99   | 3821667.37  | 10.22656       | (16121408) | 391547.95          |  |
| 3821658.11  | 9.51263     | (16121408)     |            |                    |  |
| 391526.92   | 3821648.85  | 8.71890        | (16121408) | 391505.88          |  |
| 3821639.59  | 7.87418     | (16121408)     |            |                    |  |
| 391484.84   | 3821630.33  | 7.64090        | (17091024) | 391463.81          |  |
| 3821621.07  | 7.77459c    | (20073108)     |            |                    |  |
| 391442.77   | 3821611.81  | 7.90270c       | (20073108) | 391421.73          |  |
| 3821602.55  | 8.00890c    | (20073108)     |            |                    |  |
| 391400.70   | 3821593.29  | 8.08749c       | (20073108) | 391379.66          |  |
| 3821584.02  | 8.13078c    | (20073108)     |            |                    |  |
| 391358.62   | 3821574.76  | 8.12973c       | (20073108) | 391337.59          |  |
| 3821565.50  | 8.07528c    | (20073108)     |            |                    |  |
| 391316.55   | 3821556.24  | 7.95929c       | (20073108) | 391295.51          |  |
| 3821546.98  | 7.77576c    | (20073108)     |            |                    |  |
| 391274.48   | 3821537.72  | 7.58794        | (20111108) | 391253.44          |  |
| 3821528.46  | 7.42073     | (20111108)     |            |                    |  |
| 391232.40   | 3821519.20  | 7.14365        | (20111108) | 391211.37          |  |
| 3821509.94  | 6.76989     | (20111108)     |            |                    |  |
| 391190.33   | 3821500.68  | 6.84777        | (18011724) | 391169.29          |  |
| 3821491.42  | 7.46904     | (18011724)     |            |                    |  |
| 391148.26   | 3821482.16  | 8.04088        | (18011724) | 391127.22          |  |
| 3821472.90  | 8.54767     | (18011724)     |            |                    |  |
| 391106.19   | 3821463.64  | 8.97517        | (18011724) | 391085.15          |  |
| 3821454.37  | 9.31268     | (18011724)     |            |                    |  |
| 391064.11   | 3821445.11  | 9.55198        | (18011724) | 391043.08          |  |
| 3821435.85  | 9.68880     | (18011724)     |            |                    |  |
| 391022.04   | 3821426.59  | 9.72225        | (18011724) | 391001.00          |  |
| 3821417.33  | 9.65454     | (18011724)     |            |                    |  |
| 390979.97   | 3821408.07  | 9.49081        | (18011724) | 390958.93          |  |
| 3821398.81  | 9.23833     | (18011724)     |            |                    |  |
| 390937.89   | 3821389.55  | 8.90638        | (18011724) | 390916.86          |  |
| 3821380.29  | 8.50563     | (18011724)     |            |                    |  |
| 390895.82   | 3821371.03  | 8.04711        | (18011724) | 390874.78          |  |
| 3821361.77  | 7.54273     | (18011724)     |            |                    |  |
| 390853.75   | 3821352.51  | 7.00449        | (18011724) | 390832.71          |  |
| 3821343.25  | 6.44363     | (18011724)     |            |                    |  |
| 390811.67   | 3821333.99  | 5.87146        | (18011724) | 390790.64          |  |
| 3821324.73  | 5.76061     | (19082108)     |            |                    |  |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 390769.60  | 3821315.46          | 5.83018  | (19082108) | 390748.56 |
| 3821306.20 | 6.09081 (19062708)  |          |            |           |
| 390727.53  | 3821296.94          | 6.39533  | (19062708) | 390706.49 |
| 3821287.68 | 6.61785 (19062708)  |          |            |           |
| 390685.45  | 3821278.42          | 6.74940  | (19062708) | 390664.42 |
| 3821269.16 | 6.78489 (19062708)  |          |            |           |
| 390643.38  | 3821259.90          | 6.72337  | (19062708) | 390622.34 |
| 3821250.64 | 6.56798 (19062708)  |          |            |           |
| 390601.31  | 3821241.38          | 6.32585  | (19062708) | 390580.27 |
| 3821232.12 | 6.00719 (19062708)  |          |            |           |
| 390559.23  | 3821222.86          | 5.69691c | (19090108) | 390538.20 |
| 3821213.60 | 5.65674c (19090108) |          |            |           |
| 390517.16  | 3821204.34          | 5.88094  | (20010724) | 390496.12 |
| 3821195.08 | 6.10448 (20010724)  |          |            |           |
| 390475.09  | 3821185.81          | 6.24877  | (20010724) | 390454.05 |
| 3821176.55 | 6.30843 (20010724)  |          |            |           |
| 390433.01  | 3821167.29          | 6.33676  | (19120508) | 390411.98 |
| 3821158.03 | 6.62907 (19120508)  |          |            |           |
| 390390.94  | 3821148.77          | 6.85573  | (19120508) | 390369.90 |
| 3821139.51 | 7.00890 (19120508)  |          |            |           |
| 390348.87  | 3821130.25          | 7.08342  | (19120508) | 390327.83 |
| 3821120.99 | 7.07706 (19120508)  |          |            |           |
| 390306.79  | 3821111.73          | 6.99051  | (19120508) | 390285.76 |
| 3821102.47 | 6.82749 (19120508)  |          |            |           |
| 390264.72  | 3821093.21          | 6.59416  | (19120508) | 390243.68 |
| 3821083.95 | 6.29914 (19120508)  |          |            |           |
| 390222.65  | 3821074.69          | 5.97345  | (17010724) | 390201.61 |
| 3821065.43 | 6.34415 (17010724)  |          |            |           |
| 390180.57  | 3821056.17          | 6.65070  | (17010724) | 390159.54 |
| 3821046.90 | 6.88095 (17010724)  |          |            |           |
| 390138.50  | 3821037.64          | 7.02956  | (17010724) | 390117.46 |
| 3821028.38 | 7.08956 (17010724)  |          |            |           |
| 390096.43  | 3821019.12          | 7.05930  | (17010724) | 390075.39 |
| 3821009.86 | 6.94053 (17010724)  |          |            |           |
| 390054.35  | 3821000.60          | 6.73831  | (17010724) | 390033.32 |
| 3820991.34 | 7.01593 (18111108)  |          |            |           |
| 389949.17  | 3820954.30          | 7.93668  | (18111108) | 389928.13 |
| 3820945.04 | 8.01074 (18111108)  |          |            |           |
| 389907.10  | 3820935.78          | 8.02046  | (18111108) | 389886.06 |
| 3820926.52 | 7.96736 (18111108)  |          |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1226

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |             |
|-------------|---------------------|----------------|------------|--------------------|-------------|
| **          |                     |                |            |                    |             |
| X-COORD (M) | Y-COORD (M)         | CONC           | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC                | (YYMMDDHH)     |            |                    |             |
| -----       |                     |                |            |                    |             |
| -----       |                     |                |            |                    |             |
| 389865.02   | 3820917.25          | 7.85414        | (18111108) |                    | 389843.99   |
| 3820907.99  | 7.68468 (18111108)  |                |            |                    |             |
| 389822.95   | 3820898.73          | 7.46342        | (18111108) |                    | 389801.91   |
| 3820889.47  | 7.19566 (18111108)  |                |            |                    |             |
| 389780.88   | 3820880.21          | 6.88724        | (18111108) |                    | 389759.84   |
| 3820870.95  | 6.54406 (18111108)  |                |            |                    |             |
| 389738.80   | 3820861.69          | 6.17258        | (18111108) |                    | 389717.77   |
| 3820852.43  | 5.80968 (18070508)  |                |            |                    |             |
| 389688.57   | 3820821.68          | 5.99574        | (19111224) |                    | 389680.41   |
| 3820800.20  | 6.08848 (19111224)  |                |            |                    |             |
| 389672.24   | 3820778.71          | 6.10489        | (19111224) |                    | 389664.08   |
| 3820757.22  | 6.04386 (19111224)  |                |            |                    |             |
| 389655.92   | 3820735.74          | 5.90731        | (19111224) |                    | 389647.76   |
| 3820714.25  | 5.69987 (19111224)  |                |            |                    |             |
| 389639.59   | 3820692.76          | 5.42876        | (19111224) |                    | 389631.43   |
| 3820671.28  | 5.10372 (19111224)  |                |            |                    |             |
| 389623.27   | 3820649.79          | 5.38785        | (19112124) |                    | 389615.10   |
| 3820628.30  | 5.67876 (19112124)  |                |            |                    |             |
| 389606.94   | 3820606.82          | 6.32297        | (20022908) |                    | 389598.78   |
| 3820585.33  | 7.11656 (20022908)  |                |            |                    |             |
| 389590.62   | 3820563.84          | 7.91428        | (20022908) |                    | 389582.45   |
| 3820542.36  | 8.69613 (20022908)  |                |            |                    |             |
| 389574.29   | 3820520.87          | 9.44077        | (20022908) |                    | 389566.13   |
| 3820499.38  | 10.12592 (20022908) |                |            |                    |             |
| 389557.97   | 3820477.90          | 10.72955       | (20022908) |                    | 389549.80   |
| 3820456.41  | 11.23191 (20022908) |                |            |                    |             |
| 389541.64   | 3820434.93          | 11.61468       | (20022908) |                    | 389533.48   |
| 3820413.44  | 11.86419 (20022908) |                |            |                    |             |
| 389525.31   | 3820391.95          | 11.97064       | (20022908) |                    | 389517.15   |
| 3820370.47  | 11.92954 (20022908) |                |            |                    |             |
| 389508.99   | 3820348.98          | 11.74174       | (20022908) |                    | 389500.83   |
| 3820327.49  | 11.41346 (20022908) |                |            |                    |             |
| 389492.66   | 3820306.01          | 10.95600       | (20022908) |                    | 389484.50   |
| 3820284.52  | 10.38501 (20022908) |                |            |                    |             |
| 389476.34   | 3820263.03          | 9.71968        | (20022908) |                    | 389468.18   |
| 3820241.55  | 8.98191 (20022908)  |                |            |                    |             |
| 389460.01   | 3820220.06          | 8.19384        | (20022908) |                    | 389451.85   |
| 3820198.57  | 7.37917 (20022908)  |                |            |                    |             |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 389443.69  | 3820177.09          | 6.91827 | (16102124) | 389435.53 |
| 3820155.60 | 6.84284 (19112108)  |         |            |           |
| 389427.36  | 3820134.11          | 7.03254 | (19112108) | 389419.20 |
| 3820112.63 | 7.12568 (19112108)  |         |            |           |
| 389411.04  | 3820091.14          | 7.32124 | (19020208) | 389402.87 |
| 3820069.65 | 7.61441 (19020208)  |         |            |           |
| 389394.71  | 3820048.17          | 7.83391 | (19020208) | 389386.55 |
| 3820026.68 | 7.97014 (19020208)  |         |            |           |
| 389378.39  | 3820005.19          | 8.01606 | (19020208) | 389370.22 |
| 3819983.71 | 7.96814 (19020208)  |         |            |           |
| 389362.06  | 3819962.22          | 7.82660 | (19020208) | 389353.90 |
| 3819940.74 | 7.59543 (19020208)  |         |            |           |
| 389345.74  | 3819919.25          | 7.61304 | (18022808) | 389337.57 |
| 3819897.76 | 7.72063 (18022808)  |         |            |           |
| 389329.41  | 3819876.28          | 7.72352 | (18022808) | 389321.25 |
| 3819854.79 | 7.62081 (18022808)  |         |            |           |
| 389313.08  | 3819833.30          | 7.41610 | (18022808) | 389304.92 |
| 3819811.82 | 7.11771 (18022808)  |         |            |           |
| 389296.76  | 3819790.33          | 6.73723 | (18022808) | 389288.60 |
| 3819768.84 | 6.28964 (18022808)  |         |            |           |
| 389280.43  | 3819747.36          | 6.55572 | (19122824) | 389272.27 |
| 3819725.87 | 6.87477 (19122824)  |         |            |           |
| 389264.11  | 3819704.38          | 7.10257 | (19122824) | 389255.95 |
| 3819682.90 | 7.22885 (19122824)  |         |            |           |
| 389247.78  | 3819661.41          | 7.24781 | (19122824) | 389239.62 |
| 3819639.92 | 7.15819 (19122824)  |         |            |           |
| 389231.46  | 3819618.44          | 6.96379 | (19122824) | 389223.30 |
| 3819596.95 | 6.87200 (18120624)  |         |            |           |
| 389215.13  | 3819575.46          | 6.99382 | (18120624) | 389206.97 |
| 3819553.98 | 7.01059 (18120624)  |         |            |           |
| 389198.81  | 3819532.49          | 6.92132 | (18120624) | 389190.64 |
| 3819511.00 | 6.72966 (18120624)  |         |            |           |
| 389182.48  | 3819489.52          | 6.94720 | (20120624) | 389174.32 |
| 3819468.03 | 7.06704 (20120624)  |         |            |           |
| 389166.16  | 3819446.55          | 7.07966 | (20120624) | 389157.99 |
| 3819425.06 | 6.98422 (20120624)  |         |            |           |
| 389149.83  | 3819403.57          | 6.95051 | (19010824) | 389141.67 |
| 3819382.09 | 7.29097 (16102924)  |         |            |           |
| 389133.51  | 3819360.60          | 8.18941 | (16102924) | 389125.34 |
| 3819339.11 | 9.06939 (16102924)  |         |            |           |
| 389117.18  | 3819317.63          | 9.90227 | (16102924) | 389109.02 |
| 3819296.14 | 10.66019 (16102924) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 389100.86   | 3819274.65  | 11.31497   | (16102924) | 389092.69   |
| 3819253.17  | 11.84123    | (16102924) |            |             |
| 389084.53   | 3819231.68  | 12.21810   | (16102924) | 389076.37   |
| 3819210.19  | 12.42986    | (16102924) |            |             |
| 389068.20   | 3819188.71  | 12.46752   | (16102924) | 389060.04   |
| 3819167.22  | 12.32941    | (16102924) |            |             |
| 389051.88   | 3819145.73  | 12.02109   | (16102924) | 389043.72   |
| 3819124.25  | 11.55536    | (16102924) |            |             |
| 389035.55   | 3819102.76  | 10.95045   | (16102924) | 389027.39   |
| 3819081.27  | 10.23040    | (16102924) |            |             |
| 389019.23   | 3819059.79  | 9.42241    | (16102924) | 389011.07   |
| 3819038.30  | 8.55454     | (16102924) |            |             |
| 389002.90   | 3819016.81  | 7.65566    | (16102924) | 388994.74   |
| 3818995.33  | 6.75370     | (16102924) |            |             |
| 388986.58   | 3818973.84  | 5.92489    | (17031024) | 388978.41   |
| 3818952.36  | 5.88601     | (17090908) |            |             |
| 388970.25   | 3818930.87  | 5.94627    | (17090908) | 388962.09   |
| 3818909.38  | 5.91307     | (17090908) |            |             |
| 388953.93   | 3818887.90  | 5.85830    | (18121624) | 388945.76   |
| 3818866.41  | 6.09645     | (18121624) |            |             |
| 388937.60   | 3818844.92  | 6.24473    | (18121624) | 388929.44   |
| 3818823.44  | 6.29624     | (18121624) |            |             |
| 388921.28   | 3818801.95  | 6.52448    | (16122224) | 388913.11   |
| 3818780.46  | 6.88437     | (16122224) |            |             |
| 388904.95   | 3818758.98  | 7.14983    | (16122224) | 388896.79   |
| 3818737.49  | 7.30900     | (16122224) |            |             |
| 388888.63   | 3818716.00  | 7.35430    | (16122224) | 388880.46   |
| 3818694.52  | 7.28361     | (16122224) |            |             |
| 388872.30   | 3818673.03  | 7.10025    | (16122224) | 388864.14   |
| 3818651.54  | 6.91164     | (18121524) |            |             |
| 388855.97   | 3818630.06  | 7.05093    | (18121524) | 388847.81   |
| 3818608.57  | 7.08005     | (18121524) |            |             |
| 388839.65   | 3818587.08  | 6.99759    | (18121524) | 388831.49   |
| 3818565.60  | 6.94710     | (17013024) |            |             |
| 388823.32   | 3818544.11  | 7.18562    | (17013024) | 388815.16   |
| 3818522.62  | 7.31555     | (17013024) |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388447.84   | 3817555.73         | 1.22685    | (19100424) | 388439.68   |
| 3817534.25  | 1.26745 (19100424) |            |            |             |
| 388431.51   | 3817512.76         | 1.30084    | (19100424) | 388423.35   |
| 3817491.27  | 1.33111 (19100424) |            |            |             |
| 388415.19   | 3817469.79         | 1.35326    | (19100424) | 388407.03   |
| 3817448.30  | 1.35928 (19100424) |            |            |             |
| 388398.86   | 3817426.81         | 1.33941    | (19100424) | 388390.70   |
| 3817405.33  | 1.33272 (19100424) |            |            |             |
| 388382.54   | 3817383.84         | 1.32891    | (19100424) | 388374.38   |
| 3817362.35  | 1.32077 (19100424) |            |            |             |
| 388366.21   | 3817340.87         | 1.30392    | (19100424) | 388358.05   |
| 3817319.38  | 1.27430 (19100424) |            |            |             |
| 388349.89   | 3817297.89         | 1.23005    | (19100424) | 388341.72   |
| 3817276.41  | 1.16010 (19100424) |            |            |             |
| 388333.56   | 3817254.92         | 1.07152    | (19100424) | 388325.40   |
| 3817233.43  | 0.98826 (17100908) |            |            |             |
| 388317.24   | 3817211.95         | 1.01337    | (17100908) | 388309.07   |
| 3817190.46  | 1.05016 (17100908) |            |            |             |
| 388300.91   | 3817168.97         | 1.09018    | (17100908) | 388292.75   |
| 3817147.49  | 1.12406 (17100908) |            |            |             |
| 388284.59   | 3817126.00         | 1.15519    | (17100908) | 388276.42   |
| 3817104.51  | 1.18549 (17100908) |            |            |             |
| 388268.26   | 3817083.03         | 1.21601    | (17100908) | 388260.10   |
| 3817061.54  | 1.25971 (17100908) |            |            |             |
| 388251.94   | 3817040.06         | 1.29667    | (17100908) | 388243.77   |
| 3817018.57  | 1.32091 (17100908) |            |            |             |
| 388235.61   | 3816997.08         | 1.34431    | (17100908) | 388227.45   |
| 3816975.60  | 1.38725 (17100908) |            |            |             |
| 388219.28   | 3816954.11         | 1.45355    | (18111708) | 388211.12   |
| 3816932.62  | 1.78094 (18111708) |            |            |             |
| 388202.96   | 3816911.14         | 1.81798    | (18111708) | 388194.80   |
| 3816889.65  | 1.69988 (18111708) |            |            |             |
| 388186.63   | 3816868.16         | 1.59186    | (18111708) | 388178.47   |
| 3816846.68  | 1.86815 (18111708) |            |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392802.44   | 3823554.13  | 8.60824    | (20032208) | 392781.34   |
| 3823544.84  | 8.73678     | (20032208) |            |             |
| 392760.24   | 3823535.56  | 8.80637    | (20032208) | 392739.14   |
| 3823526.27  | 8.81592     | (20032208) |            |             |
| 392718.04   | 3823516.98  | 8.76535    | (20032208) | 392696.94   |
| 3823507.69  | 8.65565     | (20032208) |            |             |
| 392675.84   | 3823498.40  | 8.48876    | (20032208) | 392654.74   |
| 3823489.11  | 8.40068     | (19122408) |            |             |
| 392633.63   | 3823479.82  | 8.31479    | (19122408) | 392612.53   |
| 3823470.53  | 8.16145     | (19122408) |            |             |
| 392591.43   | 3823461.24  | 7.94219    | (19122408) | 392570.33   |
| 3823451.95  | 7.66038     | (19122408) |            |             |
| 392549.23   | 3823442.66  | 7.32110    | (19122408) | 392528.13   |
| 3823433.38  | 6.93112     | (19122408) |            |             |
| 392507.03   | 3823424.09  | 7.03003    | (16022308) | 392485.93   |
| 3823414.80  | 7.13869     | (16022308) |            |             |
| 392464.82   | 3823405.51  | 7.19493    | (16022308) | 392443.72   |
| 3823396.22  | 7.19680     | (16022308) |            |             |
| 392422.62   | 3823386.93  | 7.14336    | (16022308) | 392401.52   |
| 3823377.64  | 7.03472     | (16022308) |            |             |
| 392380.42   | 3823368.35  | 6.87211    | (16022308) | 392359.32   |
| 3823359.06  | 6.65795     | (16022308) |            |             |
| 392338.22   | 3823349.77  | 6.39589    | (16022308) | 392317.12   |
| 3823340.48  | 6.09071     | (16022308) |            |             |
| 392296.01   | 3823331.19  | 5.94913m   | (20100708) | 392274.91   |
| 3823321.91  | 6.09244m    | (20100708) |            |             |
| 392253.81   | 3823312.62  | 6.21458    | (20032008) | 392232.71   |
| 3823303.33  | 6.32626     | (20032008) |            |             |
| 392211.61   | 3823294.04  | 6.40435    | (20032008) | 392190.51   |
| 3823284.75  | 6.45153     | (20032008) |            |             |
| 392169.41   | 3823275.46  | 6.47152    | (20032008) | 392148.31   |
| 3823266.17  | 6.46872     | (20032008) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392127.20  | 3823256.88         | 6.44774 | (20032008) | 392106.10 |
| 3823247.59 | 6.41303 (20032008) |         |            |           |
| 392085.00  | 3823238.30         | 6.36834 | (20032008) | 392063.90 |
| 3823229.01 | 6.31697 (20032008) |         |            |           |
| 392042.80  | 3823219.72         | 6.25970 | (20032008) | 392021.70 |
| 3823210.44 | 6.19717 (20032008) |         |            |           |
| 392000.60  | 3823201.15         | 6.12840 | (20032008) | 391979.50 |
| 3823191.86 | 6.05131 (20032008) |         |            |           |
| 391958.39  | 3823182.57         | 5.96298 | (20032008) | 391937.29 |
| 3823173.28 | 5.86023 (20032008) |         |            |           |
| 391916.19  | 3823163.99         | 5.73977 | (20032008) | 391895.09 |
| 3823154.70 | 5.59882 (20032008) |         |            |           |
| 391873.99  | 3823145.41         | 5.51813 | (18020308) | 391852.89 |
| 3823136.12 | 5.62546 (20022708) |         |            |           |
| 391831.79  | 3823126.83         | 5.87775 | (20022708) | 391810.68 |
| 3823117.54 | 6.06565 (20022708) |         |            |           |
| 391789.58  | 3823108.25         | 6.18226 | (20022708) | 391768.48 |
| 3823098.97 | 6.22342 (20022708) |         |            |           |
| 391747.38  | 3823089.68         | 6.18767 | (20022708) | 391726.28 |
| 3823080.39 | 6.07633 (20022708) |         |            |           |
| 391705.18  | 3823071.10         | 5.89351 | (20022708) | 391684.08 |
| 3823061.81 | 5.64581 (20022708) |         |            |           |
| 391662.98  | 3823052.52         | 5.34196 | (20022708) | 391641.87 |
| 3823043.23 | 5.27563 (18032008) |         |            |           |
| 391620.77  | 3823033.94         | 5.57526 | (20011808) | 391599.67 |
| 3823024.65 | 5.83618 (20011808) |         |            |           |
| 391578.57  | 3823015.36         | 6.03417 | (20011808) | 391557.47 |
| 3823006.07 | 6.16222 (20011808) |         |            |           |
| 391536.37  | 3822996.78         | 6.21574 | (20011808) | 391515.27 |
| 3822987.50 | 6.19284 (20011808) |         |            |           |
| 391494.17  | 3822978.21         | 6.09443 | (20011808) | 391473.06 |
| 3822968.92 | 5.92410 (20011808) |         |            |           |
| 391451.96  | 3822959.63         | 6.08230 | (19120108) | 391430.86 |
| 3822950.34 | 6.18016 (19120108) |         |            |           |
| 391409.76  | 3822941.05         | 6.20285 | (19120108) | 391388.66 |
| 3822931.76 | 6.14963 (19120108) |         |            |           |
| 391367.56  | 3822922.47         | 6.02254 | (19120108) | 391346.46 |
| 3822913.18 | 5.82626 (19120108) |         |            |           |
| 391325.36  | 3822903.89         | 5.94511 | (19120508) | 391304.25 |
| 3822894.60 | 6.01166 (19120508) |         |            |           |
| 391283.15  | 3822885.32         | 6.00505 | (19120508) | 391262.05 |
| 3822876.03 | 5.92570 (19120508) |         |            |           |
| 391093.24  | 3822801.71         | 8.66312 | (16121408) | 391072.14 |
| 3822792.42 | 8.97570 (16121408) |         |            |           |
| 391051.04  | 3822783.13         | 9.19717 | (16121408) | 391029.94 |
| 3822773.85 | 9.32076 (16121408) |         |            |           |
| 391008.84  | 3822764.56         | 9.34294 | (16121408) | 390987.74 |
| 3822755.27 | 9.26337 (16121408) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1230

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC (YYMMDDHH)     | X-COORD (M) |
|----------------------------|--------------------------------|---------------------|-------------|
| 390966.63                  | 3822745.98                     | 9.08492 (16121408)  | 390945.53   |
| 3822736.69                 | 8.81385 (16121408)             |                     |             |
| 390924.43                  | 3822727.40                     | 8.45895 (16121408)  | 390903.33   |
| 3822718.11                 | 8.03137 (16121408)             |                     |             |
| 390882.23                  | 3822708.82                     | 7.54399 (16121408)  | 390861.13   |
| 3822699.53                 | 7.01073 (16121408)             |                     |             |
| 390840.03                  | 3822690.24                     | 6.44601 (16121408)  | 390818.93   |
| 3822680.95                 | 6.06902 (17091024)             |                     |             |
| 390797.82                  | 3822671.66                     | 6.02963 (17091024)  | 390776.72   |
| 3822662.38                 | 6.07729c (20073108)            |                     |             |
| 390755.62                  | 3822653.09                     | 6.16392c (20073108) | 390734.52   |
| 3822643.80                 | 6.24078c (20073108)            |                     |             |
| 390713.42                  | 3822634.51                     | 6.30520c (20073108) | 390692.32   |
| 3822625.22                 | 6.35346c (20073108)            |                     |             |
| 390671.22                  | 3822615.93                     | 6.38108c (20073108) | 390650.12   |
| 3822606.64                 | 6.38321c (20073108)            |                     |             |
| 390629.01                  | 3822597.35                     | 6.35497c (20073108) | 390607.91   |
| 3822588.06                 | 6.29204c (20073108)            |                     |             |
| 390586.81                  | 3822578.77                     | 6.19089c (20073108) | 390565.71   |
| 3822569.48                 | 6.07509 (20111108)             |                     |             |
| 390544.61                  | 3822560.19                     | 6.01134 (20111108)  | 390523.51   |
| 3822550.91                 | 5.88037 (20111108)             |                     |             |
| 390502.41                  | 3822541.62                     | 5.68676 (20111108)  | 390481.31   |
| 3822532.33                 | 5.43712 (20111108)             |                     |             |
| 390460.20                  | 3822523.04                     | 5.17666 (18011724)  | 390439.10   |
| 3822513.75                 | 5.60773 (18011724)             |                     |             |
| 390418.00                  | 3822504.46                     | 6.01649 (18011724)  | 390396.90   |
| 3822495.17                 | 6.39466 (18011724)             |                     |             |
| 390375.80                  | 3822485.88                     | 6.73458 (18011724)  | 390354.70   |
| 3822476.59                 | 7.02958 (18011724)             |                     |             |

|            |                     |         |            |           |
|------------|---------------------|---------|------------|-----------|
| 390333.60  | 3822467.30          | 7.27413 | (18011724) | 390312.49 |
| 3822458.01 | 7.46411 (18011724)  |         |            |           |
| 390291.39  | 3822448.72          | 7.59663 | (18011724) | 390270.29 |
| 3822439.44 | 7.67046 (18011724)  |         |            |           |
| 390249.19  | 3822430.15          | 7.68572 | (18011724) | 390228.09 |
| 3822420.86 | 7.64375 (18011724)  |         |            |           |
| 390206.99  | 3822411.57          | 7.54705 | (18011724) | 390185.89 |
| 3822402.28 | 7.39906 (18011724)  |         |            |           |
| 390164.79  | 3822392.99          | 7.20399 | (18011724) | 390143.68 |
| 3822383.70 | 6.96652 (18011724)  |         |            |           |
| 390122.58  | 3822374.41          | 6.69203 | (18011724) | 390101.48 |
| 3822365.12 | 6.38587 (18011724)  |         |            |           |
| 390080.38  | 3822355.83          | 6.05360 | (18011724) | 390059.28 |
| 3822346.54 | 5.70077 (18011724)  |         |            |           |
| 390038.18  | 3822337.25          | 5.33288 | (18011724) | 390017.08 |
| 3822327.97 | 4.95536 (18011724)  |         |            |           |
| 389995.98  | 3822318.68          | 4.57313 | (18011724) | 389974.87 |
| 3822309.39 | 4.55261 (19082108)  |         |            |           |
| 389953.77  | 3822300.10          | 4.61118 | (19082108) | 389932.67 |
| 3822290.81 | 4.68584 (19062708)  |         |            |           |
| 389911.57  | 3822281.52          | 4.92477 | (19062708) | 389890.47 |
| 3822272.23 | 5.12107 (19062708)  |         |            |           |
| 389869.37  | 3822262.94          | 5.26907 | (19062708) | 389848.27 |
| 3822253.65 | 5.36448 (19062708)  |         |            |           |
| 389827.17  | 3822244.36          | 5.40459 | (19062708) | 389806.06 |
| 3822235.07 | 5.38840 (19062708)  |         |            |           |
| 389784.96  | 3822225.79          | 5.31672 | (19062708) | 389763.86 |
| 3822216.50 | 5.19198 (19062708)  |         |            |           |
| 389742.76  | 3822207.21          | 5.01821 | (19062708) | 389721.66 |
| 3822197.92 | 4.80080 (19062708)  |         |            |           |
| 389700.56  | 3822188.63          | 4.54620 | (19062708) | 389679.46 |
| 3822179.34 | 4.51408c (19090108) |         |            |           |
| 389658.36  | 3822170.05          | 4.52418 | (20010724) | 389637.25 |
| 3822160.76 | 4.71399 (20010724)  |         |            |           |
| 389616.15  | 3822151.47          | 4.86195 | (20010724) | 389595.05 |
| 3822142.18 | 4.96403 (20010724)  |         |            |           |
| 389573.95  | 3822132.89          | 5.01745 | (20010724) | 389552.85 |
| 3822123.60 | 5.02087 (20010724)  |         |            |           |
| 389531.75  | 3822114.32          | 5.08829 | (19120508) | 389510.65 |
| 3822105.03 | 5.27630 (19120508)  |         |            |           |
| 389489.55  | 3822095.74          | 5.42565 | (19120508) | 389468.44 |
| 3822086.45 | 5.53263 (19120508)  |         |            |           |
| 389447.34  | 3822077.16          | 5.59456 | (19120508) | 389426.24 |
| 3822067.87 | 5.61004 (19120508)  |         |            |           |
| 389405.14  | 3822058.58          | 5.57889 | (19120508) | 389384.04 |
| 3822049.29 | 5.50217 (19120508)  |         |            |           |
| 389362.94  | 3822040.00          | 5.38215 | (19120508) | 389341.84 |
| 3822030.71 | 5.22216 (19120508)  |         |            |           |
| 389320.74  | 3822021.42          | 5.02646 | (19120508) | 389299.63 |
| 3822012.13 | 4.79996 (19120508)  |         |            |           |

```

^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** 17:54:19

```

PAGE 1231

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ U\* BUOYLINE

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION \*\*\*  
INCLUDING SOURCE(S): BLINE1 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 389278.53   | 3822002.85         | 4.86301    | (17010724) | 389257.43   |
| 3821993.56  | 5.10547 (17010724) |            |            |             |
| 389236.33   | 3821984.27         | 5.30841    | (17010724) | 389215.23   |
| 3821974.98  | 5.46910 (17010724) |            |            |             |
| 389194.13   | 3821965.69         | 5.58183    | (17010724) | 389173.03   |
| 3821956.40  | 5.64379 (17010724) |            |            |             |
| 389151.93   | 3821947.11         | 5.65356    | (17010724) | 389130.82   |
| 3821937.82  | 5.61115 (17010724) |            |            |             |
| 389109.72   | 3821928.53         | 5.51806    | (17010724) | 389088.62   |
| 3821919.24  | 5.37710 (17010724) |            |            |             |
| 389004.22   | 3821882.09         | 6.05240    | (18111108) | 388983.12   |
| 3821872.80  | 6.17909 (18111108) |            |            |             |
| 388962.01   | 3821863.51         | 6.26979    | (18111108) | 388940.91   |
| 3821854.22  | 6.32395 (18111108) |            |            |             |
| 388919.81   | 3821844.93         | 6.34170    | (18111108) | 388898.71   |
| 3821835.64  | 6.32367 (18111108) |            |            |             |
| 388877.61   | 3821826.35         | 6.27101    | (18111108) | 388856.51   |
| 3821817.06  | 6.18528 (18111108) |            |            |             |
| 388835.41   | 3821807.77         | 6.06842    | (18111108) | 388814.31   |
| 3821798.48  | 5.92265 (18111108) |            |            |             |
| 388793.20   | 3821789.19         | 5.75037    | (18111108) | 388772.10   |
| 3821779.91  | 5.55442 (18111108) |            |            |             |
| 388751.00   | 3821770.62         | 5.33743    | (18111108) | 388721.71   |
| 3821739.77  | 4.85614 (18111108) |            |            |             |
| 388713.52   | 3821718.22         | 4.66860    | (18070508) | 388705.34   |
| 3821696.67  | 4.64828 (19111224) |            |            |             |
| 388697.15   | 3821675.12         | 4.77865    | (19111224) | 388688.96   |
| 3821653.56  | 4.86750 (19111224) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388680.77  | 3821632.01         | 4.91210 | (19111224) | 388672.59 |
| 3821610.46 | 4.91107 (19111224) |         |            |           |
| 388664.40  | 3821588.91         | 4.86417 | (19111224) | 388656.21 |
| 3821567.35 | 4.77247 (19111224) |         |            |           |
| 388648.02  | 3821545.80         | 4.63834 | (19111224) | 388639.83 |
| 3821524.25 | 4.46524 (19111224) |         |            |           |
| 388631.65  | 3821502.70         | 4.25772 | (19111224) | 388623.46 |
| 3821481.14 | 4.08863 (19112124) |         |            |           |
| 388615.27  | 3821459.59         | 4.32375 | (19112124) | 388607.08 |
| 3821438.04 | 4.52897 (19112124) |         |            |           |
| 388598.90  | 3821416.49         | 4.79347 | (20022908) | 388590.71 |
| 3821394.93 | 5.33337 (20022908) |         |            |           |
| 388582.52  | 3821373.38         | 5.88188 | (20022908) | 388574.33 |
| 3821351.83 | 6.42989 (20022908) |         |            |           |
| 388566.14  | 3821330.28         | 6.96713 | (20022908) | 388557.96 |
| 3821308.72 | 7.48278 (20022908) |         |            |           |
| 388549.77  | 3821287.17         | 7.96552 | (20022908) | 388541.58 |
| 3821265.62 | 8.40429 (20022908) |         |            |           |
| 388533.39  | 3821244.07         | 8.78848 | (20022908) | 388525.21 |
| 3821222.51 | 9.10842 (20022908) |         |            |           |
| 388517.02  | 3821200.96         | 9.35562 | (20022908) | 388508.83 |
| 3821179.41 | 9.52343 (20022908) |         |            |           |
| 388500.64  | 3821157.86         | 9.60708 | (20022908) | 388492.45 |
| 3821136.30 | 9.60401 (20022908) |         |            |           |
| 388484.27  | 3821114.75         | 9.51404 | (20022908) | 388476.08 |
| 3821093.20 | 9.33920 (20022908) |         |            |           |
| 388467.89  | 3821071.65         | 9.08389 | (20022908) | 388459.70 |
| 3821050.09 | 8.75444 (20022908) |         |            |           |
| 388451.52  | 3821028.54         | 8.35947 | (20022908) | 388443.33 |
| 3821006.99 | 7.90839 (20022908) |         |            |           |
| 388435.14  | 3820985.44         | 7.41209 | (20022908) | 388426.95 |
| 3820963.88 | 6.88185 (20022908) |         |            |           |
| 388418.76  | 3820942.33         | 6.32969 | (20022908) | 388410.58 |
| 3820920.78 | 5.76702 (20022908) |         |            |           |
| 388402.39  | 3820899.23         | 5.57776 | (16102124) | 388394.20 |
| 3820877.67 | 5.45191 (19112108) |         |            |           |
| 388386.01  | 3820856.12         | 5.60513 | (19112108) | 388377.83 |
| 3820834.57 | 5.70294 (19112108) |         |            |           |
| 388369.64  | 3820813.02         | 5.74212 | (19112108) | 388361.45 |
| 3820791.46 | 5.84928 (19020208) |         |            |           |
| 388353.26  | 3820769.91         | 6.05197 | (19020208) | 388345.07 |
| 3820748.36 | 6.21194 (19020208) |         |            |           |
| 388336.89  | 3820726.81         | 6.32398 | (19020208) | 388328.70 |
| 3820705.25 | 6.38415 (19020208) |         |            |           |
| 388320.51  | 3820683.70         | 6.38978 | (19020208) | 388312.32 |
| 3820662.15 | 6.33986 (19020208) |         |            |           |
| 388304.14  | 3820640.59         | 6.23502 | (19020208) | 388295.95 |
| 3820619.04 | 6.07747 (19020208) |         |            |           |
| 388287.76  | 3820597.49         | 6.10335 | (18022808) | 388279.57 |
| 3820575.94 | 6.20471 (18022808) |         |            |           |

388271.38 3820554.38 6.24519 (18022808) 388263.20  
 3820532.83 6.22309 (18022808)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1232

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388255.01   | 3820511.28  | 6.13869    | (18022808) | 388246.82   |
| 3820489.73  | 5.99430     | (18022808) |            |             |
| 388238.63   | 3820468.17  | 5.79402    | (18022808) | 388230.45   |
| 3820446.62  | 5.54393     | (18022808) |            |             |
| 388222.26   | 3820425.07  | 5.25107    | (18022808) | 388214.07   |
| 3820403.52  | 5.03693     | (19022324) |            |             |
| 388205.88   | 3820381.96  | 5.29299    | (19122824) | 388197.69   |
| 3820360.41  | 5.51377     | (19122824) |            |             |
| 388189.51   | 3820338.86  | 5.68103    | (19122824) | 388181.32   |
| 3820317.31  | 5.78932     | (19122824) |            |             |
| 388173.13   | 3820295.75  | 5.83494    | (19122824) | 388164.94   |
| 3820274.20  | 5.81618     | (19122824) |            |             |
| 388156.76   | 3820252.65  | 5.73357    | (19122824) | 388148.57   |
| 3820231.10  | 5.58962     | (19122824) |            |             |
| 388140.38   | 3820209.54  | 5.50202    | (18120624) | 388132.19   |
| 3820187.99  | 5.60304     | (18120624) |            |             |
| 388124.00   | 3820166.44  | 5.64263    | (18120624) | 388115.82   |
| 3820144.89  | 5.61934     | (18120624) |            |             |
| 388107.63   | 3820123.33  | 5.53373    | (18120624) | 388099.44   |
| 3820101.78  | 5.41599     | (20120624) |            |             |
| 388091.25   | 3820080.23  | 5.57190    | (20120624) | 388083.07   |
| 3820058.68  | 5.66822     | (20120624) |            |             |
| 388074.88   | 3820037.12  | 5.70165    | (20120624) | 388066.69   |
| 3820015.57  | 5.67088     | (20120624) |            |             |
| 388058.50   | 3819994.02  | 5.57684    | (20120624) | 388050.31   |
| 3819972.47  | 5.60878     | (19010824) |            |             |

|            |                    |          |            |           |
|------------|--------------------|----------|------------|-----------|
| 388042.13  | 3819950.91         | 5.76284  | (19010824) | 388033.94 |
| 3819929.36 | 6.33792 (16102924) |          |            |           |
| 388025.75  | 3819907.81         | 6.95002  | (16102924) | 388017.56 |
| 3819886.26 | 7.54252 (16102924) |          |            |           |
| 388009.38  | 3819864.70         | 8.10116  | (16102924) | 388001.19 |
| 3819843.15 | 8.61126 (16102924) |          |            |           |
| 387993.00  | 3819821.60         | 9.05907  | (16102924) | 387984.81 |
| 3819800.05 | 9.43190 (16102924) |          |            |           |
| 387976.62  | 3819778.49         | 9.71892  | (16102924) | 387968.44 |
| 3819756.94 | 9.91124 (16102924) |          |            |           |
| 387960.25  | 3819735.39         | 10.00313 | (16102924) | 387952.06 |
| 3819713.84 | 9.99167 (16102924) |          |            |           |
| 387943.87  | 3819692.28         | 9.87707  | (16102924) | 387935.69 |
| 3819670.73 | 9.66291 (16102924) |          |            |           |
| 387927.50  | 3819649.18         | 9.35549  | (16102924) | 387919.31 |
| 3819627.63 | 8.96395 (16102924) |          |            |           |
| 387911.12  | 3819606.07         | 8.49943  | (16102924) | 387902.93 |
| 3819584.52 | 7.97529 (16102924) |          |            |           |
| 387894.75  | 3819562.97         | 7.40558  | (16102924) | 387886.56 |
| 3819541.42 | 6.80463 (16102924) |          |            |           |
| 387878.37  | 3819519.86         | 6.18671  | (16102924) | 387870.18 |
| 3819498.31 | 5.56604 (16102924) |          |            |           |
| 387862.00  | 3819476.76         | 4.95501  | (16102924) | 387853.81 |
| 3819455.20 | 4.67091 (17031024) |          |            |           |
| 387845.62  | 3819433.65         | 4.73937  | (17090908) | 387837.43 |
| 3819412.10 | 4.77588 (17090908) |          |            |           |
| 387829.24  | 3819390.55         | 4.75713  | (17090908) | 387821.06 |
| 3819368.99 | 4.68372 (17090908) |          |            |           |
| 387812.87  | 3819347.44         | 4.80769  | (18121624) | 387804.68 |
| 3819325.89 | 4.94677 (18121624) |          |            |           |
| 387796.49  | 3819304.34         | 5.03102  | (18121624) | 387788.31 |
| 3819282.78 | 5.05755 (18121624) |          |            |           |
| 387780.12  | 3819261.23         | 5.19145  | (16122224) | 387771.93 |
| 3819239.68 | 5.45413 (16122224) |          |            |           |
| 387763.74  | 3819218.13         | 5.66376  | (16122224) | 387755.55 |
| 3819196.57 | 5.81340 (16122224) |          |            |           |
| 387747.37  | 3819175.02         | 5.89783  | (16122224) | 387739.18 |
| 3819153.47 | 5.91421 (16122224) |          |            |           |
| 387730.99  | 3819131.92         | 5.86196  | (16122224) | 387722.80 |
| 3819110.36 | 5.74282 (16122224) |          |            |           |
| 387714.62  | 3819088.81         | 5.56102  | (16122224) | 387706.43 |
| 3819067.26 | 5.62001 (18121524) |          |            |           |
| 387698.24  | 3819045.71         | 5.68744  | (18121524) | 387690.05 |
| 3819024.15 | 5.68901 (18121524) |          |            |           |
| 387681.86  | 3819002.60         | 5.62468  | (18121524) | 387673.68 |
| 3818981.05 | 5.53946 (17013024) |          |            |           |
| 387665.49  | 3818959.50         | 5.72380  | (17013024) | 387657.30 |
| 3818937.94 | 5.84584 (17013024) |          |            |           |
| 387649.11  | 3818916.39         | 5.90133  | (17013024) | 387640.93 |
| 3818894.84 | 5.88847 (17013024) |          |            |           |



```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** *** Prairie Song BESS Plume Study
*** *** 17:54:19

```

```
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U* BUOYLINE
```

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE1 ,

```

\*\*\*

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387599.99   | 3818787.08         | 5.78859    | (18102824) | 387591.80   |
| 3818765.52  | 5.60176 (18102824) |            |            |             |
| 387583.61   | 3818743.97         | 5.33165    | (18102824) | 387575.42   |
| 3818722.42  | 5.02857 (18102824) |            |            |             |
| 387567.24   | 3818700.87         | 4.68033    | (18102824) | 387559.05   |
| 3818679.31  | 4.29472 (18102824) |            |            |             |
| 387550.86   | 3818657.76         | 3.99496    | (20011508) | 387542.67   |
| 3818636.21  | 3.83568 (20011508) |            |            |             |
| 387534.49   | 3818614.66         | 3.63233    | (20011508) | 387526.30   |
| 3818593.10  | 3.57435 (17111124) |            |            |             |
| 387518.11   | 3818571.55         | 3.61156    | (18031108) | 387509.92   |
| 3818550.00  | 3.72253 (18031108) |            |            |             |
| 387501.73   | 3818528.45         | 3.80858    | (18031108) | 387493.55   |
| 3818506.89  | 3.87415 (18031108) |            |            |             |
| 387485.36   | 3818485.34         | 3.91098    | (18031108) | 387477.17   |
| 3818463.79  | 3.91987 (18031108) |            |            |             |
| 387468.98   | 3818442.24         | 3.89737    | (18031108) | 387460.80   |
| 3818420.68  | 3.85270 (18031108) |            |            |             |
| 387452.61   | 3818399.13         | 3.79360    | (18031108) | 387444.42   |
| 3818377.58  | 3.71909 (18031108) |            |            |             |
| 387436.23   | 3818356.03         | 3.63476    | (18031108) | 387428.04   |
| 3818334.47  | 3.45292 (18031108) |            |            |             |
| 387419.86   | 3818312.92         | 3.28320    | (18031108) | 387411.67   |
| 3818291.37  | 3.15694 (18031108) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 387403.48  | 3818269.81          | 3.12497  | (18031108) | 387395.29 |
| 3818248.26 | 3.11080 (18031108)  |          |            |           |
| 387387.11  | 3818226.71          | 3.07333  | (18031108) | 387378.92 |
| 3818205.16 | 3.01100 (18031108)  |          |            |           |
| 387370.73  | 3818183.60          | 2.93383  | (18031108) | 387362.54 |
| 3818162.05 | 2.79552 (18031108)  |          |            |           |
| 387354.35  | 3818140.50          | 2.65889  | (17030408) | 387346.17 |
| 3818118.95 | 2.48211 (17030408)  |          |            |           |
| 387337.98  | 3818097.39          | 2.40534  | (17030408) | 387329.79 |
| 3818075.84 | 2.41124 (17030408)  |          |            |           |
| 387321.60  | 3818054.29          | 2.47481  | (17030408) | 387313.42 |
| 3818032.74 | 2.58816 (17030408)  |          |            |           |
| 387305.23  | 3818011.18          | 2.74724  | (17030408) | 387297.04 |
| 3817989.63 | 2.95944 (17030408)  |          |            |           |
| 387288.85  | 3817968.08          | 3.20010  | (17030408) | 387280.66 |
| 3817946.53 | 3.36269 (17030408)  |          |            |           |
| 387272.48  | 3817924.97          | 3.41584  | (17030408) | 387264.29 |
| 3817903.42 | 3.36131 (17030408)  |          |            |           |
| 387256.10  | 3817881.87          | 3.29838  | (17011708) | 387247.91 |
| 3817860.32 | 3.52511 (17011708)  |          |            |           |
| 387239.73  | 3817838.76          | 3.67378  | (17011708) | 387231.54 |
| 3817817.21 | 3.80371 (17011708)  |          |            |           |
| 387223.35  | 3817795.66          | 3.95270  | (17011708) | 387215.16 |
| 3817774.11 | 4.07831 (17011708)  |          |            |           |
| 387206.97  | 3817752.55          | 4.15115  | (17011708) | 387198.79 |
| 3817731.00 | 4.08888 (17011708)  |          |            |           |
| 387190.60  | 3817709.45          | 3.94000  | (17011708) | 387182.41 |
| 3817687.90 | 3.76166 (17011708)  |          |            |           |
| 387174.22  | 3817666.34          | 3.70444  | (18030608) | 387166.04 |
| 3817644.79 | 3.73188 (18030608)  |          |            |           |
| 387157.85  | 3817623.24          | 3.70693  | (18030608) | 387149.66 |
| 3817601.69 | 3.66319 (18030608)  |          |            |           |
| 387141.47  | 3817580.13          | 3.61171  | (17030224) | 387133.28 |
| 3817558.58 | 3.72405 (17030224)  |          |            |           |
| 387125.10  | 3817537.03          | 3.78329  | (17030224) | 387116.91 |
| 3817515.48 | 3.67263 (17030224)  |          |            |           |
| 387108.72  | 3817493.92          | 3.54576m | (19011124) | 387100.53 |
| 3817472.37 | 3.68155m (19011124) |          |            |           |
| 387092.35  | 3817450.82          | 3.88301m | (19011124) | 387084.16 |
| 3817429.27 | 4.10584m (19011124) |          |            |           |
| 387075.97  | 3817407.71          | 4.33832m | (19011124) | 387067.78 |
| 3817386.16 | 4.63027m (19011124) |          |            |           |
| 387059.59  | 3817364.61          | 4.85702m | (19011124) | 387051.41 |
| 3817343.06 | 5.13624m (19011124) |          |            |           |
| 387043.22  | 3817321.50          | 5.44444m | (19011124) | 387035.03 |
| 3817299.95 | 5.68029m (19011124) |          |            |           |
| 387026.84  | 3817278.40          | 5.78393m | (19011124) | 387018.66 |
| 3817256.85 | 5.49554m (19011124) |          |            |           |
| 387010.47  | 3817235.29          | 5.15490m | (19011124) | 387002.28 |
| 3817213.74 | 5.08227 (19120324)  |          |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386994.09  | 3817192.19 | 5.14622    | (19120324) | 386985.90 |
| 3817170.64 | 5.18664    | (19120324) |            |           |
| 386977.72  | 3817149.08 | 5.22093    | (18111708) | 386969.53 |
| 3817127.53 | 5.53727    | (18111708) |            |           |
| 386961.34  | 3817105.98 | 5.81374    | (18111708) | 386953.15 |
| 3817084.42 | 6.29265    | (18111708) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1234

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 386944.97   | 3817062.87  | 6.93414    | (18111708) | 386936.78   |
| 3817041.32  | 7.70230     | (18111708) |            |             |
| 386928.59   | 3817019.77  | 8.03056    | (18111708) | 386920.40   |
| 3816998.21  | 8.01178     | (18111708) |            |             |
| 386912.21   | 3816976.66  | 7.67592    | (18111708) | 386904.03   |
| 3816955.11  | 7.21709     | (18111708) |            |             |
| 386895.84   | 3816933.56  | 6.72648    | (18111708) | 386887.65   |
| 3816912.00  | 6.30637     | (18111708) |            |             |
| 386879.46   | 3816890.45  | 6.12116    | (18111708) | 386871.28   |
| 3816868.90  | 5.88322     | (18111708) |            |             |
| 386773.02   | 3816610.27  | 4.23915    | (17011308) | 386764.83   |
| 3816588.72  | 4.11203     | (17011308) |            |             |
| 386756.65   | 3816567.16  | 3.83396    | (17011308) | 386748.46   |
| 3816545.61  | 3.52316     | (17011308) |            |             |
| 386740.27   | 3816524.06  | 3.33444    | (17011308) | 386732.08   |
| 3816502.51  | 3.40522     | (17011308) |            |             |
| 386723.90   | 3816480.95  | 3.69549    | (19110708) | 386715.71   |
| 3816459.40  | 4.03943     | (19110708) |            |             |
| 386707.52   | 3816437.85  | 4.32815    | (19110708) | 386699.33   |
| 3816416.30  | 4.47266     | (19110708) |            |             |
| 386691.14   | 3816394.74  | 4.40459    | (19110708) | 386682.96   |
| 3816373.19  | 4.24013     | (19110708) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386674.77  | 3816351.64         | 4.11741 | (19110708) | 386666.58 |
| 3816330.09 | 3.94265 (19110708) |         |            |           |
| 386658.39  | 3816308.53         | 3.57429 | (19110708) | 386650.21 |
| 3816286.98 | 3.16023 (18010224) |         |            |           |
| 386642.02  | 3816265.43         | 2.97210 | (18010224) | 386633.83 |
| 3816243.88 | 2.88159 (18010224) |         |            |           |
| 386625.64  | 3816222.32         | 3.12736 | (18010808) | 386617.45 |
| 3816200.77 | 3.35550 (18010808) |         |            |           |
| 386609.27  | 3816179.22         | 3.53670 | (18010808) | 386601.08 |
| 3816157.67 | 3.73671 (18010808) |         |            |           |
| 386592.89  | 3816136.11         | 3.90501 | (18010808) | 386584.70 |
| 3816114.56 | 4.05078 (18010808) |         |            |           |
| 394348.71  | 3824205.63         | 4.06753 | (16092808) | 394371.76 |
| 3824206.05 | 3.80134 (16092808) |         |            |           |
| 394394.82  | 3824206.47         | 3.52138 | (16092808) | 394417.88 |
| 3824206.89 | 3.23207 (16092808) |         |            |           |
| 394440.94  | 3824207.31         | 2.97119 | (19010308) | 394464.00 |
| 3824207.73 | 3.03126 (19010308) |         |            |           |
| 394487.05  | 3824208.14         | 3.06478 | (19010308) | 392821.96 |
| 3824906.50 | 3.12074 (17021124) |         |            |           |
| 392800.88  | 3824897.22         | 3.22152 | (17021124) | 392779.80 |
| 3824887.94 | 3.28884 (19112124) |         |            |           |
| 392758.73  | 3824878.66         | 3.34523 | (19112124) | 392737.65 |
| 3824869.38 | 3.38424 (19112124) |         |            |           |
| 392716.57  | 3824860.10         | 3.42492 | (19112124) | 392695.49 |
| 3824850.83 | 3.46267 (19112124) |         |            |           |
| 392674.41  | 3824841.55         | 3.48566 | (20032208) | 392653.33 |
| 3824832.27 | 3.72514 (20032208) |         |            |           |
| 392632.25  | 3824822.99         | 3.99197 | (20032208) | 392611.17 |
| 3824813.71 | 4.22960 (20032208) |         |            |           |
| 392590.10  | 3824804.43         | 4.42308 | (20032208) | 392569.02 |
| 3824795.15 | 4.59016 (20032208) |         |            |           |
| 392547.94  | 3824785.87         | 4.79281 | (20032208) | 392526.86 |
| 3824776.59 | 5.02919 (20032208) |         |            |           |
| 392505.78  | 3824767.31         | 5.15165 | (20032208) | 392484.70 |
| 3824758.03 | 5.26359 (20032208) |         |            |           |
| 392463.62  | 3824748.75         | 5.43616 | (20032208) | 392442.54 |
| 3824739.47 | 5.67782 (20032208) |         |            |           |
| 392421.47  | 3824730.20         | 5.85320 | (20032208) | 392400.39 |
| 3824720.92 | 5.88323 (20032208) |         |            |           |
| 392379.31  | 3824711.64         | 5.89926 | (20032208) | 392358.23 |
| 3824702.36 | 5.95737 (20032208) |         |            |           |
| 392337.15  | 3824693.08         | 6.04578 | (20032208) | 392316.07 |
| 3824683.80 | 5.98390 (20032208) |         |            |           |
| 392294.99  | 3824674.52         | 5.84158 | (20032208) | 392273.91 |
| 3824665.24 | 5.66536 (20032208) |         |            |           |
| 392252.84  | 3824655.96         | 5.61580 | (19122408) | 392231.76 |
| 3824646.68 | 5.68703 (19122408) |         |            |           |
| 392210.68  | 3824637.40         | 5.91250 | (19122408) | 392189.60 |
| 3824628.12 | 6.07175 (19122408) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 392168.52  | 3824618.84         | 6.10844 | (19122408) | 392147.44 |
| 3824609.57 | 5.84457 (19122408) |         |            |           |
| 392126.36  | 3824600.29         | 5.67508 | (16022308) | 392105.29 |
| 3824591.01 | 5.77877 (16022308) |         |            |           |
| 392084.21  | 3824581.73         | 5.85195 | (16022308) | 392063.13 |
| 3824572.45 | 5.89314 (16022308) |         |            |           |
| 392042.05  | 3824563.17         | 5.90130 | (16022308) | 392020.97 |
| 3824553.89 | 5.87580 (16022308) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1235

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| -----       |                    |            |            |             |
| -----       |                    |            |            |             |
| 391999.89   | 3824544.61         | 5.81644    | (16022308) | 391978.81   |
| 3824535.33  | 5.72355 (16022308) |            |            |             |
| 391957.73   | 3824526.05         | 5.59797    | (16022308) | 391936.66   |
| 3824516.77  | 5.44116 (16022308) |            |            |             |
| 391915.58   | 3824507.49         | 5.25495    | (16022308) | 391894.50   |
| 3824498.21  | 5.04190 (16022308) |            |            |             |
| 391873.42   | 3824488.94         | 4.82020    | (20122124) | 391852.34   |
| 3824479.66  | 4.96294 (20122124) |            |            |             |
| 391831.26   | 3824470.38         | 5.06234    | (20122124) | 391810.18   |
| 3824461.10  | 5.11563 (20122124) |            |            |             |
| 391789.10   | 3824451.82         | 5.16093    | (20032008) | 391768.03   |
| 3824442.54  | 5.21255 (20032008) |            |            |             |
| 391746.95   | 3824433.26         | 5.24475    | (20032008) | 391725.87   |
| 3824423.98  | 5.25958 (20032008) |            |            |             |
| 391704.79   | 3824414.70         | 5.25954    | (20032008) | 391683.71   |
| 3824405.42  | 5.24728 (20032008) |            |            |             |
| 391662.63   | 3824396.14         | 5.22549    | (20032008) | 391641.55   |
| 3824386.86  | 5.19662 (20032008) |            |            |             |
| 391620.47   | 3824377.58         | 5.16289    | (20032008) | 391599.40   |
| 3824368.31  | 5.12584 (20032008) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391578.32  | 3824359.03         | 5.08683 | (20032008) | 391557.24 |
| 3824349.75 | 5.04562 (20032008) |         |            |           |
| 391536.16  | 3824340.47         | 5.00216 | (20032008) | 391515.08 |
| 3824331.19 | 4.95553 (20032008) |         |            |           |
| 391494.00  | 3824321.91         | 4.90430 | (20032008) | 391472.92 |
| 3824312.63 | 4.84667 (20032008) |         |            |           |
| 391451.84  | 3824303.35         | 4.78066 | (20032008) | 391430.77 |
| 3824294.07 | 4.70428 (20032008) |         |            |           |
| 391409.69  | 3824284.79         | 4.61566 | (20032008) | 391388.61 |
| 3824275.51 | 4.51343 (18020308) |         |            |           |
| 391367.53  | 3824266.23         | 4.48310 | (18020308) | 391346.45 |
| 3824256.95 | 4.64096 (20022708) |         |            |           |
| 391325.37  | 3824247.68         | 4.82690 | (20022708) | 391304.29 |
| 3824238.40 | 4.97331 (20022708) |         |            |           |
| 391283.21  | 3824229.12         | 5.07617 | (20022708) | 391262.14 |
| 3824219.84 | 5.13265 (20022708) |         |            |           |
| 391241.06  | 3824210.56         | 5.14121 | (20022708) | 391219.98 |
| 3824201.28 | 5.10159 (20022708) |         |            |           |
| 391198.90  | 3824192.00         | 5.01494 | (20022708) | 391177.82 |
| 3824182.72 | 4.88366 (20022708) |         |            |           |
| 391156.74  | 3824173.44         | 4.71136 | (20022708) | 391135.66 |
| 3824164.16 | 4.50266 (20022708) |         |            |           |
| 391114.59  | 3824154.88         | 4.32497 | (18032008) | 391093.51 |
| 3824145.60 | 4.40818 (20011808) |         |            |           |
| 391072.43  | 3824136.32         | 4.62921 | (20011808) | 391051.35 |
| 3824127.05 | 4.81585 (20011808) |         |            |           |
| 391030.27  | 3824117.77         | 4.96328 | (20011808) | 391009.19 |
| 3824108.49 | 5.06751 (20011808) |         |            |           |
| 390988.11  | 3824099.21         | 5.12569 | (20011808) | 390967.03 |
| 3824089.93 | 5.13624 (20011808) |         |            |           |
| 390945.96  | 3824080.65         | 5.09894 | (20011808) | 390924.88 |
| 3824071.37 | 5.01483 (20011808) |         |            |           |
| 390903.80  | 3824062.09         | 4.88627 | (20011808) | 390882.72 |
| 3824052.81 | 5.00738 (19120108) |         |            |           |
| 390861.64  | 3824043.53         | 5.09015 | (19120108) | 390840.56 |
| 3824034.25 | 5.12626 (19120108) |         |            |           |
| 390819.48  | 3824024.97         | 5.11475 | (19120108) | 390798.40 |
| 3824015.69 | 5.05600 (19120108) |         |            |           |
| 390777.33  | 3824006.42         | 4.95175 | (19120108) | 390756.25 |
| 3823997.14 | 4.80478 (19120108) |         |            |           |
| 390735.17  | 3823987.86         | 4.89781 | (19120508) | 390714.09 |
| 3823978.58 | 4.95786 (19120508) |         |            |           |
| 390693.01  | 3823969.30         | 4.97233 | (19120508) | 390671.93 |
| 3823960.02 | 4.94087 (19120508) |         |            |           |
| 390650.85  | 3823950.74         | 4.86442 | (19120508) | 390629.77 |
| 3823941.46 | 4.90602 (17031324) |         |            |           |
| 390608.70  | 3823932.18         | 5.02626 | (17031324) | 390587.62 |
| 3823922.90 | 5.10444 (17031324) |         |            |           |
| 390566.54  | 3823913.62         | 5.34472 | (16121408) | 390545.46 |
| 3823904.34 | 5.75797 (16121408) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390524.38  | 3823895.06 | 6.15034    | (16121408) | 390503.30 |
| 3823885.79 | 6.51367    | (16121408) |            |           |
| 390482.22  | 3823876.51 | 6.84031    | (16121408) | 390334.67 |
| 3823811.55 | 7.61995    | (16121408) |            |           |
| 390313.59  | 3823802.27 | 7.48620    | (16121408) | 390292.52 |
| 3823792.99 | 7.29486    | (16121408) |            |           |
| 390271.44  | 3823783.71 | 7.05052    | (16121408) | 390250.36 |
| 3823774.43 | 6.75909    | (16121408) |            |           |
| 390229.28  | 3823765.16 | 6.42737    | (16121408) | 390208.20 |
| 3823755.88 | 6.06258    | (16121408) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1236

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| -----       |             |            |            |             |
| 390187.12   | 3823746.60  | 5.67249    | (16121408) | 390166.04   |
| 3823737.32  | 5.26489     | (16121408) |            |             |
| 390144.96   | 3823728.04  | 4.99209    | (17091024) | 390123.89   |
| 3823718.76  | 4.97407     | (17091024) |            |             |
| 390102.81   | 3823709.48  | 4.91724    | (17091024) | 390081.73   |
| 3823700.20  | 4.96657c    | (20073108) |            |             |
| 390060.65   | 3823690.92  | 5.02695c   | (20073108) | 390039.57   |
| 3823681.64  | 5.08230c    | (20073108) |            |             |
| 390018.49   | 3823672.36  | 5.13101c   | (20073108) | 389997.41   |
| 3823663.08  | 5.17095c    | (20073108) |            |             |
| 389976.33   | 3823653.80  | 5.19957c   | (20073108) | 389955.26   |
| 3823644.53  | 5.21410c    | (20073108) |            |             |
| 389934.18   | 3823635.25  | 5.21171c   | (20073108) | 389913.10   |
| 3823625.97  | 5.18965c    | (20073108) |            |             |
| 389892.02   | 3823616.69  | 5.14548c   | (20073108) | 389870.94   |
| 3823607.41  | 5.07725c    | (20073108) |            |             |
| 389849.86   | 3823598.13  | 5.02356    | (20111108) | 389828.78   |
| 3823588.85  | 4.99012     | (20111108) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 389807.70  | 3823579.57          | 4.91388  | (20111108) | 389786.63 |
| 3823570.29 | 4.79697 (20111108)  |          |            |           |
| 389765.55  | 3823561.01          | 4.64239  | (20111108) | 389744.47 |
| 3823551.73 | 4.45411 (20111108)  |          |            |           |
| 389723.39  | 3823542.45          | 4.23678  | (20111108) | 389702.31 |
| 3823533.17 | 4.51159 (18011724)  |          |            |           |
| 389681.23  | 3823523.90          | 4.80936  | (18011724) | 389660.15 |
| 3823514.62 | 5.09014 (18011724)  |          |            |           |
| 389639.07  | 3823505.34          | 5.34954  | (18011724) | 389618.00 |
| 3823496.06 | 5.58358 (18011724)  |          |            |           |
| 389596.92  | 3823486.78          | 5.78899  | (18011724) | 389575.84 |
| 3823477.50 | 5.96287 (18011724)  |          |            |           |
| 389554.76  | 3823468.22          | 6.10300  | (18011724) | 389533.68 |
| 3823458.94 | 6.20787 (18011724)  |          |            |           |
| 389512.60  | 3823449.66          | 6.27665  | (18011724) | 389491.52 |
| 3823440.38 | 6.30916 (18011724)  |          |            |           |
| 389470.44  | 3823431.10          | 6.30585  | (18011724) | 389449.37 |
| 3823421.82 | 6.26775 (18011724)  |          |            |           |
| 389428.29  | 3823412.54          | 6.19633  | (18011724) | 389407.21 |
| 3823403.27 | 6.09354 (18011724)  |          |            |           |
| 389386.13  | 3823393.99          | 5.96161  | (18011724) | 389365.05 |
| 3823384.71 | 5.80306 (18011724)  |          |            |           |
| 389343.97  | 3823375.43          | 5.62058  | (18011724) | 389322.89 |
| 3823366.15 | 5.41702 (18011724)  |          |            |           |
| 389301.82  | 3823356.87          | 5.19534  | (18011724) | 389280.74 |
| 3823347.59 | 4.95830 (18011724)  |          |            |           |
| 389259.66  | 3823338.31          | 4.70888  | (18011724) | 389238.58 |
| 3823329.03 | 4.44995 (18011724)  |          |            |           |
| 389217.50  | 3823319.75          | 4.18429  | (18011724) | 389196.42 |
| 3823310.47 | 3.91461 (18011724)  |          |            |           |
| 389175.34  | 3823301.19          | 3.68340  | (19082108) | 389154.26 |
| 3823291.91 | 3.75062 (19082108)  |          |            |           |
| 389133.19  | 3823282.64          | 3.79277  | (19082108) | 389112.11 |
| 3823273.36 | 3.80934 (19082108)  |          |            |           |
| 389091.03  | 3823264.08          | 3.98340  | (19062708) | 389069.95 |
| 3823254.80 | 4.14096 (19062708)  |          |            |           |
| 389048.87  | 3823245.52          | 4.27023  | (19062708) | 389027.79 |
| 3823236.24 | 4.36835 (19062708)  |          |            |           |
| 389006.71  | 3823226.96          | 4.43318  | (19062708) | 388985.63 |
| 3823217.68 | 4.46332 (19062708)  |          |            |           |
| 388964.56  | 3823208.40          | 4.45822  | (19062708) | 388943.48 |
| 3823199.12 | 4.41811 (19062708)  |          |            |           |
| 388922.40  | 3823189.84          | 4.34409  | (19062708) | 388901.32 |
| 3823180.56 | 4.23801 (19062708)  |          |            |           |
| 388880.24  | 3823171.28          | 4.10240  | (19062708) | 388859.16 |
| 3823162.01 | 3.94047 (19062708)  |          |            |           |
| 388838.08  | 3823152.73          | 3.75573  | (19062708) | 388817.00 |
| 3823143.45 | 3.72453c (19090108) |          |            |           |
| 388795.93  | 3823134.17          | 3.69669c | (19090108) | 388774.85 |
| 3823124.89 | 3.80177 (20010724)  |          |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388753.77  | 3823115.61         | 3.92855 | (20010724) | 388732.69 |
| 3823106.33 | 4.02840 (20010724) |         |            |           |
| 388711.61  | 3823097.05         | 4.09922 | (20010724) | 388690.53 |
| 3823087.77 | 4.13955 (20010724) |         |            |           |
| 388669.45  | 3823078.49         | 4.14862 | (20010724) | 388648.37 |
| 3823069.21 | 4.12636 (20010724) |         |            |           |
| 388627.30  | 3823059.93         | 4.23907 | (19120508) | 388606.22 |
| 3823050.65 | 4.36520 (19120508) |         |            |           |
| 388585.14  | 3823041.38         | 4.46652 | (19120508) | 388564.06 |
| 3823032.10 | 4.54120 (19120508) |         |            |           |
| 388542.98  | 3823022.82         | 4.58779 | (19120508) | 388521.90 |
| 3823013.54 | 4.60548 (19120508) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1237

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 388500.82   | 3823004.26         | 4.59401    | (19120508) | 388479.75   |
| 3822994.98  | 4.55378 (19120508) |            |            |             |
| 388458.67   | 3822985.70         | 4.48568    | (19120508) | 388437.59   |
| 3822976.42  | 4.39121 (19120508) |            |            |             |
| 388416.51   | 3822967.14         | 4.27235    | (19120508) | 388395.43   |
| 3822957.86  | 4.13147 (19120508) |            |            |             |
| 388374.35   | 3822948.58         | 3.97130    | (19120508) | 388353.27   |
| 3822939.30  | 3.90309 (17010724) |            |            |             |
| 388332.19   | 3822930.02         | 4.09166    | (17010724) | 388311.12   |
| 3822920.75  | 4.25755 (17010724) |            |            |             |
| 388290.04   | 3822911.47         | 4.39983    | (17010724) | 388268.96   |
| 3822902.19  | 4.51435 (17010724) |            |            |             |
| 388247.88   | 3822892.91         | 4.59889    | (17010724) | 388226.80   |
| 3822883.63  | 4.65184 (17010724) |            |            |             |
| 388205.72   | 3822874.35         | 4.67225    | (17010724) | 388184.64   |
| 3822865.07  | 4.65986 (17010724) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388163.56  | 3822855.79         | 4.61508 | (17010724) | 388142.49 |
| 3822846.51 | 4.53904 (17010724) |         |            |           |
| 388058.17  | 3822809.39         | 4.76046 | (18111108) | 388037.09 |
| 3822800.12 | 4.88704 (18111108) |         |            |           |
| 388016.01  | 3822790.84         | 4.99277 | (18111108) | 387994.93 |
| 3822781.56 | 5.07681 (18111108) |         |            |           |
| 387973.86  | 3822772.28         | 5.13863 | (18111108) | 387952.78 |
| 3822763.00 | 5.17808 (18111108) |         |            |           |
| 387931.70  | 3822753.72         | 5.19521 | (18111108) | 387910.62 |
| 3822744.44 | 5.19034 (18111108) |         |            |           |
| 387889.54  | 3822735.16         | 5.16404 | (18111108) | 387868.46 |
| 3822725.88 | 5.11706 (18111108) |         |            |           |
| 387847.38  | 3822716.60         | 5.05034 | (18111108) | 387826.30 |
| 3822707.32 | 4.96494 (18111108) |         |            |           |
| 387805.23  | 3822698.04         | 4.86211 | (18111108) | 387784.15 |
| 3822688.76 | 4.74307 (18111108) |         |            |           |
| 387754.89  | 3822657.96         | 4.46799 | (18111108) | 387746.71 |
| 3822636.43 | 4.31269 (18111108) |         |            |           |
| 387738.53  | 3822614.90         | 4.14484 | (18111108) | 387730.35 |
| 3822593.37 | 3.96600 (18111108) |         |            |           |
| 387722.17  | 3822571.84         | 3.88065 | (18070508) | 387713.99 |
| 3822550.31 | 3.83036 (19111224) |         |            |           |
| 387705.82  | 3822528.78         | 3.93418 | (19111224) | 387697.64 |
| 3822507.25 | 4.01241 (19111224) |         |            |           |
| 387689.46  | 3822485.72         | 4.06327 | (19111224) | 387681.28 |
| 3822464.19 | 4.08556 (19111224) |         |            |           |
| 387673.10  | 3822442.66         | 4.07869 | (19111224) | 387664.92 |
| 3822421.13 | 4.04268 (19111224) |         |            |           |
| 387656.74  | 3822399.60         | 3.97816 | (19111224) | 387648.56 |
| 3822378.07 | 3.88641 (19111224) |         |            |           |
| 387640.38  | 3822356.54         | 3.76924 | (19111224) | 387632.20 |
| 3822335.01 | 3.62897 (19111224) |         |            |           |
| 387624.03  | 3822313.48         | 3.46842 | (19111224) | 387615.85 |
| 3822291.95 | 3.40377 (19112124) |         |            |           |
| 387607.67  | 3822270.42         | 3.57536 | (19112124) | 387599.49 |
| 3822248.90 | 3.72823 (19112124) |         |            |           |
| 387591.31  | 3822227.37         | 3.85931 | (19112124) | 387583.13 |
| 3822205.84 | 4.15546 (20022908) |         |            |           |
| 387574.95  | 3822184.31         | 4.54971 | (20022908) | 387566.77 |
| 3822162.78 | 4.94798 (20022908) |         |            |           |
| 387558.59  | 3822141.25         | 5.34499 | (20022908) | 387550.41 |
| 3822119.72 | 5.73504 (20022908) |         |            |           |
| 387542.23  | 3822098.19         | 6.11210 | (20022908) | 387534.06 |
| 3822076.66 | 6.46989 (20022908) |         |            |           |
| 387525.88  | 3822055.13         | 6.80242 | (20022908) | 387517.70 |
| 3822033.60 | 7.10357 (20022908) |         |            |           |
| 387509.52  | 3822012.07         | 7.36767 | (20022908) | 387501.34 |
| 3821990.54 | 7.58956 (20022908) |         |            |           |
| 387493.16  | 3821969.01         | 7.76477 | (20022908) | 387484.98 |
| 3821947.48 | 7.88967 (20022908) |         |            |           |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3821904.42 | 387476.80 | 3821925.95 | 7.96156    | (20022908) | 387468.62 |
| 3821861.36 | 387460.44 | 3821882.89 | 7.94090    | (20022908) | 387452.27 |
| 3821818.30 | 387444.09 | 3821839.83 | 7.70320    | (20022908) | 387435.91 |
| 3821775.25 | 387427.73 | 3821796.78 | 7.26638    | (20022908) | 387419.55 |
| 3821732.19 | 387411.37 | 3821753.72 | 6.66362    | (20022908) | 387403.19 |
| 3821689.13 | 387395.01 | 3821710.66 | 5.93950    | (20022908) | 387386.83 |
| 3821646.07 | 387378.65 | 3821667.60 | 5.14431    | (20022908) | 387370.48 |
|            |           | 4.73605    | (20022908) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1238

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 387362.30   | 3821624.54  | 4.65533    | (16102124) | 387354.12   |
| 3821603.01  | 4.56110     | (16102124) |            |             |
| 387345.94   | 3821581.48  | 4.60193    | (19112108) | 387337.76   |
| 3821559.95  | 4.69666     | (19112108) |            |             |
| 387329.58   | 3821538.42  | 4.75522    | (19112108) | 387321.40   |
| 3821516.89  | 4.77611     | (19112108) |            |             |
| 387313.22   | 3821495.36  | 4.80378    | (19020208) | 387305.04   |
| 3821473.83  | 4.95593     | (19020208) |            |             |
| 387296.86   | 3821452.30  | 5.08191    | (19020208) | 387288.69   |
| 3821430.77  | 5.17865     | (19020208) |            |             |
| 387280.51   | 3821409.24  | 5.24364    | (19020208) | 387272.33   |
| 3821387.71  | 5.27498     | (19020208) |            |             |
| 387264.15   | 3821366.19  | 5.27149    | (19020208) | 387255.97   |
| 3821344.66  | 5.23279     | (19020208) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387247.79  | 3821323.13         | 5.15926 | (19020208) | 387239.61 |
| 3821301.60 | 5.05211 (19020208) |         |            |           |
| 387231.43  | 3821280.07         | 5.03743 | (18022808) | 387223.25 |
| 3821258.54 | 5.13322 (18022808) |         |            |           |
| 387215.07  | 3821237.01         | 5.19146 | (18022808) | 387206.89 |
| 3821215.48 | 5.21049 (18022808) |         |            |           |
| 387198.72  | 3821193.95         | 5.18964 | (18022808) | 387190.54 |
| 3821172.42 | 5.12914 (18022808) |         |            |           |
| 387182.36  | 3821150.89         | 5.03025 | (18022808) | 387174.18 |
| 3821129.36 | 4.89517 (18022808) |         |            |           |
| 387166.00  | 3821107.83         | 4.72690 | (18022808) | 387157.82 |
| 3821086.30 | 4.52920 (18022808) |         |            |           |
| 387149.64  | 3821064.77         | 4.30640 | (18022808) | 387141.46 |
| 3821043.24 | 4.18395 (19022324) |         |            |           |
| 387133.28  | 3821021.71         | 4.36863 | (19122824) | 387125.10 |
| 3821000.18 | 4.53754 (19122824) |         |            |           |
| 387116.93  | 3820978.65         | 4.67356 | (19122824) | 387108.75 |
| 3820957.12 | 4.77334 (19122824) |         |            |           |
| 387100.57  | 3820935.59         | 4.83431 | (19122824) | 387092.39 |
| 3820914.07 | 4.85486 (19122824) |         |            |           |
| 387084.21  | 3820892.54         | 4.83438 | (19122824) | 387076.03 |
| 3820871.01 | 4.77330 (19122824) |         |            |           |
| 387067.85  | 3820849.48         | 4.67307 | (19122824) | 387059.67 |
| 3820827.95 | 4.53610 (19122824) |         |            |           |
| 387051.49  | 3820806.42         | 4.62256 | (18120624) | 387043.31 |
| 3820784.89 | 4.67744 (18120624) |         |            |           |
| 387035.14  | 3820763.36         | 4.69272 | (18120624) | 387026.96 |
| 3820741.83 | 4.66793 (18120624) |         |            |           |
| 387018.78  | 3820720.30         | 4.60361 | (18120624) | 387010.60 |
| 3820698.77 | 4.50133 (18120624) |         |            |           |
| 387002.42  | 3820677.24         | 4.59334 | (20120624) | 386994.24 |
| 3820655.71 | 4.68235 (20120624) |         |            |           |
| 386986.06  | 3820634.18         | 4.73215 | (20120624) | 386977.88 |
| 3820612.65 | 4.74141 (20120624) |         |            |           |
| 386969.70  | 3820591.12         | 4.70982 | (20120624) | 386961.52 |
| 3820569.59 | 4.63813 (20120624) |         |            |           |
| 386953.35  | 3820548.06         | 4.63291 | (19010824) | 386945.17 |
| 3820526.53 | 4.75694 (19010824) |         |            |           |
| 386936.99  | 3820505.00         | 4.96287 | (16102924) | 386928.81 |
| 3820483.47 | 5.41072 (16102924) |         |            |           |
| 386920.63  | 3820461.95         | 5.85223 | (16102924) | 386912.45 |
| 3820440.42 | 6.28002 (16102924) |         |            |           |
| 386904.27  | 3820418.89         | 6.68593 | (16102924) | 386896.09 |
| 3820397.36 | 7.06197 (16102924) |         |            |           |
| 386887.91  | 3820375.83         | 7.40040 | (16102924) | 386879.73 |
| 3820354.30 | 7.69398 (16102924) |         |            |           |
| 386871.55  | 3820332.77         | 7.93622 | (16102924) | 386863.38 |
| 3820311.24 | 8.12162 (16102924) |         |            |           |
| 386855.20  | 3820289.71         | 8.24594 | (16102924) | 386847.02 |
| 3820268.18 | 8.30622 (16102924) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386838.84  | 3820246.65         | 8.30101 | (16102924) | 386830.66 |
| 3820225.12 | 8.23040 (16102924) |         |            |           |
| 386822.48  | 3820203.59         | 8.09601 | (16102924) | 386814.30 |
| 3820182.06 | 7.90091 (16102924) |         |            |           |
| 386806.12  | 3820160.53         | 7.64955 | (16102924) | 386797.94 |
| 3820139.00 | 7.34754 (16102924) |         |            |           |
| 386789.76  | 3820117.47         | 7.00150 | (16102924) | 386781.59 |
| 3820095.94 | 6.61885 (16102924) |         |            |           |
| 386773.41  | 3820074.41         | 6.20725 | (16102924) | 386765.23 |
| 3820052.88 | 5.77484 (16102924) |         |            |           |
| 386757.05  | 3820031.36         | 5.32979 | (16102924) | 386748.87 |
| 3820009.83 | 4.87949 (16102924) |         |            |           |
| 386740.69  | 3819988.30         | 4.43137 | (16102924) | 386732.51 |
| 3819966.77 | 3.99201 (16102924) |         |            |           |
| 386724.33  | 3819945.24         | 3.85364 | (17090908) | 386716.15 |
| 3819923.71 | 3.92577 (17090908) |         |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1239

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 386707.97   | 3819902.18         | 3.96392    | (17090908) | 386699.80   |
| 3819880.65  | 3.96707 (17090908) |            |            |             |
| 386691.62   | 3819859.12         | 3.93509    | (17090908) | 386683.44   |
| 3819837.59  | 3.86950 (18121624) |            |            |             |
| 386675.26   | 3819816.06         | 4.00318    | (18121624) | 386667.08   |
| 3819794.53  | 4.10482 (18121624) |            |            |             |
| 386658.90   | 3819773.00         | 4.17177    | (18121624) | 386650.72   |
| 3819751.47  | 4.20224 (18121624) |            |            |             |
| 386642.54   | 3819729.94         | 4.19544    | (18121624) | 386634.36   |
| 3819708.41  | 4.37866 (16122224) |            |            |             |
| 386626.18   | 3819686.88         | 4.52722    | (16122224) | 386618.01   |
| 3819665.35  | 4.63049 (16122224) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386609.83  | 3819643.82         | 4.69428 | (16122224) | 386601.65 |
| 3819622.29 | 4.71677 (16122224) |         |            |           |
| 386593.47  | 3819600.76         | 4.68396 | (16122224) | 386585.29 |
| 3819579.24 | 4.59266 (16122224) |         |            |           |
| 386577.11  | 3819557.71         | 4.46613 | (16122224) | 386568.93 |
| 3819536.18 | 4.31238 (16122224) |         |            |           |
| 386560.75  | 3819514.65         | 4.14959 | (18121524) | 386552.57 |
| 3819493.12 | 4.22496 (18121524) |         |            |           |
| 386544.39  | 3819471.59         | 4.27735 | (18121524) | 386536.21 |
| 3819450.06 | 4.26249 (18121524) |         |            |           |
| 386528.04  | 3819428.53         | 4.19098 | (18121524) | 386519.86 |
| 3819407.00 | 4.07672 (18121524) |         |            |           |
| 386511.68  | 3819385.47         | 4.04174 | (17013024) | 386503.50 |
| 3819363.94 | 4.16318 (17013024) |         |            |           |
| 386495.32  | 3819342.41         | 4.25682 | (17013024) | 386487.14 |
| 3819320.88 | 4.27933 (17013024) |         |            |           |
| 386478.96  | 3819299.35         | 4.23744 | (17013024) | 386470.78 |
| 3819277.82 | 4.16248 (17013024) |         |            |           |
| 386462.60  | 3819256.29         | 4.05423 | (17013024) | 386454.42 |
| 3819234.76 | 3.93285 (18102824) |         |            |           |
| 386446.25  | 3819213.23         | 3.99243 | (18102824) | 386438.07 |
| 3819191.70 | 4.01689 (18102824) |         |            |           |
| 386429.89  | 3819170.17         | 4.00226 | (18102824) | 386421.71 |
| 3819148.64 | 3.95608 (18102824) |         |            |           |
| 386413.53  | 3819127.12         | 3.87537 | (18102824) | 386405.35 |
| 3819105.59 | 3.76178 (18102824) |         |            |           |
| 386397.17  | 3819084.06         | 3.61925 | (18102824) | 386388.99 |
| 3819062.53 | 3.45050 (18102824) |         |            |           |
| 386380.81  | 3819041.00         | 3.23914 | (18102824) | 386372.63 |
| 3819019.47 | 3.09305 (20011508) |         |            |           |
| 386364.46  | 3818997.94         | 3.00253 | (20011508) | 386356.28 |
| 3818976.41 | 2.89386 (20011508) |         |            |           |
| 386348.10  | 3818954.88         | 2.83662 | (17111124) | 386339.92 |
| 3818933.35 | 2.84901 (17111124) |         |            |           |
| 386331.74  | 3818911.82         | 2.94648 | (18031108) | 386323.56 |
| 3818890.29 | 3.11122 (18031108) |         |            |           |
| 386315.38  | 3818868.76         | 3.27329 | (18031108) | 386307.20 |
| 3818847.23 | 3.42764 (18031108) |         |            |           |
| 386299.02  | 3818825.70         | 3.60442 | (18031108) | 386290.84 |
| 3818804.17 | 3.85918 (18031108) |         |            |           |
| 386282.67  | 3818782.64         | 4.06863 | (18031108) | 386274.49 |
| 3818761.11 | 4.19564 (18031108) |         |            |           |
| 386266.31  | 3818739.58         | 4.26226 | (18031108) | 386258.13 |
| 3818718.05 | 4.45191 (18031108) |         |            |           |
| 386249.95  | 3818696.52         | 4.54459 | (18031108) | 386241.77 |
| 3818675.00 | 4.55823 (18031108) |         |            |           |
| 386233.59  | 3818653.47         | 4.52806 | (18031108) | 386225.41 |
| 3818631.94 | 4.61914 (18031108) |         |            |           |
| 386217.23  | 3818610.41         | 4.76090 | (18031108) | 386209.05 |
| 3818588.88 | 4.93155 (18031108) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386200.87  | 3818567.35         | 4.97121 | (18031108) | 386192.70 |
| 3818545.82 | 4.96539 (18031108) |         |            |           |
| 386184.52  | 3818524.29         | 4.96206 | (18031108) | 386176.34 |
| 3818502.76 | 4.90677 (18031108) |         |            |           |
| 386168.16  | 3818481.23         | 4.83989 | (18031108) | 386159.98 |
| 3818459.70 | 4.75566 (18031108) |         |            |           |
| 386151.80  | 3818438.17         | 4.65318 | (18031108) | 386143.62 |
| 3818416.64 | 4.57708 (17121524) |         |            |           |
| 386135.44  | 3818395.11         | 4.54265 | (17030408) | 386127.26 |
| 3818373.58 | 4.64654 (17030408) |         |            |           |
| 386119.08  | 3818352.05         | 4.72247 | (17030408) | 386110.91 |
| 3818330.52 | 4.76797 (17030408) |         |            |           |
| 386102.73  | 3818308.99         | 4.81138 | (16111424) | 386094.55 |
| 3818287.46 | 4.83264 (16111424) |         |            |           |
| 386086.37  | 3818265.93         | 4.81273 | (16111424) | 386078.19 |
| 3818244.41 | 4.75231 (16111424) |         |            |           |
| 386070.01  | 3818222.88         | 4.65291 | (16111424) | 386061.83 |
| 3818201.35 | 4.51713 (16111424) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1240

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 386053.65   | 3818179.82         | 4.34835    | (16111424) | 386045.47   |
| 3818158.29  | 4.15068 (16111424) |            |            |             |
| 386037.29   | 3818136.76         | 3.95111    | (17011708) | 386029.12   |
| 3818115.23  | 4.16836 (17011708) |            |            |             |
| 386020.94   | 3818093.70         | 4.36048    | (17011708) | 386012.76   |
| 3818072.17  | 4.52309 (17011708) |            |            |             |
| 386004.58   | 3818050.64         | 4.65239    | (17011708) | 385996.40   |
| 3818029.11  | 4.74534 (17011708) |            |            |             |
| 385988.22   | 3818007.58         | 4.79973    | (17011708) | 385980.04   |
| 3817986.05  | 4.81432 (17011708) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 385971.86  | 3817964.52          | 4.78885  | (17011708) | 385963.68 |
| 3817942.99 | 4.72405 (17011708)  |          |            |           |
| 385955.50  | 3817921.46          | 4.62161  | (17011708) | 385947.33 |
| 3817899.93 | 4.48414 (17011708)  |          |            |           |
| 385939.15  | 3817878.40          | 4.31498  | (17011708) | 385930.97 |
| 3817856.87 | 4.25035 (18030608)  |          |            |           |
| 385922.79  | 3817835.34          | 4.26277  | (18030608) | 385914.61 |
| 3817813.81 | 4.24017 (18030608)  |          |            |           |
| 385906.43  | 3817792.29          | 4.18325  | (18030608) | 385898.25 |
| 3817770.76 | 4.14358 (17030224)  |          |            |           |
| 385890.07  | 3817749.23          | 4.26139  | (17030224) | 385881.89 |
| 3817727.70 | 4.34705 (17030224)  |          |            |           |
| 385873.71  | 3817706.17          | 4.39865  | (17030224) | 385865.53 |
| 3817684.64 | 4.44284m (19011124) |          |            |           |
| 385857.36  | 3817663.11          | 4.68214m | (19011124) | 385849.18 |
| 3817641.58 | 4.89429m (19011124) |          |            |           |
| 385841.00  | 3817620.05          | 5.07467m | (19011124) | 385832.82 |
| 3817598.52 | 5.21925m (19011124) |          |            |           |
| 385824.64  | 3817576.99          | 5.32480m | (19011124) | 385816.46 |
| 3817555.46 | 5.38895m (19011124) |          |            |           |
| 385808.28  | 3817533.93          | 5.41031m | (19011124) | 385800.10 |
| 3817512.40 | 5.38850m (19011124) |          |            |           |
| 385791.92  | 3817490.87          | 5.32419m | (19011124) | 385783.74 |
| 3817469.34 | 5.21903m (19011124) |          |            |           |
| 385464.76  | 3816629.69          | 4.37466  | (17011308) | 385456.58 |
| 3816608.16 | 4.42106 (17011308)  |          |            |           |
| 385448.40  | 3816586.63          | 4.43442  | (17011308) | 385440.23 |
| 3816565.10 | 4.30167 (17011308)  |          |            |           |
| 385432.05  | 3816543.57          | 4.10604  | (17011308) | 385423.87 |
| 3816522.04 | 3.89041 (17011308)  |          |            |           |
| 385415.69  | 3816500.51          | 3.73163  | (19110708) | 385407.51 |
| 3816478.98 | 3.71545 (19110708)  |          |            |           |
| 385399.33  | 3816457.46          | 3.66008  | (19110708) | 385391.15 |
| 3816435.93 | 3.63241 (19110708)  |          |            |           |
| 385382.97  | 3816414.40          | 3.78138  | (19110708) | 385374.79 |
| 3816392.87 | 3.96077 (19110708)  |          |            |           |
| 385366.61  | 3816371.34          | 4.10312  | (19110708) | 385358.44 |
| 3816349.81 | 4.22113 (19110708)  |          |            |           |
| 385350.26  | 3816328.28          | 4.23597  | (19110708) | 385342.08 |
| 3816306.75 | 4.09870 (19110708)  |          |            |           |
| 385333.90  | 3816285.22          | 3.93915  | (19110708) | 385325.72 |
| 3816263.69 | 3.76043 (19110708)  |          |            |           |
| 385317.54  | 3816242.16          | 3.57979  | (18010224) | 385309.36 |
| 3816220.63 | 3.68012 (18010808)  |          |            |           |
| 385301.18  | 3816199.10          | 3.82477  | (18010808) | 385293.00 |
| 3816177.57 | 3.94838 (18010808)  |          |            |           |
| 385284.82  | 3816156.04          | 4.04872  | (18010808) | 385276.64 |
| 3816134.51 | 4.12398 (18010808)  |          |            |           |
| 385268.47  | 3816112.98          | 4.17282  | (18010808) | 385260.29 |
| 3816091.45 | 4.19441 (18010808)  |          |            |           |



|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385252.11  | 3816069.92         | 4.18845 | (18010808) | 394324.49 |
| 3825538.74 | 1.05378 (20050508) |         |            |           |
| 394347.55  | 3825539.16         | 1.05925 | (20050508) | 394370.60 |
| 3825539.58 | 1.06057 (20050508) |         |            |           |
| 394393.66  | 3825540.00         | 1.03977 | (20050508) | 394416.72 |
| 3825540.42 | 1.00981 (20071608) |         |            |           |
| 394439.78  | 3825540.84         | 1.00940 | (20071608) | 394462.83 |
| 3825541.26 | 1.00690 (20071608) |         |            |           |
| 392672.51  | 3826184.49         | 1.18424 | (20010108) | 392651.45 |
| 3826175.21 | 1.21173 (17021124) |         |            |           |
| 392630.39  | 3826165.94         | 1.24568 | (17021124) | 392609.33 |
| 3826156.67 | 1.26110 (17021124) |         |            |           |
| 392588.27  | 3826147.40         | 1.26371 | (17021124) | 392567.20 |
| 3826138.13 | 1.27372 (17021124) |         |            |           |
| 392546.14  | 3826128.85         | 1.28206 | (17021124) | 392525.08 |
| 3826119.58 | 1.28939 (17021124) |         |            |           |
| 392504.02  | 3826110.31         | 1.29152 | (17021124) | 392482.96 |
| 3826101.04 | 1.29624 (17021124) |         |            |           |
| 392461.89  | 3826091.77         | 1.31098 | (17021124) | 392440.83 |
| 3826082.50 | 1.31209 (20091624) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1241

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 392419.77   | 3826073.22         | 1.35606    | (20091624) | 392398.71   |
| 3826063.95  | 1.39102 (20091624) |            |            |             |
| 392377.65   | 3826054.68         | 1.42237    | (20091624) | 392356.58   |
| 3826045.41  | 1.43947 (20032208) |            |            |             |
| 392335.52   | 3826036.14         | 1.49592    | (20032208) | 392314.46   |
| 3826026.86  | 1.60331 (20032208) |            |            |             |
| 392293.40   | 3826017.59         | 1.71406    | (20032208) | 392272.34   |
| 3826008.32  | 1.83863 (20032208) |            |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 392251.28  | 3825999.05          | 1.94068  | (20032208) | 392230.21 |
| 3825989.78 | 1.99957 (20032208)  |          |            |           |
| 392209.15  | 3825980.51          | 2.05527  | (20032208) | 392188.09 |
| 3825971.23 | 2.12153 (20032208)  |          |            |           |
| 392167.03  | 3825961.96          | 2.18506  | (20032208) | 392145.97 |
| 3825952.69 | 2.24296 (20032208)  |          |            |           |
| 392124.90  | 3825943.42          | 2.28646  | (20032208) | 392103.84 |
| 3825934.15 | 2.33566 (20032208)  |          |            |           |
| 392082.78  | 3825924.87          | 2.37160  | (20032208) | 392061.72 |
| 3825915.60 | 2.38830 (20032208)  |          |            |           |
| 392040.66  | 3825906.33          | 2.41010  | (20032208) | 392019.59 |
| 3825897.06 | 2.43808 (20032208)  |          |            |           |
| 391998.53  | 3825887.79          | 2.47032  | (20032208) | 391977.47 |
| 3825878.52 | 2.52487 (20032208)  |          |            |           |
| 391956.41  | 3825869.24          | 2.55158  | (20032208) | 391935.35 |
| 3825859.97 | 2.53958 (20032208)  |          |            |           |
| 391914.28  | 3825850.70          | 2.51365  | (20032208) | 391893.22 |
| 3825841.43 | 2.48267 (20032208)  |          |            |           |
| 391872.16  | 3825832.16          | 2.45727  | (20032208) | 391851.10 |
| 3825822.88 | 2.40883 (20032208)  |          |            |           |
| 391830.04  | 3825813.61          | 2.30924  | (20032208) | 391808.97 |
| 3825804.34 | 2.25512 (18110408)  |          |            |           |
| 391787.91  | 3825795.07          | 2.22809  | (18110408) | 391766.85 |
| 3825785.80 | 2.19909 (18110408)  |          |            |           |
| 391745.79  | 3825776.53          | 2.19182  | (16022308) | 391724.73 |
| 3825767.25 | 2.24711 (16022308)  |          |            |           |
| 391703.67  | 3825757.98          | 2.29286  | (16022308) | 391682.60 |
| 3825748.71 | 2.32410 (16022308)  |          |            |           |
| 391661.54  | 3825739.44          | 2.33856  | (16022308) | 391640.48 |
| 3825730.17 | 2.40525 (16022308)  |          |            |           |
| 391619.42  | 3825720.89          | 2.53637  | (16022308) | 391598.36 |
| 3825711.62 | 2.55123 (16022308)  |          |            |           |
| 391577.29  | 3825702.35          | 2.52618  | (16022308) | 391556.23 |
| 3825693.08 | 2.50654 (16022308)  |          |            |           |
| 391535.17  | 3825683.81          | 2.47051  | (16022308) | 391514.11 |
| 3825674.53 | 2.39156 (16022308)  |          |            |           |
| 391493.05  | 3825665.26          | 2.33241  | (16022308) | 391471.98 |
| 3825655.99 | 2.35720m (20100708) |          |            |           |
| 391450.92  | 3825646.72          | 2.45204m | (20100708) | 391429.86 |
| 3825637.45 | 2.53225m (20100708) |          |            |           |
| 391408.80  | 3825628.18          | 2.61600m | (20100708) | 391387.74 |
| 3825618.90 | 2.73500m (20100708) |          |            |           |
| 391366.67  | 3825609.63          | 2.82699m | (20100708) | 391345.61 |
| 3825600.36 | 2.91415m (20100708) |          |            |           |
| 391324.55  | 3825591.09          | 2.99518m | (20100708) | 391303.49 |
| 3825581.82 | 3.02734m (20100708) |          |            |           |
| 391282.43  | 3825572.54          | 3.03333  | (20032008) | 391261.36 |
| 3825563.27 | 3.02591 (20032008)  |          |            |           |
| 391240.30  | 3825554.00          | 3.02774  | (20032008) | 391219.24 |
| 3825544.73 | 3.04316 (20032008)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 391198.18  | 3825535.46         | 3.06034 | (20032008) | 391177.12 |
| 3825526.19 | 3.08012 (20032008) |         |            |           |
| 391156.06  | 3825516.91         | 3.11773 | (20032008) | 391134.99 |
| 3825507.64 | 3.19215 (20032008) |         |            |           |
| 391113.93  | 3825498.37         | 3.30954 | (20032008) | 391092.87 |
| 3825489.10 | 3.48231 (20032008) |         |            |           |
| 391071.81  | 3825479.83         | 3.64420 | (20032008) | 391050.75 |
| 3825470.55 | 3.79778 (20032008) |         |            |           |
| 391029.68  | 3825461.28         | 3.90183 | (20032008) | 391008.62 |
| 3825452.01 | 3.92514 (20032008) |         |            |           |
| 390987.56  | 3825442.74         | 3.93028 | (20032008) | 390966.50 |
| 3825433.47 | 3.90848 (20032008) |         |            |           |
| 390945.44  | 3825424.20         | 3.88284 | (20032008) | 390924.37 |
| 3825414.92 | 3.86605 (20032008) |         |            |           |
| 390903.31  | 3825405.65         | 3.82331 | (20032008) | 390882.25 |
| 3825396.38 | 3.76347 (18020308) |         |            |           |
| 390861.19  | 3825387.11         | 3.75768 | (20022708) | 390840.13 |
| 3825377.84 | 3.92326 (20022708) |         |            |           |
| 390819.06  | 3825368.56         | 4.06598 | (20022708) | 390798.00 |
| 3825359.29 | 4.18271 (20022708) |         |            |           |
| 390776.94  | 3825350.02         | 4.27104 | (20022708) | 390755.88 |
| 3825340.75 | 4.32908 (20022708) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1242

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 390734.82   | 3825331.48         | 4.35556    | (20022708) | 390713.75   |
| 3825322.21  | 4.34989 (20022708) |            |            |             |
| 390692.69   | 3825312.93         | 4.31221    | (20022708) | 390671.63   |
| 3825303.66  | 4.24336 (20022708) |            |            |             |
| 390650.57   | 3825294.39         | 4.14486    | (20022708) | 390629.51   |
| 3825285.12  | 4.01884 (20022708) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 390608.45  | 3825275.85         | 3.86797 | (20022708) | 390587.38 |
| 3825266.57 | 3.69526 (20022708) |         |            |           |
| 390566.32  | 3825257.30         | 3.66045 | (18032008) | 390545.26 |
| 3825248.03 | 3.76956 (20011808) |         |            |           |
| 390524.20  | 3825238.76         | 3.93269 | (20011808) | 390503.14 |
| 3825229.49 | 4.07269 (20011808) |         |            |           |
| 390482.07  | 3825220.22         | 4.18669 | (20011808) | 390461.01 |
| 3825210.94 | 4.27222 (20011808) |         |            |           |
| 390439.95  | 3825201.67         | 4.32746 | (20011808) | 390418.89 |
| 3825192.40 | 4.35125 (20011808) |         |            |           |
| 390397.83  | 3825183.13         | 4.34308 | (20011808) | 390376.76 |
| 3825173.86 | 4.30313 (20011808) |         |            |           |
| 390355.70  | 3825164.58         | 4.23233 | (20011808) | 390334.64 |
| 3825155.31 | 4.13224 (20011808) |         |            |           |
| 390313.58  | 3825146.04         | 4.22706 | (19120108) | 390292.52 |
| 3825136.77 | 4.29662 (19120108) |         |            |           |
| 390271.45  | 3825127.50         | 4.33539 | (19120108) | 390250.39 |
| 3825118.22 | 4.34253 (19120108) |         |            |           |
| 390229.33  | 3825108.95         | 4.31793 | (19120108) | 390208.27 |
| 3825099.68 | 4.26216 (19120108) |         |            |           |
| 390187.21  | 3825090.41         | 4.17645 | (19120108) | 390166.14 |
| 3825081.14 | 4.06263 (19120108) |         |            |           |
| 390145.08  | 3825071.87         | 4.13700 | (19120508) | 390124.02 |
| 3825062.59 | 4.18938 (19120508) |         |            |           |
| 390102.96  | 3825053.32         | 4.21155 | (19120508) | 390081.90 |
| 3825044.05 | 4.20309 (19120508) |         |            |           |
| 390060.84  | 3825034.78         | 4.16422 | (19120508) | 390039.77 |
| 3825025.51 | 4.09577 (19120508) |         |            |           |
| 390018.71  | 3825016.23         | 4.15846 | (17031324) | 389997.65 |
| 3825006.96 | 4.24923 (17031324) |         |            |           |
| 389976.59  | 3824997.69         | 4.31196 | (17031324) | 389955.53 |
| 3824988.42 | 4.37978 (16121408) |         |            |           |
| 389934.46  | 3824979.15         | 4.69442 | (16121408) | 389913.40 |
| 3824969.88 | 4.99778 (16121408) |         |            |           |
| 389892.34  | 3824960.60         | 5.28526 | (16121408) | 389871.28 |
| 3824951.33 | 5.55201 (16121408) |         |            |           |
| 389850.22  | 3824942.06         | 5.79356 | (16121408) | 389829.15 |
| 3824932.79 | 6.00575 (16121408) |         |            |           |
| 389808.09  | 3824923.52         | 6.18465 | (16121408) | 389787.03 |
| 3824914.24 | 6.32716 (16121408) |         |            |           |
| 389765.97  | 3824904.97         | 6.43061 | (16121408) | 389744.91 |
| 3824895.70 | 6.49321 (16121408) |         |            |           |
| 389723.84  | 3824886.43         | 6.51386 | (16121408) | 389555.35 |
| 3824812.25 | 5.29815 (16121408) |         |            |           |
| 389534.29  | 3824802.98         | 5.01691 | (16121408) | 389513.23 |
| 3824793.71 | 4.72062 (16121408) |         |            |           |
| 389492.16  | 3824784.44         | 4.41373 | (16121408) | 389471.10 |
| 3824775.17 | 4.21129 (17091024) |         |            |           |
| 389450.04  | 3824765.90         | 4.20384 | (17091024) | 389428.98 |
| 3824756.62 | 4.17033 (17091024) |         |            |           |

|            |                     |                     |           |
|------------|---------------------|---------------------|-----------|
| 389407.92  | 3824747.35          | 4.11508c (20073108) | 389386.85 |
| 3824738.08 | 4.16185c (20073108) |                     |           |
| 389365.79  | 3824728.81          | 4.20658c (20073108) | 389344.73 |
| 3824719.54 | 4.24859c (20073108) |                     |           |
| 389323.67  | 3824710.26          | 4.28688c (20073108) | 389302.61 |
| 3824700.99 | 4.32009c (20073108) |                     |           |
| 389281.54  | 3824691.72          | 4.34670c (20073108) | 389260.48 |
| 3824682.45 | 4.36501c (20073108) |                     |           |
| 389239.42  | 3824673.18          | 4.37325c (20073108) | 389218.36 |
| 3824663.91 | 4.36967c (20073108) |                     |           |
| 389197.30  | 3824654.63          | 4.35262c (20073108) | 389176.23 |
| 3824645.36 | 4.32060c (20073108) |                     |           |
| 389155.17  | 3824636.09          | 4.27248c (20073108) | 389134.11 |
| 3824626.82 | 4.25597 (20111108)  |                     |           |
| 389113.05  | 3824617.55          | 4.23821 (20111108)  | 389091.99 |
| 3824608.27 | 4.19164 (20111108)  |                     |           |
| 389070.92  | 3824599.00          | 4.11726 (20111108)  | 389049.86 |
| 3824589.73 | 4.01669 (20111108)  |                     |           |
| 389028.80  | 3824580.46          | 3.89196 (20111108)  | 389007.74 |
| 3824571.19 | 3.74555 (20111108)  |                     |           |
| 388986.68  | 3824561.91          | 3.58024 (20111108)  | 388965.62 |
| 3824552.64 | 3.73544 (18011724)  |                     |           |
| 388944.55  | 3824543.37          | 3.96107 (18011724)  | 388923.49 |
| 3824534.10 | 4.17635 (18011724)  |                     |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1243

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 388902.43   | 3824524.83  | 4.37879    | (18011724) | 388881.37   |
| 3824515.56  | 4.56595     | (18011724) |            |             |
| 388860.31   | 3824506.28  | 4.73571    | (18011724) | 388839.24   |
| 3824497.01  | 4.88610     | (18011724) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388818.18  | 3824487.74          | 5.01547  | (18011724) | 388797.12 |
| 3824478.47 | 5.12263 (18011724)  |          |            |           |
| 388776.06  | 3824469.20          | 5.20667  | (18011724) | 388755.00 |
| 3824459.92 | 5.26706 (18011724)  |          |            |           |
| 388733.93  | 3824450.65          | 5.30358  | (18011724) | 388712.87 |
| 3824441.38 | 5.31635 (18011724)  |          |            |           |
| 388691.81  | 3824432.11          | 5.30584  | (18011724) | 388670.75 |
| 3824422.84 | 5.27275 (18011724)  |          |            |           |
| 388649.69  | 3824413.57          | 5.21803  | (18011724) | 388628.62 |
| 3824404.29 | 5.14279 (18011724)  |          |            |           |
| 388607.56  | 3824395.02          | 5.04844  | (18011724) | 388586.50 |
| 3824385.75 | 4.93638 (18011724)  |          |            |           |
| 388565.44  | 3824376.48          | 4.80815  | (18011724) | 388544.38 |
| 3824367.21 | 4.66536 (18011724)  |          |            |           |
| 388523.31  | 3824357.93          | 4.50955  | (18011724) | 388502.25 |
| 3824348.66 | 4.34257 (18011724)  |          |            |           |
| 388481.19  | 3824339.39          | 4.16599  | (18011724) | 388460.13 |
| 3824330.12 | 3.98145 (18011724)  |          |            |           |
| 388439.07  | 3824320.85          | 3.79059  | (18011724) | 388418.01 |
| 3824311.58 | 3.59498 (18011724)  |          |            |           |
| 388396.94  | 3824302.30          | 3.39605  | (18011724) | 388375.88 |
| 3824293.03 | 3.19553 (18011724)  |          |            |           |
| 388354.82  | 3824283.76          | 3.12111  | (19082108) | 388333.76 |
| 3824274.49 | 3.16958 (19082108)  |          |            |           |
| 388312.70  | 3824265.22          | 3.20140  | (19082108) | 388291.63 |
| 3824255.94 | 3.21622 (19082108)  |          |            |           |
| 388270.57  | 3824246.67          | 3.31141  | (19062708) | 388249.51 |
| 3824237.40 | 3.43890 (19062708)  |          |            |           |
| 388228.45  | 3824228.13          | 3.54869  | (19062708) | 388207.39 |
| 3824218.86 | 3.63890 (19062708)  |          |            |           |
| 388186.32  | 3824209.59          | 3.70798  | (19062708) | 388165.26 |
| 3824200.31 | 3.75469 (19062708)  |          |            |           |
| 388144.20  | 3824191.04          | 3.77825  | (19062708) | 388123.14 |
| 3824181.77 | 3.77832 (19062708)  |          |            |           |
| 388102.08  | 3824172.50          | 3.75498  | (19062708) | 388081.01 |
| 3824163.23 | 3.70873 (19062708)  |          |            |           |
| 388059.95  | 3824153.95          | 3.64050  | (19062708) | 388038.89 |
| 3824144.68 | 3.55163 (19062708)  |          |            |           |
| 388017.83  | 3824135.41          | 3.44376  | (19062708) | 387996.77 |
| 3824126.14 | 3.31885 (19062708)  |          |            |           |
| 387975.70  | 3824116.87          | 3.17901  | (19062708) | 387954.64 |
| 3824107.59 | 3.14974c (19090108) |          |            |           |
| 387933.58  | 3824098.32          | 3.13463c | (19090108) | 387912.52 |
| 3824089.05 | 3.15038 (20010724)  |          |            |           |
| 387891.46  | 3824079.78          | 3.25685  | (20010724) | 387870.40 |
| 3824070.51 | 3.34650 (20010724)  |          |            |           |
| 387849.33  | 3824061.24          | 3.41788  | (20010724) | 387828.27 |
| 3824051.96 | 3.46979 (20010724)  |          |            |           |
| 387807.21  | 3824042.69          | 3.50135  | (20010724) | 387786.15 |
| 3824033.42 | 3.51212 (20010724)  |          |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387765.09  | 3824024.15         | 3.50199 | (20010724) | 387744.02 |
| 3824014.88 | 3.50400 (19120508) |         |            |           |
| 387722.96  | 3824005.60         | 3.60907 | (19120508) | 387701.90 |
| 3823996.33 | 3.69868 (19120508) |         |            |           |
| 387680.84  | 3823987.06         | 3.77155 | (19120508) | 387659.78 |
| 3823977.79 | 3.82657 (19120508) |         |            |           |
| 387638.71  | 3823968.52         | 3.86296 | (19120508) | 387617.65 |
| 3823959.25 | 3.88017 (19120508) |         |            |           |
| 387596.59  | 3823949.97         | 3.87801 | (19120508) | 387575.53 |
| 3823940.70 | 3.85658 (19120508) |         |            |           |
| 387554.47  | 3823931.43         | 3.81632 | (19120508) | 387533.40 |
| 3823922.16 | 3.75789 (19120508) |         |            |           |
| 387512.34  | 3823912.89         | 3.68233 | (19120508) | 387491.28 |
| 3823903.61 | 3.59083 (19120508) |         |            |           |
| 387470.22  | 3823894.34         | 3.48486 | (19120508) | 387449.16 |
| 3823885.07 | 3.36603 (19120508) |         |            |           |
| 387428.09  | 3823875.80         | 3.23603 | (19120508) | 387407.03 |
| 3823866.53 | 3.37262 (17010724) |         |            |           |
| 387385.97  | 3823857.26         | 3.50811 | (17010724) | 387364.91 |
| 3823847.98 | 3.62946 (17010724) |         |            |           |
| 387343.85  | 3823838.71         | 3.73373 | (17010724) | 387322.79 |
| 3823829.44 | 3.81938 (17010724) |         |            |           |
| 387301.72  | 3823820.17         | 3.88512 | (17010724) | 387280.66 |
| 3823810.90 | 3.92992 (17010724) |         |            |           |
| 387259.60  | 3823801.62         | 3.95316 | (17010724) | 387238.54 |
| 3823792.35 | 3.95453 (17010724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1244

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 387217.48   | 3823783.08         | 3.93412    | (17010724) | 387196.41   |
| 3823773.81  | 3.89233 (17010724) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 387175.35  | 3823764.54         | 3.82998 | (17010724) | 387112.17 |
| 3823736.72 | 3.84315 (18111108) |         |            |           |
| 387091.10  | 3823727.45         | 3.95659 | (18111108) | 387070.04 |
| 3823718.18 | 4.05730 (18111108) |         |            |           |
| 387048.98  | 3823708.91         | 4.14462 | (18111108) | 387027.92 |
| 3823699.63 | 4.21801 (18111108) |         |            |           |
| 387006.86  | 3823690.36         | 4.27703 | (18111108) | 386985.79 |
| 3823681.09 | 4.32149 (18111108) |         |            |           |
| 386964.73  | 3823671.82         | 4.35129 | (18111108) | 386943.67 |
| 3823662.55 | 4.36649 (18111108) |         |            |           |
| 386922.61  | 3823653.28         | 4.36730 | (18111108) | 386901.55 |
| 3823644.00 | 4.35401 (18111108) |         |            |           |
| 386880.48  | 3823634.73         | 4.32701 | (18111108) | 386859.42 |
| 3823625.46 | 4.28684 (18111108) |         |            |           |
| 386838.36  | 3823616.19         | 4.23406 | (18111108) | 386817.30 |
| 3823606.92 | 4.16931 (18111108) |         |            |           |
| 386788.06  | 3823576.13         | 4.01270 | (18111108) | 386779.89 |
| 3823554.62 | 3.92112 (18111108) |         |            |           |
| 386771.72  | 3823533.11         | 3.81922 | (18111108) | 386763.55 |
| 3823511.59 | 3.70772 (18111108) |         |            |           |
| 386755.37  | 3823490.08         | 3.58750 | (18111108) | 386747.20 |
| 3823468.57 | 3.45946 (18111108) |         |            |           |
| 386739.03  | 3823447.06         | 3.34007 | (18070508) | 386730.86 |
| 3823425.55 | 3.30156 (18070508) |         |            |           |
| 386722.68  | 3823404.03         | 3.24522 | (18070508) | 386714.51 |
| 3823382.52 | 3.31838 (19111224) |         |            |           |
| 386706.34  | 3823361.01         | 3.38561 | (19111224) | 386698.17 |
| 3823339.50 | 3.43488 (19111224) |         |            |           |
| 386689.99  | 3823317.98         | 3.46529 | (19111224) | 386681.82 |
| 3823296.47 | 3.47624 (19111224) |         |            |           |
| 386673.65  | 3823274.96         | 3.46749 | (19111224) | 386665.48 |
| 3823253.45 | 3.43912 (19111224) |         |            |           |
| 386657.30  | 3823231.93         | 3.39149 | (19111224) | 386649.13 |
| 3823210.42 | 3.32540 (19111224) |         |            |           |
| 386640.96  | 3823188.91         | 3.24187 | (19111224) | 386632.79 |
| 3823167.40 | 3.14221 (19111224) |         |            |           |
| 386624.61  | 3823145.88         | 3.02790 | (19111224) | 386616.44 |
| 3823124.37 | 2.90087 (19111224) |         |            |           |
| 386608.27  | 3823102.86         | 2.89676 | (19112124) | 386600.10 |
| 3823081.35 | 3.02729 (19112124) |         |            |           |
| 386591.92  | 3823059.84         | 3.14547 | (19112124) | 386583.75 |
| 3823038.32 | 3.24935 (19112124) |         |            |           |
| 386575.58  | 3823016.81         | 3.34558 | (20022908) | 386567.41 |
| 3822995.30 | 3.63974 (20022908) |         |            |           |
| 386559.23  | 3822973.79         | 3.93887 | (20022908) | 386551.06 |
| 3822952.27 | 4.23997 (20022908) |         |            |           |
| 386542.89  | 3822930.76         | 4.53970 | (20022908) | 386534.72 |
| 3822909.25 | 4.83475 (20022908) |         |            |           |
| 386526.54  | 3822887.74         | 5.12161 | (20022908) | 386518.37 |
| 3822866.22 | 5.39654 (20022908) |         |            |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 386510.20  | 3822844.71 | 5.65572    | (20022908) | 386502.03 |
| 3822823.20 | 5.89559    | (20022908) |            |           |
| 386493.85  | 3822801.69 | 6.11270    | (20022908) | 386485.68 |
| 3822780.17 | 6.30375    | (20022908) |            |           |
| 386477.51  | 3822758.66 | 6.46566    | (20022908) | 386469.34 |
| 3822737.15 | 6.59594    | (20022908) |            |           |
| 386461.16  | 3822715.64 | 6.69245    | (20022908) | 386452.99 |
| 3822694.12 | 6.75353    | (20022908) |            |           |
| 386444.82  | 3822672.61 | 6.77809    | (20022908) | 386436.65 |
| 3822651.10 | 6.76566    | (20022908) |            |           |
| 386428.47  | 3822629.59 | 6.71631    | (20022908) | 386420.30 |
| 3822608.08 | 6.63078    | (20022908) |            |           |
| 386412.13  | 3822586.56 | 6.51030    | (20022908) | 386403.96 |
| 3822565.05 | 6.35679    | (20022908) |            |           |
| 386395.78  | 3822543.54 | 6.17248    | (20022908) | 386387.61 |
| 3822522.03 | 5.96029    | (20022908) |            |           |
| 386379.44  | 3822500.51 | 5.72322    | (20022908) | 386371.27 |
| 3822479.00 | 5.46492    | (20022908) |            |           |
| 386363.09  | 3822457.49 | 5.18889    | (20022908) | 386354.92 |
| 3822435.98 | 4.89910    | (20022908) |            |           |
| 386346.75  | 3822414.46 | 4.59920    | (20022908) | 386338.58 |
| 3822392.95 | 4.29321    | (20022908) |            |           |
| 386330.40  | 3822371.44 | 4.01443    | (16102124) | 386322.23 |
| 3822349.93 | 3.97249    | (16102124) |            |           |
| 386314.06  | 3822328.41 | 3.90626    | (16102124) | 386305.89 |
| 3822306.90 | 3.86950    | (19112108) |            |           |
| 386297.71  | 3822285.39 | 3.95488    | (19112108) | 386289.54 |
| 3822263.88 | 4.01668    | (19112108) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1245

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

- - - - -  
 - - - - -

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386281.37  | 3822242.37         | 4.05368 | (19112108) | 386273.20 |
| 3822220.85 | 4.06513 (19112108) |         |            |           |
| 386265.02  | 3822199.34         | 4.05071 | (19112108) | 386256.85 |
| 3822177.83 | 4.16456 (19020208) |         |            |           |
| 386248.68  | 3822156.32         | 4.26564 | (19020208) | 386240.51 |
| 3822134.80 | 4.34776 (19020208) |         |            |           |
| 386232.33  | 3822113.29         | 4.40921 | (19020208) | 386224.16 |
| 3822091.78 | 4.44868 (19020208) |         |            |           |
| 386215.99  | 3822070.27         | 4.46519 | (19020208) | 386207.82 |
| 3822048.75 | 4.45818 (19020208) |         |            |           |
| 386199.64  | 3822027.24         | 4.42747 | (19020208) | 386191.47 |
| 3822005.73 | 4.37336 (19020208) |         |            |           |
| 386183.30  | 3821984.22         | 4.29653 | (19020208) | 386175.13 |
| 3821962.70 | 4.25763 (18022808) |         |            |           |
| 386166.95  | 3821941.19         | 4.34291 | (18022808) | 386158.78 |
| 3821919.68 | 4.40368 (18022808) |         |            |           |
| 386150.61  | 3821898.17         | 4.43865 | (18022808) | 386142.44 |
| 3821876.66 | 4.44698 (18022808) |         |            |           |
| 386134.26  | 3821855.14         | 4.42835 | (18022808) | 386126.09 |
| 3821833.63 | 4.38301 (18022808) |         |            |           |
| 386117.92  | 3821812.12         | 4.31167 | (18022808) | 386109.75 |
| 3821790.61 | 4.21559 (18022808) |         |            |           |
| 386101.57  | 3821769.09         | 4.09638 | (18022808) | 386093.40 |
| 3821747.58 | 3.95630 (18022808) |         |            |           |
| 386085.23  | 3821726.07         | 3.79772 | (18022808) | 386077.06 |
| 3821704.56 | 3.62338 (18022808) |         |            |           |
| 386068.88  | 3821683.04         | 3.55767 | (19022324) | 386060.71 |
| 3821661.53 | 3.69359 (19122824) |         |            |           |
| 386052.54  | 3821640.02         | 3.82656 | (19122824) | 386044.37 |
| 3821618.51 | 3.93805 (19122824) |         |            |           |
| 386036.19  | 3821596.99         | 4.02592 | (19122824) | 386028.02 |
| 3821575.48 | 4.08830 (19122824) |         |            |           |
| 386019.85  | 3821553.97         | 4.12398 | (19122824) | 386011.68 |
| 3821532.46 | 4.13218 (19122824) |         |            |           |
| 386003.50  | 3821510.95         | 4.11268 | (19122824) | 385995.33 |
| 3821489.43 | 4.06581 (19122824) |         |            |           |
| 385987.16  | 3821467.92         | 3.99249 | (19122824) | 385978.99 |
| 3821446.41 | 3.89411 (19122824) |         |            |           |
| 385970.81  | 3821424.90         | 3.90136 | (18120624) | 385962.64 |
| 3821403.38 | 3.95818 (18120624) |         |            |           |
| 385954.47  | 3821381.87         | 3.98875 | (18120624) | 385946.30 |
| 3821360.36 | 3.99241 (18120624) |         |            |           |
| 385938.12  | 3821338.85         | 3.96904 | (18120624) | 385929.95 |
| 3821317.33 | 3.91907 (18120624) |         |            |           |
| 385921.78  | 3821295.82         | 3.84348 | (18120624) | 385913.61 |
| 3821274.31 | 3.87801 (20120624) |         |            |           |
| 385905.43  | 3821252.80         | 3.95654 | (20120624) | 385897.26 |
| 3821231.28 | 4.00923 (20120624) |         |            |           |
| 385889.09  | 3821209.77         | 4.03495 | (20120624) | 385880.92 |
| 3821188.26 | 4.03317 (20120624) |         |            |           |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385872.74  | 3821166.75         | 4.00386 | (20120624) | 385864.57 |
| 3821145.23 | 3.94757 (20120624) |         |            |           |
| 385856.40  | 3821123.72         | 3.91974 | (19010824) | 385848.23 |
| 3821102.21 | 4.02085 (19010824) |         |            |           |
| 385840.05  | 3821080.70         | 4.09635 | (19010824) | 385831.88 |
| 3821059.19 | 4.35071 (16102924) |         |            |           |
| 385823.71  | 3821037.67         | 4.68846 | (16102924) | 385815.54 |
| 3821016.16 | 5.02070 (16102924) |         |            |           |
| 385807.36  | 3820994.65         | 5.34299 | (16102924) | 385799.19 |
| 3820973.14 | 5.65043 (16102924) |         |            |           |
| 385791.02  | 3820951.62         | 5.93842 | (16102924) | 385782.85 |
| 3820930.11 | 6.20207 (16102924) |         |            |           |
| 385774.67  | 3820908.60         | 6.43711 | (16102924) | 385766.50 |
| 3820887.09 | 6.63943 (16102924) |         |            |           |
| 385758.33  | 3820865.57         | 6.80554 | (16102924) | 385750.16 |
| 3820844.06 | 6.93231 (16102924) |         |            |           |
| 385741.98  | 3820822.55         | 7.01749 | (16102924) | 385733.81 |
| 3820801.04 | 7.05948 (16102924) |         |            |           |
| 385725.64  | 3820779.52         | 7.05748 | (16102924) | 385717.47 |
| 3820758.01 | 7.01151 (16102924) |         |            |           |
| 385709.29  | 3820736.50         | 6.92238 | (16102924) | 385701.12 |
| 3820714.99 | 6.79176 (16102924) |         |            |           |
| 385692.95  | 3820693.48         | 6.62198 | (16102924) | 385684.78 |
| 3820671.96 | 6.41599 (16102924) |         |            |           |
| 385676.60  | 3820650.45         | 6.17751 | (16102924) | 385668.43 |
| 3820628.94 | 5.91065 (16102924) |         |            |           |
| 385660.26  | 3820607.43         | 5.61980 | (16102924) | 385652.09 |
| 3820585.91 | 5.30954 (16102924) |         |            |           |
| 385643.91  | 3820564.40         | 4.98484 | (16102924) | 385635.74 |
| 3820542.89 | 4.65050 (16102924) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1246

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 385627.57  | 3820521.38         | 4.31114 | (16102924) | 385619.40 |
| 3820499.86 | 3.97107 (16102924) |         |            |           |
| 385611.22  | 3820478.35         | 3.63462 | (16102924) | 385603.05 |
| 3820456.84 | 3.30554 (16102924) |         |            |           |
| 385594.88  | 3820435.33         | 3.27074 | (17090908) | 385586.71 |
| 3820413.81 | 3.32925 (17090908) |         |            |           |
| 385578.53  | 3820392.30         | 3.36503 | (17090908) | 385570.36 |
| 3820370.79 | 3.37735 (17090908) |         |            |           |
| 385562.19  | 3820349.28         | 3.36596 | (17090908) | 385554.02 |
| 3820327.77 | 3.33106 (17090908) |         |            |           |
| 385545.84  | 3820306.25         | 3.31035 | (18121624) | 385537.67 |
| 3820284.74 | 3.40950 (18121624) |         |            |           |
| 385529.50  | 3820263.23         | 3.48696 | (18121624) | 385521.33 |
| 3820241.72 | 3.54115 (18121624) |         |            |           |
| 385513.15  | 3820220.20         | 3.57092 | (18121624) | 385504.98 |
| 3820198.69 | 3.57562 (18121624) |         |            |           |
| 385496.81  | 3820177.18         | 3.63611 | (16122224) | 385488.64 |
| 3820155.67 | 3.78936 (16122224) |         |            |           |
| 385480.46  | 3820134.15         | 3.92136 | (16122224) | 385472.29 |
| 3820112.64 | 4.02934 (16122224) |         |            |           |
| 385464.12  | 3820091.13         | 4.11118 | (16122224) | 385455.95 |
| 3820069.62 | 4.16518 (16122224) |         |            |           |
| 385447.77  | 3820048.10         | 4.19021 | (16122224) | 385439.60 |
| 3820026.59 | 4.18572 (16122224) |         |            |           |
| 385431.43  | 3820005.08         | 4.15182 | (16122224) | 385423.26 |
| 3819983.57 | 4.08924 (16122224) |         |            |           |
| 385415.08  | 3819962.06         | 3.99924 | (16122224) | 385406.91 |
| 3819940.54 | 3.90797 (18121524) |         |            |           |
| 385398.74  | 3819919.03         | 3.97781 | (18121524) | 385390.57 |
| 3819897.52 | 4.02041 (18121524) |         |            |           |
| 385382.39  | 3819876.01         | 4.03488 | (18121524) | 385374.22 |
| 3819854.49 | 4.02092 (18121524) |         |            |           |
| 385366.05  | 3819832.98         | 3.97883 | (18121524) | 385357.88 |
| 3819811.47 | 3.90950 (18121524) |         |            |           |
| 385349.70  | 3819789.96         | 3.99024 | (17013024) | 385341.53 |
| 3819768.44 | 4.08060 (17013024) |         |            |           |
| 385333.36  | 3819746.93         | 4.14362 | (17013024) | 385325.19 |
| 3819725.42 | 4.17804 (17013024) |         |            |           |
| 385317.01  | 3819703.91         | 4.18315 | (17013024) | 385308.84 |
| 3819682.39 | 4.15884 (17013024) |         |            |           |
| 385300.67  | 3819660.88         | 4.10566 | (17013024) | 385292.50 |
| 3819639.37 | 4.02471 (17013024) |         |            |           |
| 385284.32  | 3819617.86         | 4.01818 | (18102824) | 385276.15 |
| 3819596.34 | 4.09950 (18102824) |         |            |           |
| 385267.98  | 3819574.83         | 4.15309 | (18102824) | 385259.81 |
| 3819553.32 | 4.17789 (18102824) |         |            |           |
| 385251.63  | 3819531.81         | 4.17337 | (18102824) | 385243.46 |
| 3819510.30 | 4.13967 (18102824) |         |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 385235.29  | 3819488.78 | 4.07747    | (18102824) | 385227.12 |
| 3819467.27 | 3.98813    | (18102824) |            |           |
| 385218.94  | 3819445.76 | 3.87346    | (18102824) | 385210.77 |
| 3819424.25 | 3.73581    | (18102824) |            |           |
| 385202.60  | 3819402.73 | 3.57784    | (18102824) | 385194.43 |
| 3819381.22 | 3.40269    | (18102824) |            |           |
| 385186.25  | 3819359.71 | 3.21351    | (18102824) | 385178.08 |
| 3819338.20 | 3.17642    | (20011508) |            |           |
| 385169.91  | 3819316.68 | 3.28524    | (17111124) | 385161.74 |
| 3819295.17 | 3.38392    | (17111124) |            |           |
| 385153.56  | 3819273.66 | 3.46126    | (17111124) | 385145.39 |
| 3819252.15 | 3.51571    | (17111124) |            |           |
| 385137.22  | 3819230.63 | 3.54616    | (17111124) | 385129.05 |
| 3819209.12 | 3.71235    | (18031108) |            |           |
| 385120.87  | 3819187.61 | 3.87455    | (18031108) | 385112.70 |
| 3819166.10 | 4.02376    | (18031108) |            |           |
| 385104.53  | 3819144.59 | 4.15817    | (18031108) | 385096.36 |
| 3819123.07 | 4.27629    | (18031108) |            |           |
| 385088.18  | 3819101.56 | 4.37687    | (18031108) | 385080.01 |
| 3819080.05 | 4.45918    | (18031108) |            |           |
| 385071.84  | 3819058.54 | 4.52286    | (18031108) | 385063.67 |
| 3819037.02 | 4.56803    | (18031108) |            |           |
| 385055.49  | 3819015.51 | 4.59513    | (18031108) | 385047.32 |
| 3818994.00 | 4.60508    | (18031108) |            |           |
| 385039.15  | 3818972.49 | 4.59910    | (18031108) | 385030.98 |
| 3818950.97 | 4.57867    | (18031108) |            |           |
| 385022.80  | 3818929.46 | 4.54553    | (18031108) | 385014.63 |
| 3818907.95 | 4.50153    | (18031108) |            |           |
| 385006.46  | 3818886.44 | 4.44854    | (18031108) | 384998.29 |
| 3818864.92 | 4.38839    | (18031108) |            |           |
| 384990.11  | 3818843.41 | 4.32283    | (18031108) | 384981.94 |
| 3818821.90 | 4.25340    | (18031108) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1247

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC    | (YYMMDDHH) | X-COORD (M) |
|----------------------------|--------------------------------|---------|------------|-------------|
| 384973.77                  | 3818800.39                     | 4.18140 | (18031108) | 384965.60   |
| 3818778.88                 | 4.10783 (18031108)             |         |            |             |
| 384957.42                  | 3818757.36                     | 4.03334 | (18031108) | 384949.25   |
| 3818735.85                 | 3.95839 (18031108)             |         |            |             |
| 384941.08                  | 3818714.34                     | 3.90915 | (17121524) | 384932.91   |
| 3818692.83                 | 3.89589 (17121524)             |         |            |             |
| 384924.73                  | 3818671.31                     | 3.85629 | (17121524) | 384916.56   |
| 3818649.80                 | 3.90651 (17030408)             |         |            |             |
| 384908.39                  | 3818628.29                     | 3.97194 | (17030408) | 384900.22   |
| 3818606.78                 | 4.01748 (17030408)             |         |            |             |
| 384892.04                  | 3818585.26                     | 4.07005 | (16111424) | 384883.87   |
| 3818563.75                 | 4.10671 (16111424)             |         |            |             |
| 384875.70                  | 3818542.24                     | 4.11575 | (16111424) | 384867.53   |
| 3818520.73                 | 4.09703 (16111424)             |         |            |             |
| 384859.35                  | 3818499.21                     | 4.05046 | (16111424) | 384851.18   |
| 3818477.70                 | 3.97129 (16111424)             |         |            |             |
| 384843.01                  | 3818456.19                     | 3.85701 | (16111424) | 384834.84   |
| 3818434.68                 | 3.72323 (16111424)             |         |            |             |
| 384826.66                  | 3818413.17                     | 3.57774 | (16111424) | 384818.49   |
| 3818391.65                 | 3.43135 (16111424)             |         |            |             |
| 384810.32                  | 3818370.14                     | 3.35713 | (17011708) | 384802.15   |
| 3818348.63                 | 3.49394 (17011708)             |         |            |             |
| 384793.97                  | 3818327.12                     | 3.61622 | (17011708) | 384785.80   |
| 3818305.60                 | 3.72359 (17011708)             |         |            |             |
| 384777.63                  | 3818284.09                     | 3.81283 | (17011708) | 384769.46   |
| 3818262.58                 | 3.88394 (17011708)             |         |            |             |
| 384761.28                  | 3818241.07                     | 3.94656 | (17011708) | 384753.11   |
| 3818219.55                 | 3.98576 (17011708)             |         |            |             |
| 384744.94                  | 3818198.04                     | 4.03704 | (17011708) | 384736.77   |
| 3818176.53                 | 4.07287 (17011708)             |         |            |             |
| 384728.59                  | 3818155.02                     | 4.02223 | (17011708) | 384720.42   |
| 3818133.50                 | 3.94617 (17011708)             |         |            |             |
| 384712.25                  | 3818111.99                     | 3.84626 | (17011708) | 384704.08   |
| 3818090.48                 | 3.72443 (17011708)             |         |            |             |
| 384328.14                  | 3817100.91                     | 6.01728 | (18111708) | 384319.97   |
| 3817079.40                 | 5.89651 (18111708)             |         |            |             |
| 384311.79                  | 3817057.89                     | 5.65955 | (18111708) | 384303.62   |
| 3817036.37                 | 5.32611 (18111708)             |         |            |             |
| 384295.45                  | 3817014.86                     | 4.94115 | (18111708) | 384287.28   |
| 3816993.35                 | 4.82444 (18111708)             |         |            |             |
| 384279.10                  | 3816971.84                     | 4.74271 | (18111708) | 384270.93   |
| 3816950.32                 | 4.61543 (18111708)             |         |            |             |
| 384262.76                  | 3816928.81                     | 4.50043 | (18111708) | 384254.59   |
| 3816907.30                 | 4.38339 (18111708)             |         |            |             |
| 384246.41                  | 3816885.79                     | 4.21516 | (18111708) | 384238.24   |
| 3816864.28                 | 3.90794 (18111708)             |         |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 384230.07  | 3816842.76 | 3.76822    | (18111708) | 384221.90 |
| 3816821.25 | 3.67607    | (18111708) |            |           |
| 384213.72  | 3816799.74 | 3.37840    | (18111708) | 384205.55 |
| 3816778.23 | 3.08427    | (18111708) |            |           |
| 384197.38  | 3816756.71 | 2.85182    | (18111708) | 384189.21 |
| 3816735.20 | 2.94895    | (19120224) |            |           |
| 384181.03  | 3816713.69 | 3.08349    | (19120224) | 384172.86 |
| 3816692.18 | 3.09468    | (19120224) |            |           |
| 384164.69  | 3816670.66 | 3.11481    | (17011308) | 384156.52 |
| 3816649.15 | 3.14961    | (17011308) |            |           |
| 384148.34  | 3816627.64 | 3.24300    | (17011308) | 384140.17 |
| 3816606.13 | 3.33383    | (17011308) |            |           |
| 384132.00  | 3816584.61 | 3.30869    | (17011308) | 384123.83 |
| 3816563.10 | 3.11466    | (17011308) |            |           |
| 384115.65  | 3816541.59 | 2.80588    | (17011308) | 384107.48 |
| 3816520.08 | 2.44896    | (17011308) |            |           |
| 384099.31  | 3816498.57 | 2.31527    | (19110708) | 384091.14 |
| 3816477.05 | 2.38964    | (19110708) |            |           |
| 384082.96  | 3816455.54 | 2.60278    | (19110708) | 384074.79 |
| 3816434.03 | 2.67641    | (19110708) |            |           |
| 384066.62  | 3816412.52 | 2.49622    | (19110708) | 384058.45 |
| 3816391.00 | 2.17715    | (19110708) |            |           |
| 384050.27  | 3816369.49 | 1.85272    | (19110708) | 384042.10 |
| 3816347.98 | 1.60622    | (19110708) |            |           |
| 384033.93  | 3816326.47 | 1.40158    | (19110708) | 384025.76 |
| 3816304.95 | 1.26188    | (19110708) |            |           |
| 384017.58  | 3816283.44 | 1.26624    | (19110708) | 384009.41 |
| 3816261.93 | 1.32945    | (19110708) |            |           |
| 384001.24  | 3816240.42 | 1.44807    | (18010224) | 383993.07 |
| 3816218.90 | 1.46663    | (18010224) |            |           |
| 383984.89  | 3816197.39 | 1.44113    | (18010224) | 383976.72 |
| 3816175.88 | 1.40012c   | (20122908) |            |           |
| 383968.55  | 3816154.37 | 1.37383c   | (20122908) | 383960.38 |
| 3816132.85 | 1.41007c   | (20122908) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1248

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC (YYMMDDHH) | CONC (YYMMDDHH)     | X-COORD (M) |
|----------------------------|--------------------------------|---------------------|-------------|
| 383952.20                  | 3816111.34                     | 1.46855c (20122908) | 383944.03   |
| 3816089.83                 | 1.50052c (20122908)            |                     |             |
| 383935.86                  | 3816068.32                     | 1.47287c (20122908) | 383927.69   |
| 3816046.81                 | 1.41997c (20122908)            |                     |             |
| 383919.51                  | 3816025.29                     | 1.35464c (20122908) | 394323.33   |
| 3826872.28                 | 1.91469 (19010308)             |                     |             |
| 394346.38                  | 3826872.70                     | 1.96304 (19010308)  | 394369.44   |
| 3826873.11                 | 1.95022 (19010308)             |                     |             |
| 394392.50                  | 3826873.53                     | 1.83180 (19010308)  | 394415.56   |
| 3826873.95                 | 1.67253 (19010308)             |                     |             |
| 394438.62                  | 3826874.37                     | 1.54766 (19010308)  | 392497.62   |
| 3827451.27                 | 0.79888 (20010108)             |                     |             |
| 392476.52                  | 3827441.98                     | 0.80696 (20010108)  | 392455.42   |
| 3827432.69                 | 0.81672 (20010108)             |                     |             |
| 392434.31                  | 3827423.40                     | 0.82288 (20010108)  | 392413.21   |
| 3827414.11                 | 0.82780 (20010108)             |                     |             |
| 392392.11                  | 3827404.82                     | 0.83764 (20010108)  | 392371.01   |
| 3827395.53                 | 0.85884 (20010108)             |                     |             |
| 392349.91                  | 3827386.24                     | 0.87483 (20010108)  | 392328.80   |
| 3827376.95                 | 0.85363 (20010108)             |                     |             |
| 392307.70                  | 3827367.66                     | 0.81445 (20010108)  | 392286.60   |
| 3827358.37                 | 0.78231 (20010108)             |                     |             |
| 392265.50                  | 3827349.09                     | 0.76696 (20010108)  | 392244.40   |
| 3827339.80                 | 0.74782 (20010108)             |                     |             |
| 392223.29                  | 3827330.51                     | 0.71163 (20010108)  | 392202.19   |
| 3827321.22                 | 0.68324 (20010108)             |                     |             |
| 392181.09                  | 3827311.93                     | 0.65742 (20010108)  | 392159.99   |
| 3827302.64                 | 0.63634 (20042808)             |                     |             |
| 392138.89                  | 3827293.35                     | 0.63036 (20042808)  | 392117.79   |
| 3827284.06                 | 0.62067 (20042808)             |                     |             |
| 392096.68                  | 3827274.77                     | 0.61814 (20042808)  | 392075.58   |
| 3827265.48                 | 0.61767 (20042808)             |                     |             |
| 392054.48                  | 3827256.19                     | 0.61635 (20042808)  | 392033.38   |
| 3827246.90                 | 0.63770 (20032208)             |                     |             |
| 392012.28                  | 3827237.61                     | 0.67744 (20032208)  | 391991.17   |
| 3827228.32                 | 0.72222 (20032208)             |                     |             |
| 391970.07                  | 3827219.03                     | 0.71840 (20032208)  | 391948.97   |
| 3827209.74                 | 0.71343 (20032208)             |                     |             |
| 391927.87                  | 3827200.45                     | 0.72472 (20032208)  | 391906.77   |
| 3827191.16                 | 0.74493 (20032208)             |                     |             |
| 391885.66                  | 3827181.88                     | 0.76935 (20032208)  | 391864.56   |
| 3827172.59                 | 0.80557 (20032208)             |                     |             |
| 391843.46                  | 3827163.30                     | 0.90830 (20032208)  | 391822.36   |
| 3827154.01                 | 1.03759 (20032208)             |                     |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 391801.26  | 3827144.72 | 1.17512    | (20032208) | 391780.15 |
| 3827135.43 | 1.35947    | (20032208) |            |           |
| 391759.05  | 3827126.14 | 1.56170    | (20032208) | 391737.95 |
| 3827116.85 | 1.73120    | (20032208) |            |           |
| 391716.85  | 3827107.56 | 1.84828    | (20032208) | 391695.75 |
| 3827098.27 | 1.92639    | (20032208) |            |           |
| 391674.64  | 3827088.98 | 1.99038    | (20032208) | 391653.54 |
| 3827079.69 | 2.00234    | (20032208) |            |           |
| 391632.44  | 3827070.40 | 1.93462    | (20032208) | 391611.34 |
| 3827061.11 | 1.83172    | (20032208) |            |           |
| 391590.24  | 3827051.82 | 1.79943    | (20032208) | 391569.13 |
| 3827042.53 | 1.82573    | (20032208) |            |           |
| 391548.03  | 3827033.24 | 1.82938    | (20032208) | 391526.93 |
| 3827023.95 | 1.78431    | (20032208) |            |           |
| 391505.83  | 3827014.67 | 1.75587    | (20032208) | 391484.73 |
| 3827005.38 | 1.69006    | (20032208) |            |           |
| 391463.62  | 3826996.09 | 1.57584    | (20032208) | 391442.52 |
| 3826986.80 | 1.56744    | (20091708) |            |           |
| 391421.42  | 3826977.51 | 1.61793    | (20091708) | 391400.32 |
| 3826968.22 | 1.65487    | (20091708) |            |           |
| 391379.22  | 3826958.93 | 1.64148    | (20091708) | 391358.12 |
| 3826949.64 | 1.61414    | (20091708) |            |           |
| 391337.01  | 3826940.35 | 1.62503    | (16022308) | 391315.91 |
| 3826931.06 | 1.64148    | (16022308) |            |           |
| 391294.81  | 3826921.77 | 1.64828    | (16022308) | 391273.71 |
| 3826912.48 | 1.63932    | (16022308) |            |           |
| 391252.61  | 3826903.19 | 1.63134    | (16022308) | 391231.50 |
| 3826893.90 | 1.61941    | (16022308) |            |           |
| 391210.40  | 3826884.61 | 1.60885    | (16022308) | 391189.30 |
| 3826875.32 | 1.59930    | (16022308) |            |           |
| 391168.20  | 3826866.03 | 1.59031    | (16022308) | 391147.10 |
| 3826856.74 | 1.57561    | (16022308) |            |           |
| 391125.99  | 3826847.45 | 1.55521    | (16022308) | 391104.89 |
| 3826838.17 | 1.52989    | (16022308) |            |           |
| 391083.79  | 3826828.88 | 1.49698    | (16022308) | 391062.69 |
| 3826819.59 | 1.54184m   | (20100708) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1249

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M)<br>CONC | (YYMMDDHH) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|---------------------|------------|----------|------------|-------------|
| -----       |             |                     |            |          |            |             |
| 3826801.01  | 391041.59   | 3826810.30          |            | 1.59262m | (20100708) | 391020.48   |
|             |             | 1.62956m            | (20100708) |          |            |             |
| 3826782.43  | 390999.38   | 3826791.72          |            | 1.67571m | (20100708) | 390978.28   |
|             |             | 1.72029m            | (20100708) |          |            |             |
| 3826763.85  | 390957.18   | 3826773.14          |            | 1.75296m | (20100708) | 390936.08   |
|             |             | 1.77762m            | (20100708) |          |            |             |
| 3826745.27  | 390914.97   | 3826754.56          |            | 1.79552m | (20100708) | 390893.87   |
|             |             | 1.80089m            | (20100708) |          |            |             |
| 3826726.69  | 390872.77   | 3826735.98          |            | 1.79555m | (20100708) | 390851.67   |
|             |             | 1.78070m            | (20100708) |          |            |             |
| 3826708.11  | 390830.57   | 3826717.40          |            | 1.76005m | (20100708) | 390809.46   |
|             |             | 1.73065m            | (20100708) |          |            |             |
| 3826689.53  | 390788.36   | 3826698.82          |            | 1.69382  | (20032008) | 390767.26   |
|             |             | 1.70013             | (20032008) |          |            |             |
| 3826670.96  | 390746.16   | 3826680.24          |            | 1.70188  | (20032008) | 390725.06   |
|             |             | 1.70304             | (20032008) |          |            |             |
| 3826652.38  | 390703.95   | 3826661.67          |            | 1.70133  | (20032008) | 390682.85   |
|             |             | 1.69857             | (20032008) |          |            |             |
| 3826633.80  | 390661.75   | 3826643.09          |            | 1.72487  | (20081408) | 390640.65   |
|             |             | 1.75115             | (20081408) |          |            |             |
| 3826615.22  | 390619.55   | 3826624.51          |            | 1.77706  | (20081408) | 390598.45   |
|             |             | 1.79552             | (20081408) |          |            |             |
| 3826596.64  | 390577.34   | 3826605.93          |            | 1.80049  | (20081408) | 390556.24   |
|             |             | 1.79314             | (20081408) |          |            |             |
| 3826578.06  | 390535.14   | 3826587.35          |            | 1.77022  | (20081408) | 390514.04   |
|             |             | 1.73798             | (20081408) |          |            |             |
| 3826559.48  | 390492.94   | 3826568.77          |            | 1.71106  | (20081408) | 390471.83   |
|             |             | 1.70141             | (20032008) |          |            |             |
| 3826540.90  | 390450.73   | 3826550.19          |            | 1.70537  | (20032008) | 390429.63   |
|             |             | 1.70483             | (17090308) |          |            |             |
| 3826522.32  | 390408.53   | 3826531.61          |            | 1.72222  | (17090308) | 390387.43   |
|             |             | 1.73045             | (17090308) |          |            |             |
| 3826503.75  | 390366.32   | 3826513.03          |            | 1.72905  | (17090308) | 390345.22   |
|             |             | 1.71744             | (17090308) |          |            |             |
| 3826485.17  | 390324.12   | 3826494.46          |            | 1.69456  | (17090308) | 390303.02   |
|             |             | 1.65865             | (17090308) |          |            |             |
| 3826466.59  | 390281.92   | 3826475.88          |            | 1.67937  | (20092408) | 390260.81   |
|             |             | 1.70315             | (20092408) |          |            |             |
| 3826448.01  | 390239.71   | 3826457.30          |            | 1.71254  | (20092408) | 390218.61   |
|             |             | 1.73374             | (20092408) |          |            |             |
| 3826429.43  | 390197.51   | 3826438.72          |            | 1.76978  | (20022708) | 390176.41   |
|             |             | 1.78124             | (20022708) |          |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 390155.30  | 3826420.14 | 1.77635    | (20022708) | 390134.20 |
| 3826410.85 | 1.76107    | (20022708) |            |           |
| 390113.10  | 3826401.56 | 1.74059    | (20092408) | 390092.00 |
| 3826392.27 | 1.71789    | (20092408) |            |           |
| 390070.90  | 3826382.98 | 1.68849    | (20092408) | 390049.79 |
| 3826373.69 | 1.70425    | (18032008) |            |           |
| 390028.69  | 3826364.40 | 1.73118    | (18032008) | 390007.59 |
| 3826355.11 | 1.74943    | (18032008) |            |           |
| 389986.49  | 3826345.82 | 1.76110    | (18032008) | 389965.39 |
| 3826336.54 | 1.83659    | (20011808) |            |           |
| 389944.28  | 3826327.25 | 1.92074    | (20011808) | 389923.18 |
| 3826317.96 | 1.95010    | (20011808) |            |           |
| 389902.08  | 3826308.67 | 1.99642    | (20011808) | 389880.98 |
| 3826299.38 | 2.05326    | (20011808) |            |           |
| 389859.88  | 3826290.09 | 2.10179    | (20092608) | 389838.78 |
| 3826280.80 | 2.18632    | (20092608) |            |           |
| 389817.67  | 3826271.51 | 2.26580    | (20092608) | 389796.57 |
| 3826262.22 | 2.33934    | (20092608) |            |           |
| 389775.47  | 3826252.93 | 2.40615    | (20092608) | 389754.37 |
| 3826243.64 | 2.46447    | (20092608) |            |           |
| 389733.27  | 3826234.35 | 2.51363    | (20092608) | 389712.16 |
| 3826225.06 | 2.55316    | (20092608) |            |           |
| 389691.06  | 3826215.77 | 2.58213    | (20092608) | 389669.96 |
| 3826206.48 | 2.60121    | (20092608) |            |           |
| 389648.86  | 3826197.19 | 2.61010    | (20092608) | 389627.76 |
| 3826187.90 | 2.60783    | (20092608) |            |           |
| 389606.65  | 3826178.61 | 2.59444    | (20092608) | 389585.55 |
| 3826169.32 | 2.57047    | (20092608) |            |           |
| 389564.45  | 3826160.04 | 2.53580    | (20092608) | 389543.35 |
| 3826150.75 | 2.49200    | (20092608) |            |           |
| 389522.25  | 3826141.46 | 2.43783    | (20092608) | 389501.14 |
| 3826132.17 | 2.40129    | (19120508) |            |           |
| 389480.04  | 3826122.88 | 2.44294    | (16010508) | 389458.94 |
| 3826113.59 | 2.52369    | (16010508) |            |           |
| 389437.84  | 3826104.30 | 2.59911    | (16010508) | 389416.74 |
| 3826095.01 | 2.66625    | (16010508) |            |           |
| 389395.63  | 3826085.72 | 2.72204    | (16010508) | 389374.53 |
| 3826076.43 | 2.76572    | (16010508) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1250

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |                     | ** CONC OF ALL      |            | IN MICROGRAMS/M**3 |             |
|-------------|---------------------|---------------------|------------|--------------------|-------------|
|             |                     | **                  |            |                    |             |
| X-COORD (M) | Y-COORD (M)         | CONC                | (YYMMDDHH) |                    | X-COORD (M) |
| Y-COORD (M) | CONC                | (YYMMDDHH)          |            |                    |             |
| -----       |                     |                     |            |                    |             |
| 389353.43   | 3826067.14          | 2.79518             | (16010508) |                    | 389332.33   |
| 3826057.85  | 2.80956 (16010508)  |                     |            |                    |             |
| 389311.23   | 3826048.56          | 2.96104             | (16121408) |                    | 389290.12   |
| 3826039.27  | 3.16830 (16121408)  |                     |            |                    |             |
| 389269.02   | 3826029.98          | 3.37509             | (16121408) |                    | 389247.92   |
| 3826020.69  | 3.57897 (16121408)  |                     |            |                    |             |
| 389226.82   | 3826011.40          | 3.77249             | (16121408) |                    | 389205.72   |
| 3826002.11  | 3.93774 (16121408)  |                     |            |                    |             |
| 389184.61   | 3825992.83          | 4.11925             | (16121408) |                    | 389163.51   |
| 3825983.54  | 4.36188 (16121408)  |                     |            |                    |             |
| 389142.41   | 3825974.25          | 4.64784             | (16121408) |                    | 389121.31   |
| 3825964.96  | 4.90161 (16121408)  |                     |            |                    |             |
| 389100.21   | 3825955.67          | 5.13451             | (16121408) |                    | 389079.11   |
| 3825946.38  | 5.33445 (16121408)  |                     |            |                    |             |
| 389058.00   | 3825937.09          | 5.35965             | (16121408) |                    | 389036.90   |
| 3825927.80  | 5.19436 (16121408)  |                     |            |                    |             |
| 389015.80   | 3825918.51          | 4.93770             | (16121408) |                    | 388994.70   |
| 3825909.22  | 4.75915 (16121408)  |                     |            |                    |             |
| 388973.60   | 3825899.93          | 4.66284             | (16121408) |                    | 388952.49   |
| 3825890.64  | 4.57640 (16121408)  |                     |            |                    |             |
| 388804.78   | 3825825.62          | 3.62030             | (17091024) |                    | 388783.68   |
| 3825816.33  | 3.62485 (17091024)  |                     |            |                    |             |
| 388762.58   | 3825807.04          | 3.61095             | (17091024) |                    | 388741.47   |
| 3825797.75  | 3.57885 (17091024)  |                     |            |                    |             |
| 388720.37   | 3825788.46          | 3.52916             | (17091024) |                    | 388699.27   |
| 3825779.17  | 3.54424c (20073108) |                     |            |                    |             |
| 388678.17   | 3825769.88          | 3.57936c (20073108) |            |                    | 388657.07   |
| 3825760.59  | 3.61316c (20073108) |                     |            |                    |             |
| 388635.96   | 3825751.30          | 3.64502c (20073108) |            |                    | 388614.86   |
| 3825742.01  | 3.67411c (20073108) |                     |            |                    |             |
| 388593.76   | 3825732.72          | 3.69950c (20073108) |            |                    | 388572.66   |
| 3825723.43  | 3.72009c (20073108) |                     |            |                    |             |
| 388551.56   | 3825714.14          | 3.73476c (20073108) |            |                    | 388530.45   |
| 3825704.85  | 3.74231c (20073108) |                     |            |                    |             |
| 388509.35   | 3825695.56          | 3.74159c (20073108) |            |                    | 388488.25   |
| 3825686.27  | 3.73150c (20073108) |                     |            |                    |             |
| 388467.15   | 3825676.98          | 3.71107c (20073108) |            |                    | 388446.05   |
| 3825667.69  | 3.67948c (20073108) |                     |            |                    |             |
| 388424.94   | 3825658.41          | 3.67275 (20111108)  |            |                    | 388403.84   |
| 3825649.12  | 3.66988 (20111108)  |                     |            |                    |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 388382.74  | 3825639.83         | 3.64655 | (20111108) | 388361.64 |
| 3825630.54 | 3.60320 (20111108) |         |            |           |
| 388340.54  | 3825621.25         | 3.54057 | (20111108) | 388319.44 |
| 3825611.96 | 3.45974 (20111108) |         |            |           |
| 388298.33  | 3825602.67         | 3.36201 | (20111108) | 388277.23 |
| 3825593.38 | 3.24903 (20111108) |         |            |           |
| 388256.13  | 3825584.09         | 3.12254 | (20111108) | 388235.03 |
| 3825574.80 | 3.11032 (18011724) |         |            |           |
| 388213.93  | 3825565.51         | 3.28845 | (18011724) | 388192.82 |
| 3825556.22 | 3.46056 (18011724) |         |            |           |
| 388171.72  | 3825546.93         | 3.62484 | (18011724) | 388150.62 |
| 3825537.64 | 3.77976 (18011724) |         |            |           |
| 388129.52  | 3825528.35         | 3.92381 | (18011724) | 388108.42 |
| 3825519.06 | 4.05564 (18011724) |         |            |           |
| 388087.31  | 3825509.77         | 4.17409 | (18011724) | 388066.21 |
| 3825500.48 | 4.27805 (18011724) |         |            |           |
| 388045.11  | 3825491.19         | 4.36674 | (18011724) | 388024.01 |
| 3825481.91 | 4.43953 (18011724) |         |            |           |
| 388002.91  | 3825472.62         | 4.49602 | (18011724) | 387981.80 |
| 3825463.33 | 4.53598 (18011724) |         |            |           |
| 387960.70  | 3825454.04         | 4.55937 | (18011724) | 387939.60 |
| 3825444.75 | 4.56635 (18011724) |         |            |           |
| 387918.50  | 3825435.46         | 4.55724 | (18011724) | 387897.40 |
| 3825426.17 | 4.53252 (18011724) |         |            |           |
| 387876.29  | 3825416.88         | 4.49278 | (18011724) | 387855.19 |
| 3825407.59 | 4.43876 (18011724) |         |            |           |
| 387834.09  | 3825398.30         | 4.37125 | (18011724) | 387812.99 |
| 3825389.01 | 4.29116 (18011724) |         |            |           |
| 387791.89  | 3825379.72         | 4.19939 | (18011724) | 387770.78 |
| 3825370.43 | 4.09691 (18011724) |         |            |           |
| 387749.68  | 3825361.14         | 3.98478 | (18011724) | 387728.58 |
| 3825351.85 | 3.86399 (18011724) |         |            |           |
| 387707.48  | 3825342.56         | 3.73555 | (18011724) | 387686.38 |
| 3825333.27 | 3.60048 (18011724) |         |            |           |
| 387665.27  | 3825323.98         | 3.45974 | (18011724) | 387644.17 |
| 3825314.70 | 3.31446 (18011724) |         |            |           |
| 387623.07  | 3825305.41         | 3.16548 | (18011724) | 387601.97 |
| 3825296.12 | 3.01379 (18011724) |         |            |           |
| 387580.87  | 3825286.83         | 2.86033 | (18011724) | 387559.77 |
| 3825277.54 | 2.70599 (18011724) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1251

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF ALL |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 387538.66   | 3825268.25  | 2.68711        | (19082108) | 387517.56          |  |
| 3825258.96  | 2.72602     | (19082108)     |            |                    |  |
| 387496.46   | 3825249.67  | 2.75331        | (19082108) | 387475.36          |  |
| 3825240.38  | 2.76872     | (19082108)     |            |                    |  |
| 387454.26   | 3825231.09  | 2.79026        | (19062708) | 387433.15          |  |
| 3825221.80  | 2.89717     | (19062708)     |            |                    |  |
| 387412.05   | 3825212.51  | 2.99259        | (19062708) | 387390.95          |  |
| 3825203.22  | 3.07524     | (19062708)     |            |                    |  |
| 387369.85   | 3825193.93  | 3.14395        | (19062708) | 387348.75          |  |
| 3825184.64  | 3.19774     | (19062708)     |            |                    |  |
| 387327.64   | 3825175.35  | 3.23587        | (19062708) | 387306.54          |  |
| 3825166.06  | 3.25778     | (19062708)     |            |                    |  |
| 387285.44   | 3825156.77  | 3.26322        | (19062708) | 387264.34          |  |
| 3825147.49  | 3.25214     | (19062708)     |            |                    |  |
| 387243.24   | 3825138.20  | 3.22478        | (19062708) | 387222.13          |  |
| 3825128.91  | 3.18156     | (19062708)     |            |                    |  |
| 387201.03   | 3825119.62  | 3.12323        | (19062708) | 387179.93          |  |
| 3825110.33  | 3.05066     | (19062708)     |            |                    |  |
| 387158.83   | 3825101.04  | 2.96495        | (19062708) | 387137.73          |  |
| 3825091.75  | 2.86735     | (19062708)     |            |                    |  |
| 387116.62   | 3825082.46  | 2.75922        | (19062708) | 387095.52          |  |
| 3825073.17  | 2.71506c    | (19090108)     |            |                    |  |
| 387074.42   | 3825063.88  | 2.70894c       | (19090108) | 387053.32          |  |
| 3825054.59  | 2.68950c    | (19090108)     |            |                    |  |
| 387032.22   | 3825045.30  | 2.74390        | (20010724) | 387011.11          |  |
| 3825036.01  | 2.82410     | (20010724)     |            |                    |  |
| 386990.01   | 3825026.72  | 2.89226        | (20010724) | 386968.91          |  |
| 3825017.43  | 2.94751     | (20010724)     |            |                    |  |
| 386947.81   | 3825008.14  | 2.98909        | (20010724) | 386926.71          |  |
| 3824998.85  | 3.01647     | (20010724)     |            |                    |  |
| 386905.60   | 3824989.56  | 3.02928        | (20010724) | 386884.50          |  |
| 3824980.28  | 3.02738     | (20010724)     |            |                    |  |
| 386863.40   | 3824970.99  | 3.01088        | (20010724) | 386842.30          |  |
| 3824961.70  | 3.03997     | (19120508)     |            |                    |  |
| 386821.20   | 3824952.41  | 3.11899        | (19120508) | 386800.10          |  |
| 3824943.12  | 3.18704     | (19120508)     |            |                    |  |
| 386778.99   | 3824933.83  | 3.24329        | (19120508) | 386757.89          |  |
| 3824924.54  | 3.28702     | (19120508)     |            |                    |  |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 386736.79  | 3824915.25         | 3.31773 | (19120508) | 386715.69 |
| 3824905.96 | 3.33506 (19120508) |         |            |           |
| 386694.59  | 3824896.67         | 3.33882 | (19120508) | 386673.48 |
| 3824887.38 | 3.32901 (19120508) |         |            |           |
| 386652.38  | 3824878.09         | 3.30581 | (19120508) | 386631.28 |
| 3824868.80 | 3.26957 (19120508) |         |            |           |
| 386610.18  | 3824859.51         | 3.22079 | (19120508) | 386589.08 |
| 3824850.22 | 3.16013 (19120508) |         |            |           |
| 386567.97  | 3824840.93         | 3.08838 | (19120508) | 386546.87 |
| 3824831.64 | 3.00650 (19120508) |         |            |           |
| 386525.77  | 3824822.35         | 2.91548 | (19120508) | 386504.67 |
| 3824813.06 | 2.81642 (19120508) |         |            |           |
| 386483.57  | 3824803.78         | 2.83270 | (17010724) | 386462.46 |
| 3824794.49 | 2.94522 (17010724) |         |            |           |
| 386441.36  | 3824785.20         | 3.04884 | (17010724) | 386420.26 |
| 3824775.91 | 3.14153 (17010724) |         |            |           |
| 386399.16  | 3824766.62         | 3.22214 | (17010724) | 386378.06 |
| 3824757.33 | 3.28967 (17010724) |         |            |           |
| 386356.95  | 3824748.04         | 3.34329 | (17010724) | 386335.85 |
| 3824738.75 | 3.38231 (17010724) |         |            |           |
| 386314.75  | 3824729.46         | 3.40628 | (17010724) | 386293.65 |
| 3824720.17 | 3.41493 (17010724) |         |            |           |
| 386272.55  | 3824710.88         | 3.40822 | (17010724) | 386251.44 |
| 3824701.59 | 3.38627 (17010724) |         |            |           |
| 386230.34  | 3824692.30         | 3.34945 | (17010724) | 386167.04 |
| 3824664.43 | 3.16826 (18111108) |         |            |           |
| 386145.93  | 3824655.14         | 3.26693 | (18111108) | 386124.83 |
| 3824645.85 | 3.35751 (18111108) |         |            |           |
| 386103.73  | 3824636.57         | 3.43945 | (18111108) | 386082.63 |
| 3824627.28 | 3.51234 (18111108) |         |            |           |
| 386061.53  | 3824617.99         | 3.57574 | (18111108) | 386040.43 |
| 3824608.70 | 3.62936 (18111108) |         |            |           |
| 386019.32  | 3824599.41         | 3.67302 | (18111108) | 385998.22 |
| 3824590.12 | 3.70657 (18111108) |         |            |           |
| 385977.12  | 3824580.83         | 3.72999 | (18111108) | 385956.02 |
| 3824571.54 | 3.74333 (18111108) |         |            |           |
| 385934.92  | 3824562.25         | 3.74672 | (18111108) | 385913.81 |
| 3824552.96 | 3.74032 (18111108) |         |            |           |
| 385892.71  | 3824543.67         | 3.72438 | (18111108) | 385871.61 |
| 3824534.38 | 3.69921 (18111108) |         |            |           |
| 385850.51  | 3824525.09         | 3.66513 | (18111108) | 385821.22 |
| 3824494.25 | 3.57730 (18111108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

| ** CONC OF ALL |                    | IN MICROGRAMS/M**3 |            |             |
|----------------|--------------------|--------------------|------------|-------------|
| **             |                    |                    |            |             |
| X-COORD (M)    | Y-COORD (M)        | CONC               | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)    | CONC               | (YYMMDDHH)         |            |             |
| -----          |                    |                    |            |             |
| 385813.03      | 3824472.70         | 3.52360            | (18111108) | 385804.84   |
| 3824451.14     | 3.46178 (18111108) |                    |            |             |
| 385796.65      | 3824429.59         | 3.39230            | (18111108) | 385788.47   |
| 3824408.04     | 3.31559 (18111108) |                    |            |             |
| 385780.28      | 3824386.48         | 3.23206            | (18111108) | 385772.09   |
| 3824364.93     | 3.14227 (18111108) |                    |            |             |
| 385763.90      | 3824343.38         | 3.04671            | (18111108) | 385755.71   |
| 3824321.82     | 2.94590 (18111108) |                    |            |             |
| 385747.53      | 3824300.27         | 2.89002            | (18070508) | 385739.34   |
| 3824278.72     | 2.85899 (18070508) |                    |            |             |
| 385731.15      | 3824257.16         | 2.81535            | (18070508) | 385722.96   |
| 3824235.61     | 2.85457 (19111224) |                    |            |             |
| 385714.77      | 3824214.06         | 2.91186            | (19111224) | 385706.59   |
| 3824192.50     | 2.95670 (19111224) |                    |            |             |
| 385698.40      | 3824170.95         | 2.98844            | (19111224) | 385690.21   |
| 3824149.40     | 3.00659 (19111224) |                    |            |             |
| 385682.02      | 3824127.84         | 3.01086            | (19111224) | 385673.83   |
| 3824106.29     | 3.00114 (19111224) |                    |            |             |
| 385665.64      | 3824084.74         | 2.97752            | (19111224) | 385657.46   |
| 3824063.18     | 2.94028 (19111224) |                    |            |             |
| 385649.27      | 3824041.63         | 2.88990            | (19111224) | 385641.08   |
| 3824020.08     | 2.82703 (19111224) |                    |            |             |
| 385632.89      | 3823998.52         | 2.75244            | (19111224) | 385624.70   |
| 3823976.97     | 2.66716 (19111224) |                    |            |             |
| 385616.52      | 3823955.42         | 2.57227            | (19111224) | 385608.33   |
| 3823933.87     | 2.46890 (19111224) |                    |            |             |
| 385600.14      | 3823912.31         | 2.51592            | (19112124) | 385591.95   |
| 3823890.76     | 2.61814 (19112124) |                    |            |             |
| 385583.76      | 3823869.21         | 2.71162            | (19112124) | 385575.58   |
| 3823847.65     | 2.79514 (19112124) |                    |            |             |
| 385567.39      | 3823826.10         | 2.86751            | (19112124) | 385559.20   |
| 3823804.55     | 3.00772 (20022908) |                    |            |             |
| 385551.01      | 3823782.99         | 3.23966            | (20022908) | 385542.82   |
| 3823761.44     | 3.47424 (20022908) |                    |            |             |
| 385534.64      | 3823739.89         | 3.70957            | (20022908) | 385526.45   |
| 3823718.33     | 3.94377 (20022908) |                    |            |             |





\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 385157.99   | 3822748.44         | 3.85305    | (19020208) | 385149.80   |
| 3822726.88  | 3.84136 (19020208) |            |            |             |
| 385141.61   | 3822705.33         | 3.81294    | (19020208) | 385133.42   |
| 3822683.78  | 3.76802 (19020208) |            |            |             |
| 385125.23   | 3822662.22         | 3.70705    | (19020208) | 385117.05   |
| 3822640.67  | 3.68419 (18022808) |            |            |             |
| 385108.86   | 3822619.12         | 3.75527    | (18022808) | 385100.67   |
| 3822597.56  | 3.80930 (18022808) |            |            |             |
| 385092.48   | 3822576.01         | 3.84532    | (18022808) | 385084.29   |
| 3822554.46  | 3.86266 (18022808) |            |            |             |
| 385076.11   | 3822532.90         | 3.86098    | (18022808) | 385067.92   |
| 3822511.35  | 3.84017 (18022808) |            |            |             |
| 385059.73   | 3822489.80         | 3.80049    | (18022808) | 385051.54   |
| 3822468.24  | 3.74246 (18022808) |            |            |             |
| 385043.35   | 3822446.69         | 3.66693    | (18022808) | 385035.17   |
| 3822425.14  | 3.57500 (18022808) |            |            |             |
| 385026.98   | 3822403.59         | 3.46797    | (18022808) | 385018.79   |
| 3822382.03  | 3.34733 (18022808) |            |            |             |
| 385010.60   | 3822360.48         | 3.21489    | (18022808) | 385002.41   |
| 3822338.93  | 3.09156 (19022324) |            |            |             |
| 384994.23   | 3822317.37         | 3.09361    | (19122824) | 384986.04   |
| 3822295.82  | 3.21101 (19122824) |            |            |             |
| 384977.85   | 3822274.27         | 3.31479    | (19122824) | 384969.66   |
| 3822252.71  | 3.40338 (19122824) |            |            |             |
| 384961.47   | 3822231.16         | 3.47528    | (19122824) | 384953.29   |
| 3822209.61  | 3.52937 (19122824) |            |            |             |
| 384945.10   | 3822188.05         | 3.56475    | (19122824) | 384936.91   |
| 3822166.50  | 3.58079 (19122824) |            |            |             |
| 384928.72   | 3822144.95         | 3.57720    | (19122824) | 384920.53   |
| 3822123.39  | 3.55399 (19122824) |            |            |             |
| 384912.35   | 3822101.84         | 3.51155    | (19122824) | 384904.16   |
| 3822080.29  | 3.45051 (19122824) |            |            |             |
| 384895.97   | 3822058.73         | 3.37181    | (19122824) | 384887.78   |
| 3822037.18  | 3.37054 (18120624) |            |            |             |



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)        | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|--------------------|------------|------------|-------------|
| Y-COORD (M) | CONC               | (YYMMDDHH) |            |             |
| 384502.94   | 3821024.18         | 3.73202    | (16102924) | 384494.76   |
| 3821002.62  | 3.46611 (16102924) |            |            |             |
| 384486.57   | 3820981.07         | 3.20248    | (16102924) | 384478.38   |
| 3820959.52  | 2.94351 (16102924) |            |            |             |
| 384470.19   | 3820937.97         | 2.79801    | (17031024) | 384462.00   |
| 3820916.41  | 2.84957 (17090908) |            |            |             |
| 384453.82   | 3820894.86         | 2.89127    | (17090908) | 384445.63   |
| 3820873.31  | 2.91676 (17090908) |            |            |             |
| 384437.44   | 3820851.75         | 2.92557    | (17090908) | 384429.25   |
| 3820830.20  | 2.91684 (17090908) |            |            |             |
| 384421.06   | 3820808.65         | 2.87389    | (17090908) | 384412.88   |
| 3820787.09  | 2.81611 (17090908) |            |            |             |
| 384404.69   | 3820765.54         | 2.85935    | (18121624) | 384396.50   |
| 3820743.99  | 2.95551 (18121624) |            |            |             |
| 384388.31   | 3820722.43         | 3.03370    | (18121624) | 384380.12   |
| 3820700.88  | 3.07561 (18121624) |            |            |             |
| 384371.94   | 3820679.33         | 3.09506    | (18121624) | 384363.75   |
| 3820657.77  | 3.09501 (18121624) |            |            |             |
| 384355.56   | 3820636.22         | 3.07260    | (18121624) | 384347.37   |
| 3820614.67  | 3.17500 (16122224) |            |            |             |
| 384339.18   | 3820593.11         | 3.29925    | (16122224) | 384331.00   |
| 3820571.56  | 3.38695 (16122224) |            |            |             |
| 384322.81   | 3820550.01         | 3.42746    | (16122224) | 384314.62   |
| 3820528.45  | 3.37224 (16122224) |            |            |             |
| 384306.43   | 3820506.90         | 3.31024    | (16122224) | 384298.24   |
| 3820485.35  | 3.24283 (16122224) |            |            |             |
| 384290.05   | 3820463.79         | 3.16353    | (16122224) | 384281.87   |
| 3820442.24  | 3.10845 (16122224) |            |            |             |
| 384273.68   | 3820420.69         | 3.06715    | (16122224) | 384265.49   |
| 3820399.13  | 3.04019 (16122224) |            |            |             |
| 384257.30   | 3820377.58         | 2.99109    | (16122224) | 384249.11   |
| 3820356.03  | 3.05943 (18121524) |            |            |             |

|            |                    |         |            |           |
|------------|--------------------|---------|------------|-----------|
| 384240.93  | 3820334.47         | 3.14811 | (18121524) | 384232.74 |
| 3820312.92 | 3.21940 (18121524) |         |            |           |
| 384224.55  | 3820291.37         | 3.25808 | (18121524) | 384216.36 |
| 3820269.81 | 3.26774 (18121524) |         |            |           |
| 384208.17  | 3820248.26         | 3.24866 | (18121524) | 384199.99 |
| 3820226.71 | 3.26172 (18121524) |         |            |           |
| 384191.80  | 3820205.15         | 3.37198 | (17013024) | 384183.61 |
| 3820183.60 | 3.51282 (17013024) |         |            |           |
| 384175.42  | 3820162.05         | 3.57092 | (17013024) | 384167.23 |
| 3820140.50 | 3.60909 (17013024) |         |            |           |
| 384159.05  | 3820118.94         | 3.62668 | (17013024) | 384150.86 |
| 3820097.39 | 3.62338 (17013024) |         |            |           |
| 384142.67  | 3820075.84         | 3.59926 | (17013024) | 384134.48 |
| 3820054.28 | 3.55474 (17013024) |         |            |           |
| 384126.29  | 3820032.73         | 3.49060 | (17013024) | 384118.11 |
| 3820011.18 | 3.46577 (18102824) |         |            |           |
| 384109.92  | 3819989.62         | 3.53500 | (18102824) | 384101.73 |
| 3819968.07 | 3.58485 (18102824) |         |            |           |
| 384093.54  | 3819946.52         | 3.61453 | (18102824) | 384085.35 |
| 3819924.96 | 3.62354 (18102824) |         |            |           |
| 384077.17  | 3819903.41         | 3.61173 | (18102824) | 384068.98 |
| 3819881.86 | 3.57931 (18102824) |         |            |           |
| 384060.79  | 3819860.30         | 3.52683 | (18102824) | 384052.60 |
| 3819838.75 | 3.45523 (18102824) |         |            |           |
| 384044.41  | 3819817.20         | 3.36570 | (18102824) | 384036.23 |
| 3819795.64 | 3.25971 (18102824) |         |            |           |
| 384028.04  | 3819774.09         | 3.13902 | (18102824) | 384019.85 |
| 3819752.54 | 3.00552 (18102824) |         |            |           |
| 384011.66  | 3819730.98         | 2.86120 | (18102824) | 384003.47 |
| 3819709.43 | 2.77045 (20011508) |         |            |           |
| 383995.29  | 3819687.88         | 2.76187 | (17111124) | 383987.10 |
| 3819666.32 | 2.85282 (17111124) |         |            |           |
| 383978.91  | 3819644.77         | 2.92988 | (17111124) | 383970.72 |
| 3819623.22 | 2.99185 (17111124) |         |            |           |
| 383962.53  | 3819601.66         | 3.03770 | (17111124) | 383954.35 |
| 3819580.11 | 3.06666 (17111124) |         |            |           |
| 383946.16  | 3819558.56         | 3.12970 | (18031108) | 383937.97 |
| 3819537.00 | 3.26081 (18031108) |         |            |           |
| 383929.78  | 3819515.45         | 3.38345 | (18031108) | 383921.59 |
| 3819493.90 | 3.49638 (18031108) |         |            |           |
| 383913.41  | 3819472.34         | 3.59850 | (18031108) | 383905.22 |
| 3819450.79 | 3.68881 (18031108) |         |            |           |
| 383897.03  | 3819429.24         | 3.76661 | (18031108) | 383888.84 |
| 3819407.69 | 3.83139 (18031108) |         |            |           |
| 383880.65  | 3819386.13         | 3.88294 | (18031108) | 383872.47 |
| 3819364.58 | 3.92120 (18031108) |         |            |           |
| 383864.28  | 3819343.03         | 3.94646 | (18031108) | 383856.09 |
| 3819321.47 | 3.95921 (18031108) |         |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26

\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1255

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 383847.90   | 3819299.92          | 3.96013    | (18031108) | 383839.71   |
| 3819278.37  | 3.95013 (18031108)  |            |            |             |
| 383831.52   | 3819256.81          | 3.93024    | (18031108) | 383823.34   |
| 3819235.26  | 3.90165 (18031108)  |            |            |             |
| 383815.15   | 3819213.71          | 3.86556    | (18031108) | 383806.96   |
| 3819192.15  | 3.82320 (18031108)  |            |            |             |
| 383798.77   | 3819170.60          | 3.77585    | (18031108) | 383790.58   |
| 3819149.05  | 3.72466 (18031108)  |            |            |             |
| 383782.40   | 3819127.49          | 3.67067    | (18031108) | 383774.21   |
| 3819105.94  | 3.61484 (18031108)  |            |            |             |
| 383766.02   | 3819084.39          | 3.55792    | (18031108) | 383757.83   |
| 3819062.83  | 3.50047 (18031108)  |            |            |             |
| 383749.64   | 3819041.28          | 3.44295    | (18031108) | 383741.46   |
| 3819019.73  | 3.38553 (18031108)  |            |            |             |
| 383733.27   | 3818998.17          | 3.38808    | (17121524) | 383725.08   |
| 3818976.62  | 3.38258 (17121524)  |            |            |             |
| 383716.89   | 3818955.07          | 3.35831    | (17121524) | 383708.70   |
| 3818933.51  | 3.32909 (17030408)  |            |            |             |
| 383700.52   | 3818911.96          | 3.38979    | (17030408) | 383692.33   |
| 3818890.41  | 3.43713 (17030408)  |            |            |             |
| 383684.14   | 3818868.85          | 3.48300    | (16111424) | 383675.95   |
| 3818847.30  | 3.53097 (16111424)  |            |            |             |
| 383667.76   | 3818825.75          | 3.55979    | (16111424) | 383659.58   |
| 3818804.19  | 3.56903 (16111424)  |            |            |             |
| 383651.39   | 3818782.64          | 3.55854    | (16111424) | 383643.20   |
| 3818761.09  | 3.52854 (16111424)  |            |            |             |
| 383635.01   | 3818739.53          | 3.47954    | (16111424) | 383626.82   |
| 3818717.98  | 3.41239 (16111424)  |            |            |             |
| 383250.17   | 3817726.53          | 1.54701m   | (19011124) | 383241.99   |
| 3817704.98  | 1.42897m (19011124) |            |            |             |

|            |                    |                     |           |
|------------|--------------------|---------------------|-----------|
| 383233.80  | 3817683.43         | 1.29830m (19011124) | 383225.61 |
| 3817661.87 | 1.19601 (19120324) |                     |           |
| 383217.42  | 3817640.32         | 1.23369 (19120324)  | 383209.23 |
| 3817618.77 | 1.33128 (19120324) |                     |           |
| 383201.05  | 3817597.21         | 1.37744 (19120324)  | 383192.86 |
| 3817575.66 | 1.37336 (19120324) |                     |           |
| 383184.67  | 3817554.11         | 1.38798 (19120324)  | 383176.48 |
| 3817532.55 | 1.47530 (19120324) |                     |           |
| 383168.29  | 3817511.00         | 1.60972 (19120324)  | 383160.11 |
| 3817489.45 | 1.83398 (19120324) |                     |           |
| 383151.92  | 3817467.89         | 2.22959 (18111708)  | 383143.73 |
| 3817446.34 | 2.61976 (18111708) |                     |           |
| 383135.54  | 3817424.79         | 2.90558 (18111708)  | 383127.35 |
| 3817403.23 | 2.87664 (18111708) |                     |           |
| 383119.17  | 3817381.68         | 2.73339 (18111708)  | 383110.98 |
| 3817360.13 | 2.53382 (18111708) |                     |           |
| 383102.79  | 3817338.57         | 2.34222 (18111708)  | 383094.60 |
| 3817317.02 | 2.26760 (18111708) |                     |           |
| 383086.41  | 3817295.47         | 2.27455 (18111708)  | 383078.23 |
| 3817273.91 | 2.42775 (18111708) |                     |           |
| 383070.04  | 3817252.36         | 2.54546 (18111708)  | 383061.85 |
| 3817230.81 | 2.60206 (18111708) |                     |           |
| 383053.66  | 3817209.26         | 2.57931 (18111708)  | 383045.47 |
| 3817187.70 | 2.69810 (18111708) |                     |           |
| 383037.29  | 3817166.15         | 3.00880 (18111708)  | 383029.10 |
| 3817144.60 | 3.38733 (18111708) |                     |           |
| 383020.91  | 3817123.04         | 3.81241 (18111708)  | 383012.72 |
| 3817101.49 | 4.19786 (18111708) |                     |           |
| 383004.53  | 3817079.94         | 4.52023 (18111708)  | 382996.35 |
| 3817058.38 | 4.73607 (18111708) |                     |           |
| 382988.16  | 3817036.83         | 4.76280 (18111708)  | 382979.97 |
| 3817015.28 | 4.70693 (18111708) |                     |           |
| 382971.78  | 3816993.72         | 4.59528 (18111708)  | 382963.59 |
| 3816972.17 | 4.34522 (18111708) |                     |           |
| 382955.41  | 3816950.62         | 4.01131 (18111708)  | 382947.22 |
| 3816929.06 | 3.66148 (18111708) |                     |           |
| 382939.03  | 3816907.51         | 3.39809 (18111708)  | 382930.84 |
| 3816885.96 | 3.23800 (18111708) |                     |           |
| 382922.65  | 3816864.40         | 3.10109 (18111708)  | 382914.46 |
| 3816842.85 | 2.94083 (18111708) |                     |           |
| 382906.28  | 3816821.30         | 2.70870 (18111708)  | 382898.09 |
| 3816799.74 | 2.54780 (19120224) |                     |           |
| 382889.90  | 3816778.19         | 2.59018 (19120224)  | 382881.71 |
| 3816756.64 | 2.64663 (19120224) |                     |           |
| 382873.52  | 3816735.08         | 2.62672 (19120224)  | 382865.34 |
| 3816713.53 | 2.63287 (17011308) |                     |           |
| 382857.15  | 3816691.98         | 2.68026 (17011308)  | 382848.96 |
| 3816670.42 | 2.71653 (17011308) |                     |           |
| 382840.77  | 3816648.87         | 2.74359 (17011308)  | 382832.58 |
| 3816627.32 | 2.76877 (17011308) |                     |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1256

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 382824.40   | 3816605.76  | 2.67106    | (17011308) | 382816.21   |
| 3816584.21  | 2.55365     | (17011308) |            |             |
| 382808.02   | 3816562.66  | 2.42738    | (17011308) | 382799.83   |
| 3816541.10  | 2.27948     | (17011308) |            |             |
| 382791.64   | 3816519.55  | 2.15216    | (19110708) | 382783.46   |
| 3816498.00  | 2.03344     | (19110708) |            |             |
| 382775.27   | 3816476.44  | 1.84617    | (19110708) | 382767.08   |
| 3816454.89  | 1.64212     | (19110708) |            |             |
| 382758.89   | 3816433.34  | 1.44404    | (19110708) | 382750.70   |
| 3816411.79  | 1.25951     | (19110708) |            |             |
| 382742.52   | 3816390.23  | 1.08510    | (19110708) | 382734.33   |
| 3816368.68  | 0.92161     | (19110708) |            |             |
| 382726.14   | 3816347.13  | 0.77575    | (19110708) | 382717.95   |
| 3816325.57  | 0.64847     | (19110708) |            |             |
| 382709.76   | 3816304.02  | 0.59420c   | (20122908) | 382701.58   |
| 3816282.47  | 0.58137c    | (20122908) |            |             |
| 382693.39   | 3816260.91  | 0.59754c   | (20122908) | 382685.20   |
| 3816239.36  | 0.62942c    | (20122908) |            |             |
| 382677.01   | 3816217.81  | 0.65969c   | (20122908) | 382668.82   |
| 3816196.25  | 0.66304c    | (20122908) |            |             |
| 382660.64   | 3816174.70  | 0.63875c   | (20122908) | 382652.45   |
| 3816153.15  | 0.60406c    | (20122908) |            |             |
| 382644.26   | 3816131.59  | 0.56423c   | (20122908) | 382636.07   |
| 3816110.04  | 0.52556c    | (20122908) |            |             |
| 382627.88   | 3816088.49  | 0.49369c   | (20122908) | 382619.70   |
| 3816066.93  | 0.46786c    | (20122908) |            |             |
| 382611.51   | 3816045.38  | 0.44597c   | (20122908) | 382603.32   |
| 3816023.83  | 0.43733     | (16121824) |            |             |



|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 382595.13  | 3816002.27          | 0.44067  | (16121824) | 382586.94 |
| 3815980.72 | 0.44389 (16121824)  |          |            |           |
| 394299.11  | 3828205.39          | 0.58805  | (20071608) | 394322.17 |
| 3828205.81 | 0.58698 (20071608)  |          |            |           |
| 394345.22  | 3828206.23          | 0.58388  | (20071608) | 394368.28 |
| 3828206.65 | 0.57983 (20071608)  |          |            |           |
| 394391.34  | 3828207.07          | 0.57523  | (20071608) | 394414.40 |
| 3828207.49 | 0.57066 (20071608)  |          |            |           |
| 394604.64  | 3816359.93          | 12.01163 | (20090916) | 394579.65 |
| 3816360.42 | 10.10463 (17012716) |          |            |           |
| 394554.65  | 3816360.91          | 9.45617  | (17012716) | 394380.63 |
| 3816412.46 | 4.81189 (17100916)  |          |            |           |
| 394381.58  | 3816460.57          | 3.82780  | (19031416) | 394331.12 |
| 3816437.50 | 4.74302 (19031416)  |          |            |           |
| 394331.59  | 3816461.55          | 4.34411  | (19031416) | 394281.13 |
| 3816438.48 | 5.14577 (19031416)  |          |            |           |
| 394180.67  | 3816416.39          | 5.67109  | (17100916) | 394080.69 |
| 3816418.35 | 5.77953 (17100916)  |          |            |           |
| 394081.16  | 3816442.41          | 5.80743  | (19031416) | 394081.64 |
| 3816466.46 | 5.81913 (17100908)  |          |            |           |
| 393979.77  | 3816372.21          | 6.43155  | (17100916) | 393980.71 |
| 3816420.32 | 5.61305 (17100916)  |          |            |           |
| 393981.18  | 3816444.37          | 5.69246  | (19031416) | 393981.66 |
| 3816468.43 | 6.35750 (17100908)  |          |            |           |
| 393880.73  | 3816422.28          | 4.93496  | (17100916) | 393881.20 |
| 3816446.33 | 5.09678 (17100908)  |          |            |           |
| 393881.67  | 3816470.39          | 5.96477  | (17100908) | 393780.75 |
| 3816424.24 | 4.34964 (17100916)  |          |            |           |
| 393781.22  | 3816448.30          | 4.73009  | (17100908) | 393781.69 |
| 3816472.35 | 5.50774 (17100908)  |          |            |           |
| 393529.85  | 3816381.04          | 3.91799  | (17100916) | 393530.32 |
| 3816405.10 | 3.64579 (17100916)  |          |            |           |
| 393530.80  | 3816429.15          | 3.25703  | (17100916) | 393531.27 |
| 3816453.21 | 3.82292 (17100908)  |          |            |           |
| 393531.74  | 3816477.26          | 4.32941  | (17100908) | 393279.90 |
| 3816385.95 | 3.30905 (17100916)  |          |            |           |
| 393280.37  | 3816410.01          | 3.06116  | (17100916) | 393280.85 |
| 3816434.06 | 3.08360 (17100908)  |          |            |           |
| 393281.32  | 3816458.12          | 3.55043  | (17100908) | 393281.79 |
| 3816482.17 | 3.97086 (17100908)  |          |            |           |
| 393029.95  | 3816390.86          | 2.83225  | (16121824) | 393030.42 |
| 3816414.92 | 2.58935 (17100916)  |          |            |           |
| 393030.89  | 3816438.97          | 2.87761  | (18101508) | 393031.37 |
| 3816463.03 | 3.29737 (17100908)  |          |            |           |
| 393031.84  | 3816487.08          | 3.71405  | (17100908) | 392780.00 |
| 3816395.77 | 2.86510 (16121824)  |          |            |           |
| 392780.47  | 3816419.83          | 2.68637  | (18101508) | 392780.94 |
| 3816443.88 | 2.97452 (18101508)  |          |            |           |
| 392781.41  | 3816467.94          | 3.33827  | (17100908) | 392781.89 |
| 3816491.99 | 3.84661 (17100908)  |          |            |           |

392280.09 3816405.59 6.12659c (20122908) 392280.57  
 3816429.65 5.92815 (19031408)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1257

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 392281.04   | 3816453.70  | 6.33144    | (19031408) | 392281.51   |
| 3816477.76  | 6.57047     | (19031408) |            |             |
| 392281.98   | 3816501.81  | 6.64841    | (19031408) | 391780.19   |
| 3816415.41  | 17.64482    | (19110708) |            |             |
| 391780.66   | 3816439.47  | 17.19503   | (19110708) | 391781.13   |
| 3816463.52  | 17.24901    | (17011308) |            |             |
| 391781.61   | 3816487.58  | 17.13206   | (17011308) | 391782.08   |
| 3816511.63  | 18.46784    | (18111708) |            |             |
| 391280.29   | 3816425.23  | 1.98665    | (19031408) | 391280.76   |
| 3816449.28  | 2.13372     | (19031408) |            |             |
| 391281.23   | 3816473.34  | 2.28469    | (19031408) | 391281.70   |
| 3816497.39  | 2.43329     | (19031408) |            |             |
| 391282.18   | 3816521.45  | 2.54165    | (19031408) | 390780.38   |
| 3816435.05  | 1.22155     | (18101508) |            |             |
| 390780.86   | 3816459.10  | 1.28819    | (18101508) | 390781.33   |
| 3816483.16  | 1.34970     | (18101508) |            |             |
| 390781.80   | 3816507.21  | 1.40528    | (18101508) | 390782.27   |
| 3816531.27  | 1.45448     | (18101508) |            |             |
| 389447.31   | 3816461.23  | 0.88678    | (18101508) | 389447.78   |
| 3816485.29  | 0.92111     | (18101508) |            |             |
| 389448.25   | 3816509.34  | 0.95267    | (18101508) | 389448.72   |
| 3816533.40  | 0.98240     | (18101508) |            |             |
| 389449.20   | 3816557.45  | 1.00821    | (18101508) | 388114.23   |
| 3816487.42  | 1.12669     | (19031408) |            |             |
| 388114.70   | 3816511.47  | 1.19067    | (19031408) | 388115.18   |
| 3816535.53  | 1.23348     | (19031408) |            |             |

|            |                     |          |            |           |
|------------|---------------------|----------|------------|-----------|
| 388115.65  | 3816559.58          | 1.27542  | (19031408) | 388116.12 |
| 3816583.64 | 1.31930 (19031408)  |          |            |           |
| 386781.15  | 3816513.60          | 3.18220  | (17011308) | 386781.63 |
| 3816537.66 | 3.49295 (17011308)  |          |            |           |
| 386782.10  | 3816561.71          | 3.78510  | (17011308) | 384115.95 |
| 3816614.08 | 3.57992 (17011308)  |          |            |           |
| 384116.42  | 3816638.14          | 3.60861  | (17011308) | 384116.89 |
| 3816662.19 | 3.59374 (17011308)  |          |            |           |
| 382781.93  | 3816592.16          | 2.20639  | (17011308) | 382782.40 |
| 3816616.21 | 2.22827 (17011308)  |          |            |           |
| 382782.87  | 3816640.27          | 2.18892  | (17011308) | 382783.34 |
| 3816664.32 | 2.08852 (17011308)  |          |            |           |
| 382783.82  | 3816688.38          | 1.95886  | (17011308) | 394422.12 |
| 3816355.67 | 6.33169 (17012716)  |          |            |           |
| 394431.55  | 3816074.00          | 9.10000  | (20020416) | 394505.88 |
| 3816102.42 | 9.06615 (18041716)  |          |            |           |
| 394845.91  | 3816316.86          | 83.92565 | (19092416) | 394851.99 |
| 3816171.62 | 13.55282 (20111016) |          |            |           |
| 394938.55  | 3816190.78          | 12.31898 | (18090616) | 395146.90 |
| 3816227.99 | 26.48346 (16020116) |          |            |           |
| 395229.26  | 3816259.58          | 21.51236 | (17101916) | 395297.19 |
| 3816294.88 | 16.46772 (18041916) |          |            |           |
| 395477.24  | 3816464.82          | 14.37776 | (20051424) | 395717.89 |
| 3816659.64 | 12.13947 (18091516) |          |            |           |
| 395767.24  | 3816761.28          | 12.83925 | (16051424) | 395838.93 |
| 3816885.79 | 11.78850 (16051424) |          |            |           |
| 395978.53  | 3816995.21          | 12.66715 | (16041108) | 395965.33 |
| 3817015.97 | 19.15064 (16010308) |          |            |           |
| 395897.41  | 3816995.21          | 30.49196 | (16010308) | 395671.02 |
| 3816874.47 | 17.71266 (18022824) |          |            |           |
| 395625.29  | 3816855.97          | 19.77278 | (18022824) | 395595.43 |
| 3816805.48 | 18.63511 (17110124) |          |            |           |
| 395062.29  | 3816461.56          | 71.18882 | (16051516) | 394631.53 |
| 3816455.66 | 6.80320 (16041716)  |          |            |           |
| 394629.64  | 3816359.44          | 14.76529 | (20090916) | 394422.91 |
| 3816332.20 | 5.91172 (17012716)  |          |            |           |
| 394423.69  | 3816308.73          | 6.91353  | (20090916) | 394424.48 |
| 3816285.25 | 7.16423 (20090916)  |          |            |           |
| 394425.26  | 3816261.78          | 8.25032  | (19101016) | 394426.05 |
| 3816238.31 | 10.90239 (19101016) |          |            |           |
| 394426.83  | 3816214.84          | 10.58028 | (19101016) | 394427.62 |
| 3816191.36 | 8.94301 (17091016)  |          |            |           |
| 394428.41  | 3816167.89          | 9.00560  | (17091016) | 394429.19 |
| 3816144.42 | 8.51860 (17092516)  |          |            |           |
| 394429.98  | 3816120.95          | 9.05143  | (16041616) | 394430.76 |
| 3816097.47 | 9.19770 (20020416)  |          |            |           |
| 394450.13  | 3816081.11          | 9.10055  | (20020416) | 394468.71 |
| 3816088.21 | 8.95562 (20020416)  |          |            |           |
| 394487.30  | 3816095.32          | 8.85635  | (18041716) | 394525.88 |
| 3816115.03 | 9.34169 (18041716)  |          |            |           |

394545.88 3816127.65 9.98398 (17090116) 394565.89  
 3816140.26 11.61851 (16120216)  
 394585.89 3816152.88 13.78426 (16120216) 394605.89  
 3816165.49 16.34495 (16120216)  
 ^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1258

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 394625.89   | 3816178.10  | 19.31262   | (16120216) | 394645.89   |
| 3816190.72  | 22.68489    | (16120216) |            |             |
| 394665.89   | 3816203.33  | 26.23619   | (16120216) | 394685.90   |
| 3816215.95  | 29.25127    | (16120216) |            |             |
| 394705.90   | 3816228.56  | 32.77888   | (20060816) | 394725.90   |
| 3816241.18  | 39.69455    | (20060816) |            |             |
| 394745.90   | 3816253.79  | 45.68827   | (20060816) | 394765.90   |
| 3816266.40  | 47.60795    | (20060816) |            |             |
| 394785.90   | 3816279.02  | 54.97273   | (20030216) | 394805.91   |
| 3816291.63  | 68.95262    | (19092416) |            |             |
| 394825.91   | 3816304.25  | 102.33820  | (19092416) | 394846.92   |
| 3816292.65  | 49.81924    | (20100116) |            |             |
| 394847.94   | 3816268.45  | 35.67443   | (20100116) | 394848.95   |
| 3816244.24  | 25.80559    | (20100116) |            |             |
| 394849.96   | 3816220.03  | 19.59068   | (20111016) | 394850.98   |
| 3816195.83  | 16.38675    | (20111016) |            |             |
| 394873.63   | 3816176.41  | 13.95077   | (20111016) | 394895.27   |
| 3816181.20  | 12.04679    | (19122216) |            |             |
| 394916.91   | 3816185.99  | 12.45862   | (18090616) | 394961.70   |
| 3816194.91  | 10.55629    | (18090616) |            |             |
| 394984.85   | 3816199.05  | 14.42133   | (20123116) | 395008.00   |
| 3816203.18  | 16.79245    | (17042816) |            |             |
| 395031.15   | 3816207.32  | 26.77604   | (17042816) | 395054.30   |
| 3816211.45  | 27.39036    | (18110516) |            |             |

|            |           |            |            |            |           |
|------------|-----------|------------|------------|------------|-----------|
| 3816219.72 | 395077.45 | 3816215.59 | 22.98740   | (17053116) | 395100.60 |
|            |           | 30.60504   | (16020116) |            |           |
|            | 395123.75 | 3816223.86 | 31.50582   | (16020116) | 395167.49 |
| 3816235.89 |           | 25.53070   | (17100116) |            |           |
|            | 395188.08 | 3816243.79 | 25.87080   | (16111616) | 395208.67 |
| 3816251.68 |           | 25.63480   | (19051716) |            |           |
|            | 395246.24 | 3816268.41 | 20.76387   | (17042716) | 395263.23 |
| 3816277.23 |           | 19.31473   | (18021016) |            |           |
|            | 395280.21 | 3816286.06 | 17.64727   | (18021016) | 395315.20 |
| 3816311.87 |           | 15.16618   | (20050116) |            |           |
|            | 395333.20 | 3816328.87 | 15.60822   | (16122416) | 395351.21 |
| 3816345.86 |           | 16.69483   | (16122416) |            |           |
|            | 395369.21 | 3816362.86 | 14.00610   | (16013124) | 395387.21 |
| 3816379.85 |           | 15.51684   | (16013124) |            |           |
|            | 395405.22 | 3816396.84 | 14.44662   | (16013124) | 395423.23 |
| 3816413.84 |           | 12.19348   | (20051424) |            |           |
|            | 395441.23 | 3816430.83 | 14.51287   | (20051424) | 395459.24 |
| 3816447.83 |           | 15.06211   | (20051424) |            |           |
|            | 395495.75 | 3816479.81 | 14.59761   | (20050124) | 395514.26 |
| 3816494.79 |           | 14.15577   | (20050124) |            |           |
|            | 395532.77 | 3816509.78 | 12.88805   | (20050124) | 395551.29 |
| 3816524.76 |           | 12.31762   | (16051516) |            |           |
|            | 395569.80 | 3816539.75 | 13.27566   | (16051516) | 395588.31 |
| 3816554.74 |           | 13.68138   | (16051516) |            |           |
|            | 395606.82 | 3816569.72 | 13.66587   | (16051516) | 395625.33 |
| 3816584.71 |           | 13.38202   | (16051516) |            |           |
|            | 395643.84 | 3816599.70 | 12.77480   | (16051516) | 395662.36 |
| 3816614.68 |           | 12.02854   | (16051516) |            |           |
|            | 395680.87 | 3816629.67 | 11.38183   | (18091516) | 395699.38 |
| 3816644.65 |           | 11.87202   | (18091516) |            |           |
|            | 395727.76 | 3816679.97 | 12.92055   | (18091516) | 395737.63 |
| 3816700.30 |           | 13.04126   | (18091516) |            |           |
|            | 395747.50 | 3816720.62 | 12.87497   | (17032216) | 395757.37 |
| 3816740.95 |           | 12.76548   | (17032216) |            |           |
|            | 395779.19 | 3816782.03 | 13.53431   | (16051424) | 395791.14 |
| 3816802.78 |           | 13.90961   | (16051424) |            |           |
|            | 395803.08 | 3816823.54 | 13.85727   | (16051424) | 395815.03 |
| 3816844.29 |           | 13.34447   | (16051424) |            |           |
|            | 395826.98 | 3816865.04 | 12.66076   | (16051424) | 395856.38 |
| 3816899.47 |           | 11.41924   | (17110124) |            |           |
|            | 395873.83 | 3816913.15 | 11.46187   | (17110124) | 395891.28 |
| 3816926.82 |           | 11.47098   | (20040624) |            |           |
|            | 395908.73 | 3816940.50 | 12.46131   | (16041108) | 395926.18 |
| 3816954.18 |           | 13.95686   | (16041108) |            |           |
|            | 395943.63 | 3816967.86 | 13.69971   | (16041108) | 395961.08 |
| 3816981.53 |           | 12.79757   | (16041108) |            |           |
|            | 395942.69 | 3817009.05 | 22.33686   | (16010308) | 395920.05 |
| 3817002.13 |           | 28.27483   | (16010308) |            |           |
|            | 395876.83 | 3816984.23 | 27.53848   | (16010308) | 395856.25 |
| 3816973.26 |           | 24.04412   | (16010308) |            |           |

395835.67 3816962.28 21.82408 (16010308) 395815.09  
 3816951.30 20.36989m (19081008)  
 395794.51 3816940.33 20.17040m (19081008) 395773.92  
 3816929.35 19.42605m (19081008)  
 395753.34 3816918.38 18.46611m (19081008) 395732.76  
 3816907.40 17.93483 (17041824)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1259

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): BLINE1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)         | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|---------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                | (YYMMDDHH) |            |             |
| 395712.18   | 3816896.42          | 17.69892   | (17041824) | 395691.60   |
| 3816885.45  | 17.50905 (17041824) |            |            |             |
| 395648.16   | 3816865.22          | 18.72100   | (18022824) | 395615.34   |
| 3816839.14  | 18.53080 (18022824) |            |            |             |
| 395605.38   | 3816822.31          | 18.57261   | (17110124) | 395574.92   |
| 3816792.25  | 19.09464 (17110124) |            |            |             |
| 395554.42   | 3816779.02          | 19.54009   | (17110124) | 395533.91   |
| 3816765.80  | 20.00643 (17110124) |            |            |             |
| 395513.41   | 3816752.57          | 20.47654   | (17110124) | 395492.90   |
| 3816739.34  | 20.85152 (17110124) |            |            |             |
| 395472.40   | 3816726.11          | 21.32229   | (17110124) | 395451.89   |
| 3816712.89  | 21.86393 (18112916) |            |            |             |
| 395431.39   | 3816699.66          | 22.54715   | (18112916) | 395410.88   |
| 3816686.43  | 23.14280 (18112916) |            |            |             |
| 395390.38   | 3816673.20          | 23.84951   | (16101516) | 395369.87   |
| 3816659.98  | 24.81263 (16101516) |            |            |             |
| 395349.37   | 3816646.75          | 25.83401   | (16101516) | 395328.86   |
| 3816633.52  | 26.40482 (16101516) |            |            |             |
| 395308.35   | 3816620.29          | 26.95142   | (16101516) | 395287.85   |
| 3816607.06  | 27.86718 (16101516) |            |            |             |
| 395267.34   | 3816593.84          | 30.21043   | (16101516) | 395246.84   |
| 3816580.61  | 33.02744 (16051424) |            |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 395226.33  | 3816567.38 | 34.48650   | (16051424) | 395205.83 |
| 3816554.15 | 36.83323   | (16051424) |            |           |
| 395185.32  | 3816540.93 | 38.47029   | (18082516) | 395164.82 |
| 3816527.70 | 42.26590   | (18082516) |            |           |
| 395144.31  | 3816514.47 | 48.01394   | (16080516) | 395123.81 |
| 3816501.24 | 57.20920   | (16060916) |            |           |
| 395103.30  | 3816488.02 | 68.21951   | (16060916) | 395082.80 |
| 3816474.79 | 74.68095   | (16060916) |            |           |
| 395038.36  | 3816461.23 | 106.48192  | (16060916) | 395014.43 |
| 3816460.90 | 146.81142  | (16060916) |            |           |
| 394990.50  | 3816460.58 | 193.72738  | (18082516) | 394966.57 |
| 3816460.25 | 392.08040  | (18112916) |            |           |
| 394942.63  | 3816459.92 | 735.01554  | (18091024) | 394918.70 |
| 3816459.59 | 1235.97115 | (20040416) |            |           |
| 394894.77  | 3816459.27 | 1653.18816 | (18110308) | 394870.84 |
| 3816458.94 | 983.02550  | (17021716) |            |           |
| 394846.91  | 3816458.61 | 297.68722c | (20122824) | 394822.98 |
| 3816458.28 | 262.38024  | (16020724) |            |           |
| 394799.05  | 3816457.95 | 77.01412   | (17120524) | 394775.12 |
| 3816457.63 | 36.11827   | (17120424) |            |           |
| 394751.19  | 3816457.30 | 18.58819   | (18110908) | 394727.25 |
| 3816456.97 | 11.04677c  | (18102116) |            |           |
| 394703.32  | 3816456.64 | 8.75277c   | (18102116) | 394679.39 |
| 3816456.32 | 7.80225    | (16041716) |            |           |
| 394655.46  | 3816455.99 | 7.36664    | (16041716) | 394631.06 |
| 3816431.61 | 7.85876    | (19031416) |            |           |
| 394630.59  | 3816407.55 | 10.49238   | (17100916) | 394630.11 |
| 3816383.50 | 13.71345   | (17012716) |            |           |
| 394606.58  | 3816359.02 | 12.34752   | (20090916) | 394583.52 |
| 3816358.60 | 10.42213   | (20090916) |            |           |
| 394560.47  | 3816358.18 | 9.41619    | (17012716) | 394537.41 |
| 3816357.76 | 8.78228    | (17012716) |            |           |
| 394514.35  | 3816357.35 | 8.15094    | (17012716) | 394491.29 |
| 3816356.93 | 7.63762    | (17012716) |            |           |
| 394468.24  | 3816356.51 | 7.14534    | (17012716) | 394445.18 |
| 3816356.09 | 6.66092    | (17012716) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
 Study \*\*\* 02/10/26  
 \*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
 \*\*\* 17:54:19

PAGE 1260

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID<br>(XR, YR, ZELEV, ZHILL, ZFLAG) | AVERAGE CONC<br>OF TYPE | NETWORK<br>GRID-ID | DATE<br>(YYMMDDHH) | RECEPTOR |
|-------------------------------------------|-------------------------|--------------------|--------------------|----------|
| -----                                     |                         |                    |                    |          |
| -----                                     |                         |                    |                    |          |

ALL HIGH 1ST HIGH VALUE IS 2990.99697 ON 18110702: AT ( 394894.77,  
3816459.27, 928.44, 1439.49, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 1261

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE SUMMARY OF HIGHEST 8-HR

RESULTS \*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID<br>(XR, YR, ZELEV, ZHILL, ZFLAG) | AVERAGE CONC<br>OF TYPE | NETWORK<br>GRID-ID | DATE<br>(YYMMDDHH) | RECEPTOR |
|-------------------------------------------|-------------------------|--------------------|--------------------|----------|
| -----                                     |                         |                    |                    |          |
| -----                                     |                         |                    |                    |          |

ALL HIGH 1ST HIGH VALUE IS 1653.18816 ON 18110308: AT ( 394894.77,  
3816459.27, 928.44, 1439.49, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19



\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 435 Warning Message(s)  
A Total of 765 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 237 Calm Hours Identified  
  
A Total of 528 Missing Hours Identified ( 1.20 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

|             |     |                                                           |
|-------------|-----|-----------------------------------------------------------|
| RE W476     | 11  | BLRECEP: # receptors within BL source (BLPGROUP)          |
| 0 (ALL )    |     |                                                           |
| ME W186     | 24  | MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used  |
| 0.50        |     |                                                           |
| ME W187     | 24  | MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET |
| CN W471     | 44  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16010220 |     |                                                           |
| CN W471     | 199 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16010907 |     |                                                           |
| CN W471     | 202 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16010910 |     |                                                           |
| CN W733     | 272 | AVER: 8-hr avg, < 6 hours of data, calms policy used.     |
| 2016011208  |     |                                                           |
| CN W471     | 282 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16011218 |     |                                                           |
| CN W471     | 400 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16011716 |     |                                                           |
| CN W471     | 605 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16012605 |     |                                                           |
| CN W471     | 657 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16012809 |     |                                                           |
| CN W733     | 664 | AVER: 8-hr avg, < 6 hours of data, calms policy used.     |
| 2016012816  |     |                                                           |
| CN W471     | 866 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs  |
| on 16020602 |     |                                                           |

|             |      |                                                         |
|-------------|------|---------------------------------------------------------|
| CN W471     | 946  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16020910 |      |                                                         |
| CN W471     | 1017 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021209 |      |                                                         |
| CN W471     | 1038 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021306 |      |                                                         |
| CN W471     | 1103 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021523 |      |                                                         |
| CN W471     | 1113 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021609 |      |                                                         |
| CN W471     | 1129 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021701 |      |                                                         |
| CN W471     | 1223 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022023 |      |                                                         |
| CN W471     | 1228 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022104 |      |                                                         |
| CN W471     | 1303 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022407 |      |                                                         |
| CN W471     | 1329 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022509 |      |                                                         |
| CN W733     | 1672 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031016  |      |                                                         |
| CN W733     | 1744 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031316  |      |                                                         |
| CN W733     | 1768 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031416  |      |                                                         |
| CN W733     | 1784 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031508  |      |                                                         |
| CN W471     | 1830 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16031706 |      |                                                         |
| CN W471     | 1857 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16031809 |      |                                                         |
| CN W733     | 1864 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031816  |      |                                                         |
| CN W471     | 1899 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16032003 |      |                                                         |
| CN W733     | 2008 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016032416  |      |                                                         |
| CN W733     | 2072 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016032708  |      |                                                         |
| CN W471     | 2203 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16040119 |      |                                                         |
| CN W733     | 2224 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016040216  |      |                                                         |
| CN W733     | 2248 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016040316  |      |                                                         |
| CN W471     | 2911 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16050107 |      |                                                         |
| CN W471     | 2976 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16050324 |      |                                                         |

|             |      |                                                         |
|-------------|------|---------------------------------------------------------|
| CN W471     | 3175 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16051207 |      |                                                         |
| CN W471     | 3722 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16060402 |      |                                                         |
| CN W471     | 3723 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16060403 |      |                                                         |
| CN W471     | 4277 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16062705 |      |                                                         |
| CN W733     | 4432 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016070316  |      |                                                         |
| CN W733     | 4848 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016072024  |      |                                                         |
| CN W733     | 4856 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016072108  |      |                                                         |
| CN W471     | 5744 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16082708 |      |                                                         |
| CN W471     | 5815 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16083007 |      |                                                         |
| CN W471     | 5864 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16090108 |      |                                                         |
| CN W471     | 6272 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16091808 |      |                                                         |
| CN W471     | 6416 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16092408 |      |                                                         |
| CN W471     | 6724 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16100704 |      |                                                         |
| CN W471     | 7063 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16102107 |      |                                                         |
| CN W471     | 7064 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16102108 |      |                                                         |
| CN W471     | 7065 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16102109 |      |                                                         |
| CN W471     | 7073 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16102117 |      |                                                         |
| CN W471     | 7074 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16102118 |      |                                                         |
| CN W471     | 7268 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16102920 |      |                                                         |
| CN W471     | 7272 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16102924 |      |                                                         |
| CN W471     | 7616 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16111308 |      |                                                         |
| CN W471     | 7636 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16111404 |      |                                                         |
| CN W471     | 7640 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16111408 |      |                                                         |
| CN W471     | 7649 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16111417 |      |                                                         |
| CN W471     | 7665 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS |
| on 16111509 |      |                                                         |

|             |      |                                                         |
|-------------|------|---------------------------------------------------------|
| CN W471     | 7779 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112003 |      |                                                         |
| CN W471     | 7841 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112217 |      |                                                         |
| CN W471     | 7905 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112509 |      |                                                         |
| CN W471     | 7906 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112510 |      |                                                         |
| CN W471     | 8114 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16120402 |      |                                                         |
| CN W471     | 8119 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16120407 |      |                                                         |
| CN W471     | 8194 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16120710 |      |                                                         |
| CN W471     | 8358 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16121406 |      |                                                         |
| CN W471     | 8457 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16121809 |      |                                                         |
| CN W471     | 8506 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122010 |      |                                                         |
| CN W471     | 8517 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122021 |      |                                                         |
| CN W471     | 8561 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122217 |      |                                                         |
| CN W471     | 8686 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122722 |      |                                                         |
| CN W471     | 8687 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122723 |      |                                                         |
| CN W471     | 8688 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122724 |      |                                                         |
| CN W471     | 8703 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122815 |      |                                                         |
| CN W471     | 8940 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010712 |      |                                                         |
| CN W471     | 8948 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010720 |      |                                                         |
| CN W471     | 8953 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010801 |      |                                                         |
| CN W471     | 8954 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010802 |      |                                                         |
| CN W471     | 9129 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17011509 |      |                                                         |
| CN W471     | 9130 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17011510 |      |                                                         |
| CN W471     | 9172 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17011704 |      |                                                         |
| CN W471     | 9379 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17012519 |      |                                                         |
| CN W471     | 9441 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17012809 |      |                                                         |

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 9498<br>on 17013018  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 9537<br>on 17020109  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 9640<br>2017020516   | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 9792<br>on 17021124  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 9952<br>2017021816   | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 10135<br>on 17022607 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10232<br>on 17030208 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10257<br>on 17030309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10266<br>on 17030318 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10362<br>on 17030718 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10496<br>on 17031308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10511<br>on 17031323 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10518<br>on 17031406 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 10544<br>on 17031508 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 10808<br>2017032608  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 11430<br>on 17042106 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 12746<br>on 17061502 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 12847<br>on 17061907 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 14455<br>on 17082507 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 14839<br>on 17091007 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 14840<br>on 17091008 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 15200<br>on 17092508 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 15282<br>on 17092818 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 15440<br>on 17100508 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 15484<br>on 17100704 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 15485<br>on 17100705 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 15631<br>on 17101307 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 15633<br>on 17101309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 15677<br>on 17101505 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 15960<br>2017102624  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 15968<br>2017102708  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 15993<br>on 17102809 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16017<br>on 17102909 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16338<br>on 17111118 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16348<br>on 17111204 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16387<br>on 17111319 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 16568<br>2017112108  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 16616<br>on 17112308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16617<br>on 17112309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16624<br>on 17112316 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16666<br>on 17112510 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 16687<br>on 17112607 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 16976<br>2017120808  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 17040<br>2017121024  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 17048<br>2017121108  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 17072<br>on 17121208 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 17073<br>on 17121209 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 17074<br>on 17121210 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 17078<br>on 17121214 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 17225<br>on 17121817 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| CN W471 17359<br>on 17122407 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17384<br>on 17122508 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17391<br>on 17122515 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17392<br>on 17122516 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17409<br>on 17122609 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17417<br>on 17122617 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17433<br>on 17122709 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17441<br>on 17122717 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17458<br>on 17122810 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17481<br>on 17122909 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17482<br>on 17122910 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17493<br>on 17122921 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17505<br>on 17123009 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17514<br>on 17123018 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17551<br>on 18010107 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17570<br>on 18010202 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17578<br>on 18010210 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17588<br>on 18010220 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17861<br>on 18011405 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17890<br>on 18011510 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17895<br>on 18011515 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17937<br>on 18011709 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17946<br>on 18011718 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 17948<br>on 18011720 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18065<br>on 18012217 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| CN W471 18093<br>on 18012321 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18105<br>on 18012409 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18112<br>on 18012416 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18313<br>on 18020201 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18336<br>on 18020224 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18345<br>on 18020309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18369<br>on 18020409 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18488<br>on 18020908 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 18489<br>on 18020909 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W733 18712<br>2018021816  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 18856<br>2018022416  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 18872<br>2018022508  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W471 18943<br>on 18022807 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19088<br>on 18030608 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19113<br>on 18030709 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W733 19144<br>2018030816  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W471 19208<br>on 18031108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19209<br>on 18031109 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19210<br>on 18031110 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19416<br>on 18031924 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19615<br>on 18032807 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19617<br>on 18032809 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 19926<br>on 18041006 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 20023<br>on 18041407 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 20118<br>on 18041806 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |



|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 20119<br>on 18041807 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 21184<br>2018060116  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 21199<br>on 18060207 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 21434<br>on 18061202 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 21439<br>on 18061207 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 22064<br>2018070808  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 22480<br>2018072516  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 22807<br>on 18080807 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 22832<br>on 18080908 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 23408<br>on 18090208 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 23480<br>on 18090508 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 23672<br>on 18091308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 23764<br>on 18091704 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 23816<br>on 18091908 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 23912<br>on 18092308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 24592<br>2018102116  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 24633<br>on 18102309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 24714<br>on 18102618 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 24724<br>on 18102704 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 24727<br>on 18102707 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 24743<br>on 18102723 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 24766<br>on 18102822 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 24921<br>on 18110409 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 24922<br>on 18110410 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 25072<br>2018111016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| CN W471 25224<br>on 18111624 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25232<br>on 18111708 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25274<br>on 18111902 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25280<br>on 18111908 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25305<br>on 18112009 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25328<br>on 18112108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25442<br>on 18112602 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25473<br>on 18112709 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25616<br>on 18120308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25617<br>on 18120309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25637<br>on 18120405 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25641<br>on 18120409 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W733 25744<br>2018120816  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 25752<br>2018120824  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 25760<br>2018120908  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 25768<br>2018120916  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 25784<br>2018121008  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 25792<br>2018121016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W471 25802<br>on 18121102 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25805<br>on 18121105 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25907<br>on 18121511 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25914<br>on 18121518 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 25930<br>on 18121610 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 26021<br>on 18122005 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 26022<br>on 18122006 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 26027<br>on 18122011 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26104<br>on 18122316 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 26304<br>2018123124  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 26349<br>on 19010221 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26362<br>on 19010310 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26385<br>on 19010409 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26393<br>on 19010417 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26490<br>on 19010818 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26553<br>on 19011109 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26554<br>on 19011110 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26561<br>on 19011117 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26649<br>on 19011509 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26841<br>on 19012309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26865<br>on 19012409 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26937<br>on 19012709 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 26938<br>on 19012710 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27002<br>on 19013002 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27007<br>on 19013007 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27055<br>on 19020107 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27056<br>on 19020108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27222<br>on 19020806 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27224<br>on 19020808 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27225<br>on 19020809 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27329<br>on 19021217 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 27330<br>on 19021218 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W733 27824<br>2019030508  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 27832<br>2019030516  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 27968<br>2019031108  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 28064<br>2019031508  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 28088<br>2019031608  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 28112<br>2019031708  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 28120<br>2019031716  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 28136<br>2019031808  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 28144<br>2019031816  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 28168<br>2019031916  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 28903<br>on 19041907 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 30126<br>on 19060906 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 30151<br>on 19061007 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W733 30872<br>2019071008  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 31159<br>on 19072207 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 31207<br>on 19072407 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 31496<br>on 19080508 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W733 31624<br>2019081016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 31976<br>on 19082508 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 32192<br>on 19090308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W733 32296<br>2019090716  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 32408<br>on 19091208 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 32431<br>on 19091307 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 32888<br>on 19100208 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 32910<br>on 19100306 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| CN W733 32920<br>2019100316  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W471 33006<br>on 19100706 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33128<br>on 19101208 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W733 33160<br>2019101316  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 33168<br>2019101324  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 33176<br>2019101408  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 33184<br>2019101416  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 33192<br>2019101424  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 33200<br>2019101508  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W733 33208<br>2019101516  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W471 33334<br>on 19102022 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33344<br>on 19102108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W733 33352<br>2019102116  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| CN W471 33359<br>on 19102123 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33412<br>on 19102404 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33607<br>on 19110107 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33642<br>on 19110218 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33656<br>on 19110308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33698<br>on 19110502 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33726<br>on 19110606 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33750<br>on 19110706 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33777<br>on 19110809 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33848<br>on 19111108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33873<br>on 19111209 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| CN W471 33881<br>on 19111217 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 33894<br>on 19111306 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34082<br>on 19112102 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34084<br>on 19112104 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34088<br>on 19112108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34108<br>on 19112204 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W733 34136<br>2019112308  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 34162<br>on 19112410 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34216<br>on 19112616 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34218<br>on 19112618 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34325<br>on 19120105 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34335<br>on 19120115 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34336<br>on 19120116 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34337<br>on 19120117 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34343<br>on 19120123 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34361<br>on 19120217 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34362<br>on 19120218 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34375<br>on 19120307 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34376<br>on 19120308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34377<br>on 19120309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34378<br>on 19120310 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34459<br>on 19120619 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34469<br>on 19120705 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W471 34470<br>on 19120706 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| CN W733 34552<br>2019121016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 34786<br>on 19122010 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 34868<br>on 19122320 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 34874<br>on 19122402 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 34983<br>on 19122815 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 34984<br>on 19122816 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 34985<br>on 19122817 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 34999<br>on 19122907 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 35064<br>2019123124  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 35128<br>on 20010316 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35193<br>on 20010609 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35224<br>on 20010716 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35474<br>on 20011802 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35475<br>on 20011803 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35478<br>on 20011806 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35481<br>on 20011809 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35935<br>on 20020607 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 35960<br>on 20020708 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 36064<br>2020021116  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 36099<br>on 20021303 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 36104<br>on 20021308 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 36105<br>on 20021309 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 36240<br>on 20021824 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 36295<br>on 20022107 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 36439<br>on 20022707 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 36450<br>on 20022718 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 36451<br>on 20022719 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 36465<br>on 20022809 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 36629<br>on 20030605 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 36808<br>2020031316  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 36832<br>2020031416  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 36856<br>2020031516  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 36880<br>2020031616  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 36921<br>on 20031809 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 37288<br>2020040216  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 37312<br>2020040316  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 37396<br>on 20040704 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 37408<br>2020040716  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 37720<br>2020042016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 38140<br>on 20050804 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 38168<br>on 20050908 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 38911<br>on 20060907 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 40135<br>on 20073007 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 40159<br>on 20073107 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W733 40184<br>2020080108  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 40640<br>on 20082008 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 40735<br>on 20082407 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 40951<br>on 20090207 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 41166<br>on 20091106 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 41168<br>on 20091108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 41169<br>on 20091109 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| CN W471 41188<br>on 20091204 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |



|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| CN W471 41189<br>on 20091205 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41598<br>on 20092906 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41600<br>on 20092908 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41624<br>on 20093008 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41648<br>on 20100108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41718<br>on 20100406 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41719<br>on 20100407 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41742<br>on 20100506 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 41743<br>on 20100507 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 41760<br>2020100524  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 41768<br>2020100608  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 41800<br>2020100716  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 41872<br>2020101016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 42128<br>on 20102108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 42317<br>on 20102905 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 42318<br>on 20102906 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 42352<br>2020103016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W471 42425<br>on 20110217 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 42605<br>on 20111005 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W471 42631<br>on 20111107 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| CN W733 42664<br>2020111216  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 42808<br>2020111816  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 42856<br>2020112016  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 42880<br>2020112116  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| CN W733 42904<br>2020112216  | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |

|               |                                                         |
|---------------|---------------------------------------------------------|
| CN W733 42928 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020112316    |                                                         |
| CN W733 42952 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020112416    |                                                         |
| CN W733 42976 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020112516    |                                                         |
| CN W733 42984 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020112524    |                                                         |
| CN W733 43000 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020112616    |                                                         |
| CN W471 43033 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20112801   |                                                         |
| CN W471 43039 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20112807   |                                                         |
| CN W471 43040 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20112808   |                                                         |
| CN W471 43126 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20120122   |                                                         |
| CN W471 43135 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20120207   |                                                         |
| CN W471 43136 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20120208   |                                                         |
| CN W471 43178 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20120402   |                                                         |
| CN W471 43216 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20120516   |                                                         |
| CN W471 43217 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20120517   |                                                         |
| CN W471 43240 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20120616   |                                                         |
| CN W733 43456 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020121516    |                                                         |
| CN W471 43578 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20122018   |                                                         |
| CN W471 43592 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20122108   |                                                         |
| CN W733 43600 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020122116    |                                                         |
| CN W471 43601 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20122117   |                                                         |
| CN W471 43690 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20122510   |                                                         |
| CN W733 43848 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020123124    |                                                         |

\*\*\*\*\*  
 \*\*\* AERMOD Finishes Successfully \*\*\*  
 \*\*\*\*\*

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 1

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

\*\* Model Options Selected:

- \* Model Uses Regulatory DEFAULT Options
- \* Model Is Setup For Calculation of Average CONCentration Values.
- \* NO GAS DEPOSITION Data Provided.
- \* NO PARTICLE DEPOSITION Data Provided.
- \* Model Uses NO DRY DEPLETION. DDPLETE = F
- \* Model Uses NO WET DEPLETION. WETDPLT = F
- \* Stack-tip Downwash.
- \* Model Accounts for ELEVated Terrain Effects.
- \* Use Calms Processing Routine.
- \* Use Missing Data Processing Routine.
- \* No Exponential Decay.
- \* Model Uses RURAL Dispersion Only.
- \* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET
- \* CCVR\_Sub - Meteorological data includes CCVR substitutions
- \* TEMP\_Sub - Meteorological data includes TEMP substitutions
- \* Model Assumes No FLAGPOLE Receptor Heights.
- \* The User Specified a Pollutant Type of: ALL

\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 34698  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 1 BUOYANT LINE source(s) with a total of 1 line(s)  
and: 0 SWPOINT source(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

```

10.80,
1.54, 3.09, 5.14, 8.23,
*** AERMOD - VERSION 24142 *** C:\Lakes\AERMOD View\Prairie Song Plume
Study *** 02/10/26
*** AERMET - VERSION 21112 *** Prairie Song BESS Plume Study
*** 17:54:19

```

DATA \*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

Profile format: FREE

First 24 hours of scalar data

| YR     | MO  | DY | JDY | HR | H0  | U* | W* | DT/DZ | ZICNV | ZIMCH | M-O | LEN | Z0 | BOWEN |
|--------|-----|----|-----|----|-----|----|----|-------|-------|-------|-----|-----|----|-------|
| ALBEDO | REF | WS | WD  | HT | REF | TA | HT |       |       |       |     |     |    |       |

|          |      |       |       |        |        |       |      |       |      |      |
|----------|------|-------|-------|--------|--------|-------|------|-------|------|------|
| 16 01 01 | 1 01 | -7.9  | 0.120 | -9.000 | -9.000 | -999. | 100. | 18.2  | 0.04 | 2.10 |
| 1.00     | 1.86 | 306.  | 10.0  | 269.9  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 02 | -8.5  | 0.125 | -9.000 | -9.000 | -999. | 106. | 19.0  | 0.04 | 2.10 |
| 1.00     | 1.93 | 320.  | 10.0  | 270.4  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 03 | -6.0  | 0.104 | -9.000 | -9.000 | -999. | 81.  | 15.6  | 0.04 | 2.10 |
| 1.00     | 1.64 | 342.  | 10.0  | 269.2  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 04 | -14.7 | 0.166 | -9.000 | -9.000 | -999. | 162. | 30.2  | 0.04 | 2.10 |
| 1.00     | 2.52 | 348.  | 10.0  | 269.2  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 05 | -5.6  | 0.103 | -9.000 | -9.000 | -999. | 81.  | 16.3  | 0.07 | 2.10 |
| 1.00     | 1.43 | 291.  | 10.0  | 268.1  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 06 | -8.7  | 0.130 | -9.000 | -9.000 | -999. | 112. | 20.8  | 0.08 | 2.10 |
| 1.00     | 1.74 | 212.  | 10.0  | 265.9  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 07 | -4.6  | 0.094 | -9.000 | -9.000 | -999. | 69.  | 14.9  | 0.08 | 2.10 |
| 1.00     | 1.26 | 237.  | 10.0  | 265.4  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 08 | -6.4  | 0.116 | -9.000 | -9.000 | -999. | 95.  | 20.2  | 0.07 | 2.10 |
| 0.58     | 1.59 | 280.  | 10.0  | 268.1  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 09 | 23.8  | 0.190 | 0.350  | 0.006  | 60.   | 198. | -23.8 | 0.04 | 2.10 |
| 0.35     | 2.32 | 314.  | 10.0  | 272.5  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 10 | 86.5  | 0.191 | 0.897  | 0.005  | 278.  | 201. | -6.7  | 0.04 | 2.10 |
| 0.27     | 2.06 | 316.  | 10.0  | 274.2  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 11 | 130.5 | 0.179 | 1.276  | 0.005  | 529.  | 182. | -3.7  | 0.04 | 2.10 |
| 0.24     | 1.79 | 355.  | 10.0  | 276.4  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 12 | 152.4 | 0.236 | 1.449  | 0.005  | 663.  | 275. | -7.2  | 0.04 | 2.10 |
| 0.23     | 2.59 | 3.    | 10.0  | 278.1  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 13 | 151.1 | 0.249 | 1.731  | 0.005  | 1140. | 299. | -8.5  | 0.04 | 2.10 |
| 0.24     | 2.79 | 22.   | 10.0  | 279.9  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 14 | 126.6 | 0.243 | 1.735  | 0.011  | 1371. | 288. | -9.4  | 0.05 | 2.10 |
| 0.25     | 2.59 | 38.   | 10.0  | 280.4  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 15 | 79.8  | 0.204 | 1.509  | 0.012  | 1429. | 221. | -8.7  | 0.05 | 2.10 |
| 0.28     | 2.15 | 49.   | 10.0  | 280.4  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 16 | 15.5  | 0.185 | 0.876  | 0.013  | 1440. | 191. | -33.8 | 0.05 | 2.10 |
| 0.37     | 2.22 | 42.   | 10.0  | 280.4  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 17 | -17.9 | 0.208 | -9.000 | -9.000 | -999. | 227. | 47.4  | 0.04 | 2.10 |
| 0.64     | 3.12 | 22.   | 10.0  | 278.8  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 18 | -15.1 | 0.170 | -9.000 | -9.000 | -999. | 168. | 31.6  | 0.04 | 2.10 |
| 1.00     | 2.57 | 352.  | 10.0  | 278.1  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 19 | -6.9  | 0.113 | -9.000 | -9.000 | -999. | 92.  | 17.3  | 0.04 | 2.10 |
| 1.00     | 1.77 | 336.  | 10.0  | 277.0  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 20 | -12.3 | 0.156 | -9.000 | -9.000 | -999. | 148. | 26.8  | 0.07 | 2.10 |
| 1.00     | 2.10 | 284.  | 10.0  | 275.9  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 21 | -14.5 | 0.170 | -9.000 | -9.000 | -999. | 168. | 31.7  | 0.07 | 2.10 |
| 1.00     | 2.27 | 288.  | 10.0  | 275.4  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 22 | -13.8 | 0.162 | -9.000 | -9.000 | -999. | 156. | 28.8  | 0.04 | 2.10 |
| 1.00     | 2.45 | 322.  | 10.0  | 275.9  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 23 | -19.3 | 0.203 | -9.000 | -9.000 | -999. | 220. | 45.5  | 0.07 | 2.10 |
| 1.00     | 2.69 | 296.  | 10.0  | 274.2  | 2.0    |       |      |       |      |      |
| 16 01 01 | 1 24 | -9.4  | 0.132 | -9.000 | -9.000 | -999. | 116. | 20.4  | 0.04 | 2.10 |
| 1.00     | 2.03 | 320.  | 10.0  | 275.4  | 2.0    |       |      |       |      |      |

First hour of profile data

|    |    |    |    |        |   |      |      |         |        |        |        |
|----|----|----|----|--------|---|------|------|---------|--------|--------|--------|
| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
| 16 | 01 | 01 | 01 | 10.0   | 1 | 306. | 1.86 | 269.9   | 99.0   | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 4

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID                      | NETWORK                      | DATE       | RECEPTOR  |
|-------------------------------|------------------------------|------------|-----------|
| (XR, YR, ZELEV, ZHILL, ZFLAG) | AVERAGE CONC OF TYPE GRID-ID | (YYMMDDHH) |           |
| - - - - -                     | - - - - -                    | - - - - -  | - - - - - |
| - - - - -                     | - - - - -                    | - - - - -  | - - - - - |

ALL HIGH 1ST HIGH VALUE IS 2990.99697 ON 18110702: AT ( 394894.77,  
3816459.27, 928.44, 1439.49, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 5

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* THE SUMMARY OF HIGHEST 8-HR

RESULTS \*\*\*

\*\* CONC OF ALL IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID<br>(XR, YR, ZELEV, ZHILL, ZFLAG) | AVERAGE CONC<br>OF TYPE | NETWORK<br>GRID-ID | DATE<br>(YYMMDDHH) | RECEPTOR |
|-------------------------------------------|-------------------------|--------------------|--------------------|----------|
| -----                                     |                         |                    |                    |          |
| -----                                     |                         |                    |                    |          |

ALL HIGH 1ST HIGH VALUE IS 1653.18816 ON 18110308: AT ( 394894.77,  
3816459.27, 928.44, 1439.49, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Prairie Song Plume  
Study \*\*\* 02/10/26  
\*\*\* AERMET - VERSION 21112 \*\*\* Prairie Song BESS Plume Study  
\*\*\* 17:54:19

PAGE 6  
\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\* BUOYLINE

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 435 Warning Message(s)  
A Total of 765 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 237 Calm Hours Identified  
  
A Total of 528 Missing Hours Identified ( 1.20 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
RE W476 11 BLRECEP: # receptors within BL source (BLPGROUP)  
0 (ALL )  
ME W186 24 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 24 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET  
  
CN W471 44 CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs



|             |      |                                                         |
|-------------|------|---------------------------------------------------------|
| on 16010220 |      |                                                         |
| CN W471     | 199  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16010907 |      |                                                         |
| CN W471     | 202  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16010910 |      |                                                         |
| CN W733     | 272  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016011208  |      |                                                         |
| CN W471     | 282  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16011218 |      |                                                         |
| CN W471     | 400  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16011716 |      |                                                         |
| CN W471     | 605  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16012605 |      |                                                         |
| CN W471     | 657  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16012809 |      |                                                         |
| CN W733     | 664  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016012816  |      |                                                         |
| CN W471     | 866  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16020602 |      |                                                         |
| CN W471     | 946  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16020910 |      |                                                         |
| CN W471     | 1017 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021209 |      |                                                         |
| CN W471     | 1038 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021306 |      |                                                         |
| CN W471     | 1103 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021523 |      |                                                         |
| CN W471     | 1113 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021609 |      |                                                         |
| CN W471     | 1129 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16021701 |      |                                                         |
| CN W471     | 1223 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022023 |      |                                                         |
| CN W471     | 1228 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022104 |      |                                                         |
| CN W471     | 1303 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022407 |      |                                                         |
| CN W471     | 1329 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16022509 |      |                                                         |
| CN W733     | 1672 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031016  |      |                                                         |
| CN W733     | 1744 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031316  |      |                                                         |
| CN W733     | 1768 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031416  |      |                                                         |
| CN W733     | 1784 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031508  |      |                                                         |
| CN W471     | 1830 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16031706 |      |                                                         |
| CN W471     | 1857 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|             |      |                                                         |
|-------------|------|---------------------------------------------------------|
| on 16031809 |      |                                                         |
| CN W733     | 1864 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016031816  |      |                                                         |
| CN W471     | 1899 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16032003 |      |                                                         |
| CN W733     | 2008 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016032416  |      |                                                         |
| CN W733     | 2072 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016032708  |      |                                                         |
| CN W471     | 2203 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16040119 |      |                                                         |
| CN W733     | 2224 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016040216  |      |                                                         |
| CN W733     | 2248 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016040316  |      |                                                         |
| CN W471     | 2911 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16050107 |      |                                                         |
| CN W471     | 2976 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16050324 |      |                                                         |
| CN W471     | 3175 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16051207 |      |                                                         |
| CN W471     | 3722 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16060402 |      |                                                         |
| CN W471     | 3723 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16060403 |      |                                                         |
| CN W471     | 4277 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16062705 |      |                                                         |
| CN W733     | 4432 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016070316  |      |                                                         |
| CN W733     | 4848 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016072024  |      |                                                         |
| CN W733     | 4856 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2016072108  |      |                                                         |
| CN W471     | 5744 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16082708 |      |                                                         |
| CN W471     | 5815 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16083007 |      |                                                         |
| CN W471     | 5864 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16090108 |      |                                                         |
| CN W471     | 6272 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16091808 |      |                                                         |
| CN W471     | 6416 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16092408 |      |                                                         |
| CN W471     | 6724 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16100704 |      |                                                         |
| CN W471     | 7063 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16102107 |      |                                                         |
| CN W471     | 7064 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16102108 |      |                                                         |
| CN W471     | 7065 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|             |      |                                                         |
|-------------|------|---------------------------------------------------------|
| on 16102109 |      |                                                         |
| CN W471     | 7073 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16102117 |      |                                                         |
| CN W471     | 7074 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16102118 |      |                                                         |
| CN W471     | 7268 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16102920 |      |                                                         |
| CN W471     | 7272 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16102924 |      |                                                         |
| CN W471     | 7616 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16111308 |      |                                                         |
| CN W471     | 7636 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16111404 |      |                                                         |
| CN W471     | 7640 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16111408 |      |                                                         |
| CN W471     | 7649 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16111417 |      |                                                         |
| CN W471     | 7665 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16111509 |      |                                                         |
| CN W471     | 7779 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112003 |      |                                                         |
| CN W471     | 7841 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112217 |      |                                                         |
| CN W471     | 7905 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112509 |      |                                                         |
| CN W471     | 7906 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16112510 |      |                                                         |
| CN W471     | 8114 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16120402 |      |                                                         |
| CN W471     | 8119 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16120407 |      |                                                         |
| CN W471     | 8194 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16120710 |      |                                                         |
| CN W471     | 8358 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16121406 |      |                                                         |
| CN W471     | 8457 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16121809 |      |                                                         |
| CN W471     | 8506 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122010 |      |                                                         |
| CN W471     | 8517 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122021 |      |                                                         |
| CN W471     | 8561 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122217 |      |                                                         |
| CN W471     | 8686 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122722 |      |                                                         |
| CN W471     | 8687 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122723 |      |                                                         |
| CN W471     | 8688 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 16122724 |      |                                                         |
| CN W471     | 8703 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|             |       |                                                         |
|-------------|-------|---------------------------------------------------------|
| on 16122815 |       |                                                         |
| CN W471     | 8940  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010712 |       |                                                         |
| CN W471     | 8948  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010720 |       |                                                         |
| CN W471     | 8953  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010801 |       |                                                         |
| CN W471     | 8954  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17010802 |       |                                                         |
| CN W471     | 9129  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17011509 |       |                                                         |
| CN W471     | 9130  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17011510 |       |                                                         |
| CN W471     | 9172  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17011704 |       |                                                         |
| CN W471     | 9379  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17012519 |       |                                                         |
| CN W471     | 9441  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17012809 |       |                                                         |
| CN W471     | 9498  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17013018 |       |                                                         |
| CN W471     | 9537  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17020109 |       |                                                         |
| CN W733     | 9640  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017020516  |       |                                                         |
| CN W471     | 9792  | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17021124 |       |                                                         |
| CN W733     | 9952  | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017021816  |       |                                                         |
| CN W471     | 10135 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17022607 |       |                                                         |
| CN W471     | 10232 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17030208 |       |                                                         |
| CN W471     | 10257 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17030309 |       |                                                         |
| CN W471     | 10266 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17030318 |       |                                                         |
| CN W471     | 10362 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17030718 |       |                                                         |
| CN W471     | 10496 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17031308 |       |                                                         |
| CN W471     | 10511 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17031323 |       |                                                         |
| CN W471     | 10518 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17031406 |       |                                                         |
| CN W471     | 10544 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17031508 |       |                                                         |
| CN W733     | 10808 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017032608  |       |                                                         |
| CN W471     | 11430 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|               |                                                         |
|---------------|---------------------------------------------------------|
| on 17042106   |                                                         |
| CN W471 12746 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17061502   |                                                         |
| CN W471 12847 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17061907   |                                                         |
| CN W471 14455 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17082507   |                                                         |
| CN W471 14839 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17091007   |                                                         |
| CN W471 14840 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17091008   |                                                         |
| CN W471 15200 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17092508   |                                                         |
| CN W471 15282 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17092818   |                                                         |
| CN W471 15440 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17100508   |                                                         |
| CN W471 15484 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17100704   |                                                         |
| CN W471 15485 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17100705   |                                                         |
| CN W471 15631 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17101307   |                                                         |
| CN W471 15633 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17101309   |                                                         |
| CN W471 15677 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17101505   |                                                         |
| CN W733 15960 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017102624    |                                                         |
| CN W733 15968 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017102708    |                                                         |
| CN W471 15993 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17102809   |                                                         |
| CN W471 16017 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17102909   |                                                         |
| CN W471 16338 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17111118   |                                                         |
| CN W471 16348 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17111204   |                                                         |
| CN W471 16387 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17111319   |                                                         |
| CN W733 16568 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017112108    |                                                         |
| CN W471 16616 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17112308   |                                                         |
| CN W471 16617 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17112309   |                                                         |
| CN W471 16624 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17112316   |                                                         |
| CN W471 16666 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|               |                                                         |
|---------------|---------------------------------------------------------|
| on 17112510   |                                                         |
| CN W471 16687 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17112607   |                                                         |
| CN W733 16976 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017120808    |                                                         |
| CN W733 17040 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017121024    |                                                         |
| CN W733 17048 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2017121108    |                                                         |
| CN W471 17072 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17121208   |                                                         |
| CN W471 17073 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17121209   |                                                         |
| CN W471 17074 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17121210   |                                                         |
| CN W471 17078 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17121214   |                                                         |
| CN W471 17225 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17121817   |                                                         |
| CN W471 17359 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122407   |                                                         |
| CN W471 17384 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122508   |                                                         |
| CN W471 17391 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122515   |                                                         |
| CN W471 17392 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122516   |                                                         |
| CN W471 17409 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122609   |                                                         |
| CN W471 17417 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122617   |                                                         |
| CN W471 17433 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122709   |                                                         |
| CN W471 17441 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122717   |                                                         |
| CN W471 17458 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122810   |                                                         |
| CN W471 17481 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122909   |                                                         |
| CN W471 17482 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122910   |                                                         |
| CN W471 17493 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17122921   |                                                         |
| CN W471 17505 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17123009   |                                                         |
| CN W471 17514 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 17123018   |                                                         |
| CN W471 17551 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18010107   |                                                         |
| CN W471 17570 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|               |                                                         |
|---------------|---------------------------------------------------------|
| on 18010202   |                                                         |
| CN W471 17578 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18010210   |                                                         |
| CN W471 17588 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18010220   |                                                         |
| CN W471 17861 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18011405   |                                                         |
| CN W471 17890 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18011510   |                                                         |
| CN W471 17895 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18011515   |                                                         |
| CN W471 17937 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18011709   |                                                         |
| CN W471 17946 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18011718   |                                                         |
| CN W471 17948 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18011720   |                                                         |
| CN W471 18065 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18012217   |                                                         |
| CN W471 18093 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18012321   |                                                         |
| CN W471 18105 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18012409   |                                                         |
| CN W471 18112 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18012416   |                                                         |
| CN W471 18313 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18020201   |                                                         |
| CN W471 18336 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18020224   |                                                         |
| CN W471 18345 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18020309   |                                                         |
| CN W471 18369 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18020409   |                                                         |
| CN W471 18488 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18020908   |                                                         |
| CN W471 18489 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18020909   |                                                         |
| CN W733 18712 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018021816    |                                                         |
| CN W733 18856 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018022416    |                                                         |
| CN W733 18872 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018022508    |                                                         |
| CN W471 18943 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18022807   |                                                         |
| CN W471 19088 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18030608   |                                                         |
| CN W471 19113 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18030709   |                                                         |
| CN W733 19144 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |

|               |                                                         |
|---------------|---------------------------------------------------------|
| 2018030816    |                                                         |
| CN W471 19208 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18031108   |                                                         |
| CN W471 19209 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18031109   |                                                         |
| CN W471 19210 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18031110   |                                                         |
| CN W471 19416 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18031924   |                                                         |
| CN W471 19615 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18032807   |                                                         |
| CN W471 19617 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18032809   |                                                         |
| CN W471 19926 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18041006   |                                                         |
| CN W471 20023 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18041407   |                                                         |
| CN W471 20118 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18041806   |                                                         |
| CN W471 20119 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18041807   |                                                         |
| CN W733 21184 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018060116    |                                                         |
| CN W471 21199 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18060207   |                                                         |
| CN W471 21434 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18061202   |                                                         |
| CN W471 21439 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18061207   |                                                         |
| CN W733 22064 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018070808    |                                                         |
| CN W733 22480 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018072516    |                                                         |
| CN W471 22807 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18080807   |                                                         |
| CN W471 22832 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18080908   |                                                         |
| CN W471 23408 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18090208   |                                                         |
| CN W471 23480 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18090508   |                                                         |
| CN W471 23672 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18091308   |                                                         |
| CN W471 23764 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18091704   |                                                         |
| CN W471 23816 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18091908   |                                                         |
| CN W471 23912 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18092308   |                                                         |
| CN W733 24592 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |



|               |                                                         |
|---------------|---------------------------------------------------------|
| 2018102116    |                                                         |
| CN W471 24633 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18102309   |                                                         |
| CN W471 24714 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18102618   |                                                         |
| CN W471 24724 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18102704   |                                                         |
| CN W471 24727 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18102707   |                                                         |
| CN W471 24743 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18102723   |                                                         |
| CN W471 24766 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18102822   |                                                         |
| CN W471 24921 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18110409   |                                                         |
| CN W471 24922 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18110410   |                                                         |
| CN W733 25072 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018111016    |                                                         |
| CN W471 25224 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18111624   |                                                         |
| CN W471 25232 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18111708   |                                                         |
| CN W471 25274 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18111902   |                                                         |
| CN W471 25280 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18111908   |                                                         |
| CN W471 25305 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18112009   |                                                         |
| CN W471 25328 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18112108   |                                                         |
| CN W471 25442 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18112602   |                                                         |
| CN W471 25473 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18112709   |                                                         |
| CN W471 25616 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18120308   |                                                         |
| CN W471 25617 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18120309   |                                                         |
| CN W471 25637 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18120405   |                                                         |
| CN W471 25641 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 18120409   |                                                         |
| CN W733 25744 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018120816    |                                                         |
| CN W733 25752 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018120824    |                                                         |
| CN W733 25760 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2018120908    |                                                         |
| CN W733 25768 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |

|             |       |                                                          |
|-------------|-------|----------------------------------------------------------|
| 2018120916  |       |                                                          |
| CN W733     | 25784 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2018121008  |       |                                                          |
| CN W733     | 25792 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2018121016  |       |                                                          |
| CN W471     | 25802 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18121102 |       |                                                          |
| CN W471     | 25805 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18121105 |       |                                                          |
| CN W471     | 25907 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18121511 |       |                                                          |
| CN W471     | 25914 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18121518 |       |                                                          |
| CN W471     | 25930 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18121610 |       |                                                          |
| CN W471     | 26021 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18122005 |       |                                                          |
| CN W471     | 26022 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18122006 |       |                                                          |
| CN W471     | 26027 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18122011 |       |                                                          |
| CN W471     | 26104 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 18122316 |       |                                                          |
| CN W733     | 26304 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2018123124  |       |                                                          |
| CN W471     | 26349 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19010221 |       |                                                          |
| CN W471     | 26362 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19010310 |       |                                                          |
| CN W471     | 26385 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19010409 |       |                                                          |
| CN W471     | 26393 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19010417 |       |                                                          |
| CN W471     | 26490 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19010818 |       |                                                          |
| CN W471     | 26553 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19011109 |       |                                                          |
| CN W471     | 26554 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19011110 |       |                                                          |
| CN W471     | 26561 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19011117 |       |                                                          |
| CN W471     | 26649 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19011509 |       |                                                          |
| CN W471     | 26841 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19012309 |       |                                                          |
| CN W471     | 26865 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19012409 |       |                                                          |
| CN W471     | 26937 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |
| on 19012709 |       |                                                          |
| CN W471     | 26938 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srchs |

|               |                                                         |
|---------------|---------------------------------------------------------|
| on 19012710   |                                                         |
| CN W471 27002 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19013002   |                                                         |
| CN W471 27007 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19013007   |                                                         |
| CN W471 27055 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19020107   |                                                         |
| CN W471 27056 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19020108   |                                                         |
| CN W471 27222 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19020806   |                                                         |
| CN W471 27224 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19020808   |                                                         |
| CN W471 27225 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19020809   |                                                         |
| CN W471 27329 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19021217   |                                                         |
| CN W471 27330 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19021218   |                                                         |
| CN W733 27824 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019030508    |                                                         |
| CN W733 27832 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019030516    |                                                         |
| CN W733 27968 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031108    |                                                         |
| CN W733 28064 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031508    |                                                         |
| CN W733 28088 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031608    |                                                         |
| CN W733 28112 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031708    |                                                         |
| CN W733 28120 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031716    |                                                         |
| CN W733 28136 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031808    |                                                         |
| CN W733 28144 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031816    |                                                         |
| CN W733 28168 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019031916    |                                                         |
| CN W471 28903 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19041907   |                                                         |
| CN W471 30126 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19060906   |                                                         |
| CN W471 30151 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19061007   |                                                         |
| CN W733 30872 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019071008    |                                                         |
| CN W471 31159 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19072207   |                                                         |
| CN W471 31207 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|               |                                                          |
|---------------|----------------------------------------------------------|
| on 19072407   |                                                          |
| CN W471 31496 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19080508   |                                                          |
| CN W733 31624 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019081016    |                                                          |
| CN W471 31976 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19082508   |                                                          |
| CN W471 32192 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19090308   |                                                          |
| CN W733 32296 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019090716    |                                                          |
| CN W471 32408 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19091208   |                                                          |
| CN W471 32431 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19091307   |                                                          |
| CN W471 32888 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19100208   |                                                          |
| CN W471 32910 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19100306   |                                                          |
| CN W733 32920 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019100316    |                                                          |
| CN W471 33006 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19100706   |                                                          |
| CN W471 33128 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19101208   |                                                          |
| CN W733 33160 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019101316    |                                                          |
| CN W733 33168 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019101324    |                                                          |
| CN W733 33176 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019101408    |                                                          |
| CN W733 33184 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019101416    |                                                          |
| CN W733 33192 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019101424    |                                                          |
| CN W733 33200 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019101508    |                                                          |
| CN W733 33208 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019101516    |                                                          |
| CN W471 33334 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19102022   |                                                          |
| CN W471 33344 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19102108   |                                                          |
| CN W733 33352 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2019102116    |                                                          |
| CN W471 33359 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19102123   |                                                          |
| CN W471 33412 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |
| on 19102404   |                                                          |
| CN W471 33607 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcls |

|               |                                                         |
|---------------|---------------------------------------------------------|
| on 19110107   |                                                         |
| CN W471 33642 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19110218   |                                                         |
| CN W471 33656 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19110308   |                                                         |
| CN W471 33698 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19110502   |                                                         |
| CN W471 33726 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19110606   |                                                         |
| CN W471 33750 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19110706   |                                                         |
| CN W471 33777 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19110809   |                                                         |
| CN W471 33848 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19111108   |                                                         |
| CN W471 33873 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19111209   |                                                         |
| CN W471 33881 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19111217   |                                                         |
| CN W471 33894 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19111306   |                                                         |
| CN W471 34082 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19112102   |                                                         |
| CN W471 34084 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19112104   |                                                         |
| CN W471 34088 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19112108   |                                                         |
| CN W471 34108 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19112204   |                                                         |
| CN W733 34136 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019112308    |                                                         |
| CN W471 34162 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19112410   |                                                         |
| CN W471 34216 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19112616   |                                                         |
| CN W471 34218 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19112618   |                                                         |
| CN W471 34325 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120105   |                                                         |
| CN W471 34335 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120115   |                                                         |
| CN W471 34336 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120116   |                                                         |
| CN W471 34337 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120117   |                                                         |
| CN W471 34343 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120123   |                                                         |
| CN W471 34361 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120217   |                                                         |
| CN W471 34362 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|               |                                                         |
|---------------|---------------------------------------------------------|
| on 19120218   |                                                         |
| CN W471 34375 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120307   |                                                         |
| CN W471 34376 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120308   |                                                         |
| CN W471 34377 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120309   |                                                         |
| CN W471 34378 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120310   |                                                         |
| CN W471 34459 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120619   |                                                         |
| CN W471 34469 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120705   |                                                         |
| CN W471 34470 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19120706   |                                                         |
| CN W733 34552 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019121016    |                                                         |
| CN W471 34786 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19122010   |                                                         |
| CN W471 34868 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19122320   |                                                         |
| CN W471 34874 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19122402   |                                                         |
| CN W471 34983 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19122815   |                                                         |
| CN W471 34984 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19122816   |                                                         |
| CN W471 34985 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19122817   |                                                         |
| CN W471 34999 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 19122907   |                                                         |
| CN W733 35064 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2019123124    |                                                         |
| CN W471 35128 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20010316   |                                                         |
| CN W471 35193 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20010609   |                                                         |
| CN W471 35224 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20010716   |                                                         |
| CN W471 35474 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20011802   |                                                         |
| CN W471 35475 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20011803   |                                                         |
| CN W471 35478 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20011806   |                                                         |
| CN W471 35481 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20011809   |                                                         |
| CN W471 35935 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20020607   |                                                         |
| CN W471 35960 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|             |       |                                                         |
|-------------|-------|---------------------------------------------------------|
| on 20020708 |       |                                                         |
| CN W733     | 36064 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020021116  |       |                                                         |
| CN W471     | 36099 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20021303 |       |                                                         |
| CN W471     | 36104 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20021308 |       |                                                         |
| CN W471     | 36105 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20021309 |       |                                                         |
| CN W471     | 36240 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20021824 |       |                                                         |
| CN W471     | 36295 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20022107 |       |                                                         |
| CN W471     | 36439 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20022707 |       |                                                         |
| CN W471     | 36450 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20022718 |       |                                                         |
| CN W471     | 36451 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20022719 |       |                                                         |
| CN W471     | 36465 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20022809 |       |                                                         |
| CN W471     | 36629 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20030605 |       |                                                         |
| CN W733     | 36808 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020031316  |       |                                                         |
| CN W733     | 36832 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020031416  |       |                                                         |
| CN W733     | 36856 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020031516  |       |                                                         |
| CN W733     | 36880 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020031616  |       |                                                         |
| CN W471     | 36921 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20031809 |       |                                                         |
| CN W733     | 37288 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020040216  |       |                                                         |
| CN W733     | 37312 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020040316  |       |                                                         |
| CN W471     | 37396 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20040704 |       |                                                         |
| CN W733     | 37408 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020040716  |       |                                                         |
| CN W733     | 37720 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020042016  |       |                                                         |
| CN W471     | 38140 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20050804 |       |                                                         |
| CN W471     | 38168 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20050908 |       |                                                         |
| CN W471     | 38911 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20060907 |       |                                                         |
| CN W471     | 40135 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |

|               |                                                         |
|---------------|---------------------------------------------------------|
| on 20073007   |                                                         |
| CN W471 40159 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20073107   |                                                         |
| CN W733 40184 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020080108    |                                                         |
| CN W471 40640 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20082008   |                                                         |
| CN W471 40735 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20082407   |                                                         |
| CN W471 40951 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20090207   |                                                         |
| CN W471 41166 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20091106   |                                                         |
| CN W471 41168 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20091108   |                                                         |
| CN W471 41169 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20091109   |                                                         |
| CN W471 41188 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20091204   |                                                         |
| CN W471 41189 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20091205   |                                                         |
| CN W471 41598 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20092906   |                                                         |
| CN W471 41600 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20092908   |                                                         |
| CN W471 41624 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20093008   |                                                         |
| CN W471 41648 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20100108   |                                                         |
| CN W471 41718 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20100406   |                                                         |
| CN W471 41719 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20100407   |                                                         |
| CN W471 41742 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20100506   |                                                         |
| CN W471 41743 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20100507   |                                                         |
| CN W733 41760 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020100524    |                                                         |
| CN W733 41768 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020100608    |                                                         |
| CN W733 41800 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020100716    |                                                         |
| CN W733 41872 | AVER: 8-hr avg, < 6 hours of data, calms policy used.   |
| 2020101016    |                                                         |
| CN W471 42128 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20102108   |                                                         |
| CN W471 42317 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |
| on 20102905   |                                                         |
| CN W471 42318 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs |



|             |       |                                                          |
|-------------|-------|----------------------------------------------------------|
| on 20102906 |       |                                                          |
| CN W733     | 42352 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020103016  |       |                                                          |
| CN W471     | 42425 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20110217 |       |                                                          |
| CN W471     | 42605 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20111005 |       |                                                          |
| CN W471     | 42631 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20111107 |       |                                                          |
| CN W733     | 42664 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020111216  |       |                                                          |
| CN W733     | 42808 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020111816  |       |                                                          |
| CN W733     | 42856 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112016  |       |                                                          |
| CN W733     | 42880 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112116  |       |                                                          |
| CN W733     | 42904 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112216  |       |                                                          |
| CN W733     | 42928 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112316  |       |                                                          |
| CN W733     | 42952 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112416  |       |                                                          |
| CN W733     | 42976 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112516  |       |                                                          |
| CN W733     | 42984 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112524  |       |                                                          |
| CN W733     | 43000 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |
| 2020112616  |       |                                                          |
| CN W471     | 43033 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20112801 |       |                                                          |
| CN W471     | 43039 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20112807 |       |                                                          |
| CN W471     | 43040 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20112808 |       |                                                          |
| CN W471     | 43126 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20120122 |       |                                                          |
| CN W471     | 43135 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20120207 |       |                                                          |
| CN W471     | 43136 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20120208 |       |                                                          |
| CN W471     | 43178 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20120402 |       |                                                          |
| CN W471     | 43216 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20120516 |       |                                                          |
| CN W471     | 43217 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20120517 |       |                                                          |
| CN W471     | 43240 | CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL sracs |
| on 20120616 |       |                                                          |
| CN W733     | 43456 | AVER: 8-hr avg, < 6 hours of data, calms policy used.    |

2020121516

CN W471 43578  
on 20122018

CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS

CN W471 43592  
on 20122108

CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS

CN W733 43600  
2020122116

AVER: 8-hr avg, < 6 hours of data, calms policy used.

CN W471 43601  
on 20122117

CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS

CN W471 43690  
on 20122510

CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srCS

CN W733 43848  
2020123124

AVER: 8-hr avg, < 6 hours of data, calms policy used.